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FPSC - COMMISSION CLERK

FLORIDA PUBLIC SERVICE COMMISSION
OFFICE OF COMMISSION CLERK

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DOCUMENT DESCRIPTION:

Duke Energy (Triplett) - (CONFIDENTIAL) Information contained in response to LULAC's 1st request for PODs (Nos. 1-8); specifically, certain responses to (Nos. 1, 2, 3, and 5), Exh A [to request for confidential classification (DN 11724-2020)].

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***This document number has been assigned to a confidential document.**
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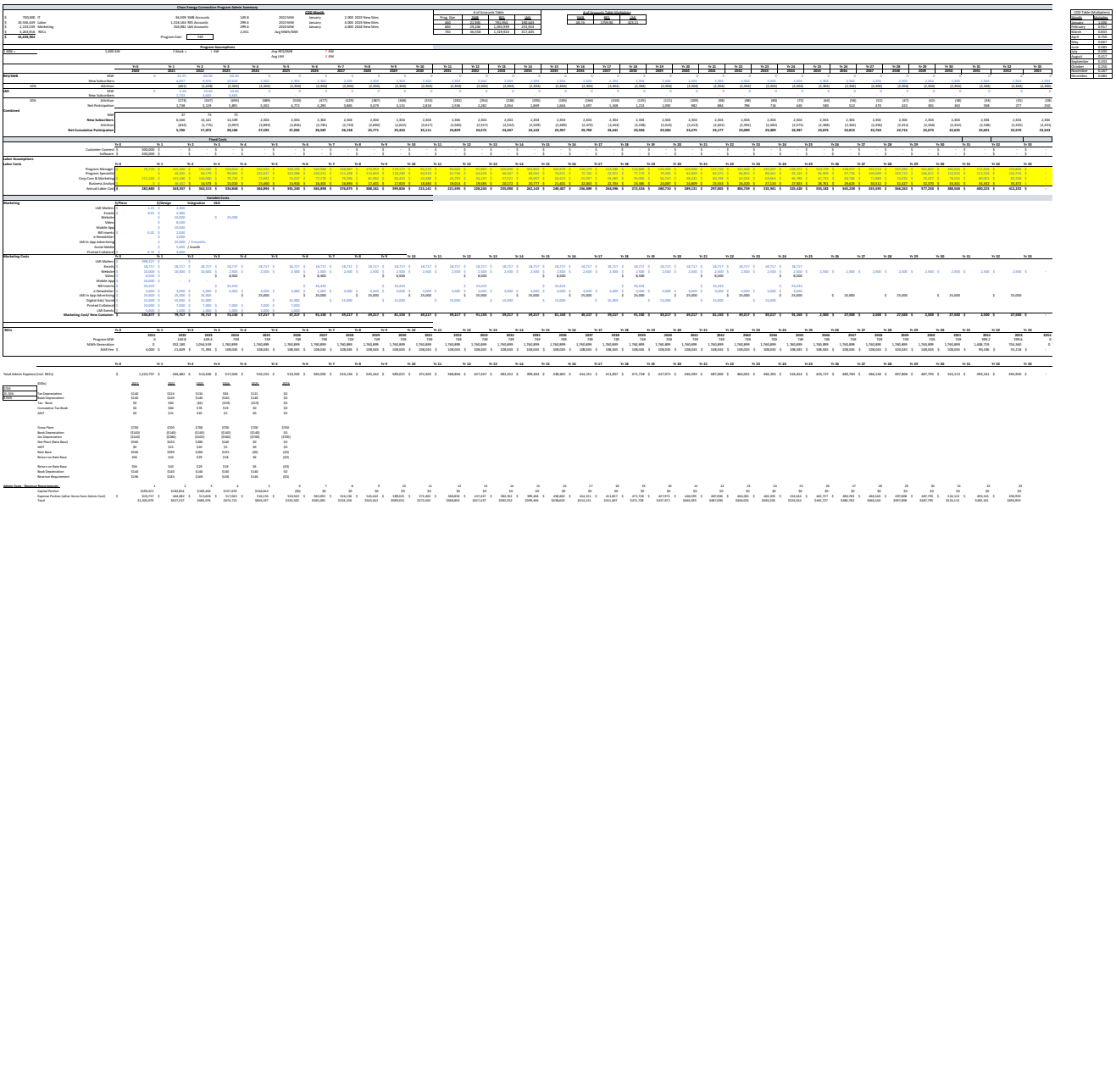

			0
			Admin Costs
0	2021	$	1,020,079
1	2022	$	627,537
2	2023	$	683,076
3	2024	$	674,713
4	2025	$	656,197
5	2026	$	510,502
6	2027	$	565,092
7	2028	$	524,136
8	2029	$	545,442
9	2030	$	589,021
10	2031	$	372,402
11	2032	$	368,856
12	2033	$	427,437
13	2034	$	382,352
14	2035	$	399,404
15	2036	$	438,602
16	2037	$	414,151
17	2038	$	411,857
18	2039	$	471,728
19	2040	$	427,971
20	2041	$	446,393
21	2042	$	487,000
22	2043	$	464,001
23	2044	$	463,203
24	2045	$	524,614
25	2046	$	445,727
26	2047	$	480,783
27	2048	$	466,140
28	2049	$	497,808
29	2050	$	487,795
30	2051	$	524,113
31	2052	$	493,161
32	2053	$	494,950
Total		**$**	**16,786,243**
NPV (2020$s)		**$**	**7,325,205**

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CEC Solar DEF Forecasting

Prepared by Matt Stout, 4/13/2020 - AFUDC revised 5/5/2020

- PV module forecast based on market quotes for crystalline through 2022, then forecasted
- EPC contract market is tight currently but we expect cost reductions begining 2022
- Design of SAT 1.3 DC/AC achieves approximately 28.0% NCF
- 2020 project based on Twin Rivers with adjustments
- 2021 projects based on Archer, Duette, and Charlie Creek
- No land purchase prices assumed, pro forma assumes lease expense for all projects
- Use 2021 projects costs for Jan. 2022 CEC projects

Key Assumptions					
Design	Single-axis T	Single-axis T	Single-axis T	Single-axis T	Single-axis T
Project Size MWac	74.9	74.9	74.9	74.9	74.9
Project Size MWdc	97.0	97.0	97.0	97.0	97.0
DC/AC Ratio	1.30	1.30	1.30	1.30	1.30
PV Panel Price $/Wdc	$0.425	$0.350	$0.330	$0.310	$0.290
EPC $/Wdc	$0.470	$0.520	$0.500	$0.480	$0.460
Inflation	2.00%	2.00%	2.00%	2.00%	2.00%
Contingency	3.00%	4.00%	4.00%	4.00%	4.00%
AFDUC	2.24%	2.24%	2.24%	2.24%	2.24%
ITC%	30.00%	22.00%	22.00%	10.00%	10.00%
		2020	2021	2022	
		Jan 2022 COD	Jan 2023 COD	Jan 2024 COD	Not used

Per Project Cost (74.9 MW-ac)

	2022 Projects	2023 Projects	2024 Projects
Solar Plant	$96,068,532	$92,199,390	$88,333,570
Direct Assigned Interconnection	$3,060,000	$3,121,200	$3,183,624
Network Upgrades	$10,200,000	$10,404,000	$10,612,080
AFUDC (Total)	$3,980,963	$0	$0
Total Plant and Network Upgrades	**$113,309,495**	**$105,724,590**	**$102,129,274**

Estimate Summary	2020	2021	2022	2023	2024
Panels and EPC					
PV Panels	$41,225,000	$33,950,000	$32,010,000	$30,070,000	
EPC Contract	$45,590,000	$50,440,000	$48,500,000	$46,560,000	
GSU (230KV)	$1,044,677	$1,065,571	$1,086,882	$1,108,620	
Control System (SCADA/IT/Telecom/Yoh)	$600,440	$612,449	$624,698	$637,192	
Development, Real Estate, & Misc.	$5,000,000	$5,100,000	$5,202,000	$5,306,040	
Interconnection (Direct Assigned - Not ITC eligibile)	$3,000,000	$3,060,000	$3,121,200	$3,183,624	
Construction Oversight	$1,066,545	$1,087,876	$1,109,634	$1,131,827	
Contingency	$2,925,800	$3,812,636	$3,666,177	$3,519,892	
Pre-AFUDC Solar Capital	$100,452,462	$99,128,532	$95,320,590	$91,517,194	
AFUDC	$3,657,761	$3,609,552	$0	$0	
Sub Total Project Cost	**$104,110,223**	**$102,738,084**	**$95,320,590**	**$91,517,194**	
Network Upgrades	$10,000,000	$10,200,000	$10,404,000	$10,612,080	
AFUDC	$364,129	$371,411	$0	$0	
Total Project Cost	**$114,474,351**	**$113,309,495**	**$105,724,590**	**$102,129,274**	
Metrics Total Project Costs					
$/Wdc	**$1.18**	**$1.17**	**$1.09**	**$1.05**	
$/Wac	**$1.53**	**$1.51**	**$1.41**	**$1.36**	
$/KWdc	**$1,180**	**$1,168**	**$1,090**	**$1,053**	
$/KWac	**$1,528**	**$1,513**	**$1,412**	**$1,364**	
Metrics Total Project Costs Before Network Upgrades					
$/Wdc	**$1.07**	**$1.06**	**$0.98**	**$0.94**	**$0.00**
$/Wac	**$1.39**	**$1.37**	**$1.27**	**$1.22**	**$0.00**
$/KWdc	**$1,073**	**$1,059**	**$983**	**$943**	**$0**
$/KWac	**$1,390**	**$1,372**	**$1,273**	**$1,222**	**$0**

Solar Capex Excl AFUDC and Interconnection

2022	2023	2024
$96,068,532	$92,199,390	$88,333,570

3.6413% From AFUDC Calculation Spreasheet

AFUDC Trigger ($MMs) Based on Construction Commencement Year

2020	2021	2022	2023	2024
103	111.26	120.31	129.7	139.41

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Fixed Distribution per IRS Agreement, per Andrew Wynn email 11/30/16 Solar			
MACRS GDS Classification	Asset Class	Cost Seg %	ITC Amount
5-year property	§168(e)(3)(B)(vi)(I) - Solar Property	97.868%	97.868%
7-year property	§168(e)(3)(C)(v) - Personal Property With No Class Life	0.001%	
15-year property	00.3 - Land Improvements (ITC Eligible)	0.650%	0.650%
15-year property	00.3 - Land Improvements (ITC Ineligible)	0.924%	0.924%
20-year property	49.14 - Electric Utility T&D Plant	0.554%	
39-year property	§168(c) - Nonresidential Real Property	0.003%	
Total		100.000%	99.442%
Interconnects at		<69kv	>=69kv
5-yr MACRS		97.868%	97.868%
7-yr MACRS		0.001%	0.001%
10-yr S/L			
15-yr MACRS		1.574%	2.128%
20-yr MACRS		0.554%	
39-yr MACRS		0.003%	0.003%
Deducted Tax Year 1			
Deducted Tax Year 2			
Placeholder 1			
Placeholder 2			
Non Depreciable Tax			
Total		100.000%	100.000%

2022 Projects		2023 Projects		2024 Projects	
Solar Capital	% of Capital	Solar Capital	% of Capital	Solar Capital	% of Capital
$94,020,350.44	94.85%	$90,233,699	94.66%	$86,450,298	94.46%
$960.69	0.00%	$922	0.00%	$883	0.00%
$624,445.45	0.63%	$599,296	0.63%	$574,168	0.63%
$887,673.23	0.90%	$851,922	0.89%	$816,202	0.89%
$3,592,219.66	3.62%	$3,631,985	3.81%	$3,672,992	4.01%
$2,882.06	0.00%	$2,766	0.00%	$2,650	0.00%
$99,128,532	100.00%	$95,320,590	100.00%	$91,517,194	100.00%
MACRS Life					
5	94.85%		94.66%		94.46%
7	0.00%		0.00%		0.00%
15	1.53%		1.52%		1.52%
20	3.62%		3.81%		4.01%
39	0.00%		0.00%		0.00%
Total	100.00%		100.00%		100.00%

Annual Variable Benefits, Production and NPV of Capital Deferral Value:

2020-03 Variable Benefits Associated with 2020-03 Variable Benefits Associated with CEC_750MWsLCOE Calc_05282020.xlsx

Provided by DEF IRP Team as well as capital deferral value stated in 2020$'s

Capital Cost Estimates:

CEC - Project Costs Forecasting (Filing)

Provided by DET Solar Development Team

Revenue Requirements:

CEC Revenue Requirements (Filing).xlsx

ITC values of 22%, 22% and 10% for 2022, 2023 and 2024 COD years, respectively

Network upgrade revenue requirements based on 40 year life and using first 30 years in program cost analysis.

Program Administration Costs from CEC - Admin Costs (Filing).xlxs

Discount Rate

Based on updated long-term forecast of debt provided by Corp Treasury in March 2020

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DEF CEC Program

C&I and Residential Program Analysis

C&I and Residential Carve-Out: 96.5%

% of Allocated Revenue Requirement

100.00%

Program View

Calendar Year	Production Year	Capacity (MW)	Production (MWH)	Subscription Fee ($/kW-Month)	Annual Subscription Fees	Credit Escalator	Credit ($/kWh)	Annual Credit	Cost/(Savings) Annual	Cost/(Savings) Cumulative	Revenue Requirements	Variable Benefits
2020		0	0	0.00	$0		0	$0	$0	$0	$0	$0
2021		0	0	0.00	$0		0	$0	$0	$0	$984,631	$0
2022	1	144.19445	314700	8.35	$14,488,364	0.00%	-0.0370	($14,319,254)	$169,108	$169,108	$30,391,476	-$9,532,345
2023	2	432.78335	1062350	8.35	$42,462,182	0.00%	-0.0370	($42,885,678)	$576,421	$745,529	$66,704,853	-$27,416,844
2024	3	721.37225	1759501	8.35	$72,441,819	0.00%	-0.0370	($71,478,104)	$963,715	$1,711,242	$104,546,080	-$47,104,261
2025	4	721.37225	1757516	8.35	$72,441,819	1.50%	-0.0988	($72,014,641)	$427,168	$2,138,410	$127,410,321	-$52,077,385
2026	5	721.37225	1746782	8.35	$72,441,819	1.50%	-0.1590	($73,224,241)	-$290,035	$1,838,885	$121,465,997	-$55,186,646
2027	6	721.37225	1740027	8.35	$72,441,819	1.50%	-0.2210	($73,446,149)	-$1,004,729	$834,156	$109,013,620	-$60,631,396
2028	7	721.37225	1726423	8.35	$72,441,819	1.50%	-0.2840	($74,345,520)	-$1,903,701	-$1,069,545	$105,290,093	-$61,635,865
2029	8	721.37225	1721662	8.35	$72,441,819	1.50%	-0.3480	($74,921,360)	-$2,458,540	-$3,528,086	$102,350,453	-$70,860,613
2030	9	721.37225	1714052	8.35	$72,441,819	1.50%	-0.4130	($75,441,130)	-$3,199,310	-$6,726,396	$99,870,160	-$66,367,804
2031	10	721.37225	1705481	8.35	$72,441,819	1.50%	-0.4790	($76,388,490)	-$3,946,671	-$10,673,067	$97,379,534	-$77,857,444
2032	11	721.37225	1700973	8.35	$72,441,819	1.50%	-0.5460	($77,326,242)	-$4,884,422	-$15,559,489	$95,123,683	-$75,823,983
2033	12	721.37225	1688454	8.35	$72,441,819	1.50%	-0.6140	($77,805,263)	-$5,463,444	-$21,022,933	$92,929,811	-$77,234,340
2034	13	721.37225	1680027	8.35	$72,441,819	1.50%	-0.6830	($78,675,677)	-$6,233,858	-$27,256,791	$90,595,140	-$83,980,655
2035	14	721.37225	1671639	8.35	$72,441,819	1.50%	-0.7530	($79,453,014)	-$7,011,194	-$34,267,985	$88,453,131	-$82,534,935
2036	15	721.37225	1667228	8.35	$72,441,819	1.50%	-0.8240	($80,427,082)	-$7,985,262	-$42,253,248	$86,269,795	-$81,905,913
2037	16	721.37225	1654969	8.35	$72,441,819	1.50%	-0.8960	($81,027,391)	-$8,585,482	-$50,838,728	$84,096,323	-$88,051,673
2038	17	721.37225	1646688	8.35	$72,441,819	1.50%	-0.9690	($81,823,904)	-$9,382,085	-$60,220,814	$87,822,767	-$94,332,405
2039	18	721.37225	1638454	8.35	$72,441,819	1.50%	-1.0440	($82,643,618)	-$10,201,798	-$70,422,612	$85,176,997	-$98,268,193
2040	19	722.97225	1634139	8.35	$72,441,819	1.50%	-1.1200	($83,467,932)	-$11,226,112	-$81,648,725	$82,422,628	-$103,145,892
2041	20	722.97225	1622103	8.35	$72,441,819	1.50%	-1.1970	($84,300,673)	-$11,858,854	-$93,507,579	$79,750,675	-$105,928,578
2042	21	722.97225	1613981	8.35	$72,441,819	1.50%	-1.2750	($85,137,702)	-$12,695,883	-$106,203,461	$77,331,343	-$104,867,768
2043	22	722.97225	1605915	8.35	$72,441,819	1.50%	-1.3540	($85,980,710)	-$13,538,890	-$119,742,351	$75,038,550	-$103,554,498
2044	23	722.97225	1601697	8.35	$72,441,819	1.50%	-1.4340	($87,036,228)	-$14,594,409	-$134,336,760	$72,860,921	-$107,277,415
2045	24	722.97225	1589921	8.35	$72,441,819	1.50%	-1.5160	($87,700,053)	-$15,258,233	-$149,594,993	$70,671,452	-$116,380,496
2046	25	722.97225	1581968	8.35	$72,441,819	1.50%	-1.5990	($88,574,362)	-$16,132,543	-$165,727,536	$68,537,524	-$117,804,896
2047	26	722.97225	1574062	8.35	$72,441,819	1.50%	-1.6830	($89,453,951)	-$17,012,132	-$182,739,667	$66,483,913	-$112,577,530
2048	27	722.97225	1569468	8.35	$72,441,819	1.50%	-1.7680	($90,126,888)	-$18,085,068	-$200,824,736	$64,474,489	-$126,880,558
2049	28	722.97225	1558229	8.35	$72,441,819	1.50%	-1.8550	($91,240,137)	-$18,798,318	-$219,623,053	$62,446,932	-$119,636,849
2050	29	722.97225	1550558	8.35	$72,441,819	1.50%	-1.9430	($92,149,679)	-$19,707,860	-$239,330,913	$60,510,852	-$122,923,799
2051	30	722.97225	1542817	8.35	$72,441,819	1.50%	-2.0320	($93,062,731)	-$20,620,901	-$259,951,815	$62,168,973	-$119,052,948
2052	31	578.3778	1233422	8.35	$57,953,456	0.00%	-2.0320	($74,339,668)	-$16,386,212	-$276,338,027	$52,977,282	-$111,568,274
2053	32	289.1889	611930	8.35	$28,976,728	0.00%	-2.0320	($36,911,611)	-$7,934,883	-$284,272,910	$30,664,979	-$59,535,665
2054	33	0	0	0.00								

C&I/Res - PARAMETERS

Subscription Fee:	$8.35
Credit:	-0.0370
Credit Escalator:	1.50%
Capital Deferral	$353,458,777
Discount Rate:	6.70%
Capacity Factor:	28.00%
Degradation Rate:	0.50%
% Participants Pay of NPVRR:	104.560%

$37,870,503.67

Totals - C&I and Residential

NPV (Rs)	$1,107,761,573
NPV (RR) Incl. Cap. Deferral	$806,637,992
NPV (Sub. Costs)	$804,438,031
NPV (Benefits)	($869,682,216)
NPV (Credit to Participants)	($869,662,141)

	Include Carbon Benefit (Y/N)	N
	% of Variable Benefits	100.00%
Always included	Include Program Admin. Costs (Y/N)	Y

Program Benefits - C&I Res

	NPV - $MMs	% of Total
Capital Deferral	$141.18	21.0%
Fuel	$798.14	49.2%
Variable O&M	$62.31	3.8%
Emissions	$1	0.1%
Carbon	$419	25.8%
Total	$1,621.96	

Program Costs - C&I Res

Solar Rev Req	$1,101	99.4%
Admin Costs	$7	0.6%
Total	$1,108	
Total Program Savings	$514	
Participant Savings	$65	12.7%
Non-Participant Savings	$449	87.3%
Program Savings (Non-Carbon)	$95	
Participant Savings	$65	68.5%
Non-Participant Savings	$30	31.5%

Tariff Schedule - C&I and Residential

Program Year	Subscription Fee ($/kW-mo)	Credit ($MM/kWH)	Credit Esc (%/yr)
1	$8.35	-0.0370	
2	$8.35	-0.0370	0.0%
3	$8.35	-0.0370	0.0%
4	$8.35	-0.0988	1.5%
5	$8.35	-0.1590	1.5%
6	$8.35	-0.2210	1.5%
7	$8.35	-0.2840	1.5%
8	$8.35	-0.3480	1.5%
9	$8.35	-0.4130	1.5%
10	$8.35	-0.4790	1.5%
11	$8.35	-0.5460	1.5%
12	$8.35	-0.6140	1.5%
13	$8.35	-0.6830	1.5%
14	$8.35	-0.7530	1.5%
15	$8.35	-0.8240	1.5%
16	$8.35	-0.8960	1.5%
17	$8.35	-0.9690	1.5%
18	$8.35	-1.0440	1.5%
19	$8.35	-1.1200	1.5%
20	$8.35	-1.1970	1.5%
21	$8.35	-1.2750	1.5%
22	$8.35	-1.3540	1.5%
23	$8.35	-1.4340	1.5%
24	$8.35	-1.5160	1.5%
25	$8.35	-1.5990	1.5%
26	$8.35	-1.6830	1.5%
27	$8.35	-1.7680	1.5%
28	$8.35	-1.8550	1.5%
29	$8.35	-1.9430	1.5%
30	$8.35	-2.0320	1.5%
31	$8.35	-2.0320	0.0%
32	$8.35	-2.0320	0.0%

PAYBACK CHECK

Year	MW	MWh	Sub Fee	Credit	Annual	Cumulative
1	1	2453.071	100.2	-99.0305	1.169533	1.169533
2	1	2448.954	100.2	-98.8643	1.335721	2.505254
3	1	2449.059	100.2	-98.8677	1.332357	3.837561
4	1	2431.015	100.2	-96.623	0.577916	4.415479
5	1	2426.928	100.2	-97.1771	1.225121	5.640599
6	1	2416.759	100.2	-100.06	1.38972	7.030319
7	1	2400.405	100.2	-102.833	2.643156	-0.00996
8	1	2382.71	100.2	-103.692	3.45598	-3.45144
9	1	2370.845	100.2	-104.432	4.424128	-7.87666
10	1	2358.985	100.2	-105.609	4.458895	-12.3356
11	1	2352.75	100.2	-106.956	6.75603	-20.0916
12	1	2335.434	100.2	-107.757	7.55692	-27.6486

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DEF CEC Program

LMI Program Analysis

LMI Carve-Out: 3.47%

Levelized MWs 23.63

-$9.03

Total

Calendar Year	Production Year	Capacity (MW)	Production (MWh)	Subscription Fee $/kW/Month	Annual Subscription Cost	Credit Escalator	Credit $/kW-mo	Annual Credit	Cost/(Savings) Annual	Cost/(Savings) Cumulative	Revenue Requirements	Benefits	Annual	Cumulative
2020		0	0	0	$0	0.00%	$0.00	$0	$0	$0	$0	$0	$0	$0
2021		0	0	0	$0	0.00%	$0.00	$0	$0	$0	$35,448	$0	$0	$0
2022	1	5.20555	12770	$8.35	$521,596	0.00%	-$9.03	-$564,073	-$42,477	-$42,477	$1,094,125	-$343,174	$6,088	$6,088
2023	2	15.61665	38244	$8.35	$1,564,788	0.00%	-$9.03	-$1,692,220	-$127,432	-$169,909	$3,049,462	-$987,035	$20,859	$26,948
2024	3	26.02775	63743	$8.35	$2,607,981	0.00%	-$9.03	-$2,820,367	-$212,386	-$382,296	$4,830,118	-$1,894,606	$34,677	$61,624
2025	4	26.02775	63274	$8.35	$2,607,981	1.50%	-$9.03	-$2,820,367	-$212,386	-$594,682	$4,586,904	-$1,874,840	$15,300	$76,925
2026	5	26.02775	62958	$8.35	$2,607,981	1.50%	-$9.03	-$2,820,367	-$212,386	-$807,068	$4,372,898	-$1,986,769	-$10,453	$66,472
2027	6	26.02775	62643	$8.35	$2,607,981	1.50%	-$9.03	-$2,820,367	-$212,386	-$1,019,455	$3,924,603	-$2,182,937	-$36,424	$30,048
2028	7	26.02775	62477	$8.35	$2,607,981	1.50%	-$9.03	-$2,820,367	-$212,386	-$1,231,841	$3,790,552	-$2,218,955	-$68,988	-$38,940
2029	8	26.02775	62018	$8.35	$2,607,981	1.50%	-$9.03	-$2,820,367	-$212,386	-$1,444,228	$3,684,722	-$2,551,055	-$89,163	-$128,104
2030	9	26.02775	61708	$8.35	$2,607,981	1.50%	-$9.03	-$2,820,367	-$212,386	-$1,656,614	$3,595,429	-$2,389,310	-$115,938	-$244,041
2031	10	26.02775	61399	$8.35	$2,607,981	1.50%	-$9.03	-$2,820,367	-$212,386	-$1,869,001	$3,505,764	-$2,802,949	-$142,971	-$387,012
2032	11	26.02775	61237	$8.35	$2,607,981	1.50%	-$9.03	-$2,820,367	-$212,386	-$2,081,387	$3,424,551	-$2,729,742	-$176,855	-$563,867
2033	12	26.02775	60786	$8.35	$2,607,981	1.50%	-$9.03	-$2,820,367	-$212,386	-$2,293,774	$3,345,569	-$2,780,516	-$197,824	-$761,691
2034	13	26.02775	60483	$8.35	$2,607,981	1.50%	-$9.03	-$2,820,367	-$212,386	-$2,506,160	$3,261,520	-$3,023,383	-$225,697	-$987,388
2035	14	26.02775	60181	$8.35	$2,607,981	1.50%	-$9.03	-$2,820,367	-$212,386	-$2,718,546	$3,182,604	-$2,971,343	-$253,842	-$1,241,231
2036	15	26.02775	60022	$8.35	$2,607,981	1.50%	-$9.03	-$2,820,367	-$212,386	-$2,930,933	$3,105,802	-$2,948,698	-$289,105	-$1,530,335
2037	16	26.02775	59581	$8.35	$2,607,981	1.50%	-$9.03	-$2,820,367	-$212,386	-$3,143,319	$3,025,395	-$3,169,951	-$310,940	-$1,841,275
2038	17	26.02775	59282	$8.35	$2,607,981	1.50%	-$9.03	-$2,820,367	-$212,386	-$3,355,706	$3,161,711	-$3,396,064	-$339,898	-$2,181,173
2039	18	26.02775	58986	$8.35	$2,607,981	1.50%	-$9.03	-$2,820,367	-$212,386	-$3,568,092	$3,066,460	-$3,573,758	-$369,155	-$2,550,328
2040	19	26.02775	58831	$8.35	$2,607,981	1.50%	-$9.03	-$2,820,367	-$212,386	-$3,780,479	$2,967,300	-$3,713,359	-$405,855	-$2,956,183
2041	20	26.02775	58397	$8.35	$2,607,981	1.50%	-$9.03	-$2,820,367	-$212,386	-$3,992,865	$2,871,107	-$3,813,575	-$428,530	-$3,384,713
2042	21	26.02775	58105	$8.35	$2,607,981	1.50%	-$9.03	-$2,820,367	-$212,386	-$4,205,252	$2,784,008	-$3,775,348	-$458,654	-$3,843,366
2043	22	26.02775	57815	$8.35	$2,607,981	1.50%	-$9.03	-$2,820,367	-$212,386	-$4,417,638	$2,701,466	-$3,980,076	-$489,091	-$4,332,457
2044	23	26.02775	57663	$8.35	$2,607,981	1.50%	-$9.03	-$2,820,367	-$212,386	-$4,630,024	$2,623,065	-$3,862,098	-$527,290	-$4,859,747
2045	24	26.02775	57239	$8.35	$2,607,981	1.50%	-$9.03	-$2,820,367	-$212,386	-$4,842,411	$2,544,245	-$4,189,818	-$550,922	-$5,410,669
2046	25	26.02775	56952	$8.35	$2,607,981	1.50%	-$9.03	-$2,820,367	-$212,386	-$5,054,797	$2,467,422	-$4,241,102	-$582,266	-$5,992,935
2047	26	26.02775	56668	$8.35	$2,607,981	1.50%	-$9.03	-$2,820,367	-$212,386	-$5,267,184	$2,393,490	-$4,052,908	-$613,938	-$6,606,873
2048	27	26.02775	56502	$8.35	$2,607,981	1.50%	-$9.03	-$2,820,367	-$212,386	-$5,479,570	$2,321,228	-$4,567,832	-$652,721	-$7,259,595
2049	28	26.02775	56101	$8.35	$2,607,981	1.50%	-$9.03	-$2,820,367	-$212,386	-$5,691,957	$2,248,154	-$4,307,051	-$678,149	-$7,937,737
2050	29	26.02775	55822	$8.35	$2,607,981	1.50%	-$9.03	-$2,820,367	-$212,386	-$5,904,343	$2,178,452	-$4,425,384	-$710,803	-$8,648,540
2051	30	26.02775	55543	$8.35	$2,607,981	1.50%	-$9.03	-$2,820,367	-$212,386	-$6,116,729	$2,238,183	-$4,286,029	-$743,767	-$9,392,307
2052	31	20.8222	44368	$8.35	$2,086,384	0.00%	-$9.03	-$2,256,294	-$169,909	-$6,286,639	$1,907,237	-$4,016,573	-$591,034	-$9,983,341
2053	32	10.4111	22030	$8.35	$1,043,192	0.00%	-$9.03	-$1,128,147	-$84,955	-$6,371,593	$1,103,971	-$2,143,946	-$286,217	-$10,269,558

LMI - PARAMETERS

Subscription Fee:	$8.35
Credit* ($/kW-mo):	-$9.03
Credit Escalator:	1.50%
Capital Deferral	$353,458,777
Discount Rate:	6.70%
Capacity Factor:	28.00%
Degradation Rate:	0.50%
% Participants Pay of NPVRR:	104.9%

LMI CREDIT cents/kWh -4.0370 **CHECKS**

Totals - LMI

NPV (RR)	$39,879,916
NPV (RR) less Cap. Deferral	$28,960,601
NPV (Sub. Costs)	$28,960,603
NPV (Benefits)	($31,308,777)
NPV (Credit to Participants)	($31,319,071)

Include Carbon Benefit (Y/N)	N
% of Non-Carbon Benefits	100.9%
Include Program Admin. Costs (Y/N)	Y

Program Benefits - LMI	NPV - $MMs	% of Total
Capital Deferral	$12.28	21.0%
Fuel	$28.73	49.2%
Variable O&M	$2.24	3.8%
Emissions	$0.05	0.1%
Carbon	$15.09	25.8%
Total	$58.39	
Program Costs - LMI		
Solar Rev Req	$39.63	99.4%
Admin Costs	$0.25	0.6%
Total	$39.88	
Total Program Savings	$18.51	
Participant Savings	$2.36	12.7%
Non-Participant Savings	$16.15	87.3%
Program Savings (Non-Carbon)	$3.43	
Participant Savings	$2.36	68.8%
Non-Participant Savings	$1.07	31.2%

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DEF CEC Program

Total Program Analysis

Program View

Calendar Year	Production Year	Capacity (MW)	Production (MWh)	Subscription Fee $/kW/Month	Annual Subscription Fees	Credit Escalator	Credit cents/kWh	Annual Credit	Cost/(Savings) Annual	Cost/(Savings) Cumulative	Revenue Requirements	Variable Benefits
2020		0	0		$0			$0	$0	$0	$0	$0
2021		0	0		$0			$0	$0	$0	$1,020,079	$0
2022	1	149.8	367470		$15,009,960			($14,883,329)	$126,631	$126,631	$31,485,601	-$9,875,520
2023	2	449.4	1100560		$45,029,880			($44,577,899)	$451,981	$578,612	$87,754,315	-$28,403,879
2024	3	749	1834330		$75,049,800			($74,298,965)	$750,835	$1,329,447	$138,996,198	-$54,521,024
2025	4	749	1820830		$75,049,800			($74,845,018)	$204,782	$1,534,228	$131,997,225	-$53,952,225
2026	5	749	1811740		$75,049,800			($75,552,212)	-$502,412	$1,031,817	$125,838,795	-$57,173,215
2027	6	749	1802670		$75,049,800			($76,266,916)	-$1,217,116	-$185,299	$112,938,224	-$62,818,323
2028	7	749	1797900		$75,049,800			($77,165,887)	-$2,116,087	-$2,301,387	$109,080,645	-$63,854,820
2029	8	749	1784680		$75,049,800			($77,721,727)	-$2,671,927	-$4,973,313	$106,035,175	-$73,411,669
2030	9	749	1775760		$75,049,800			($78,461,497)	-$3,411,697	-$8,385,010	$103,465,589	-$68,757,113
2031	10	749	1766880		$75,049,800			($79,208,857)	-$4,159,057	-$12,544,068	$100,885,299	-$80,660,393
2032	11	749	1762210		$75,049,800			($80,146,609)	-$5,096,809	-$17,640,876	$98,548,235	-$78,553,725
2033	12	749	1749240		$75,049,800			($80,725,630)	-$5,675,830	-$23,316,707	$96,275,381	-$80,014,856
2034	13	749	1740510		$75,049,800			($81,496,044)	-$6,446,244	-$29,762,951	$93,856,680	-$87,003,838
2035	14	749	1731820		$75,049,800			($82,273,381)	-$7,223,581	-$36,986,532	$91,585,735	-$85,506,279
2036	15	749	1727250		$75,049,800			($83,247,449)	-$8,197,649	-$45,184,181	$89,375,597	-$84,854,611
2037	16	749	1714550		$75,049,800			($83,847,668)	-$8,797,868	-$53,982,049	$87,061,718	-$91,221,624
2038	17	749	1705970		$75,049,800			($84,644,271)	-$9,594,471	-$63,576,520	$90,984,477	-$97,728,469
2039	18	749	1697440		$75,049,800			($85,463,985)	-$10,414,185	-$73,990,704	$88,243,457	-$102,841,951
2040	19	749	1692970		$75,049,800			($86,488,299)	-$11,438,499	-$85,429,203	$85,389,928	-$106,859,251
2041	20	749	1680500		$75,049,800			($87,121,040)	-$12,071,240	-$97,500,444	$82,621,782	-$109,743,153
2042	21	749	1672090		$75,049,800			($87,958,069)	-$12,908,269	-$110,408,713	$80,115,352	-$108,643,117
2043	22	749	1663730		$75,049,800			($88,801,077)	-$13,751,277	-$124,159,989	$77,740,015	-$114,534,574
2044	23	749	1659360		$75,049,800			($89,856,595)	-$14,806,795	-$138,966,784	$75,483,886	-$111,139,514
2045	24	749	1647160		$75,049,800			($90,520,420)	-$15,470,620	-$154,437,404	$73,215,698	-$120,570,314
2046	25	749	1638920		$75,049,800			($91,394,729)	-$16,344,929	-$170,782,333	$71,004,946	-$122,046,098
2047	26	749	1630730		$75,049,800			($92,274,318)	-$17,224,518	-$188,006,851	$68,877,402	-$116,630,438
2048	27	749	1625970		$75,049,800			($93,347,255)	-$18,297,455	-$206,304,306	$66,797,917	-$131,448,389
2049	28	749	1614430		$75,049,800			($94,060,504)	-$19,010,704	-$225,315,010	$64,695,086	-$123,943,900
2050	29	749	1606380		$75,049,800			($94,970,046)	-$19,920,246	-$245,235,256	$62,689,263	-$127,349,184
2051	30	749	1598360		$75,049,800			($95,883,088)	-$20,833,288	-$266,068,544	$64,408,157	-$123,338,978
2052	31	599.2	1276790		$60,039,840			($76,595,961)	-$16,556,121	-$282,624,666	$54,884,520	-$115,584,847
2053	32	299.6	633960		$30,019,920			($38,039,758)	-$8,019,838	-$290,644,503	$31,768,950	-$61,679,010
2054	33	0	0		$0			$0				

Total - PARAMETERS

Subscription Fee:	$8.35
Credit:	-4.0370
Credit Escalator:	1.50%
Capital Deferral	$353,458,777
Discount Rate:	6.70%
Capacity Factor:	28.00%
Degradation Rate:	0.50%
($314,224,896.35) % Participants Pay of NPVRR:	104.941%

Totals - C&I and Residential

NPV (RR)	$1,147,623,490
NPV (RR) less Cap. Deferral	$833,398,593
NPV (Sub. Costs)	$833,398,634
NPV (Benefits)	($900,971,993)
NPV (Credit to Participants)	($900,982,211)

	Include Carbon Benefit (Y/N)	N
	% of Variable Benefits	100.92%
Always included	Include Program Admin. Costs (Y/N)	Y

Program Benefits - Total	NPV - $MMs	% of Total
Capital Deferral	$353.46	21.0%
Fuel	$826.88	49.2%
Variable O&M	$64.55	3.8%
Emissions	$1.35	0.1%
Carbon	$434.12	25.8%
Total	$1,680.35	
Program Costs - Total		
Solar Rev Req	$1,140	99.4%
Admin Costs	$7	0.6%
Total	$1,148	
Total Program Savings	$533	
Participant Savings	$68	12.7%
Non-Participant Savings	$465	87.3%
Program Savings (Non-Carbon)	$99	
Participant Savings	$68	68.5%
Non-Participant Savings	$31	31.5%

CONFIDENTIAL

6.70% Disc Rate

Linked to Revenue Requirement Calcualtion Model

Linked to Benefit Results File

Year	CEC Capacity MW	Year	Program Revenue Requirements - ($000) From Revenue Requirement Calcs Summary 2022 Solar	2023 Solar	2024 Solar	2022 NU	2023 NU	2024 NU	Total	Program Costs ($) Solar & N/U	Program Admin.	Total Program
		2019										
		2020										
0	0.0	2021	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$0	$1,020,079	$1,020,079
1	149.8	2022	$ 28,278	$ -	$ -	$ 2,580	$ -	$ -	$ 30,858	$30,858,064	$627,537	$31,485,601
2	449.4	2023	$ 26,795	$ 52,688	$ -	$ 2,512	$ 5,077	$ -	$ 87,071	$87,071,239	$683,076	$87,754,315
3	749.0	2024	$ 25,341	$ 49,877	$ 50,548	$ 2,435	$ 4,941	$ 5,179	$ 138,321	$138,321,485	$674,713	$138,996,198
4	749.0	2025	$ 24,272	$ 47,125	$ 47,754	$ 2,363	$ 4,788	$ 5,040	$ 131,341	$131,341,028	$656,197	$131,997,225
5	749.0	2026	$ 23,376	$ 45,114	$ 45,018	$ 2,294	$ 4,643	$ 4,883	$ 125,328	$125,328,293	$510,502	$125,838,795
6	749.0	2027	$ 20,348	$ 39,268	$ 41,285	$ 2,229	$ 4,507	$ 4,736	$ 112,373	$112,373,131	$565,092	$112,938,224
7	749.0	2028	$ 19,774	$ 37,995	$ 39,648	$ 2,166	$ 4,377	$ 4,597	$ 108,557	$108,556,509	$524,136	$109,080,645
8	749.0	2029	$ 19,313	$ 36,940	$ 38,416	$ 2,104	$ 4,252	$ 4,464	$ 105,490	$105,489,733	$545,442	$106,035,175
9	749.0	2030	$ 18,854	$ 36,103	$ 37,412	$ 2,042	$ 4,129	$ 4,337	$ 102,877	$102,876,568	$589,021	$103,465,589
10	749.0	2031	$ 18,417	$ 35,271	$ 36,629	$ 1,980	$ 4,005	$ 4,211	$ 100,513	$100,512,896	$372,402	$100,885,299
11	749.0	2032	$ 17,961	$ 34,481	$ 35,852	$ 1,918	$ 3,882	$ 4,086	$ 98,179	$98,179,378	$368,856	$98,548,235
12	749.0	2033	$ 17,501	$ 33,654	$ 35,118	$ 1,856	$ 3,759	$ 3,960	$ 95,848	$95,847,943	$427,437	$96,275,381
13	749.0	2034	$ 17,043	$ 32,821	$ 34,346	$ 1,794	$ 3,636	$ 3,834	$ 93,474	$93,474,328	$382,352	$93,856,680
14	749.0	2035	$ 16,673	$ 31,992	$ 33,568	$ 1,732	$ 3,513	$ 3,709	$ 91,186	$91,186,331	$399,404	$91,585,735
15	749.0	2036	$ 16,162	$ 31,337	$ 32,794	$ 1,670	$ 3,390	$ 3,583	$ 88,937	$88,936,995	$438,602	$89,375,597
16	749.0	2037	$ 15,711	$ 30,402	$ 32,195	$ 1,615	$ 3,267	$ 3,458	$ 86,648	$86,647,567	$414,151	$87,061,718
17	749.0	2038	$ 16,499	$ 32,089	$ 33,920	$ 1,574	$ 3,158	$ 3,332	$ 90,573	$90,572,620	$411,857	$90,984,477
18	749.0	2039	$ 15,906	$ 31,069	$ 32,958	$ 1,539	$ 3,077	$ 3,221	$ 87,772	$87,771,728	$471,728	$88,243,457
19	749.0	2040	$ 15,315	$ 29,990	$ 32,003	$ 1,505	$ 3,010	$ 3,139	$ 84,962	$84,961,956	$427,971	$85,389,928
20	749.0	2041	$ 14,786	$ 28,915	$ 30,991	$ 1,471	$ 2,943	$ 3,070	$ 82,175	$82,175,389	$446,393	$82,621,782
21	749.0	2042	$ 14,373	$ 27,959	$ 29,982	$ 1,436	$ 2,876	$ 3,002	$ 79,628	$79,628,352	$487,000	$80,115,352
22	749.0	2043	$ 13,825	$ 27,215	$ 29,090	$ 1,402	$ 2,810	$ 2,934	$ 77,276	$77,276,015	$464,001	$77,740,015
23	749.0	2044	$ 13,422	$ 26,222	$ 28,400	$ 1,368	$ 2,743	$ 2,866	$ 75,021	$75,020,684	$463,203	$75,483,886
24	749.0	2045	$ 12,914	$ 25,497	$ 27,472	$ 1,333	$ 2,676	$ 2,798	$ 72,691	$72,691,084	$524,614	$73,215,698
25	749.0	2046	$ 12,539	$ 24,579	$ 26,802	$ 1,299	$ 2,610	$ 2,730	$ 70,559	$70,559,219	$445,727	$71,004,946
26	749.0	2047	$ 12,068	$ 23,911	$ 25,947	$ 1,265	$ 2,543	$ 2,662	$ 68,397	$68,396,620	$480,783	$68,877,402
27	749.0	2048	$ 11,634	$ 23,061	$ 25,334	$ 1,231	$ 2,477	$ 2,594	$ 66,332	$66,331,777	$466,140	$66,797,917
28	749.0	2049	$ 11,238	$ 22,281	$ 24,544	$ 1,197	$ 2,411	$ 2,527	$ 64,197	$64,197,279	$497,808	$64,695,086
29	749.0	2050	$ 10,843	$ 21,570	$ 23,822	$ 1,163	$ 2,345	$ 2,459	$ 62,201	$62,201,468	$487,795	$62,689,263
30	749.0	2051	$ 14,057	$ 20,862	$ 23,166	$ 1,129	$ 2,279	$ 2,392	$ 63,884	$63,884,044	$524,113	$64,408,157
31	599.2	2052	$ -	$ 27,341	$ 22,513	$ -	$ 2,213	$ 2,324	$ 54,391	$54,391,359	$493,161	$54,884,520
32	299.6	2053	$ -	$ -	$ 29,017	$ -	$ -	$ 2,257	$ 31,274	$31,274,000	$494,950	$31,768,950
33	0.0	2054			$ -			$ -	$ -	$0	$0	$0
		NPV	$235	$411	$385	$24	$44	$42	$1	$1,140	$7	$1,148

Year	100% Variable Benefits ($MM's) 100.000% Fuel	100.000% VOM	100.000% Enviro	0.000% Carbon	Total	Fixed Benefits ($MMs) Capex,FOM,Gas Trans	CEC Prod GWh	CEC Prod MWh
2019								
2020								
2021	-	-	-	-	-	-	-	-
2022	(8.32)	(1.40)	(0.07)	-	(9.79)	-	367.47	367,470
2023	(24.19)	(3.84)	(0.11)	-	(28.15)	-	1,100.56	1,100,560
2024	(48.39)	(5.35)	(0.29)	-	(54.03)	-	1,834.33	1,834,330
2025	(48.69)	(4.43)	(0.34)	(4.66)	(58.12)	-	1,820.83	1,820,830
2026	(51.75)	(4.63)	(0.28)	(8.10)	(64.75)	-	1,811.74	1,811,740
2027	(56.97)	(5.10)	(0.17)	(11.21)	(73.46)	(10.97)	1,802.67	1,802,670
2028	(57.12)	(6.08)	(0.07)	(14.19)	(77.47)	(29.54)	1,797.90	1,797,900
2029	(67.12)	(5.25)	(0.38)	(19.65)	(92.39)	(25.26)	1,784.68	1,784,680
2030	(62.45)	(5.76)	0.08	(18.49)	(86.62)	(28.01)	1,775.76	1,775,760
2031	(73.26)	(6.69)	0.03	(22.39)	(102.32)	(23.71)	1,766.88	1,766,880
2032	(71.58)	(6.38)	0.11	(24.71)	(102.55)	(26.62)	1,762.21	1,762,210
2033	(73.57)	(5.76)	0.04	(28.01)	(107.30)	(22.29)	1,749.24	1,749,240
2034	(79.32)	(6.86)	(0.04)	(33.01)	(119.22)	(55.06)	1,740.51	1,740,510
2035	(77.60)	(7.07)	(0.06)	(35.12)	(119.85)	(84.03)	1,731.82	1,731,820
2036	(78.91)	(5.10)	(0.07)	(41.60)	(125.68)	(54.93)	1,727.25	1,727,250
2037	(87.95)	(2.37)	(0.07)	(50.33)	(140.72)	(34.36)	1,714.55	1,714,550
2038	(89.93)	(6.84)	(0.07)	(56.91)	(153.75)	(63.09)	1,705.97	1,705,970
2039	(95.08)	(6.77)	(0.06)	(66.88)	(168.79)	(82.99)	1,697.44	1,697,440
2040	(99.31)	(6.52)	(0.06)	(73.75)	(179.64)	(81.90)	1,692.97	1,692,970
2041	(101.99)	(6.70)	(0.06)	(80.65)	(189.39)	(80.82)	1,680.50	1,680,500
2042	(100.45)	(7.14)	(0.07)	(83.59)	(191.25)	(79.81)	1,672.09	1,672,090
2043	(105.55)	(7.88)	(0.06)	(91.79)	(205.28)	(78.93)	1,663.73	1,663,730
2044	(104.34)	(5.72)	(0.07)	(94.27)	(204.40)	(78.16)	1,659.36	1,659,360
2045	(111.42)	(7.99)	(0.07)	(101.43)	(220.91)	(77.40)	1,647.16	1,647,160
2046	(112.69)	(8.18)	(0.07)	(106.42)	(227.35)	(42.64)	1,638.92	1,638,920
2047	(111.18)	(4.32)	(0.07)	(109.47)	(225.04)	(18.17)	1,630.73	1,630,730
2048	(122.40)	(7.79)	(0.06)	(123.43)	(253.69)	(18.20)	1,625.97	1,625,970
2049	(115.34)	(7.40)	(0.07)	(120.81)	(243.63)	(18.22)	1,614.43	1,614,430
2050	(118.63)	(7.50)	(0.07)	(128.27)	(254.46)	(18.26)	1,606.38	1,606,380
2051	(128.12)	5.97	(0.07)	(143.88)	(266.09)	(18.28)	1,598.36	1,598,360
2052	(108.31)	(6.17)	(0.05)	(123.27)	(237.80)	(18.18)	1,276.79	1,276,790
2053	(56.08)	(5.01)	(0.03)	(65.12)	(126.23)	(18.07)	633.96	633,960
NPV	($827)	($65)	($1)	($434)	($1,327)	($353)		

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Commercial/Industrial/Residential

Year of Program	Subscription Fee $/kW-mo	Credit cents/kWh	Credit Esc %
1	8.35	4.037	
2	8.35	4.037	0.0%
3	8.35	4.037	0.0%
4	8.35	4.098	1.5%
5	8.35	4.159	1.5%
6	8.35	4.221	1.5%
7	8.35	4.284	1.5%
8	8.35	4.348	1.5%
9	8.35	4.413	1.5%
10	8.35	4.479	1.5%
11	8.35	4.546	1.5%
12	8.35	4.614	1.5%
13	8.35	4.683	1.5%
14	8.35	4.753	1.5%
15	8.35	4.824	1.5%
16	8.35	4.896	1.5%
17	8.35	4.969	1.5%
18	8.35	5.044	1.5%
19	8.35	5.12	1.5%
20	8.35	5.197	1.5%
21	8.35	5.275	1.5%
22	8.35	5.354	1.5%
23	8.35	5.434	1.5%
24	8.35	5.516	1.5%
25	8.35	5.599	1.5%
26	8.35	5.683	1.5%
27	8.35	5.768	1.5%
28	8.35	5.855	1.5%
29	8.35	5.943	1.5%
30	8.35	6.032	1.5%
31	8.35	6.032	0.0%
32	8.35	6.032	0.0%

Low and Moderate Income (LMI)

Program Year	Subscription Fee $/kW-mo	Credit $/kW-mo
All Years	8.35	9.03

- Solar and Network Capital Inputs
  - Capital costs from CEC - Project Cost Forecasting (Filing).xlsx
  - Includes AFUDC for 2022 assets due to 2 factor trigger being met on combined solar and network upgrades on a per project basis
- O&M Inputs
  - Assumptions based on similarly configured projects
  - Inputs based on COD year of individual projects
  - Estimates based on information provided in March 2020 request
- Property Taxes
  - Solar Projects use CEC - Solar Prop Tax (Filing).xlsx
  - Uses average rate from SoBRA projects and applies abatement through 2037 based on COD
  - Network Upgrades use standard DEF property tax assumptions based on gross book value as no abatements apply
- Land Lease
  - Estimated acreage based on standard configuration and layout
  - Lease rates, escalation and acreage based on combination of SoBRA results and initial CEC site development
  - CEC - Land Lease (Filing).xlsx
- WACC, Tax and AFUDC Rates
  - Derived from Standard Treasury Assumptions updated in March 2020
  - AFUDC rate based on May 2020 filing
  - Tax Rate based on forecasted composite rate beginning 2022

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Rates	
Federal Tax Rate	21.00%
Section 199 Deduction (for generating assets)	0.00%
Effective Federal Tax Rate	21.00%
State Tax Rate	5.50%
Composite Fed and State Tax Rate	25.35%
Allowed Rate of Return Pre-Tax	8.94%
Discount Rate	6.70%

Solar - Project Specific Inputs

Project Number	1	2	3	4
Number of Projects	0	0	0	0
Project Name	DEF-CEC-2022	DEF-CEC-2023	DEF-CEC-2022	DEF-CEC-2022
	COD	COD	COD	COD
Project Type	Solar PV	Solar PV	Solar PV	Solar PV
Size (MWs dc)	97.4	97.4	97.4	97.4
Size (MWs ac)	74.9	74.9	74.9	74.9
Asset life (years)	30	30	30	30
Year 1	2022	2023	2024	2025
CapEx ($000s)				
Direct Costs (solar)	$96,069	$92,199	$88,334	$0
Land	$0	$0	$0	$0
Direct Costs (transmission)	$3,060	$3,121	$3,184	$0
AFUDC (not eligible for ITC)	$3,610	$0	$0	$0
Total CapEx ($000s)	$102,738	$95,321	$91,517	$0
% eligible for ITC	96.5%	96.5%	96.5%	0.0%
Project Terminal Value				
Residual Value	-6.0%	-6.0%	-6.0%	-6.0%
Gross Residual Value (% of Construction)	($,948)	($,719)	($,491)	
Cost of Removal less Salvage ($000s)	$5,948	$5,719	$5,491	$0
Annual Accrual ($000s)	$198.26	$190.64	$183.03	$0.00
Tax Credits				
ITC	22%	22%	10%	0%
Year Monetized	2027	2027	2027	2027
% Monetized	100%	100%	100%	100%
Portion of ITC offsetting tax basis	50%	50%	50%	50%
2nd Yr Monetized	2028	2028	2028	2028
% 2nd Yr Monetized	0%	0%	0%	0%

Land Lease ($000s)	Land Lease Payments ($000's Nominal)	Land Lease Payments ($000's Nominal)	Land Lease Payments ($000's Nominal)	Land Lease Payments ($000's Nominal)
0	402	410	418	0
1	410	418	426	0
2	418	426	435	0
3	426	435	444	0
4	435	444	452	0
5	444	452	462	0
6	452	462	471	0
7	462	471	480	0
8	471	480	490	0
9	480	490	500	0
10	490	500	510	0
11	500	510	520	0
12	510	520	530	0
13	520	530	541	0
14	530	541	552	0
15	541	552	563	0
16	552	563	574	0
17	563	574	585	0
18	574	585	597	0
19	585	597	609	0
20	597	609	621	0
21	609	621	634	0
22	621	634	646	0
23	634	646	659	0
24	646	659	672	0
25	659	672	686	0
26	672	686	700	0
27	686	700	713	0
28	700	713	728	0
29	713	728	742	0

O&M ($000s)	Total O&M, excl Leases ($1,000's Nominal)	Total O&M, excl Leases ($1,000's Nominal)	Total O&M, excl Leases ($1,000's Nominal)	Total O&M, excl Leases ($1,000's Nominal)
1	614	623	634	
2	623	633	643	
3	637	647	658	
4	652	662	673	
5	672	682	694	
6	739	750	762	
7	756	768	780	
8	774	786	798	
9	792	804	817	
10	816	828	841	
11	830	843	856	
12	850	862	876	
13	869	883	897	
14	932	946	960	
15	916	929	944	
16	932	946	961	
17	954	968	984	
18	976	991	1007	
19	1000	1015	1031	
20	1028	1044	1061	
21	1048	1064	1081	
22	1073	1089	1107	
23	1098	1115	1133	
24	1125	1142	1161	
25	1157	1175	1194	
26	1180	1198	1218	
27	1208	1227	1247	
28	1238	1257	1278	
29	1268	1288	1309	
30	1304	1324	1346	

Property Taxes - ($1,000's Nominal)	Total P/T ($000s)	Total P/T ($000s)	Total P/T ($000s)	Total P/T ($000s)
1	344	320	307	-
2	334	310	297	-
3	327	303	291	-
4	316	293	282	-
5	306	284	272	-
6	295	274	263	-
7	285	264	254	-
8	274	254	246	-
9	264	245	235	-
10	250	231	222	-
11	239	222	213	-
12	225	209	200	-
13	211	196	188	-
14	197	183	175	-
15	183	170	814	-
16	169	783	751	-
17	773	717	688	-
18	685	636	610	-
19	597	554	532	-
20	527	489	470	-
21	527	489	470	-
22	457	424	407	-
23	457	424	407	-
24	404	375	360	-
25	404	375	360	-
26	369	342	329	-
27	351	326	313	-
28	351	326	313	-
29	351	326	313	-
30	351	326	313	-

Non-operating O&M ($000s)				
Property tax rate (solar)	0.00%	0.00%	0.00%	0.00%
Property tax basis reduction (solar)	0%	0%	0%	0%
Property tax rate (transmission)	0.00%	0.00%	0.00%	0.00%
Insurance rate	0.12%	0.12%	0.12%	0.12%
Insurance inflation rate	3.0%	3.0%	3.0%	3.0%

Capital Adds & Mods - ($1,000's Nominal)	Adds&Mods ($000s)	Adds&Mods ($000s)	Adds&Mods ($000s)	Adds&Mods ($000s)
1	-	-	-	-
2	-	-	-	-
3	-	-	-	-
4	-	-	-	-
5	100	100	100	
6	49	49	49	
7	57	57	57	
8	63	63	63	
9	70	70	70	
10	176	176	176	
11	81	81	81	
12	86	86	86	
13	90	90	90	
14	93	93	93	
15	211	211	211	
16	99	99	99	
17	101	101	101	
18	102	102	102	
19	103	103	103	
20	203	203	203	
21	103	103	103	
22	102	102	102	
23	101	101	101	
24	100	100	100	
25	198	198	198	
26	96	96	96	
27	93	93	93	
28	91	91	91	
29	88	88	88	
30	185	185	185	

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Rates	
Federal Tax Rate	21%
Section 199 Deduction (for generating assets)	0%
Effective Federal Tax Rate	21.00%
State Tax Rate	5.50%
Composite Fed and State Tax Rate	25.35%
Allowed Rate of Return Pre-Tax	8.94%
Discount Rate	6.70%

Network Upgrade - Project Specific Inputs

Project Number	1	2	3	4
Number of Projects	2	4	4	0
Project Name	DEF-Network upgrade - 2022	DEF-Utility Solar Site Plan - 2023	DEF-Utility Solar Site Plan - 2024	Placeholder 4
Project Type	Transmission	Solar	Solar	Solar
Size (MWs dc)	0.0	0.0	0.0	0.0
Size (MWs ac)	1.0	1.0	1.0	1.0
Asset life (years)	40	40	40	40
COD Year	2022	2023	2024	2025
CapEx ($000s)				
Direct Costs (solar)	$0	$0	$0	$0
Land	$0	$0	$0	$0
Direct Costs (transmission)	$10,200	$10,404	$10,612	$0
AFUDC (not eligible for ITC)	$371	$0	$0	$0
Total CapEx ($000s)	$10,571	$10,404	$10,612	$0
% eligible for ITC	0.0%	0.0%	0.0%	0.0%
Project Terminal Value				
Residual Value	0.0%	0.0%	0.0%	0.0%
Gross Residual Value (% of Construction)	0	0	0	0
Cost of Removal less Salvage ($000s)	$0	$0	$0	$0
Annual Accrual	$0	$0	$0	$0
Tax Credits				
ITC	0%	0%	0%	0%
Year Monetized	2027	2027	2027	2027
% Monetized	100%	100%	100%	100%
Portion of ITC offsetting tax basis	50%	50%	50%	50%
2nd Yr Monetized	2028	2028	2028	2028
% 2n Yr. Monetized	0%	0%	0%	0%

Land Lease ($000s)	Land Lease Payments ($1,000's Nominal)	Land Lease Payments ($1,000's Nominal)	Land Lease Payments ($1,000's Nominal)	Land Lease Payments ($1,000's Nominal)
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O&M ($000s)	O&M ($1,000's Nominal)	O&M ($1,000's Nominal)	O&M ($1,000's Nominal)	O&M ($1,000's Nominal)
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Non-operating O&M ($000s)				
Property tax rate (solar)	0.00%	0.00%	0.00%	0.00%
Property tax basis reduction (solar)	0%	0%	0%	0%
Property tax rate (transmission)	0.78%	0.78%	0.78%	0.78%
Insurance ratio	0.12%	0.12%	0.12%	0.12%
Insurance inflation rate	3.0%	3.0%	3.0%	3.0%

Capital Adds & Mods - ($1,000's Nominal)				
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	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG
1	*($ in thousands)*																																
2																																	
3	Summary of Inputs																																
4	Year 1	2022																															
5	Investment	102,738																															
6	Investment (Non-AFUDC)	99,129																															
7	Investment (AFUDC)	3,610																															
8	ITC eligible basis	99,142																															
9	Federal ITC	21,811																															
10	Useful life (years)	30																															
11	# of years		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
12	Year		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	
13	Gross Plant- Initial Capital		102,738	102,738	102,738	102,738	102,738	102,738	102,738	102,738	102,738	102,738	102,738	102,738	102,738	102,738	102,738	102,738	102,738	102,738	102,738	102,738	102,738	102,738	102,738	102,738	102,738	102,738	102,738	102,738	102,738	102,738	
14	Cumulative Adds & Mods		-	-	-	-	100	149	206	269	339	515	596	681	771	864	1,076	1,174	1,275	1,377	1,480	1,682	1,785	1,887	1,988	2,088	2,285	2,381	2,474	2,565	2,654	2,839	
15	Gross Plant		102,738	102,738	102,738	102,738	102,838	102,887	102,944	103,007	103,077	103,253	103,334	103,419	103,509	103,603	103,814	103,913	104,013	104,115	104,218	104,421	104,523	104,625	104,726	104,826	105,023	105,119	105,212	105,303	105,392	105,577	
16	Annual Depreciation		(3,425)	(3,425)	(3,425)	(3,425)	(3,428)	(3,430)	(3,431)	(3,434)	(3,436)	(3,442)	(3,444)	(3,447)	(3,450)	(3,453)	(3,460)	(3,464)	(3,467)	(3,471)	(3,474)	(3,481)	(3,484)	(3,488)	(3,491)	(3,494)	(3,501)	(3,504)	(3,507)	(3,510)	(3,513)	(5,175)	
17	Accumulated Depreciation		(3,425)	(6,849)	(10,274)	(13,698)	(17,126)	(20,556)	(23,987)	(27,421)	(30,857)	(34,299)	(37,743)	(41,190)	(44,641)	(48,094)	(51,555)	(55,018)	(58,485)	(61,956)	(65,430)	(68,911)	(72,395)	(75,882)	(79,373)	(82,867)	(86,368)	(89,872)	(93,379)	(96,889)	(100,402)	(105,577)	
18	Cost of Removal/Salvage Accrual		(198)	(198)	(198)	(198)	(198)	(198)	(198)	(198)	(198)	(198)	(198)	(198)	(198)	(198)	(198)	(198)	(198)	(198)	(198)	(198)	(198)	(198)	(198)	(198)	(198)	(198)	(198)	(198)	(198)	(198)	
19	Cost of Removal/Salvage Realization		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5,948	
20	Accumulated Cost of Removal/Salvage Accrual		(198)	(397)	(595)	(793)	(991)	(1,190)	(1,388)	(1,586)	(1,784)	(1,983)	(2,181)	(2,379)	(2,577)	(2,776)	(2,974)	(3,172)	(3,370)	(3,569)	(3,767)	(3,965)	(4,163)	(4,362)	(4,560)	(4,758)	(4,956)	(5,155)	(5,353)	(5,551)	(5,749)	-	
21	Accumulated Deferred Taxes		(3,493)	(9,575)	(12,935)	(14,659)	(16,378)	(16,872)	(16,141)	(15,408)	(14,675)	(13,944)	(13,216)	(12,486)	(11,756)	(11,027)	(10,299)	(9,563)	(8,815)	(8,066)	(7,318)	(6,570)	(5,805)	(5,021)	(4,236)	(3,450)	(2,664)	(1,879)	(1,092)	(303)	487	0	
22	Rate Base		95,622	85,917	78,935	73,588	68,342	64,269	61,427	58,593	55,761	53,027	50,194	47,364	44,535	41,706	38,987	36,160	33,342	30,524	27,703	24,975	22,160	19,360	16,558	13,750	11,035	8,213	5,389	2,560	(273)	0	
23																																	
24	WACC Revenue Requirement on Rate Base	8.94%	8,867	8,115	7,369	6,818	6,344	5,928	5,619	5,365	5,112	4,863	4,614	4,361	4,108	3,855	3,607	3,359	3,107	2,855	2,603	2,355	2,107	1,856	1,606	1,355	1,108	860	608	355	102	(12)	
25	Federal ITC Amortization		-	-	-	-	-	(872)	(872)	(872)	(872)	(872)	(872)	(872)	(872)	(872)	(872)	(872)	(872)	(872)	(872)	(872)	(872)	(872)	(872)	(872)	(872)	(872)	(872)	(872)	(872)	(872)	
26	Gross-up on Federal ITC Amortization		-	-	-	-	-	(296)	(296)	(296)	(296)	(296)	(296)	(296)	(296)	(296)	(296)	(296)	(296)	(296)	(296)	(296)	(296)	(296)	(296)	(296)	(296)	(296)	(296)	(296)	(296)	(296)	
27	Gross-up on Book/Tax SL depreciation Difference		164	164	164	164	164	164	164	164	164	164	164	164	164	164	164	164	164	164	164	164	164	164	164	164	164	164	164	164	164	164	
28	Depreciation Expense		3,425	3,425	3,425	3,425	3,428	3,430	3,431	3,434	3,436	3,442	3,444	3,447	3,450	3,453	3,460	3,464	3,467	3,471	3,474	3,481	3,484	3,488	3,491	3,494	3,501	3,504	3,507	3,510	3,513	5,175	
29	Cost of Removal/Salvage Accrual		198	198	198	198	198	198	198	198	198	198	198	198	198	198	198	198	198	198	198	198	198	198	198	198	198	198	198	198	198	198	
30	O&M - operating		614	623	637	652	672	739	756	774	792	816	830	850	869	932	916	932	954	976	1,000	1,028	1,048	1,073	1,098	1,125	1,157	1,180	1,208	1,238	1,268	1,304	
31	Lease expense		402	410	418	426	435	444	452	462	471	480	490	500	510	520	530	541	552	563	574	585	597	609	621	634	646	659	672	686	700	713	
32	Property Taxes		344	334	327	316	306	295	285	274	264	250	239	225	211	197	183	169	773	685	597	527	527	457	457	404	404	369	351	351	351	351	
33	Insurance		125	129	133	137	141	145	150	154	159	164	169	174	180	185	191	197	203	210	216	223	230	237	244	252	260	268	276	285	294	303	
34	Sum of Revenue Requirements ($000)		$14,139	$13,397	$12,671	$12,136	$11,688	$10,174	$9,887	$9,656	$9,427	$9,208	$8,980	$8,750	$8,522	$8,336	$8,081	$7,855	$8,250	$7,953	$7,657	$7,393	$7,186	$6,913	$6,711	$6,457	$6,270	$6,034	$5,817	$5,619	$5,422	$7,028	
35	NPV of Revenue Requirements	125,499																															
36	Levelized Revenue Requirement	125,499	9,810	9,810	9,810	9,810	9,810	9,810	9,810	9,810	9,810	9,810	9,810	9,810	9,810	9,810	9,810	9,810	9,810	9,810	9,810	9,810	9,810	9,810	9,810	9,810	9,810	9,810	9,810	9,810	9,810	9,810	
37																																	
38	Deferred Income Tax Calculation																																
39	Book Basis		99,129	99,129	99,129	99,129	99,129	99,129	99,129	99,129	99,129	99,129	99,129	99,129	99,129	99,129	99,129	99,129	99,129	99,129	99,129	99,129	99,129	99,129	99,129	99,129	99,129	99,129	99,129	99,129	99,129	99,129	
40	Federal ITC Basis Reduction		(10,906)	(10,906)	(10,906)	(10,906)	(10,906)	(10,906)	(10,906)	(10,906)	(10,906)	(10,906)	(10,906)	(10,906)	(10,906)	(10,906)	(10,906)	(10,906)	(10,906)	(10,906)	(10,906)	(10,906)	(10,906)	(10,906)	(10,906)	(10,906)	(10,906)	(10,906)	(10,906)	(10,906)	(10,906)	(10,906)	
41	Land		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
42	Tax Basis		88,223	88,223	88,223	88,223	88,223	88,223	88,223	88,223	88,223	88,223	88,223	88,223	88,223	88,223	88,223	88,223	88,223	88,223	88,223	88,223	88,223	88,223	88,223	88,223	88,223	88,223	88,223	88,223	88,223	88,223	
43	Tax Accelerated Depreciation	91,062	16,923	27,135	16,395	9,941	9,926	5,095	261	254	259	273	284	283	285	289	303	273	231	232	235	245	181	107	106	108	116	120	115	112	111	863	
44	Tax Straight Line Depreciation	91,062	2,941	2,941	2,941	2,941	2,944	2,946	2,948	2,950	2,952	2,958	2,961	2,963	2,966	2,970	2,977	2,980	2,983	2,987	2,990	2,997	3,000	3,004	3,007	3,010	3,017	3,020	3,023	3,026	3,029	4,691	
45	Difference	(0)	13,982	24,195	13,454	7,000	6,982	2,149	(2,686)	(2,696)	(2,693)	(2,685)	(2,677)	(2,680)	(2,681)	(2,680)	(2,673)	(2,707)	(2,752)	(2,755)	(2,755)	(2,751)	(2,819)	(2,897)	(2,901)	(2,902)	(2,901)	(2,900)	(2,908)	(2,915)	(2,918)	(3,828)	
46	Tax Effect of Difference (Deferred tax)	**(0)**	3,544	6,132	3,410	1,774	1,769	545	(681)	(683)	(683)	(680)	(678)	(679)	(680)	(679)	(678)	(686)	(697)	(698)	(698)	(697)	(715)	(734)	(735)	(736)	(735)	(735)	(737)	(739)	(740)	(970)	
47	Tax Effect of Cost of Removal/Salvage	5,948	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5,948	
48	Book Effect of Cost of Removal/Salvage	5,948	198	198	198	198	198	198	198	198	198	198	198	198	198	198	198	198	198	198	198	198	198	198	198	198	198	198	198	198	198	198	
49	Difference	-	(198)	(198)	(198)	(198)	(198)	(198)	(198)	(198)	(198)	(198)	(198)	(198)	(198)	(198)	(198)	(198)	(198)	(198)	(198)	(198)	(198)	(198)	(198)	(198)	(198)	(198)	(198)	(198)	(198)	5,749	
50	Tax Effect of Difference (Deferred tax)	-	(50)	(50)	(50)	(50)	(50)	(50)	(50)	(50)	(50)	(50)	(50)	(50)	(50)	(50)	(50)	(50)	(50)	(50)	(50)	(50)	(50)	(50)	(50)	(50)	(50)	(50)	(50)	(50)	(50)	1,457	
51	Total Deferred Tax	(0)	3,493	6,082	3,360	1,724	1,719	494	(731)	(733)	(733)	(731)	(729)	(730)	(730)	(730)	(728)	(736)	(748)	(749)	(749)	(748)	(765)	(784)	(785)	(786)	(785)	(785)	(787)	(789)	(790)	487	
52	Accumulated Deferred Taxes		3,493	9,575	12,935	14,659	16,378	16,872	16,141	15,408	14,675	13,944	13,216	12,486	11,756	11,027	10,299	9,563	8,815	8,066	7,318	6,570	5,805	5,021	4,236	3,450	2,664	1,879	1,092	303	(487)	(0)	
53																																	
54																																	
55																																	
56	Insurance Expense ($000s)																																
57	Insurance - base rate (% of Plant)	0.12%																															
58	Insurance - inflation rate	3.0%																															
59	Insurance Expense ($000s)		125	129	133	137	141	145	150	154	159	164	169	174	180	185	191	197	203	210	216	223	230	237	244	252	260	268	276	285	294	303	
60																																	
61																																	
62																																	
63																																	

Federal Tax Depreciation	
Capital Expenditures	102,738
Capital Expenditures - Solar	96,069
Capital Expenditures - Transmission	3,060
ITC Eligible Amount	99,142
ITC	21,811
Portion of ITC offsetting tax basis	10,906
Less land	-
Tax Basis	88,223
Asset useful life	30

MACRS Schedule - Initial Investment

Distribution	Year	5-yr	7-yr	15-yr	20-yr	39-yr	Composite	Fed Tax Deprec
		94.85%	**0.00%**	**1.53%**	**3.62%**	**0.00%**	100.00%	
2022	1	**20.00%**	**14.29%**	**5.00%**	**3.75%**	**0.11%**	19.1817%	16,923
2023	2	**32.00%**	**24.49%**	**9.50%**	**7.22%**	**2.56%**	30.7578%	27,135
2024	3	**19.20%**	**17.49%**	**8.55%**	**6.68%**	**2.56%**	18.5832%	16,395
2025	4	**11.52%**	**12.49%**	**7.70%**	**6.18%**	**2.56%**	11.2679%	9,941
2026	5	**11.52%**	**8.93%**	**6.93%**	**5.71%**	**2.56%**	11.2393%	9,916
2027	6	**5.76%**	**8.92%**	**6.23%**	**5.29%**	**2.56%**	5.7499%	5,073
2028	7	**0.00%**	**8.93%**	**5.90%**	**4.89%**	**2.56%**	0.2673%	236
2029	8	**0.00%**	**4.46%**	**5.90%**	**4.52%**	**2.56%**	0.2540%	224
2030	9	**0.00%**	**0.00%**	**5.91%**	**4.46%**	**2.56%**	0.2519%	222
2031	10	**0.00%**	**0.00%**	**5.90%**	**4.46%**	**2.56%**	0.2517%	222
2032	11	**0.00%**	**0.00%**	**5.91%**	**4.46%**	**2.56%**	0.2519%	222
2033	12	**0.00%**	**0.00%**	**5.90%**	**4.46%**	**2.56%**	0.2517%	222
2034	13	**0.00%**	**0.00%**	**5.91%**	**4.46%**	**2.56%**	0.2519%	222
2035	14	**0.00%**	**0.00%**	**5.90%**	**4.46%**	**2.56%**	0.2517%	222
2036	15	**0.00%**	**0.00%**	**5.91%**	**4.46%**	**2.56%**	0.2519%	222
2037	16	**0.00%**	**0.00%**	**2.95%**	**4.46%**	**2.56%**	0.2067%	182

MACRS Schedule - Adds & Mods

Year	5-yr	7-yr	15-yr	20-yr	39-yr	Composite
	37.82%	**0.00%**	**10.65%**	**51.53%**	**0.00%**	100.00%
1	**20.00%**	**14.29%**	**5.00%**	**3.75%**	**0.11%**	10.0286%
2	**32.00%**	**24.49%**	**9.50%**	**7.22%**	**2.56%**	16.8337%
3	**19.20%**	**17.49%**	**8.55%**	**6.68%**	**2.56%**	11.6124%
4	**11.52%**	**12.49%**	**7.70%**	**6.18%**	**2.56%**	8.3598%
5	**11.52%**	**8.93%**	**6.93%**	**5.71%**	**2.56%**	8.0387%
6	**5.76%**	**8.92%**	**6.23%**	**5.29%**	**2.56%**	5.5653%
7	**0.00%**	**8.93%**	**5.90%**	**4.89%**	**2.56%**	3.1472%
8	**0.00%**	**4.46%**	**5.90%**	**4.52%**	**2.56%**	2.9586%
9	**0.00%**	**0.00%**	**5.91%**	**4.46%**	**2.56%**	2.9287%
10	**0.00%**	**0.00%**	**5.90%**	**4.46%**	**2.56%**	2.9271%
11	**0.00%**	**0.00%**	**5.91%**	**4.46%**	**2.56%**	2.9287%
12	**0.00%**	**0.00%**	**5.90%**	**4.46%**	**2.56%**	2.9271%
13	**0.00%**	**0.00%**	**5.91%**	**4.46%**	**2.56%**	2.9287%
14	**0.00%**	**0.00%**	**5.90%**	**4.46%**	**2.56%**	2.9271%
15	**0.00%**	**0.00%**	**5.91%**	**4.46%**	**2.56%**	2.9287%
16	**0.00%**	**0.00%**	**2.95%**	**4.46%**	**2.56%**	2.6130%

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	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG
167	2022	88,223		2,941	2,941	2,941	2,941	2,941	2,941	2,941	2,941	2,941	2,941	2,941	2,941	2,941	2,941	2,941	2,941	2,941	2,941	2,941	2,941	2,941	2,941	2,941	2,941	2,941	2,941	2,941	2,941	2,941	2,941
168	2023	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
169	2024	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
170	2025	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
171	2026	100		-	-	-	-	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	17
172	2027	49		-	-	-	-	-	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	10
173	2028	57		-	-	-	-	-	-	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	13
174	2029	63		-	-	-	-	-	-	-	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	17
175	2030	70		-	-	-	-	-	-	-	-	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	21
176	2031	176		-	-	-	-	-	-	-	-	-	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	59
177	2032	81		-	-	-	-	-	-	-	-	-	-	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	30
178	2033	86		-	-	-	-	-	-	-	-	-	-	-	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	34
179	2034	90		-	-	-	-	-	-	-	-	-	-	-	-	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	39
180	2035	93		-	-	-	-	-	-	-	-	-	-	-	-	-	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	44
181	2036	211		-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	106
182	2037	99		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	53
183	2038	101		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	3	3	3	3	3	3	3	3	3	3	3	3	3	57
184	2039	102		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	3	3	3	3	3	3	3	3	3	3	3	3	61
185	2040	103		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	3	3	3	3	3	3	3	3	3	3	3	65
186	2041	203		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	7	7	7	7	7	7	7	7	7	7	135
187	2042	103		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	3	3	3	3	3	3	3	3	72
188	2043	102		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	3	3	3	3	3	3	3	75
189	2044	101		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	3	3	3	3	3	3	77
190	2045	100		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	3	3	3	3	3	80
191	2046	198		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	7	7	7	7	165
192	2047	96		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	3	3	3	83
193	2048	93		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	3	3	84
194	2049	91		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	3	85
195	2050	88		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	85
196	2051	185		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	185
197	Total Tax Straight Line Depreciation	91,062		2,941	2,941	2,941	2,941	2,944	2,946	2,948	2,950	2,952	2,958	2,961	2,963	2,966	2,970	2,977	2,980	2,983	2,987	2,990	2,997	3,000	3,004	3,007	3,010	3,017	3,020	3,023	3,026	3,029	4,691
198																																	
199																																	
200																																	

201	Year of monetization	2027	2028
202	% monetized	100%	0%
203	ITC	21,811	-
204	Asset useful life	30	30
205	# of years w/out fed tax appetite	5	6
206	# of years to amortize ITC	25	24
207	Annual ITC amortization	872	-

208																																	
209	Year Number		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
210	Year		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	
211	1st Year ITC Amortization schedule		-	-	-	-	-	872	872	872	872	872	872	872	872	872	872	872	872	872	872	872	872	872	872	872	872	872	872	872	872	872	
212	1st Year Annual ITC		-	-	-	-	-	21,811	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
213	1st Year 1/2 of ITC		-	-	-	-	-	10,906	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
214																																	
215	2nd Year ITC Amortization schedule			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
216	2nd Year Annual ITC			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
217	2nd Year 1/2 of ITC			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
218																																	
219	Total ITC Amortization schedule		-	-	-	-	-	872	872	872	872	872	872	872	872	872	872	872	872	872	872	872	872	872	872	872	872	872	872	872	872	872	
220	Total Annual ITC		-	-	-	-	-	21,811	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
221	Cumulative ITC		-	-	-	-	-	21,811	21,811	21,811	21,811	21,811	21,811	21,811	21,811	21,811	21,811	21,811	21,811	21,811	21,811	21,811	21,811	21,811	21,811	21,811	21,811	21,811	21,811	21,811	21,811	21,811	
222	Total 1/2 of ITC		-	-	-	-	-	10,906	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
223																																	
224	ITC		-	-	-	-	-	21,811	21,811	21,811	21,811	21,811	21,811	21,811	21,811	21,811	21,811	21,811	21,811	21,811	21,811	21,811	21,811	21,811	21,811	21,811	21,811	21,811	21,811	21,811	21,811	21,811	
225	ITC Amortization		-	-	-	-	-	(872)	(872)	(872)	(872)	(872)	(872)	(872)	(872)	(872)	(872)	(872)	(872)	(872)	(872)	(872)	(872)	(872)	(872)	(872)	(872)	(872)	(872)	(872)	(872)	(872)	
226	Accumulated ITC Amortization		-	-	-	-	-	(872)	(1,745)	(2,617)	(3,490)	(4,362)	(5,235)	(6,107)	(6,980)	(7,852)	(8,725)	(9,597)	(10,469)	(11,342)	(12,214)	(13,087)	(13,959)	(14,832)	(15,704)	(16,577)	(17,449)	(18,321)	(19,194)	(20,066)	(20,939)	(21,811)	
227	Unamortized ITC		-	-	-	-	-	20,939	20,066	19,194	18,321	17,449	16,577	15,704	14,832	13,959	13,087	12,214	11,342	10,469	9,597	8,725	7,852	6,980	6,107	5,235	4,362	3,490	2,617	1,745	872	-	

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($ in thousands)

Summary of Inputs

Year 1	2023
Investment	95,321
Investment (Non-AFUDC)	95,321
Investment (AFUDC)	-
ITC eligible basis	91,984
Federal ITC	20,237
Useful life (years)	30

# of years	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
Year	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052
Gross Plant- Initial Capital	95,321	95,321	95,321	95,321	95,321	95,321	95,321	95,321	95,321	95,321	95,321	95,321	95,321	95,321	95,321	95,321	95,321	95,321	95,321	95,321	95,321	95,321	95,321	95,321	95,321	95,321	95,321	95,321	95,321	95,321
Cumulative Adds & Mods	-	-	-	-	100	149	206	269	339	515	596	681	771	864	1,076	1,174	1,275	1,377	1,480	1,682	1,785	1,887	1,988	2,088	2,285	2,381	2,474	2,565	2,654	2,839
Gross Plant	95,321	95,321	95,321	95,321	95,421	95,470	95,527	95,590	95,660	95,835	95,916	96,002	96,092	96,185	96,396	96,495	96,596	96,698	96,800	97,003	97,106	97,208	97,309	97,408	97,606	97,702	97,795	97,886	97,974	98,160
Annual Depreciation	(3,177)	(3,177)	(3,177)	(3,177)	(3,181)	(3,182)	(3,184)	(3,186)	(3,189)	(3,195)	(3,197)	(3,200)	(3,203)	(3,206)	(3,213)	(3,217)	(3,220)	(3,223)	(3,227)	(3,233)	(3,237)	(3,240)	(3,244)	(3,247)	(3,254)	(3,257)	(3,260)	(3,263)	(3,266)	(4,928)
Accumulated Depreciation	(3,177)	(6,355)	(9,532)	(12,709)	(15,890)	(19,072)	(22,257)	(25,443)	(28,632)	(31,826)	(35,023)	(38,223)	(41,426)	(44,633)	(47,846)	(51,062)	(54,282)	(57,505)	(60,732)	(63,966)	(67,202)	(70,443)	(73,686)	(76,933)	(80,187)	(83,443)	(86,703)	(89,966)	(93,232)	(98,160)
Cost of Removal/Salvage Accrual	(191)	(191)	(191)	(191)	(191)	(191)	(191)	(191)	(191)	(191)	(191)	(191)	(191)	(191)	(191)	(191)	(191)	(191)	(191)	(191)	(191)	(191)	(191)	(191)	(191)	(191)	(191)	(191)	(191)	(191)
Cost of Removal/Salvage Realization	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5,719
Accumulated Cost of Removal/Salvage Accrual	(191)	(381)	(572)	(763)	(953)	(1,144)	(1,334)	(1,525)	(1,716)	(1,906)	(2,097)	(2,288)	(2,478)	(2,669)	(2,860)	(3,050)	(3,241)	(3,432)	(3,622)	(3,813)	(4,003)	(4,194)	(4,385)	(4,575)	(4,766)	(4,957)	(5,147)	(5,338)	(5,529)	-
Accumulated Deferred Taxes	(3,368)	(9,232)	(12,472)	(14,134)	(15,793)	(16,270)	(15,567)	(14,860)	(14,155)	(13,451)	(12,750)	(12,048)	(11,345)	(10,643)	(9,942)	(9,234)	(8,514)	(7,793)	(7,073)	(6,353)	(5,616)	(4,859)	(4,101)	(3,343)	(2,585)	(1,827)	(1,067)	(306)	457	(0)
Rate Base	88,585	79,353	72,745	67,714	62,784	58,983	56,369	53,761	51,157	48,651	46,046	43,443	40,842	38,241	35,749	33,149	30,559	27,967	25,373	22,871	20,283	17,711	15,136	12,556	10,068	7,474	4,877	2,276	(330)	(0)
WACC Revenue Requirement on Rate Base (8.94%)	8,221	7,507	6,799	6,279	5,833	5,443	5,156	4,923	4,690	4,461	4,233	4,000	3,768	3,535	3,307	3,080	2,848	2,616	2,384	2,157	1,929	1,698	1,468	1,238	1,011	784	552	320	87	(15)
Federal ITC Amortization	-	-	-	-	(778)	(778)	(778)	(778)	(778)	(778)	(778)	(778)	(778)	(778)	(778)	(778)	(778)	(778)	(778)	(778)	(778)	(778)	(778)	(778)	(778)	(778)	(778)	(778)	(778)	(778)
Gross-up on Federal ITC Amortization	-	-	-	-	(264)	(264)	(264)	(264)	(264)	(264)	(264)	(264)	(264)	(264)	(264)	(264)	(264)	(264)	(264)	(264)	(264)	(264)	(264)	(264)	(264)	(264)	(264)	(264)	(264)	(264)
Gross-up on Book/Tax SL depreciation Difference	115	115	115	115	115	115	115	115	115	115	115	115	115	115	115	115	115	115	115	115	115	115	115	115	115	115	115	115	115	115
Depreciation Expense	3,177	3,177	3,177	3,177	3,181	3,182	3,184	3,186	3,189	3,195	3,197	3,200	3,203	3,206	3,213	3,217	3,220	3,223	3,227	3,233	3,237	3,240	3,244	3,247	3,254	3,257	3,260	3,263	3,266	4,928
Cost of Removal/Salvage Accrual	191	191	191	191	191	191	191	191	191	191	191	191	191	191	191	191	191	191	191	191	191	191	191	191	191	191	191	191	191	191
O&M - operating	623	633	647	662	682	750	768	786	804	828	843	862	883	946	929	946	968	991	1,015	1,044	1,064	1,089	1,115	1,142	1,175	1,198	1,227	1,257	1,288	1,324
Lease expense	410	418	426	435	444	452	462	471	480	490	500	510	520	530	541	552	563	574	585	597	609	621	634	646	659	672	686	700	713	728
Property Taxes	320	310	303	293	284	274	264	254	245	231	222	209	196	183	170	783	717	636	554	489	489	424	424	375	375	342	326	326	326	326
Insurance	116	120	123	127	131	135	139	143	148	152	157	162	167	172	178	183	189	195	201	207	214	220	227	234	242	249	257	265	273	282
Sum of Revenue Requirements ($000)	$13,172	$12,469	$11,781	$11,278	$9,817	$9,499	$9,235	$9,026	$8,818	$8,620	$8,414	$8,205	$7,998	$7,834	$7,600	$8,022	$7,767	$7,498	$7,229	$6,990	$6,804	$6,556	$6,374	$6,145	$5,978	$5,765	$5,570	$5,392	$5,216	$6,835
NPV of Revenue Requirements	116,949																													
Levelized Revenue Requirement	116,949	9,142	9,142	9,142	9,142	9,142	9,142	9,142	9,142	9,142	9,142	9,142	9,142	9,142	9,142	9,142	9,142	9,142	9,142	9,142	9,142	9,142	9,142	9,142	9,142	9,142	9,142	9,142	9,142	9,142

Deferred Income Tax Calculation

Book Basis	95,321	95,321	95,321	95,321	95,321	95,321	95,321	95,321	95,321	95,321	95,321	95,321	95,321	95,321	95,321	95,321	95,321	95,321	95,321	95,321	95,321	95,321	95,321	95,321	95,321	95,321	95,321	95,321	95,321	95,321
Federal ITC Basis Reduction	(10,118)	(10,118)	(10,118)	(10,118)	(10,118)	(10,118)	(10,118)	(10,118)	(10,118)	(10,118)	(10,118)	(10,118)	(10,118)	(10,118)	(10,118)	(10,118)	(10,118)	(10,118)	(10,118)	(10,118)	(10,118)	(10,118)	(10,118)	(10,118)	(10,118)	(10,118)	(10,118)	(10,118)	(10,118)	(10,118)
Land	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tax Basis	85,202	85,202	85,202	85,202	85,202	85,202	85,202	85,202	85,202	85,202	85,202	85,202	85,202	85,202	85,202	85,202	85,202	85,202	85,202	85,202	85,202	85,202	85,202	85,202	85,202	85,202	85,202	85,202	85,202	85,202
Tax Accelerated Depreciation (88,041)	16,318	26,168	15,814	9,592	9,577	4,920	261	253	258	272	283	283	284	289	302	274	234	234	237	248	182	107	106	108	116	120	115	112	111	863
Tax Straight Line Depreciation (88,041)	2,840	2,840	2,840	2,840	2,843	2,845	2,847	2,849	2,851	2,857	2,860	2,863	2,866	2,869	2,876	2,879	2,883	2,886	2,889	2,896	2,900	2,903	2,906	2,910	2,916	2,919	2,923	2,926	2,929	4,590
Difference 0	13,478	23,328	12,974	6,752	6,734	2,075	(2,586)	(2,596)	(2,593)	(2,585)	(2,577)	(2,580)	(2,581)	(2,580)	(2,573)	(2,605)	(2,649)	(2,652)	(2,652)	(2,648)	(2,717)	(2,796)	(2,800)	(2,802)	(2,800)	(2,799)	(2,807)	(2,814)	(2,818)	(3,727)
Tax Effect of Difference (Deferred tax) 0	3,416	5,912	3,288	1,711	1,707	526	(655)	(658)	(657)	(655)	(653)	(654)	(654)	(654)	(652)	(660)	(671)	(672)	(672)	(671)	(689)	(709)	(710)	(710)	(710)	(709)	(712)	(713)	(714)	(945)
Tax Effect of Cost of Removal/Salvage 5,719	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5,719
Book Effect of Cost of Removal/Salvage 5,719	191	191	191	191	191	191	191	191	191	191	191	191	191	191	191	191	191	191	191	191	191	191	191	191	191	191	191	191	191	191
Difference -	(191)	(191)	(191)	(191)	(191)	(191)	(191)	(191)	(191)	(191)	(191)	(191)	(191)	(191)	(191)	(191)	(191)	(191)	(191)	(191)	(191)	(191)	(191)	(191)	(191)	(191)	(191)	(191)	(191)	5,529
Tax Effect of Difference (Deferred tax) -	(48)	(48)	(48)	(48)	(48)	(48)	(48)	(48)	(48)	(48)	(48)	(48)	(48)	(48)	(48)	(48)	(48)	(48)	(48)	(48)	(48)	(48)	(48)	(48)	(48)	(48)	(48)	(48)	(48)	1,401
Total Deferred Tax 0	3,368	5,864	3,240	1,663	1,658	478	(704)	(706)	(706)	(703)	(701)	(702)	(703)	(702)	(701)	(709)	(720)	(721)	(720)	(720)	(737)	(757)	(758)	(758)	(758)	(758)	(760)	(762)	(762)	457
Accumulated Deferred Taxes	3,368	9,232	12,472	14,134	15,793	16,270	15,567	14,860	14,155	13,451	12,750	12,048	11,345	10,643	9,942	9,234	8,514	7,793	7,073	6,353	5,616	4,859	4,101	3,343	2,585	1,827	1,067	306	(457)	0

Insurance Expense ($000s)

Insurance - base rate (% of Plant)	0.12%																													
Insurance - inflation rate	3.0%																													
Insurance Expense ($000s)	116	120	123	127	131	135	139	143	148	152	157	162	167	172	178	183	189	195	201	207	214	220	227	234	242	249	257	265	273	282

Federal Tax Depreciation

Capital Expenditures	95,321
Capital Expenditures - Solar	92,199
Capital Expenditures - Transmission	3,121
ITC Eligible Amount	91,984
ITC	20,236.56
Portion of ITC offsetting tax basis	10,118
Less land	-
Tax Basis	85,202
Asset useful life	30

MACRS Schedule - Initial Investment

Distribution	Year	5-yr	7-yr	15-yr	20-yr	39-yr	Composite	Fed Tax Deprec
		94.66%	0.00%	1.52%	3.81%	0.00%	100.00%	
2023	1	20.00%	14.29%	5.00%	3.75%	0.11%	19.1518%	16,318
2024	2	32.00%	24.49%	9.50%	7.22%	2.56%	30.7123%	26,168
2025	3	19.20%	17.49%	8.55%	6.68%	2.56%	18.5602%	15,814
2026	4	11.52%	12.49%	7.70%	6.18%	2.56%	11.2580%	9,592
2027	5	11.52%	8.93%	6.93%	5.71%	2.56%	11.2286%	9,567
2028	6	5.76%	8.92%	6.23%	5.29%	2.56%	5.7490%	4,898
2029	7	0.00%	8.93%	5.90%	4.89%	2.56%	0.2762%	235
2030	8	0.00%	4.46%	5.90%	4.52%	2.56%	0.2622%	223
2031	9	0.00%	0.00%	5.91%	4.46%	2.56%	0.2601%	222
2032	10	0.00%	0.00%	5.90%	4.46%	2.56%	0.2599%	221
2033	11	0.00%	0.00%	5.91%	4.46%	2.56%	0.2601%	222
2034	12	0.00%	0.00%	5.90%	4.46%	2.56%	0.2599%	221
2035	13	0.00%	0.00%	5.91%	4.46%	2.56%	0.2601%	222
2036	14	0.00%	0.00%	5.90%	4.46%	2.56%	0.2599%	221

MACRS Schedule - Adds & Mods

Year	5-yr	7-yr	15-yr	20-yr	39-yr	Composite
	37.82%	0.00%	10.65%	51.53%	0.00%	100.00%
1	20.00%	14.29%	5.00%	3.75%	0.11%	10.0286%
2	32.00%	24.49%	9.50%	7.22%	2.56%	16.8337%
3	19.20%	17.49%	8.55%	6.68%	2.56%	11.6124%
4	11.52%	12.49%	7.70%	6.18%	2.56%	8.3598%
5	11.52%	8.93%	6.93%	5.71%	2.56%	8.0387%
6	5.76%	8.92%	6.23%	5.29%	2.56%	5.5653%
7	0.00%	8.93%	5.90%	4.89%	2.56%	3.1472%
8	0.00%	4.46%	5.90%	4.52%	2.56%	2.9586%
9	0.00%	0.00%	5.91%	4.46%	2.56%	2.9287%
10	0.00%	0.00%	5.90%	4.46%	2.56%	2.9271%
11	0.00%	0.00%	5.91%	4.46%	2.56%	2.9287%
12	0.00%	0.00%	5.90%	4.46%	2.56%	2.9271%
13	0.00%	0.00%	5.91%	4.46%	2.56%	2.9287%
14	0.00%	0.00%	5.90%	4.46%	2.56%	2.9271%

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	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG
163	Annual Property Tax Expense (transmission)			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
164																																	
165	Tax Straight Line Depreciation																																
166	Vintage	Tax Basis																															
167	2023	85,202		2,840	2,840	2,840	2,840	2,840	2,840	2,840	2,840	2,840	2,840	2,840	2,840	2,840	2,840	2,840	2,840	2,840	2,840	2,840	2,840	2,840	2,840	2,840	2,840	2,840	2,840	2,840	2,840	2,840	2,840
168	2024	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
169	2025	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
170	2026	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
171	2027	100		-	-	-	-	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	17
172	2028	49		-	-	-	-	-	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	10
173	2029	57		-	-	-	-	-	-	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	13
174	2030	63		-	-	-	-	-	-	-	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	17
175	2031	70		-	-	-	-	-	-	-	-	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	21
176	2032	176		-	-	-	-	-	-	-	-	-	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	59
177	2033	81		-	-	-	-	-	-	-	-	-	-	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	30
178	2034	86		-	-	-	-	-	-	-	-	-	-	-	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	34
179	2035	90		-	-	-	-	-	-	-	-	-	-	-	-	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	39
180	2036	93		-	-	-	-	-	-	-	-	-	-	-	-	-	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	44
181	2037	211		-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	106
182	2038	99		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	53
183	2039	101		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	3	3	3	3	3	3	3	3	3	3	3	3	3	57
184	2040	102		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	3	3	3	3	3	3	3	3	3	3	3	3	61
185	2041	103		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	3	3	3	3	3	3	3	3	3	3	3	65
186	2042	203		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	7	7	7	7	7	7	7	7	7	7	135
187	2043	103		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	3	3	3	3	3	3	3	3	3	72
188	2044	102		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	3	3	3	3	3	3	3	3	75
189	2045	101		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	3	3	3	3	3	3	3	77
190	2046	100		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	3	3	3	3	3	3	80
191	2047	198		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	7	7	7	7	7	165
192	2048	96		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	3	3	3	3	83
193	2049	93		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	3	3	3	84
194	2050	91		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	3	85
195	2051	88		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	85
196	2052	185		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	185
197	Total Tax Straight Line Depreciation	88,041		2,840	2,840	2,840	2,840	2,843	2,845	2,847	2,849	2,851	2,857	2,860	2,863	2,866	2,869	2,876	2,879	2,883	2,886	2,889	2,896	2,900	2,903	2,906	2,910	2,916	2,919	2,923	2,926	2,929	4,590
198																																	
199																																	
200																																	

201	Year of monetization	2027	2028
202	% monetized	100%	0%
203	ITC	20,237	-
204	Asset useful life	30	30
205	# of years w/out fed tax appetite	4	5
206	# of years to amortize ITC	26	25
207	Annual ITC amortization	778	-

208																																	
209	Year Number		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
210	Year		2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	
211	1st Year ITC Amortization schedule		-	-	-	-	778	778	778	778	778	778	778	778	778	778	778	778	778	778	778	778	778	778	778	778	778	778	778	778	778	778	
212	1st Year Annual ITC		-	-	-	-	20,237	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
213	1st Year 1/2 of ITC		-	-	-	-	10,118	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
214																																	
215	2nd Year ITC Amortization schedule			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
216	2nd Year Annual ITC			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
217	2nd Year 1/2 of ITC			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
218																																	
219	Total ITC Amortization schedule		-	-	-	-	778	778	778	778	778	778	778	778	778	778	778	778	778	778	778	778	778	778	778	778	778	778	778	778	778	778	
220	Total Annual ITC		-	-	-	-	20,237	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
221	Cumulative ITC		-	-	-	-	20,237	20,237	20,237	20,237	20,237	20,237	20,237	20,237	20,237	20,237	20,237	20,237	20,237	20,237	20,237	20,237	20,237	20,237	20,237	20,237	20,237	20,237	20,237	20,237	20,237	20,237	
222	Total 1/2 of ITC		-	-	-	-	10,118	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
223																																	
224	ITC		-	-	-	-	20,237	20,237	20,237	20,237	20,237	20,237	20,237	20,237	20,237	20,237	20,237	20,237	20,237	20,237	20,237	20,237	20,237	20,237	20,237	20,237	20,237	20,237	20,237	20,237	20,237	20,237	
225	ITC Amortization		-	-	-	-	(778)	(778)	(778)	(778)	(778)	(778)	(778)	(778)	(778)	(778)	(778)	(778)	(778)	(778)	(778)	(778)	(778)	(778)	(778)	(778)	(778)	(778)	(778)	(778)	(778)	(778)	
226	Accumulated ITC Amortization		-	-	-	-	(778)	(1,557)	(2,335)	(3,113)	(3,892)	(4,670)	(5,448)	(6,227)	(7,005)	(7,783)	(8,562)	(9,340)	(10,118)	(10,897)	(11,675)	(12,453)	(13,232)	(14,010)	(14,788)	(15,567)	(16,345)	(17,123)	(17,902)	(18,680)	(19,458)	(20,237)	
227	Unamortized ITC		-	-	-	-	19,458	18,680	17,902	17,123	16,345	15,567	14,788	14,010	13,232	12,453	11,675	10,897	10,118	9,340	8,562	7,783	7,005	6,227	5,448	4,670	3,892	3,113	2,335	1,557	778	-	

CONFIDENTIAL

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG
1	*($ in thousands)*																																
2																																	
3	Summary of Inputs																																
4	Year 1	2024																															
5	Investment	91,517																															
6	Investment (Non-AFUDC)	91,517																															
7	Investment (AFUDC)	-																															
8	ITC eligible basis	88,314																															
9	Federal ITC	8,831.41																															
10	Useful life (years)	30																															
11	# of years		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
12	Year		2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	
13	Gross Plant- Initial Capital		91,517	91,517	91,517	91,517	91,517	91,517	91,517	91,517	91,517	91,517	91,517	91,517	91,517	91,517	91,517	91,517	91,517	91,517	91,517	91,517	91,517	91,517	91,517	91,517	91,517	91,517	91,517	91,517	91,517	91,517	
14	Cumulative Adds & Mods		-	-	-	-	100	149	206	269	339	515	596	681	771	864	1,076	1,174	1,275	1,377	1,480	1,682	1,785	1,887	1,988	2,088	2,285	2,381	2,474	2,565	2,654	2,839	
15	Gross Plant		91,517	91,517	91,517	91,517	91,617	91,667	91,723	91,787	91,856	92,032	92,113	92,198	92,288	92,382	92,593	92,692	92,792	92,894	92,997	93,200	93,302	93,404	93,505	93,605	93,802	93,898	93,992	94,083	94,171	94,356	
16	Annual Depreciation		(3,051)	(3,051)	(3,051)	(3,051)	(3,054)	(3,056)	(3,057)	(3,060)	(3,062)	(3,068)	(3,070)	(3,073)	(3,076)	(3,079)	(3,086)	(3,090)	(3,093)	(3,096)	(3,100)	(3,107)	(3,110)	(3,113)	(3,117)	(3,120)	(3,127)	(3,130)	(3,133)	(3,136)	(3,139)	(4,801)	
17	Accumulated Depreciation		(3,051)	(6,101)	(9,152)	(12,202)	(15,256)	(18,312)	(21,369)	(24,429)	(27,491)	(30,558)	(33,629)	(36,702)	(39,778)	(42,858)	(45,944)	(49,034)	(52,127)	(55,223)	(58,323)	(61,430)	(64,540)	(67,654)	(70,770)	(73,891)	(77,017)	(80,147)	(83,280)	(86,416)	(89,555)	(94,356)	
18	Cost of Removal/Salvage Accrual		(183)	(183)	(183)	(183)	(183)	(183)	(183)	(183)	(183)	(183)	(183)	(183)	(183)	(183)	(183)	(183)	(183)	(183)	(183)	(183)	(183)	(183)	(183)	(183)	(183)	(183)	(183)	(183)	(183)	(183)	
19	Cost of Removal/Salvage Realization		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5,491	
20	Accumulated Cost of Removal/Salvage Accrual		(183)	(366)	(549)	(732)	(915)	(1,098)	(1,281)	(1,464)	(1,647)	(1,830)	(2,013)	(2,196)	(2,379)	(2,562)	(2,746)	(2,929)	(3,112)	(3,295)	(3,478)	(3,661)	(3,844)	(4,027)	(4,210)	(4,393)	(4,576)	(4,759)	(4,942)	(5,125)	(5,308)	-	
21	Accumulated Deferred Taxes		(3,438)	(9,425)	(12,735)	(14,436)	(16,131)	(16,622)	(15,908)	(15,191)	(14,474)	(13,760)	(13,048)	(12,334)	(11,621)	(10,908)	(10,196)	(9,476)	(8,745)	(8,014)	(7,282)	(6,551)	(5,801)	(5,030)	(4,258)	(3,486)	(2,713)	(1,942)	(1,168)	(392)	385	0	
22	Rate Base		84,845	75,625	69,082	64,147	59,315	55,634	53,165	50,703	48,244	45,883	43,423	40,966	38,510	36,054	33,707	31,253	28,808	26,362	23,914	21,558	19,117	16,694	14,267	11,836	9,496	7,051	4,602	2,149	(308)	0	
23																																	
24	WACC Revenue Requirement on Rate Base	8.94%	7,883	7,173	6,468	5,955	5,519	5,138	4,863	4,643	4,423	4,208	3,992	3,772	3,553	3,333	3,118	2,904	2,685	2,466	2,247	2,033	1,818	1,601	1,384	1,167	954	740	521	302	82	(14)	
25	Federal ITC Amortization		-	-	-	(327)	(327)	(327)	(327)	(327)	(327)	(327)	(327)	(327)	(327)	(327)	(327)	(327)	(327)	(327)	(327)	(327)	(327)	(327)	(327)	(327)	(327)	(327)	(327)	(327)	(327)	(327)	
26	Gross-up on Federal ITC Amortization		-	-	-	(111)	(111)	(111)	(111)	(111)	(111)	(111)	(111)	(111)	(111)	(111)	(111)	(111)	(111)	(111)	(111)	(111)	(111)	(111)	(111)	(111)	(111)	(111)	(111)	(111)	(111)	(111)	
27	Gross-up on Book/Tax SL depreciation Difference		50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	
28	Depreciation Expense		3,051	3,051	3,051	3,051	3,054	3,056	3,057	3,060	3,062	3,068	3,070	3,073	3,076	3,079	3,086	3,090	3,093	3,096	3,100	3,107	3,110	3,113	3,117	3,120	3,127	3,130	3,133	3,136	3,139	4,801	
29	Cost of Removal/Salvage Accrual		183	183	183	183	183	183	183	183	183	183	183	183	183	183	183	183	183	183	183	183	183	183	183	183	183	183	183	183	183	183	
30	O&M - operating		634	643	658	673	694	762	780	798	817	841	856	876	897	960	944	961	984	1,007	1,031	1,061	1,081	1,107	1,133	1,161	1,194	1,218	1,247	1,278	1,309	1,346	
31	Lease expense		418	426	435	444	452	462	471	480	490	500	510	520	530	541	552	563	574	585	597	609	621	634	646	659	672	686	700	713	728	742	
32	Property Taxes		307	297	291	282	272	263	254	244	235	222	213	200	188	175	814	751	689	610	532	470	470	407	407	360	360	329	313	313	313	313	
33	Insurance		111	115	118	122	126	129	133	137	142	146	151	155	160	165	171	176	181	187	193	199	205	212	218	225	232	239	247	255	262	271	
34	Sum of Revenue Requirements ($000)		$12,637	$11,938	$11,254	$10,321	$9,912	$9,604	$9,353	$9,157	$8,963	$8,779	$8,586	$8,392	$8,199	$8,049	$8,480	$8,240	$8,001	$7,748	$7,495	$7,272	$7,100	$6,868	$6,701	$6,487	$6,334	$6,136	$5,955	$5,791	$5,628	$7,254	
35	NPV of Revenue Requirements	117,020																															
36	Levelized Revenue Requirement	117,020	9,148	9,148	9,148	9,148	9,148	9,148	9,148	9,148	9,148	9,148	9,148	9,148	9,148	9,148	9,148	9,148	9,148	9,148	9,148	9,148	9,148	9,148	9,148	9,148	9,148	9,148	9,148	9,148	9,148	9,148	
37																																	
38	Deferred Income Tax Calculation																																
39	Book Basis		91,517	91,517	91,517	91,517	91,517	91,517	91,517	91,517	91,517	91,517	91,517	91,517	91,517	91,517	91,517	91,517	91,517	91,517	91,517	91,517	91,517	91,517	91,517	91,517	91,517	91,517	91,517	91,517	91,517	91,517	
40	Federal ITC Basis Reduction		(4,416)	(4,416)	(4,416)	(4,416)	(4,416)	(4,416)	(4,416)	(4,416)	(4,416)	(4,416)	(4,416)	(4,416)	(4,416)	(4,416)	(4,416)	(4,416)	(4,416)	(4,416)	(4,416)	(4,416)	(4,416)	(4,416)	(4,416)	(4,416)	(4,416)	(4,416)	(4,416)	(4,416)	(4,416)	(4,416)	
41	Land		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
42	Tax Basis		87,101	87,101	87,101	87,101	87,101	87,101	87,101	87,101	87,101	87,101	87,101	87,101	87,101	87,101	87,101	87,101	87,101	87,101	87,101	87,101	87,101	87,101	87,101	87,101	87,101	87,101	87,101	87,101	87,101	87,101	
43	Tax Accelerated Depreciation	89,941	16,653	26,708	16,144	9,797	9,780	5,028	275	266	271	285	296	295	297	301	315	286	245	245	248	259	188	107	106	108	116	120	115	112	111	863	
44	Tax Straight Line Depreciation	89,941	2,903	2,903	2,903	2,903	2,907	2,908	2,910	2,912	2,915	2,921	2,923	2,926	2,929	2,932	2,939	2,943	2,946	2,949	2,953	2,959	2,963	2,966	2,970	2,973	2,980	2,983	2,986	2,989	2,992	4,654	
45	Difference	(0)	13,750	23,804	13,241	6,893	6,873	2,120	(2,636)	(2,646)	(2,644)	(2,635)	(2,627)	(2,631)	(2,632)	(2,631)	(2,624)	(2,657)	(2,701)	(2,704)	(2,704)	(2,701)	(2,775)	(2,859)	(2,863)	(2,865)	(2,863)	(2,863)	(2,871)	(2,877)	(2,881)	(3,790)	
46	Tax Effect of Difference (Deferred tax)	**(0)**	3,485	6,033	3,356	1,747	1,742	537	(668)	(671)	(670)	(668)	(666)	(667)	(667)	(667)	(665)	(673)	(685)	(685)	(685)	(684)	(703)	(725)	(726)	(726)	(726)	(726)	(728)	(729)	(730)	(961)	
47	Tax Effect of Cost of Removal/Salvage	5,491	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5,491	
48	Book Effect of Cost of Removal/Salvage	5,491	183	183	183	183	183	183	183	183	183	183	183	183	183	183	183	183	183	183	183	183	183	183	183	183	183	183	183	183	183	183	
49	Difference	-	(183)	(183)	(183)	(183)	(183)	(183)	(183)	(183)	(183)	(183)	(183)	(183)	(183)	(183)	(183)	(183)	(183)	(183)	(183)	(183)	(183)	(183)	(183)	(183)	(183)	(183)	(183)	(183)	(183)	5,308	
50	Tax Effect of Difference (Deferred tax)	-	(46)	(46)	(46)	(46)	(46)	(46)	(46)	(46)	(46)	(46)	(46)	(46)	(46)	(46)	(46)	(46)	(46)	(46)	(46)	(46)	(46)	(46)	(46)	(46)	(46)	(46)	(46)	(46)	(46)	1,345	
51	Total Deferred Tax	(0)	3,438	5,987	3,310	1,701	1,696	491	(714)	(717)	(717)	(714)	(712)	(713)	(713)	(713)	(711)	(720)	(731)	(732)	(732)	(731)	(750)	(771)	(772)	(772)	(772)	(772)	(774)	(776)	(777)	385	
52	Accumulated Deferred Taxes		3,438	9,425	12,735	14,436	16,131	16,622	15,908	15,191	14,474	13,760	13,048	12,334	11,621	10,908	10,196	9,476	8,745	8,014	7,282	6,551	5,801	5,030	4,258	3,486	2,713	1,942	1,168	392	(385)	(0)	
53																																	
54																																	
55																																	
56	Insurance Expense ($000s)																																
57	Insurance - base rate (% of Plant)	0.12%																															
58	Insurance - inflation rate	3.0%																															
59	Insurance Expense ($000s)		111	115	118	122	126	129	133	137	142	146	151	155	160	165	171	176	181	187	193	199	205	212	218	225	232	239	247	255	262	271	
60																																	
61																																	
62																																	
63																																	

Federal Tax Depreciation	
Capital Expenditures	91,517
Capital Expenditures - Solar	88,334
Capital Expenditures - Transmission	3,184
ITC Eligible Amount	88,314
ITC	8,831
Portion of ITC offsetting tax basis	4,416
Less land	-
Tax Basis	87,101
Asset useful life	30

MACRS Schedule - Initial Investment

Distribution	Year	5-yr	7-yr	15-yr	20-yr	39-yr	Composite	Fed Tax Deprec
		94.46%	**0.00%**	**1.52%**	**4.01%**	**0.00%**	100.00%	
2024	1	**20.00%**	**14.29%**	**5.00%**	**3.75%**	**0.11%**	19.1193%	16,653
2025	2	**32.00%**	**24.49%**	**9.50%**	**7.22%**	**2.56%**	30.6627%	26,708
2026	3	**19.20%**	**17.49%**	**8.55%**	**6.68%**	**2.56%**	18.5351%	16,144
2027	4	**11.52%**	**12.49%**	**7.70%**	**6.18%**	**2.56%**	11.2473%	9,797
2028	5	**11.52%**	**8.93%**	**6.93%**	**5.71%**	**2.56%**	11.2169%	9,770
2029	6	**5.76%**	**8.92%**	**6.23%**	**5.29%**	**2.56%**	5.7480%	5,007
2030	7	**0.00%**	**8.93%**	**5.90%**	**4.89%**	**2.56%**	0.2860%	249
2031	8	**0.00%**	**4.46%**	**5.90%**	**4.52%**	**2.56%**	0.2712%	236
2032	9	**0.00%**	**0.00%**	**5.91%**	**4.46%**	**2.56%**	0.2689%	234
2033	10	**0.00%**	**0.00%**	**5.90%**	**4.46%**	**2.56%**	0.2687%	234
2034	11	**0.00%**	**0.00%**	**5.91%**	**4.46%**	**2.56%**	0.2689%	234
2035	12	**0.00%**	**0.00%**	**5.90%**	**4.46%**	**2.56%**	0.2687%	234
2036	13	**0.00%**	**0.00%**	**5.91%**	**4.46%**	**2.56%**	0.2689%	234
2037	14	**0.00%**	**0.00%**	**5.90%**	**4.46%**	**2.56%**	0.2687%	234

MACRS Schedule - Adds & Mods

Year	5-yr	7-yr	15-yr	20-yr	39-yr	Composite
	37.82%	**0.00%**	**10.65%**	**51.53%**	**0.00%**	100.00%
1	**20.00%**	**14.29%**	**5.00%**	**3.75%**	**0.11%**	10.0286%
2	**32.00%**	**24.49%**	**9.50%**	**7.22%**	**2.56%**	16.8337%
3	**19.20%**	**17.49%**	**8.55%**	**6.68%**	**2.56%**	11.6124%
4	**11.52%**	**12.49%**	**7.70%**	**6.18%**	**2.56%**	8.3598%
5	**11.52%**	**8.93%**	**6.93%**	**5.71%**	**2.56%**	8.0387%
6	**5.76%**	**8.92%**	**6.23%**	**5.29%**	**2.56%**	5.5653%
7	**0.00%**	**8.93%**	**5.90%**	**4.89%**	**2.56%**	3.1472%
8	**0.00%**	**4.46%**	**5.90%**	**4.52%**	**2.56%**	2.9586%
9	**0.00%**	**0.00%**	**5.91%**	**4.46%**	**2.56%**	2.9287%
10	**0.00%**	**0.00%**	**5.90%**	**4.46%**	**2.56%**	2.9271%
11	**0.00%**	**0.00%**	**5.91%**	**4.46%**	**2.56%**	2.9287%
12	**0.00%**	**0.00%**	**5.90%**	**4.46%**	**2.56%**	2.9271%
13	**0.00%**	**0.00%**	**5.91%**	**4.46%**	**2.56%**	2.9287%
14	**0.00%**	**0.00%**	**5.90%**	**4.46%**	**2.56%**	2.9271%

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	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG
163	Annual Property Tax Expense (transmission)			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
164																																	
165	Tax Straight Line Depreciation																																
166	Vintage	Tax Basis																															
167	2024	87,101		2,903	2,903	2,903	2,903	2,903	2,903	2,903	2,903	2,903	2,903	2,903	2,903	2,903	2,903	2,903	2,903	2,903	2,903	2,903	2,903	2,903	2,903	2,903	2,903	2,903	2,903	2,903	2,903	2,903	2,903
168	2025	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
169	2026	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
170	2027	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
171	2028	100		-	-	-	-	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	17
172	2029	49		-	-	-	-	-	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	10
173	2030	57		-	-	-	-	-	-	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	13
174	2031	63		-	-	-	-	-	-	-	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	17
175	2032	70		-	-	-	-	-	-	-	-	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	21
176	2033	176		-	-	-	-	-	-	-	-	-	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	59
177	2034	81		-	-	-	-	-	-	-	-	-	-	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	30
178	2035	86		-	-	-	-	-	-	-	-	-	-	-	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	34
179	2036	90		-	-	-	-	-	-	-	-	-	-	-	-	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	39
180	2037	93		-	-	-	-	-	-	-	-	-	-	-	-	-	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	44
181	2038	211		-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	106
182	2039	99		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	3	3	3	3	3	3	3	3	3	3	3	3	3	53
183	2040	101		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	3	3	3	3	3	3	3	3	3	3	3	3	57
184	2041	102		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	3	3	3	3	3	3	3	3	3	3	3	61
185	2042	103		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	3	3	3	3	3	3	3	3	3	3	65
186	2043	203		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	7	7	7	7	7	7	7	7	7	135
187	2044	103		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	3	3	3	3	3	3	3	3	72
188	2045	102		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	3	3	3	3	3	3	3	75
189	2046	101		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	3	3	3	3	3	3	77
190	2047	100		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	3	3	3	3	3	80
191	2048	198		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	7	7	7	7	165
192	2049	96		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	3	3	3	83
193	2050	93		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	3	3	84
194	2051	91		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	3	85
195	2052	88		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	85
196	2053	185		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	185
197	Total Tax Straight Line Depreciation	89,941		2,903	2,903	2,903	2,903	2,907	2,908	2,910	2,912	2,915	2,921	2,923	2,926	2,929	2,932	2,939	2,943	2,946	2,949	2,953	2,959	2,963	2,966	2,970	2,973	2,980	2,983	2,986	2,989	2,992	4,654
198																																	
199																																	
200																																	

201	Year of monetization	2027	2028
202	% monetized	100%	0%
203	ITC	8,831	-
204	Asset useful life	30	30
205	# of years w/out fed tax appetite	3	4
206	# of years to amortize ITC	27	26
207	Annual ITC amortization	327	-

208																																	
209	Year Number			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
210	Year			2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053
211	1st Year ITC Amortization schedule			-	-	-	327	327	327	327	327	327	327	327	327	327	327	327	327	327	327	327	327	327	327	327	327	327	327	327	327	327	327
212	1st Year Annual ITC			-	-	-	8,831	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
213	1st Year 1/2 of ITC			-	-	-	4,416	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
214																																	
215	2nd Year ITC Amortization schedule				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
216	2nd Year Annual ITC				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
217	2nd Year 1/2 of ITC				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
218																																	
219	Total ITC Amortization schedule			-	-	-	327	327	327	327	327	327	327	327	327	327	327	327	327	327	327	327	327	327	327	327	327	327	327	327	327	327	327
220	Total Annual ITC			-	-	-	8,831	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
221	Cumulative ITC			-	-	-	8,831	8,831	8,831	8,831	8,831	8,831	8,831	8,831	8,831	8,831	8,831	8,831	8,831	8,831	8,831	8,831	8,831	8,831	8,831	8,831	8,831	8,831	8,831	8,831	8,831	8,831	8,831
222	Total 1/2 of ITC			-	-	-	4,416	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
223																																	
224	ITC			-	-	-	8,831	8,831	8,831	8,831	8,831	8,831	8,831	8,831	8,831	8,831	8,831	8,831	8,831	8,831	8,831	8,831	8,831	8,831	8,831	8,831	8,831	8,831	8,831	8,831	8,831	8,831	8,831
225	ITC Amortization			-	-	-	(327)	(327)	(327)	(327)	(327)	(327)	(327)	(327)	(327)	(327)	(327)	(327)	(327)	(327)	(327)	(327)	(327)	(327)	(327)	(327)	(327)	(327)	(327)	(327)	(327)	(327)	(327)	(327)
226	Accumulated ITC Amortization			-	-	-	(327)	(654)	(981)	(1,308)	(1,635)	(1,963)	(2,290)	(2,617)	(2,944)	(3,271)	(3,598)	(3,925)	(4,252)	(4,579)	(4,906)	(5,233)	(5,561)	(5,888)	(6,215)	(6,542)	(6,869)	(7,196)	(7,523)	(7,850)	(8,177)	(8,504)	(8,831)
227	Unamortized ITC			-	-	-	8,504	8,177	7,850	7,523	7,196	6,869	6,542	6,215	5,888	5,561	5,233	4,906	4,579	4,252	3,925	3,598	3,271	2,944	2,617	2,290	1,963	1,635	1,308	981	654	327	-

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DEF-Network upgrade - 2022

($ in thousands)

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	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR	AS
220																																												
221																																												
222																																												
223	**DEF-Network upgrade - 2022**																																											
224	Year of monetization	2027	2028																																								
225	% monetized	100%	0%																																									
226	ITC	-	-																																									
227	Asset useful life	40	40																																									
228	# of years w/out fed tax appetite	5	6																																									
229	# of years to amortize ITC	35	34																																									
230	Annual ITC amortization	-	-																																									
231																																												
232	Year Number		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40			
233	Year		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061			
234	1st Year ITC Amortization schedule		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
235	1st Year Annual ITC		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
236	1st Year 1/2 of ITC		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
237																																												
238	2nd Year ITC Amortization schedule			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
239	2nd Year Annual ITC			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
240	2nd Year 1/2 of ITC			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
241																																												
242	Total ITC Amortization schedule		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
243	Total Annual ITC		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
244	Cumulative ITC		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
245	Total 1/2 of ITC		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
246																																												
247	ITC		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
248	ITC Amortization		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
249	Accumulated ITC Amortization		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
250	Unamortized ITC		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			

CONFIDENTIAL

DEF-Utility Solar-Site Plan - 2023

($ in thousands)

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CONFIDENTIAL

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CONFIDENTIAL

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR	AS
220																																												
221																																												
222																																												
223																																												
224	Year of monetization	2027	2028																																									
225	% monetized	100%	0%																																									
226	ITC	-	-																																									
227	Asset useful life	40	40																																									
228	# of years w/out fed tax appetite	4	5																																									
229	# of years to amortize ITC	36	35																																									
230	Annual ITC amortization	-	-																																									
231																																												
232	Year Number		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40			
233	Year		2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062			
234	1st Year ITC Amortization schedule		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
235	1st Year Annual ITC		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
236	1st Year 1/2 of ITC		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
237																																												
238	2nd Year ITC Amortization schedule			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
239	2nd Year Annual ITC			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
240	2nd Year 1/2 of ITC			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
241																																												
242	Total ITC Amortization schedule		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
243	Total Annual ITC		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
244	Cumulative ITC		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
245	Total 1/2 of ITC		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
246																																												
247	ITC		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
248	ITC Amortization		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
249	Accumulated ITC Amortization		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
250	Unamortized ITC		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			

CONFIDENTIAL

DEF-Utility Solar-Site Plan - 2024

($ in thousands)

Summary of Inputs

Year 1	2024
Investment	10,612
Investment (Non-AFUDC)	10,612
Investment (AFUDC)	-
ITC eligible basis	
Federal ITC	-
Useful life (years)	40

# of years		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
Year		2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063
Gross Plant- Initial Capital		10,612	10,612	10,612	10,612	10,612	10,612	10,612	10,612	10,612	10,612	10,612	10,612	10,612	10,612	10,612	10,612	10,612	10,612	10,612	10,612	10,612	10,612	10,612	10,612	10,612	10,612	10,612	10,612	10,612	10,612	10,612	10,612	10,612	10,612	10,612	10,612	10,612	10,612	10,612	10,612
Cumulative Adds & Mods		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Gross Plant		10,612	10,612	10,612	10,612	10,612	10,612	10,612	10,612	10,612	10,612	10,612	10,612	10,612	10,612	10,612	10,612	10,612	10,612	10,612	10,612	10,612	10,612	10,612	10,612	10,612	10,612	10,612	10,612	10,612	10,612	10,612	10,612	10,612	10,612	10,612	10,612	10,612	10,612	10,612	10,612
Annual Depreciation		(265)	(265)	(265)	(265)	(265)	(265)	(265)	(265)	(265)	(265)	(265)	(265)	(265)	(265)	(265)	(265)	(265)	(265)	(265)	(265)	(265)	(265)	(265)	(265)	(265)	(265)	(265)	(265)	(265)	(265)	(265)	(265)	(265)	(265)	(265)	(265)	(265)	(265)	(265)	(265)
Accumulated Depreciation		(265)	(531)	(796)	(1,061)	(1,327)	(1,592)	(1,857)	(2,122)	(2,388)	(2,653)	(2,918)	(3,184)	(3,449)	(3,714)	(3,980)	(4,245)	(4,510)	(4,775)	(5,041)	(5,306)	(5,571)	(5,837)	(6,102)	(6,367)	(6,633)	(6,898)	(7,163)	(7,428)	(7,694)	(7,959)	(8,224)	(8,490)	(8,755)	(9,020)	(9,286)	(9,551)	(9,816)	(10,081)	(10,347)	(10,612)
Cost of Removal/Salvage Accrual		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cost of Removal/Salvage Realization		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Accumulated Cost of Removal/Salvage Accrual		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Accumulated Deferred Taxes		(67)	(256)	(418)	(558)	(677)	(778)	(869)	(960)	(1,052)	(1,144)	(1,235)	(1,327)	(1,419)	(1,510)	(1,602)	(1,614)	(1,547)	(1,479)	(1,412)	(1,345)	(1,278)	(1,210)	(1,143)	(1,076)	(1,009)	(941)	(874)	(807)	(740)	(672)	(605)	(538)	(471)	(403)	(336)	(269)	(202)	(134)	(67)	0
Rate Base		10,280	9,826	9,398	8,993	8,608	8,243	7,886	7,529	7,172	6,815	6,458	6,102	5,745	5,388	5,031	4,753	4,555	4,357	4,159	3,961	3,763	3,565	3,367	3,169	2,971	2,773	2,575	2,377	2,179	1,981	1,783	1,584	1,386	1,188	990	792	594	396	198	0
WACC Revenue Requirement on Rate Base	8.94%	934	899	859	822	787	753	721	689	657	625	593	561	530	498	466	437	416	398	381	363	345	328	310	292	274	257	239	221	204	186	168	151	133	115	97	80	62	44	27	9
Federal ITC Amortization		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Gross-up on Federal ITC Amortization		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Gross-up on Book/Tax SL depreciation Difference		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Depreciation Expense		265	265	265	265	265	265	265	265	265	265	265	265	265	265	265	265	265	265	265	265	265	265	265	265	265	265	265	265	265	265	265	265	265	265	265	265	265	265	265	265
Cost of Removal/Salvage Accrual		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
O&M - operating		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lease expense		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Property Taxes		83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83
Insurance		13	13	14	14	15	15	15	16	16	17	17	18	18	19	20	20	21	21	22	23	23	24	25	26	26	27	28	29	30	30	31	32	33	34	35	36	37	39	40	41
Sum of Revenue Requirements		$1,295	$1,260	$1,221	$1,184	$1,149	$1,116	$1,084	$1,053	$1,021	$990	$959	$927	$896	$864	$833	$805	$785	$768	$751	$734	$716	$699	$682	$666	$649	$632	$615	$598	$581	$564	$547	$531	$514	$497	$481	$464	$447	$431	$414	$398
NPV of Revenue Requirements	13,131																																							
Deferred Income Tax Calculation																																								
Book Basis		10,612	10,612	10,612	10,612	10,612	10,612	10,612	10,612	10,612	10,612	10,612	10,612	10,612	10,612	10,612	10,612	10,612	10,612	10,612	10,612	10,612	10,612	10,612	10,612	10,612	10,612	10,612	10,612	10,612	10,612	10,612	10,612	10,612	10,612	10,612	10,612	10,612	10,612	10,612	10,612
Federal ITC Basis Reduction		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Land		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tax Basis		10,612	10,612	10,612	10,612	10,612	10,612	10,612	10,612	10,612	10,612	10,612	10,612	10,612	10,612	10,612	10,612	10,612	10,612	10,612	10,612	10,612	10,612	10,612	10,612	10,612	10,612	10,612	10,612	10,612	10,612	10,612	10,612	10,612	10,612	10,612	10,612	10,612	10,612	10,612	10,612
Tax Accelerated Depreciation	10,612	531	1,008	907	817	735	661	626	626	627	626	627	626	627	626	627	313	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tax Straight Line Depreciation	10,612	265	265	265	265	265	265	265	265	265	265	265	265	265	265	265	265	265	265	265	265	265	265	265	265	265	265	265	265	265	265	265	265	265	265	265	265	265	265	265	265
Difference	(0)	265	743	642	552	470	396	361	361	362	361	362	361	362	361	362	48	(265)	(265)	(265)	(265)	(265)	(265)	(265)	(265)	(265)	(265)	(265)	(265)	(265)	(265)	(265)	(265)	(265)	(265)	(265)	(265)	(265)	(265)	(265)	(265)
Tax Effect of Difference (Deferred tax)	(0)	67	188	163	140	119	100	91	91	92	91	92	91	92	91	92	12	(67)	(67)	(67)	(67)	(67)	(67)	(67)	(67)	(67)	(67)	(67)	(67)	(67)	(67)	(67)	(67)	(67)	(67)	(67)	(67)	(67)	(67)	(67)	(67)
Tax Effect of Cost of Removal/Salvage	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Book Effect of Cost of Removal/Salvage	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Difference	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tax Effect of Difference (Deferred tax)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Deferred Tax	(0)	67	188	163	140	119	100	91	91	92	91	92	91	92	91	92	12	(67)	(67)	(67)	(67)	(67)	(67)	(67)	(67)	(67)	(67)	(67)	(67)	(67)	(67)	(67)	(67)	(67)	(67)	(67)	(67)	(67)	(67)	(67)	(67)
Accumulated Deferred Taxes		67	256	418	558	677	778	869	960	1,052	1,144	1,235	1,327	1,419	1,510	1,602	1,614	1,547	1,479	1,412	1,345	1,278	1,210	1,143	1,076	1,009	941	874	807	740	672	605	538	471	403	336	269	202	134	67	(0)

$104,384.37

Insurance Expense ($000s)

Insurance - base rate (% of Plant)	0.12%
Insurance - inflation rate	3.0%

Insurance Expense ($000s)	13	13	14	14	15	15	15	16	16	17	17	18	18	19	20	20	21	21	22	23	23	24	25	26	26	27	28	29	30	30	31	32	33	34	35	36	37	39	40	41

Federal Tax Depreciation

Capital Expenditures	10,612
Capital Expenditures - Solar	-
Capital Expenditures - Transmission	10,612
ITC Eligible Amount	-
ITC	-
Portion of ITC offsetting tax basis	-
Less land	-
Tax Basis	10,612
Asset useful life	40

MACRS Schedule - Initial Investment

Distribution	Year	5-yr	7-yr	15-yr	20-yr	39-yr	Composite	Fed Tax Deprec
		0.00%	0.00%	100.00%	0.00%	0.00%	100.00%	
2024	1	20.00%	14.29%	5.00%	3.75%	2.46%	5.0000%	531
2025	2	32.00%	24.49%	9.50%	7.22%	2.56%	9.5000%	1,008
2026	3	19.20%	17.49%	8.55%	6.68%	2.56%	8.5500%	907
2027	4	11.52%	12.49%	7.70%	6.18%	2.56%	7.7000%	817
2028	5	11.52%	8.93%	6.93%	5.71%	2.56%	6.9300%	735
2029	6	5.76%	8.92%	6.23%	5.29%	2.56%	6.2300%	661
2030	7	0.00%	8.93%	5.90%	4.89%	2.56%	5.9000%	626
2031	8	0.00%	4.46%	5.90%	4.52%	2.56%	5.9000%	626
2032	9	0.00%	0.00%	5.91%	4.46%	2.56%	5.9100%	627
2033	10	0.00%	0.00%	5.90%	4.46%	2.56%	5.9000%	626
2034	11	0.00%	0.00%	5.91%	4.46%	2.56%	5.9100%	627
2035	12	0.00%	0.00%	5.90%	4.46%	2.56%	5.9000%	626
2036	13	0.00%	0.00%	5.91%	4.46%	2.56%	5.9100%	627
2037	14	0.00%	0.00%	5.90%	4.46%	2.56%	5.9000%	626
2038	15	0.00%	0.00%	5.91%	4.46%	2.56%	5.9100%	627
2039	16	0.00%	0.00%	2.95%	4.46%	2.56%	2.9500%	313
2040	17	0.00%	0.00%	0.00%	4.46%	2.56%	0.0000%	-
2041	18	0.00%	0.00%	0.00%	4.46%	2.56%	0.0000%	-
2042	19	0.00%	0.00%	0.00%	4.46%	2.56%	0.0000%	-
2043	20	0.00%	0.00%	0.00%	4.46%	2.56%	0.0000%	-
2044	21	0.00%	0.00%	0.00%	2.23%	2.56%	0.0000%	-
2045	22	0.00%	0.00%	0.00%	0.00%	2.56%	0.0000%	-
2046	23	0.00%	0.00%	0.00%	0.00%	2.56%	0.0000%	-
2047	24	0.00%	0.00%	0.00%	0.00%	2.56%	0.0000%	-
2048	25	0.00%	0.00%	0.00%	0.00%	2.56%	0.0000%	-
2049	26	0.00%	0.00%	0.00%	0.00%	2.56%	0.0000%	-
2050	27	0.00%	0.00%	0.00%	0.00%	2.56%	0.0000%	-
2051	28	0.00%	0.00%	0.00%	0.00%	2.56%	0.0000%	-
2052	29	0.00%	0.00%	0.00%	0.00%	2.56%	0.0000%	-
2053	30	0.00%	0.00%	0.00%	0.00%	2.56%	0.0000%	-
2054	31	0.00%	0.00%	0.00%	0.00%	2.56%	0.0000%	-
2055	32	0.00%	0.00%	0.00%	0.00%	2.56%	0.0000%	-
2056	33	0.00%	0.00%	0.00%	0.00%	2.56%	0.0000%	-
2057	34	0.00%	0.00%	0.00%	0.00%	2.56%	0.0000%	-
2058	35	0.00%	0.00%	0.00%	0.00%	2.56%	0.0000%	-
2059	36	0.00%	0.00%	0.00%	0.00%	2.56%	0.0000%	-
2060	37	0.00%	0.00%	0.00%	0.00%	2.56%	0.0000%	-
2061	38	0.00%	0.00%	0.00%	0.00%	2.56%	0.0000%	-
2062	39	0.00%	0.00%	0.00%	0.00%	2.56%	0.0000%	-

MACRS Schedule - Adds & Mods

Year	5-yr	7-yr	15-yr	20-yr	39-yr	Composite
1	20.00%	14.29%	5.00%	3.75%	2.46%	5.0000%
2	32.00%	24.49%	9.50%	7.22%	2.56%	9.5000%
3	19.20%	17.49%	8.55%	6.68%	2.56%	8.5500%
4	11.52%	12.49%	7.70%	6.18%	2.56%	7.7000%
5	11.52%	8.93%	6.93%	5.71%	2.56%	6.9300%
6	5.76%	8.92%	6.23%	5.29%	2.56%	6.2300%
7	0.00%	8.93%	5.90%	4.89%	2.56%	5.9000%
8	0.00%	4.46%	5.90%	4.52%	2.56%	5.9000%
9	0.00%	0.00%	5.91%	4.46%	2.56%	5.9100%
10	0.00%	0.00%	5.90%	4.46%	2.56%	5.9000%
11	0.00%	0.00%	5.91%	4.46%	2.56%	5.9100%
12	0.00%	0.00%	5.90%	4.46%	2.56%	5.9000%
13	0.00%	0.00%	5.91%	4.46%	2.56%	5.9100%
14	0.00%	0.00%	5.90%	4.46%	2.56%	5.9000%
15	0.00%	0.00%	5.91%	4.46%	2.56%	5.9100%
16	0.00%	0.00%	2.95%	4.46%	2.56%	2.9500%
17	0.00%	0.00%	0.00%	4.46%	2.56%	0.0000%
18	0.00%	0.00%	0.00%	4.46%	2.56%	0.0000%
19	0.00%	0.00%	0.00%	4.46%	2.56%	0.0000%
20	0.00%	0.00%	0.00%	4.46%	2.56%	0.0000%
21	0.00%	0.00%	0.00%	2.23%	2.56%	0.0000%
22	0.00%	0.00%	0.00%	0.00%	2.56%	0.0000%
23	0.00%	0.00%	0.00%	0.00%	2.56%	0.0000%
24	0.00%	0.00%	0.00%	0.00%	2.56%	0.0000%
25	0.00%	0.00%	0.00%	0.00%	2.56%	0.0000%
26	0.00%	0.00%	0.00%	0.00%	2.56%	0.0000%
27	0.00%	0.00%	0.00%	0.00%	2.56%	0.0000%
28	0.00%	0.00%	0.00%	0.00%	2.56%	0.0000%
29	0.00%	0.00%	0.00%	0.00%	2.56%	0.0000%
30	0.00%	0.00%	0.00%	0.00%	2.56%	0.0000%
31	0.00%	0.00%	0.00%	0.00%	2.56%	0.0000%
32	0.00%	0.00%	0.00%	0.00%	2.56%	0.0000%
33	0.00%	0.00%	0.00%	0.00%	2.56%	0.0000%
34	0.00%	0.00%	0.00%	0.00%	2.56%	0.0000%
35	0.00%	0.00%	0.00%	0.00%	2.56%	0.0000%
36	0.00%	0.00%	0.00%	0.00%	2.56%	0.0000%
37	0.00%	0.00%	0.00%	0.00%	2.56%	0.0000%
38	0.00%	0.00%	0.00%	0.00%	2.56%	0.0000%
39	0.00%	0.00%	0.00%	0.00%	2.56%	0.0000%

CONFIDENTIAL

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR	AS
108					2063	40	0.00%	0.00%	0.00%	0.00%	0.11%	0.0000%	-		40	0.00%	0.00%	0.00%	0.00%	0.11%	0.0000%																									
109						Total	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	10,612		Total	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%																									
110																																												
111				1	2	3	4	5	6	7	8	9	10		11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
112	Tax Depreciation	Year	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034		2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	0	0
113																																													
114	Initial Investment	10,612	531	1,008	907	817	735	661	626	626	627	626	627		626	627	626	627	313	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
115																																												
116	Adds & Mods																																											
117	Vintage	Capex																																										
118	2024	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
119	2025	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
120	2026	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
121	2027	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
122	2028	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
123	2029	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
124	2030	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
125	2031	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
126	2032	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
127	2033	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
128	2034	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
129	2035	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
130	2036	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
131	2037	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
132	2038	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
133	2039	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
134	2040	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
135	2041	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
136	2042	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
137	2043	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
138	2044	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
139	2045	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
140	2046	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
141	2047	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
142	2048	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
143	2049	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
144	2050	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
145	2051	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
146	2052	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
147	2053	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
148	2054	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
149	2055	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
150	2056	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
151	2057	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
152	2058	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
153	2059	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
154	2060	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
155	2061	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
156	2062	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
157	2063	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
158																																												
159	Total Fed tax depreciation	10,612	531	1,008	907	817	735	661	626	626	627	626	627		626	627	626	627	313	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
160																																												
161	Property Tax																																											
162	Property tax rate offset (generation)	0%																																										
163	Property tax rate (generation)	0.00%																																										
164	Book Value	-																																										
165	Initial Investment		-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
166	Cumulative Additions																																											
167	Taxable Book Value		-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
168	Annual Property Tax Expense (generation)		-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
169																																												
170	Property tax rate (transmission)	0.778%	(average rate developed based on original cost)																																									
171	Book Value	10,612																																										
172	Initial Investment		10,612	10,612	10,612	10,612	10,612	10,612	10,612	10,612	10,612	10,612	10,612		10,612	10,612	10,612	10,612	10,612	10,612	10,612	10,612	10,612	10,612	10,612	10,612	10,612	10,612	10,612	10,612	10,612	10,612	10,612	10,612	10,612	10,612	10,612	10,612	10,612	10,612	10,612	-	-
173	Taxable Book Value		10,612	10,612	10,612	10,612	10,612	10,612	10,612	10,612	10,612	10,612	10,612		10,612	10,612	10,612	10,612	10,612	10,612	10,612	10,612	10,612	10,612	10,612	10,612	10,612	10,612	10,612	10,612	10,612	10,612	10,612	10,612	10,612	10,612	10,612	10,612	10,612	10,612	10,612	-	-
174	Annual Property Tax Expense (transmission)		83	83	83	83	83	83	83	83	83	83	83		83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	-	-
175																																												
176	Tax Straight Line Depreciation																																											
177	Vintage	Tax Basis																																										
178	2024	10,612	265	265	265	265	265	265	265	265	265	265	265		265	265	265	265	265	265	265	265	265	265	265	265	265	265	265	265	265	265	265	265	265	265	265	265	265	265	265	265	-	-
179	2025	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
180	2026	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
181	2027	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
182	2028	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
183	2029	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
184	2030	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
185	2031	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
186	2032	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
187	2033	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
188	2034	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
189	2035	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
190	2036	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
191	2037	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
192	2038	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
193	2039	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
194	2040	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
195	2041	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
196	2042	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
197	2043	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
198	2044	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
199	2045	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
200	2046	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
201	2047	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
202	2048	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
203	2049	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
204	2050	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
205	2051	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
206	2052	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
207	2053	-																																										
208	2054	-																																										
209	2055	-																																										
210	2056	-																																										
211	2057	-																																										
212	2058	-																																										
213	2059	-																																										
214	2060	-																																										
215	2061	-																																										
216	2062	-																																										
217	2063	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
218	Total Tax Straight Line Depreciation	10,612	265	265	265	265	265	265	265	265	265	265	265		265	265	265	265	265	265	265	265	265	265	265	265	265	265	265	265	265	265	265	265	265	265	265	265	265	265	265	265	-	-
219																																												

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	A	B	C
224	Year of monetization	2027	2028
225	% monetized	100%	0%
226	ITC	-	-
227	Asset useful life	40	40
228	# of years w/out fed tax appetite	3	4
229	# of years to amortize ITC	37	36
230	Annual ITC amortization	-	-

	A	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
232	Year Number																																								
233	Year	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063
234	1st Year ITC Amortization schedule	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
235	1st Year Annual ITC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
236	1st Year 1/2 of ITC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
237																																								
238	2nd Year ITC Amortization schedule		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
239	2nd Year Annual ITC		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
240	2nd Year 1/2 of ITC		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
241																																								
242	Total ITC Amortization schedule	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
243	Total Annual ITC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
244	Cumulative ITC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
245	Total 1/2 of ITC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
246																																								
247	ITC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
248	ITC Amortization	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
249	Accumulated ITC Amortization	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
250	Unamortized ITC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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Program Revenue Requirements		1	2
		2022	2023
WACC Revenue Requirement on Rate Base		19,594	54,566
Federal ITC Amortization		-	-
Gross-up on Federal ITC Amortization		-	-
Gross-up on Book/Tax SL depreciation Difference		335	793
Depreciation Expense		7,378	21,128
Cost of Removal/Salvage Accrual		397	1,159
O&M - operating		1,228	3,740
Lease expense		804	2,459
Property Taxes		847	2,428
Insurance		276	799
Sum of Revenue Requirements ($000)	$0	$30,858	$87,071
NPV of Revenue Requirements (2022$s)	1,140,298		

2022 Solar	0	28,278	26,795
2023 Solar	0	-	52,688
2024 Solar	0	-	-
	-	28,278	79,483
2022 N/U	0	2,580	2,512
2023 N/U	0	-	5,077
2024 N/U	0	-	-
	-	2,580	7,589
Total	-	30,858	87,071
MW's		149.8	449.4

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3	4	5	6	7	8	9
2024	2025	2026	2027	2028	2029	2030
85,273	78,128	71,909	66,889	62,627	59,126	56,269
-	-	-	(6,167)	(6,167)	(6,167)	(6,167)
-	-	-	(2,094)	(2,094)	(2,094)	(2,094)
993	993	993	993	993	993	993
34,391	34,391	34,398	34,414	34,438	34,456	34,477
1,891	1,891	1,891	1,891	1,891	1,891	1,891
6,341	6,466	6,625	6,901	7,288	7,665	7,846
4,180	4,264	4,349	4,436	4,525	4,615	4,707
3,932	3,848	3,762	3,665	3,567	3,469	3,371
1,321	1,361	1,402	1,444	1,489	1,534	1,581
$138,321	$131,341	$125,328	$112,373	$108,557	$105,490	$102,877
25,341	24,272	23,376	20,348	19,774	19,313	18,854
49,877	47,125	45,114	39,268	37,995	36,940	36,103
50,548	47,754	45,018	41,285	39,648	38,416	37,412
125,767	119,151	113,508	100,902	97,417	94,670	92,369
2,435	2,363	2,294	2,229	2,166	2,104	2,042
4,941	4,788	4,643	4,507	4,377	4,252	4,129
5,179	5,040	4,883	4,736	4,597	4,464	4,337
12,554	12,190	11,821	11,471	11,139	10,820	10,507
138,321	131,341	125,328	112,373	108,557	105,490	102,877
749	749	749	749	749	749	749

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10	11	12	13	14	15	16
2031	2032	2033	2034	2035	2036	2037
53,643	51,036	48,438	45,823	43,192	40,571	37,978
(6,167)	(6,167)	(6,167)	(6,167)	(6,167)	(6,167)	(6,167)
(2,094)	(2,094)	(2,094)	(2,094)	(2,094)	(2,094)	(2,094)
993	993	993	993	993	993	993
34,507	34,545	34,585	34,613	34,642	34,681	34,728
1,891	1,891	1,891	1,891	1,891	1,891	1,891
8,042	8,241	8,435	8,612	8,899	9,201	9,423
4,802	4,898	4,996	5,095	5,197	5,301	5,407
3,266	3,156	3,038	2,920	2,790	2,660	2,529
1,630	1,681	1,733	1,786	1,842	1,899	1,958
$100,513	$98,179	$95,848	$93,474	$91,186	$88,937	$86,648
18,417	17,961	17,501	17,043	16,673	16,162	15,711
35,271	34,481	33,654	32,821	31,992	31,337	30,402
36,629	35,852	35,118	34,346	33,568	32,794	32,195
90,317	88,294	86,273	84,210	82,233	80,294	78,307
1,980	1,918	1,856	1,794	1,732	1,670	1,615
4,005	3,882	3,759	3,636	3,513	3,390	3,267
4,211	4,086	3,960	3,834	3,709	3,583	3,458
10,196	9,885	9,575	9,264	8,954	8,643	8,340
100,513	98,179	95,848	93,474	91,186	88,937	86,648
749	749	749	749	749	749	749

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17	18	19	20	21	22	23
2038	2039	2040	2041	2042	2043	2044
35,422	32,900	30,403	27,929	25,472	23,025	20,568
(6,167)	(6,167)	(6,167)	(6,167)	(6,167)	(6,167)	(6,167)
(2,094)	(2,094)	(2,094)	(2,094)	(2,094)	(2,094)	(2,094)
993	993	993	993	993	993	993
34,776	34,809	34,843	34,884	34,932	34,979	35,013
1,891	1,891	1,891	1,891	1,891	1,891	1,891
9,470	9,673	9,901	10,145	10,396	10,643	10,877
5,516	5,626	5,738	5,853	5,970	6,090	6,211
8,745	8,058	7,305	6,526	5,952	5,561	5,300
2,020	2,082	2,147	2,214	2,283	2,355	2,428
$90,573	$87,772	$84,962	$82,175	$79,628	$77,276	$75,021

16,499	15,906	15,315	14,786	14,373	13,825	13,422
32,089	31,069	29,990	28,915	27,959	27,215	26,222
33,920	32,958	32,003	30,991	29,982	29,090	28,400
82,508	79,934	77,308	74,691	72,313	70,130	68,044
1,574	1,539	1,505	1,471	1,436	1,402	1,368
3,158	3,077	3,010	2,943	2,876	2,810	2,743
3,332	3,221	3,139	3,070	3,002	2,934	2,866
8,065	7,838	7,654	7,484	7,315	7,146	6,977
90,573	87,772	84,962	82,175	79,628	77,276	75,021
749	749	749	749	749	749	749

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24	25	26	27	28	29	30
2045	2046	2047	2048	2049	2050	2051
18,100	15,642	13,196	10,753	8,288	5,802	3,589
(6,167)	(6,167)	(6,167)	(6,167)	(6,167)	(6,167)	(6,167)
(2,094)	(2,094)	(2,094)	(2,094)	(2,094)	(2,094)	(2,094)
993	993	993	993	993	993	993
35,047	35,087	35,133	35,178	35,209	35,240	38,588
1,891	1,891	1,891	1,891	1,891	1,891	1,891
11,137	11,415	11,700	11,983	12,254	12,552	12,869
6,336	6,462	6,592	6,723	6,858	6,995	7,135
4,944	4,749	4,490	4,325	4,134	4,072	4,072
2,503	2,581	2,662	2,745	2,830	2,917	3,008
$72,691	$70,559	$68,397	$66,332	$64,197	$62,201	$63,884

12,914	12,539	12,068	11,634	11,238	10,843	14,057
25,497	24,579	23,911	23,061	22,281	21,570	20,862
27,472	26,802	25,947	25,334	24,544	23,822	23,166
65,883	63,920	61,926	60,029	58,063	56,235	58,085
1,333	1,299	1,265	1,231	1,197	1,163	1,129
2,676	2,610	2,543	2,477	2,411	2,345	2,279
2,798	2,730	2,662	2,594	2,527	2,459	2,392
6,808	6,639	6,471	6,302	6,135	5,967	5,799
72,691	70,559	68,397	66,332	64,197	62,201	63,884
749	749	749	749	749	749	749

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31	32
2052	2053
1,814	689
(4,422)	(1,308)
(1,501)	(444)
658	200
34,369	20,265
1,495	732
10,532	5,384
5,822	2,969
3,210	1,582
2,414	1,205
$54,391	$31,274

-	-
27,341	-
22,513	29,017
49,854	29,017

-	-
2,213	-
2,324	2,257
4,537	2,257

54,391	31,274

599.2	299.6

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			0	1	2	5
			2022 Solar	2023 Solar	2024 Solar	2022 NetUp
0	2021	$	-	$ -	$ -	$ -
1	2022	$	28,278	$ -	$ -	$ 2,580
2	2023	$	26,795	$ 52,688	$ -	$ 2,512
3	2024	$	25,341	$ 49,877	$ 50,548	$ 2,435
4	2025	$	24,272	$ 47,125	$ 47,754	$ 2,363
5	2026	$	23,376	$ 45,114	$ 45,018	$ 2,294
6	2027	$	20,348	$ 39,268	$ 41,285	$ 2,229
7	2028	$	19,774	$ 37,995	$ 39,648	$ 2,166
8	2029	$	19,313	$ 36,940	$ 38,416	$ 2,104
9	2030	$	18,854	$ 36,103	$ 37,412	$ 2,042
10	2031	$	18,417	$ 35,271	$ 36,629	$ 1,980
11	2032	$	17,961	$ 34,481	$ 35,852	$ 1,918
12	2033	$	17,501	$ 33,654	$ 35,118	$ 1,856
13	2034	$	17,043	$ 32,821	$ 34,346	$ 1,794
14	2035	$	16,673	$ 31,992	$ 33,568	$ 1,732
15	2036	$	16,162	$ 31,337	$ 32,794	$ 1,670
16	2037	$	15,711	$ 30,402	$ 32,195	$ 1,615
17	2038	$	16,499	$ 32,089	$ 33,920	$ 1,574
18	2039	$	15,906	$ 31,069	$ 32,958	$ 1,539
19	2040	$	15,315	$ 29,990	$ 32,003	$ 1,505
20	2041	$	14,786	$ 28,915	$ 30,991	$ 1,471
21	2042	$	14,373	$ 27,959	$ 29,982	$ 1,436
22	2043	$	13,825	$ 27,215	$ 29,090	$ 1,402
23	2044	$	13,422	$ 26,222	$ 28,400	$ 1,368
24	2045	$	12,914	$ 25,497	$ 27,472	$ 1,333
25	2046	$	12,539	$ 24,579	$ 26,802	$ 1,299
26	2047	$	12,068	$ 23,911	$ 25,947	$ 1,265
27	2048	$	11,634	$ 23,061	$ 25,334	$ 1,231
28	2049	$	11,238	$ 22,281	$ 24,544	$ 1,197
29	2050	$	10,843	$ 21,570	$ 23,822	$ 1,163
30	2051	$	14,057	$ 20,862	$ 23,166	$ 1,129
31	2052	$	-	$ 27,341	$ 22,513	$ -
32	2053	$	-	$ -	$ 29,017	$ -
Total		**$**	**515,239**	**$ 967,630**	**$ 986,545**	**$ 52,200**
NPV (2020$s)		**$**	**235,237**	**$ 410,892**	**$ 385,325**	**$ 23,676**

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6 2023 NetUp	7 2024 NetUp	Total	12 MW's
$ -	$ -	$ -	0
$ -	$ -	$ 30,858	149.8
$ 5,077	$ -	$ 87,071	449.4
$ 4,941	$ 5,179	$ 138,321	749
$ 4,788	$ 5,040	$ 131,341	749
$ 4,643	$ 4,883	$ 125,328	749
$ 4,507	$ 4,736	$ 112,373	749
$ 4,377	$ 4,597	$ 108,557	749
$ 4,252	$ 4,464	$ 105,490	749
$ 4,129	$ 4,337	$ 102,877	749
$ 4,005	$ 4,211	$ 100,513	749
$ 3,882	$ 4,086	$ 98,179	749
$ 3,759	$ 3,960	$ 95,848	749
$ 3,636	$ 3,834	$ 93,474	749
$ 3,513	$ 3,709	$ 91,186	749
$ 3,390	$ 3,583	$ 88,937	749
$ 3,267	$ 3,458	$ 86,648	749
$ 3,158	$ 3,332	$ 90,573	749
$ 3,077	$ 3,221	$ 87,772	749
$ 3,010	$ 3,139	$ 84,962	749
$ 2,943	$ 3,070	$ 82,175	749
$ 2,876	$ 3,002	$ 79,628	749
$ 2,810	$ 2,934	$ 77,276	749
$ 2,743	$ 2,866	$ 75,021	749
$ 2,676	$ 2,798	$ 72,691	749
$ 2,610	$ 2,730	$ 70,559	749
$ 2,543	$ 2,662	$ 68,397	749
$ 2,477	$ 2,594	$ 66,332	749
$ 2,411	$ 2,527	$ 64,197	749
$ 2,345	$ 2,459	$ 62,201	749
$ 2,279	$ 2,392	$ 63,884	749
$ 2,213	$ 2,324	$ 54,391	599.2
$ -	$ 2,257	$ 31,274	299.6
$ 102,338	**$ 104,384**	**$ 2,728,335**	
$ 43,543	**$ 41,625**	**$ 1,140,298**	

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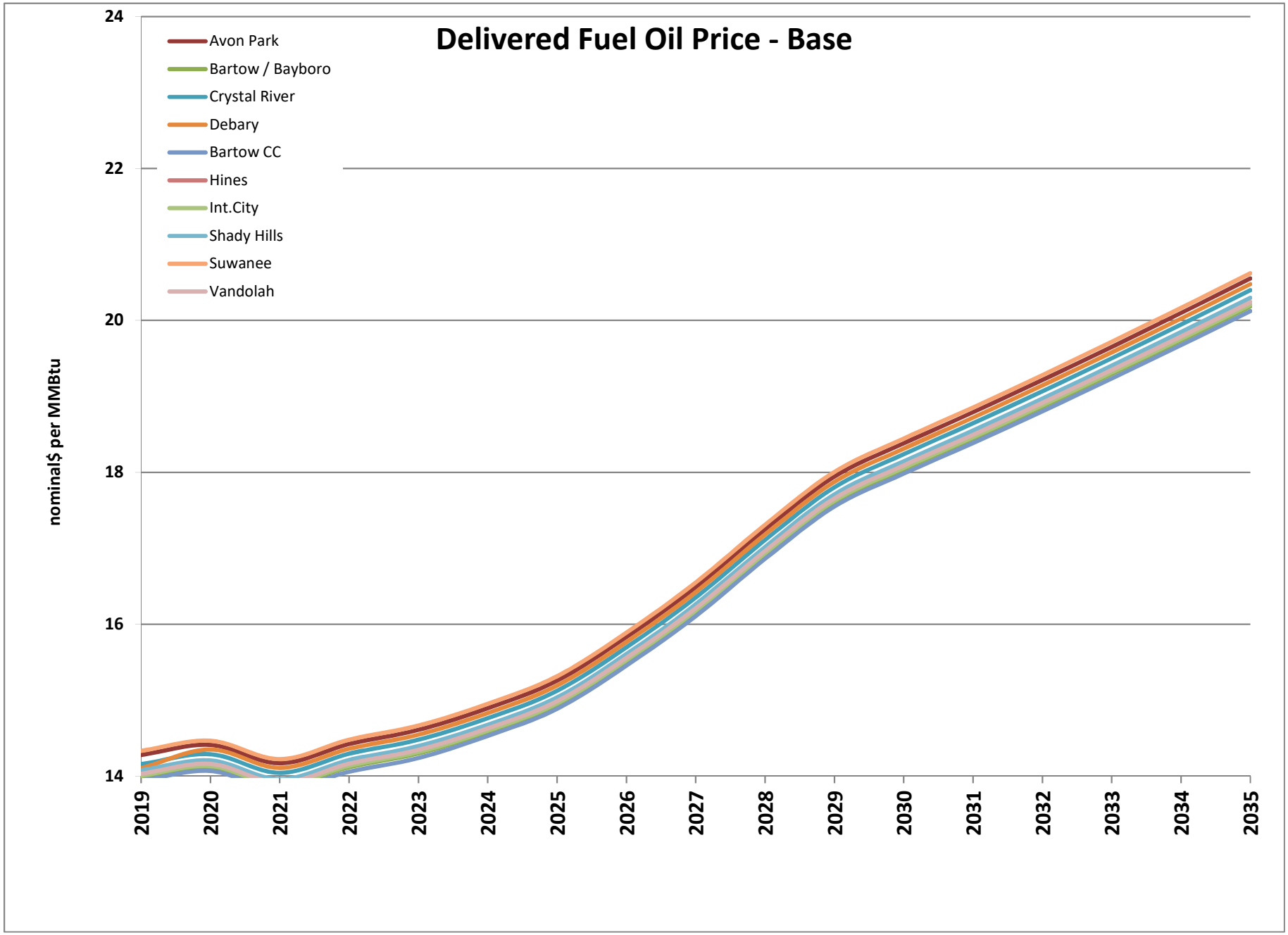

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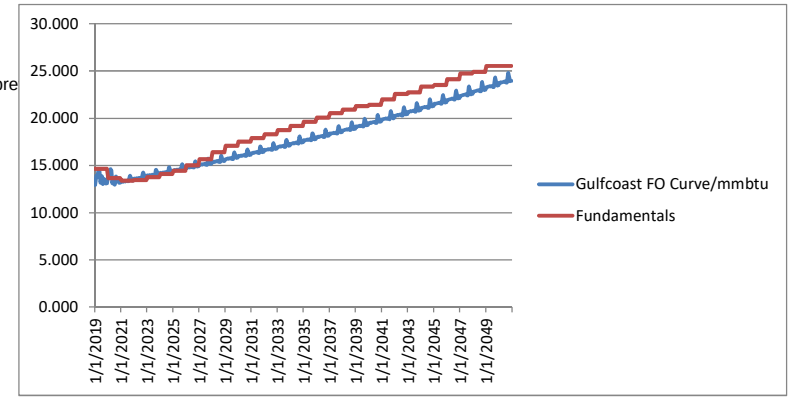
	Gulfcoast FO Curve/mmbtu	nominal$ Fundamentals	Gulfcoast FO Curve/gal	
1/1/2019	12.928	14.62	1.7840	2019
2/1/2019	13.870	14.62	1.9140	2019
3/1/2019	13.783	14.62	1.9020	2019
4/1/2019	14.326	14.62	1.9770	2019
5/1/2019	14.290	14.62	1.9720	2019
6/1/2019	13.167	14.62	1.8170	2019
7/1/2019	13.862	14.62	1.9130	2019
8/1/2019	13.043	14.62	1.8000	2019
9/1/2019	13.580	14.62	1.8740	2019
10/1/2019	13.312	14.62	1.8370	2019
11/1/2019	13.077	14.62	1.8046	2019
12/1/2019	13.089	14.62	1.8063	2019
1/1/2020	13.804	13.66	1.9049	2020
2/1/2020	14.092	13.66	1.9448	2020
3/1/2020	14.595	13.66	2.0142	2020
4/1/2020	14.424	13.66	1.9904	2020
5/1/2020	13.106	13.66	1.8086	2020
6/1/2020	13.602	13.66	1.8770	2020
7/1/2020	12.983	13.66	1.7916	2020
8/1/2020	13.819	13.66	1.9070	2020
9/1/2020	13.636	13.66	1.8818	2020
10/1/2020	13.381	13.66	1.8466	2020
11/1/2020	13.157	13.66	1.8156	2020
12/1/2020	13.181	13.66	1.8189	2020
1/1/2021	13.244	13.38	1.8277	2021
2/1/2021	13.262	13.38	1.8301	2021
3/1/2021	13.279	13.38	1.8325	2021
4/1/2021	13.297	13.38	1.8349	2021
5/1/2021	13.314	13.38	1.8374	2021
6/1/2021	13.332	13.38	1.8398	2021
7/1/2021	13.332	13.38	1.8398	2021
8/1/2021	13.332	13.38	1.8398	2021
9/1/2021	13.889	13.38	1.9166	2021
10/1/2021	13.629	13.38	1.8807	2021
11/1/2021	13.400	13.38	1.8492	2021
12/1/2021	13.424	13.38	1.8526	2021
1/1/2022	13.570	13.44	1.8727	2022
2/1/2022	13.588	13.44	1.8752	2022
3/1/2022	13.606	13.44	1.8777	2022
4/1/2022	13.624	13.44	1.8801	2022
5/1/2022	13.642	13.44	1.8826	2022
6/1/2022	13.660	13.44	1.8851	2022
7/1/2022	13.660	13.44	1.8850	2022
8/1/2022	13.659	13.44	1.8850	2022
9/1/2022	14.230	13.44	1.9637	2022
10/1/2022	13.963	13.44	1.9269	2022
11/1/2022	13.729	13.44	1.8946	2022
12/1/2022	13.754	13.44	1.8981	2022
1/1/2023	13.904	13.75	1.9187	2023
2/1/2023	13.922	13.75	1.9212	2023
3/1/2023	13.940	13.75	1.9237	2023
4/1/2023	13.958	13.75	1.9262	2023
5/1/2023	13.976	13.75	1.9287	2023
6/1/2023	13.995	13.75	1.9313	2023
7/1/2023	13.933	13.75	1.9312	2023
8/1/2023	13.933	13.75	1.9312	2023
9/1/2023	14.515	13.75	2.0118	2023
10/1/2023	14.243	13.75	1.9742	2023
11/1/2023	14.004	13.75	1.9410	2023
12/1/2023	14.029	13.75	1.9446	2023
1/1/2024	14.182	14.08	1.9657	2024
2/1/2024	14.200	14.08	1.9683	2024
3/1/2024	14.219	14.08	1.9709	2024
4/1/2024	14.237	14.08	1.9734	2024

	TCM	Fundamentals
2019	13.53	14.62
2020	13.65	13.66
2021	13.39	13.38
2022	13.72	13.44
2023	14.03	13.75
2024	14.31	14.08
2025	14.60	14.43
2026	14.89	15.00
2027	15.19	15.64
2028	15.49	16.39
2029	15.80	17.07
2030	16.12	17.50
2031	16.44	17.89
2032	16.77	18.30
2033	17.10	18.73
2034	17.44	19.16
2035	17.79	19.60
2036	18.15	20.05
2037	18.51	20.52
2038	18.88	20.91
2039	19.26	21.29
2040	19.64	21.42
2041	20.04	21.98
2042	20.44	22.55
2043	20.85	22.74
2044	21.26	23.33
2045	21.69	23.52
2046	22.12	24.12
2047	22.57	24.73
2048	23.02	24.91
2049	23.48	25.53
2050	23.95	25.53

Historical Gulf Coast FO
COB 10/16/2019
Grow at 1.5% of same month pre
Fall 2019 IHS Fundamentals
NYMEX - Close 4/15/19



5/1/2024	14.256	14.08	1.9760	2024
6/1/2024	14.274	14.08	1.9786	2024
7/1/2024	14.211	14.08	1.9785	2024
8/1/2024	14.211	14.08	1.9784	2024
9/1/2024	14.805	14.08	2.0610	2024
10/1/2024	14.528	14.08	2.0224	2024
11/1/2024	14.284	14.08	1.9884	2024
12/1/2024	14.310	14.08	1.9919	2024
1/1/2025	14.465	14.43	2.0135	2025
2/1/2025	14.484	14.43	2.0161	2025
3/1/2025	14.503	14.43	2.0187	2025
4/1/2025	14.522	14.43	2.0213	2025
5/1/2025	14.541	14.43	2.0239	2025
6/1/2025	14.560	14.43	2.0265	2025
7/1/2025	14.496	14.43	2.0271	2025
8/1/2025	14.496	14.43	2.0278	2025
9/1/2025	15.101	14.43	2.1133	2025
10/1/2025	14.818	14.43	2.0744	2025
11/1/2025	14.569	14.43	2.0403	2025
12/1/2025	14.596	14.43	2.0447	2025
1/1/2026	14.755	15.00	2.0677	2026
2/1/2026	14.774	15.00	2.0711	2026
3/1/2026	14.793	15.00	2.0745	2026
4/1/2026	14.813	15.00	2.0780	2026
5/1/2026	14.832	15.00	2.0814	2026
6/1/2026	14.851	15.00	2.0569	2026
7/1/2026	14.786	15.00	2.0576	2026
8/1/2026	14.785	15.00	2.0582	2026
9/1/2026	15.403	15.00	2.1449	2026
10/1/2026	15.114	15.00	2.1055	2026
11/1/2026	14.861	15.00	2.0709	2026
12/1/2026	14.888	15.00	2.0754	2026
1/1/2027	15.050	15.64	2.0987	2027
2/1/2027	15.069	15.64	2.1022	2027
3/1/2027	15.089	15.64	2.1056	2027
4/1/2027	15.109	15.64	2.1091	2027
5/1/2027	15.128	15.64	2.1126	2027
6/1/2027	15.148	15.64	2.0877	2027
7/1/2027	15.081	15.64	2.0884	2027
8/1/2027	15.081	15.64	2.0891	2027
9/1/2027	15.711	15.64	2.1771	2027
10/1/2027	15.417	15.64	2.1371	2027
11/1/2027	15.158	15.64	2.1020	2027
12/1/2027	15.186	15.64	2.1065	2027
1/1/2028	15.351	16.39	2.1302	2028
2/1/2028	15.371	16.39	2.1337	2028
3/1/2028	15.391	16.39	2.1372	2028
4/1/2028	15.411	16.39	2.1408	2028
5/1/2028	15.431	16.39	2.1443	2028
6/1/2028	15.451	16.39	2.1190	2028
7/1/2028	15.383	16.39	2.1197	2028
8/1/2028	15.383	16.39	2.1205	2028
9/1/2028	16.025	16.39	2.2098	2028
10/1/2028	15.725	16.39	2.1691	2028
11/1/2028	15.461	16.39	2.1335	2028
12/1/2028	15.489	16.39	2.1381	2028
1/1/2029	15.658	17.07	2.1621	2029
2/1/2029	15.678	17.07	2.1657	2029
3/1/2029	15.699	17.07	2.1693	2029

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4/1/2029	15.719	17.07	2.1729	2029
5/1/2029	15.740	17.07	2.1765	2029
6/1/2029	15.760	17.07	2.1508	2029
7/1/2029	15.691	17.07	2.1515	2029
8/1/2029	15.690	17.07	2.1523	2029
9/1/2029	16.346	17.07	2.2429	2029
10/1/2029	16.040	17.07	2.2017	2029
11/1/2029	15.770	17.07	2.1655	2029
12/1/2029	15.799	17.07	2.1702	2029
1/1/2030	15.971	17.50	2.1945	2030
2/1/2030	15.992	17.50	2.1982	2030
3/1/2030	16.013	17.50	2.2018	2030
4/1/2030	16.034	17.50	2.2055	2030
5/1/2030	16.054	17.50	2.2091	2030
6/1/2030	16.075	17.50	2.1831	2030
7/1/2030	16.004	17.50	2.1838	2030
8/1/2030	16.004	17.50	2.1845	2030
9/1/2030	16.673	17.50	2.2766	2030
10/1/2030	16.360	17.50	2.2347	2030
11/1/2030	16.086	17.50	2.1980	2030
12/1/2030	16.115	17.50	2.2027	2030
1/1/2031	16.290	17.89	2.2275	2031
2/1/2031	16.312	17.89	2.2312	2031
3/1/2031	16.333	17.89	2.2348	2031
4/1/2031	16.354	17.89	2.2385	2031
5/1/2031	16.376	17.89	2.2422	2031
6/1/2031	16.397	17.89	2.2158	2031
7/1/2031	16.325	17.89	2.2166	2031
8/1/2031	16.324	17.89	2.2173	2031
9/1/2031	17.006	17.89	2.3107	2031
10/1/2031	16.688	17.89	2.2682	2031
11/1/2031	16.408	17.89	2.2310	2031
12/1/2031	16.437	17.89	2.2358	2031
1/1/2032	16.616	18.30	2.2609	2032
2/1/2032	16.638	18.30	2.2646	2032
3/1/2032	16.660	18.30	2.2684	2032
4/1/2032	16.681	18.30	2.2721	2032
5/1/2032	16.703	18.30	2.2759	2032
6/1/2032	16.725	18.30	2.2491	2032
7/1/2032	16.651	18.30	2.2498	2032
8/1/2032	16.651	18.30	2.2506	2032
9/1/2032	17.346	18.30	2.3454	2032
10/1/2032	17.021	18.30	2.3023	2032
11/1/2032	16.736	18.30	2.2644	2032
12/1/2032	16.766	18.30	2.2693	2032
1/1/2033	16.948	18.73	2.2948	2033
2/1/2033	16.971	18.73	2.2986	2033
3/1/2033	16.993	18.73	2.3024	2033
4/1/2033	17.015	18.73	2.3062	2033
5/1/2033	17.037	18.73	2.3100	2033
6/1/2033	17.059	18.73	2.2828	2033
7/1/2033	16.984	18.73	2.2836	2033
8/1/2033	16.984	18.73	2.2843	2033
9/1/2033	17.693	18.73	2.3806	2033
10/1/2033	17.362	18.73	2.3368	2033
11/1/2033	17.070	18.73	2.2984	2033
12/1/2033	17.101	18.73	2.3034	2033
1/1/2034	17.287	19.16	2.3292	2034
2/1/2034	17.310	19.16	2.3331	2034

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3/1/2034	17.333	19.16	2.3369	2034
4/1/2034	17.355	19.16	2.3408	2034
5/1/2034	17.378	19.16	2.3447	2034
6/1/2034	17.400	19.16	2.3170	2034
7/1/2034	17.324	19.16	2.3178	2034
8/1/2034	17.323	19.16	2.3186	2034
9/1/2034	18.047	19.16	2.4163	2034
10/1/2034	17.709	19.16	2.3718	2034
11/1/2034	17.412	19.16	2.3329	2034
12/1/2034	17.443	19.16	2.3379	2034
1/1/2035	17.633	19.60	2.3641	2035
2/1/2035	17.656	19.60	2.3681	2035
3/1/2035	17.679	19.60	2.3720	2035
4/1/2035	17.702	19.60	2.3759	2035
5/1/2035	17.725	19.60	2.3798	2035
6/1/2035	17.748	19.60	2.3518	2035
7/1/2035	17.670	19.60	2.3526	2035
8/1/2035	17.670	19.60	2.3534	2035
9/1/2035	18.408	19.60	2.4525	2035
10/1/2035	18.063	19.60	2.4074	2035
11/1/2035	17.760	19.60	2.3679	2035
12/1/2035	17.792	19.60	2.3730	2035
1/1/2036	17.986	20.05	2.3996	2036
2/1/2036	18.009	20.05	2.4036	2036
3/1/2036	18.033	20.05	2.4076	2036
4/1/2036	18.056	20.05	2.4116	2036
5/1/2036	18.080	20.05	2.4155	2036
6/1/2036	18.103	20.05	2.3871	2036
7/1/2036	18.024	20.05	2.3879	2036
8/1/2036	18.023	20.05	2.3887	2036
9/1/2036	18.776	20.05	2.4893	2036
10/1/2036	18.424	20.05	2.4435	2036
11/1/2036	18.115	20.05	2.4034	2036
12/1/2036	18.148	20.05	2.4086	2036
1/1/2037	18.345	20.52	2.4356	2037
2/1/2037	18.369	20.52	2.4396	2037
3/1/2037	18.393	20.52	2.4437	2037
4/1/2037	18.418	20.52	2.4477	2037
5/1/2037	18.442	20.52	2.4518	2037
6/1/2037	18.466	20.52	2.4229	2037
7/1/2037	18.384	20.52	2.4237	2037
8/1/2037	18.384	20.52	2.4245	2037
9/1/2037	19.152	20.52	2.5266	2037
10/1/2037	18.793	20.52	2.4802	2037
11/1/2037	18.478	20.52	2.4394	2037
12/1/2037	18.511	20.52	2.4447	2037
1/1/2038	18.712	20.91	2.4721	2038
2/1/2038	18.737	20.91	2.4762	2038
3/1/2038	18.761	20.91	2.4803	2038
4/1/2038	18.786	20.91	2.4844	2038
5/1/2038	18.810	20.91	2.4885	2038
6/1/2038	18.835	20.91	2.4592	2038
7/1/2038	18.752	20.91	2.4600	2038
8/1/2038	18.751	20.91	2.4609	2038
9/1/2038	19.535	20.91	2.5645	2038
10/1/2038	19.169	20.91	2.5174	2038
11/1/2038	18.847	20.91	2.4760	2038
12/1/2038	18.881	20.91	2.4814	2038
1/1/2039	19.087	21.29	2.5092	2039

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2/1/2039	19.112	21.29	2.5134	2039
3/1/2039	19.137	21.29	2.5175	2039
4/1/2039	19.162	21.29	2.5217	2039
5/1/2039	19.187	21.29	2.5259	2039
6/1/2039	19.212	21.29	2.4961	2039
7/1/2039	19.127	21.29	2.4969	2039
8/1/2039	19.127	21.29	2.4978	2039
9/1/2039	19.925	21.29	2.6030	2039
10/1/2039	19.552	21.29	2.5551	2039
11/1/2039	19.224	21.29	2.5132	2039
12/1/2039	19.259	21.29	2.5186	2039
1/1/2040	19.468	21.42	2.5469	2040
2/1/2040	19.494	21.42	2.5511	2040
3/1/2040	19.519	21.42	2.5553	2040
4/1/2040	19.545	21.42	2.5595	2040
5/1/2040	19.570	21.42	2.5638	2040
6/1/2040	19.596	21.42	2.5336	2040
7/1/2040	19.509	21.42	2.5344	2040
8/1/2040	19.509	21.42	2.5352	2040
9/1/2040	20.324	21.42	2.6421	2040
10/1/2040	19.943	21.42	2.5935	2040
11/1/2040	19.609	21.42	2.5509	2040
12/1/2040	19.644	21.42	2.5564	2040
1/1/2041	19.858	21.98	2.5851	2041
2/1/2041	19.884	21.98	2.5893	2041
3/1/2041	19.910	21.98	2.5936	2041
4/1/2041	19.936	21.98	2.5979	2041
5/1/2041	19.962	21.98	2.6022	2041
6/1/2041	19.988	21.98	2.5716	2041
7/1/2041	19.900	21.98	2.5724	2041
8/1/2041	19.899	21.98	2.5733	2041
9/1/2041	20.730	21.98	2.6817	2041
10/1/2041	20.342	21.98	2.6324	2041
11/1/2041	20.001	21.98	2.5891	2041
12/1/2041	20.037	21.98	2.5947	2041
1/1/2042	20.255	22.55	2.6238	2042
2/1/2042	20.281	22.55	2.6282	2042
3/1/2042	20.308	22.55	2.6325	2042
4/1/2042	20.334	22.55	2.6369	2042
5/1/2042	20.361	22.55	2.6413	2042
6/1/2042	20.387	22.55	2.6101	2042
7/1/2042	20.298	22.55	2.6110	2042
8/1/2042	20.297	22.55	2.6119	2042
9/1/2042	21.145	22.55	2.7219	2042
10/1/2042	20.749	22.55	2.6719	2042
11/1/2042	20.401	22.55	2.6280	2042
12/1/2042	20.438	22.55	2.6336	2042
1/1/2043	20.660	22.74	2.6632	2043
2/1/2043	20.687	22.74	2.6676	2043
3/1/2043	20.714	22.74	2.6720	2043
4/1/2043	20.741	22.74	2.6764	2043
5/1/2043	20.768	22.74	2.6809	2043
6/1/2043	20.795	22.74	2.6493	2043
7/1/2043	20.703	22.74	2.6502	2043
8/1/2043	20.703	22.74	2.6511	2043
9/1/2043	21.568	22.74	2.7627	2043
10/1/2043	21.164	22.74	2.7119	2043
11/1/2043	20.809	22.74	2.6674	2043
12/1/2043	20.847	22.74	2.6731	2043

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1/1/2044	21.073	23.33	2.7031	2044
2/1/2044	21.101	23.33	2.7076	2044
3/1/2044	21.128	23.33	2.7121	2044
4/1/2044	21.156	23.33	2.7166	2044
5/1/2044	21.184	23.33	2.7211	2044
6/1/2044	21.211	23.33	2.6890	2044
7/1/2044	21.118	23.33	2.6899	2044
8/1/2044	21.117	23.33	2.6908	2044
9/1/2044	21.999	23.33	2.8042	2044
10/1/2044	21.587	23.33	2.7526	2044
11/1/2044	21.225	23.33	2.7074	2044
12/1/2044	21.264	23.33	2.7132	2044
1/1/2045	21.495	23.52	2.7437	2045
2/1/2045	21.523	23.52	2.7482	2045
3/1/2045	21.551	23.52	2.7528	2045
4/1/2045	21.579	23.52	2.7573	2045
5/1/2045	21.607	23.52	2.7619	2045
6/1/2045	21.635	23.52	2.7294	2045
7/1/2045	21.540	23.52	2.7303	2045
8/1/2045	21.540	23.52	2.7312	2045
9/1/2045	22.439	23.52	2.8462	2045
10/1/2045	22.019	23.52	2.7939	2045
11/1/2045	21.649	23.52	2.7480	2045
12/1/2045	21.689	23.52	2.7539	2045
1/1/2046	21.925	24.12	2.7848	2046
2/1/2046	21.953	24.12	2.7895	2046
3/1/2046	21.982	24.12	2.7941	2046
4/1/2046	22.011	24.12	2.7987	2046
5/1/2046	22.039	24.12	2.8033	2046
6/1/2046	22.068	24.12	2.7703	2046
7/1/2046	21.971	24.12	2.7712	2046
8/1/2046	21.970	24.12	2.7722	2046
9/1/2046	22.888	24.12	2.8889	2046
10/1/2046	22.459	24.12	2.8358	2046
11/1/2046	22.082	24.12	2.7892	2046
12/1/2046	22.123	24.12	2.7953	2046
1/1/2047	22.363	24.73	2.8266	2047
2/1/2047	22.392	24.73	2.8313	2047
3/1/2047	22.422	24.73	2.8360	2047
4/1/2047	22.451	24.73	2.8407	2047
5/1/2047	22.480	24.73	2.8454	2047
6/1/2047	22.509	24.73	2.8119	2047
7/1/2047	22.410	24.73	2.8128	2047
8/1/2047	22.410	24.73	2.8137	2047
9/1/2047	23.346	24.73	2.9323	2047
10/1/2047	22.908	24.73	2.8784	2047
11/1/2047	22.524	24.73	2.8310	2047
12/1/2047	22.565	24.73	2.8372	2047
1/1/2048	22.810	24.91	2.8690	2048
2/1/2048	22.840	24.91	2.8738	2048
3/1/2048	22.870	24.91	2.8785	2048
4/1/2048	22.900	24.91	2.8833	2048
5/1/2048	22.930	24.91	2.8881	2048
6/1/2048	22.960	24.91	2.8540	2048
7/1/2048	22.858	24.91	2.8550	2048
8/1/2048	22.858	24.91	2.8559	2048
9/1/2048	23.813	24.91	2.9763	2048
10/1/2048	23.367	24.91	2.9215	2048
11/1/2048	22.975	24.91	2.8735	2048

12/1/2048	23.016	24.91	2.8797	2048
1/1/2049	23.266	25.53	2.9121	2049
2/1/2049	23.297	25.53	2.9169	2049
3/1/2049	23.327	25.53	2.9217	2049
4/1/2049	23.358	25.53	2.9265	2049
5/1/2049	23.388	25.53	2.9314	2049
6/1/2049	23.419	25.53	2.8968	2049
7/1/2049	23.315	25.53	2.8978	2049
8/1/2049	23.315	25.53	2.8988	2049
9/1/2049	24.289	25.53	3.0209	2049
10/1/2049	23.834	25.53	2.9654	2049
11/1/2049	23.434	25.53	2.9166	2049
12/1/2049	23.477	25.53	2.9229	2049
1/1/2050	23.732	25.53	2.9557	2050
2/1/2050	23.763	25.53	2.9606	2050
3/1/2050	23.794	25.53	2.9655	2050
4/1/2050	23.825	25.53	2.9704	2050
5/1/2050	23.856	25.53	2.9753	2050
6/1/2050	23.887	25.53	2.9403	2050
7/1/2050	23.782	25.53	2.9413	2050
8/1/2050	23.781	25.53	2.9423	2050
9/1/2050	24.775	25.53	3.0662	2050
10/1/2050	24.311	25.53	3.0098	2050
11/1/2050	23.903	25.53	2.9604	2050
12/1/2050	23.946	25.53	2.9668	2050

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Avon Park — PETROLEUM PRODUCT PRICE FORECAST DATA — PROSYM INPUT — ANNUAL AVERAGE

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Date	Petroleum Product Price Forecast - Gulf Coast	TCM	Blend TCM/ Fundamental (%)	Blend TCM/ Fundamental ($)	Avon Park Transport ($/MMBtu)
1/1/2019	14.62	12.93	100%	12.93	0.752
2/1/2019	14.62	13.87	100%	13.87	0.752
3/1/2019	14.62	13.78	100%	13.78	0.752
4/1/2019	14.62	14.33	100%	14.33	0.752
5/1/2019	14.62	14.29	100%	14.29	0.752
6/1/2019	14.62	13.17	100%	13.17	0.752
7/1/2019	14.62	13.86	100%	13.86	0.752
8/1/2019	14.62	13.04	100%	13.04	0.752
9/1/2019	14.62	13.58	100%	13.58	0.752
10/1/2019	14.62	13.31	100%	13.31	0.752
11/1/2019	14.62	13.08	100%	13.08	0.752
12/1/2019	14.62	13.09	100%	13.09	0.752
1/1/2020	13.66	13.80	100%	13.80	0.763
2/1/2020	13.66	14.09	100%	14.09	0.763
3/1/2020	13.66	14.60	100%	14.60	0.763
4/1/2020	13.66	14.42	100%	14.42	0.763
5/1/2020	13.66	13.11	100%	13.11	0.763
6/1/2020	13.66	13.60	100%	13.60	0.763
7/1/2020	13.66	12.98	100%	12.98	0.763
8/1/2020	13.66	13.82	100%	13.82	0.763
9/1/2020	13.66	13.64	100%	13.64	0.763
10/1/2020	13.66	13.38	100%	13.38	0.763
11/1/2020	13.66	13.16	100%	13.16	0.763
12/1/2020	13.66	13.18	100%	13.18	0.763
1/1/2021	13.38	13.24	100%	13.24	0.775
2/1/2021	13.38	13.26	100%	13.26	0.775
3/1/2021	13.38	13.28	100%	13.28	0.775
4/1/2021	13.38	13.30	100%	13.30	0.775
5/1/2021	13.38	13.31	100%	13.31	0.775
6/1/2021	13.38	13.33	100%	13.33	0.775
7/1/2021	13.38	13.33	100%	13.33	0.775
8/1/2021	13.38	13.33	100%	13.33	0.775
9/1/2021	13.38	13.89	100%	13.89	0.775
10/1/2021	13.38	13.63	100%	13.63	0.775
11/1/2021	13.38	13.40	100%	13.40	0.775
12/1/2021	13.38	13.42	100%	13.42	0.775
1/1/2022	13.44	13.57	96%	13.57	0.787
2/1/2022	13.44	13.59	92%	13.58	0.787
3/1/2022	13.44	13.61	88%	13.59	0.787
4/1/2022	13.44	13.62	84%	13.60	0.787
5/1/2022	13.44	13.64	80%	13.60	0.787
6/1/2022	13.44	13.66	76%	13.61	0.787
7/1/2022	13.44	13.66	72%	13.60	0.787
8/1/2022	13.44	13.66	68%	13.59	0.787
9/1/2022	13.44	14.23	64%	13.95	0.787
10/1/2022	13.44	13.96	60%	13.76	0.787
11/1/2022	13.44	13.73	56%	13.60	0.787
12/1/2022	13.44	13.75	52%	13.60	0.787
1/1/2023	13.75	13.90	48%	13.82	0.798
2/1/2023	13.75	13.92	44%	13.83	0.798
3/1/2023	13.75	13.94	40%	13.83	0.798
4/1/2023	13.75	13.96	36%	13.82	0.798
5/1/2023	13.75	13.98	32%	13.82	0.798
6/1/2023	13.75	13.99	28%	13.82	0.798
7/1/2023	13.75	13.93	24%	13.79	0.798
8/1/2023	13.75	13.93	20%	13.79	0.798
9/1/2023	13.75	14.51	16%	13.87	0.798
10/1/2023	13.75	14.24	12%	13.81	0.798
11/1/2023	13.75	14.00	8%	13.77	0.798
12/1/2023	13.75	14.03	4%	13.76	0.798
1/1/2024	14.08	14.18	0%	14.08	0.810
2/1/2024	14.08	14.20	0%	14.08	0.810
3/1/2024	14.08	14.22	0%	14.08	0.810
4/1/2024	14.08	14.24	0%	14.08	0.810
5/1/2024	14.08	14.26	0%	14.08	0.810

Date	nomianl$/MMBtu
1/1/2019	13.68
2/1/2019	14.62
3/1/2019	14.53
4/1/2019	15.08
5/1/2019	15.04
6/1/2019	13.92
7/1/2019	14.61
8/1/2019	13.80
9/1/2019	14.33
10/1/2019	14.06
11/1/2019	13.83
12/1/2019	13.84
1/1/2020	14.57
2/1/2020	14.86
3/1/2020	15.36
4/1/2020	15.19
5/1/2020	13.87
6/1/2020	14.36
7/1/2020	13.75
8/1/2020	14.58
9/1/2020	14.40
10/1/2020	14.14
11/1/2020	13.92
12/1/2020	13.94
1/1/2021	14.02
2/1/2021	14.04
3/1/2021	14.05
4/1/2021	14.07
5/1/2021	14.09
6/1/2021	14.11
7/1/2021	14.11
8/1/2021	14.11
9/1/2021	14.66
10/1/2021	14.40
11/1/2021	14.17
12/1/2021	14.20
1/1/2022	14.35
2/1/2022	14.36
3/1/2022	14.37
4/1/2022	14.38
5/1/2022	14.39
6/1/2022	14.39
7/1/2022	14.39
8/1/2022	14.38
9/1/2022	14.73
10/1/2022	14.54
11/1/2022	14.39
12/1/2022	14.39
1/1/2023	14.62
2/1/2023	14.62
3/1/2023	14.62
4/1/2023	14.62
5/1/2023	14.62
6/1/2023	14.62
7/1/2023	14.59
8/1/2023	14.58
9/1/2023	14.67
10/1/2023	14.61
11/1/2023	14.57
12/1/2023	14.56
1/1/2024	14.89
2/1/2024	14.89
3/1/2024	14.89
4/1/2024	14.89
5/1/2024	14.89

		Avon Park
2019	2019	14.28
2019	2020	14.41
2019	2021	14.17
2019	2022	14.42
2019	2023	14.61
2019	2024	14.89
2019	2025	15.26
2019	2026	15.83
2019	2027	16.49
2019	2028	17.25
2019	2029	17.94
2019	2030	18.38
2020	2031	18.79
2020	2032	19.21
2020	2033	19.65
2020	2034	20.10
2020	2035	20.55
2020	2036	21.02
2020	2037	21.50
2020	2038	21.90
2020	2039	22.30
2020	2040	22.45
2020	2041	23.02
2020	2042	23.61
2021	2043	23.81
2021	2044	24.42
2021	2045	24.62
2021	2046	25.24
2021	2047	25.87
2021	2048	26.06
2021	2049	26.71
2021	2050	26.72
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6/1/2024	14.08	14.27	0%	14.08	0.810	6/1/2024	14.89	2024
7/1/2024	14.08	14.21	0%	14.08	0.810	7/1/2024	14.89	2024
8/1/2024	14.08	14.21	0%	14.08	0.810	8/1/2024	14.89	2024
9/1/2024	14.08	14.80	0%	14.08	0.810	9/1/2024	14.89	2024
10/1/2024	14.08	14.53	0%	14.08	0.810	10/1/2024	14.89	2024
11/1/2024	14.08	14.28	0%	14.08	0.810	11/1/2024	14.89	2024
12/1/2024	14.08	14.31	0%	14.08	0.810	12/1/2024	14.89	2024
1/1/2025	14.43	14.47	0%	14.43	0.822	1/1/2025	15.26	2025
2/1/2025	14.43	14.48	0%	14.43	0.822	2/1/2025	15.26	2025
3/1/2025	14.43	14.50	0%	14.43	0.822	3/1/2025	15.26	2025
4/1/2025	14.43	14.52	0%	14.43	0.822	4/1/2025	15.26	2025
5/1/2025	14.43	14.54	0%	14.43	0.822	5/1/2025	15.26	2025
6/1/2025	14.43	14.56	0%	14.43	0.822	6/1/2025	15.26	2025
7/1/2025	14.43	14.50	0%	14.43	0.822	7/1/2025	15.26	2025
8/1/2025	14.43	14.50	0%	14.43	0.822	8/1/2025	15.26	2025
9/1/2025	14.43	15.10	0%	14.43	0.822	9/1/2025	15.26	2025
10/1/2025	14.43	14.82	0%	14.43	0.822	10/1/2025	15.26	2025
11/1/2025	14.43	14.57	0%	14.43	0.822	11/1/2025	15.26	2025
12/1/2025	14.43	14.60	0%	14.43	0.822	12/1/2025	15.26	2025
1/1/2026	15.00	14.75	0%	15.00	0.835	1/1/2026	15.83	2026
2/1/2026	15.00	14.77	0%	15.00	0.835	2/1/2026	15.83	2026
3/1/2026	15.00	14.79	0%	15.00	0.835	3/1/2026	15.83	2026
4/1/2026	15.00	14.81	0%	15.00	0.835	4/1/2026	15.83	2026
5/1/2026	15.00	14.83	0%	15.00	0.835	5/1/2026	15.83	2026
6/1/2026	15.00	14.85	0%	15.00	0.835	6/1/2026	15.83	2026
7/1/2026	15.00	14.79	0%	15.00	0.835	7/1/2026	15.83	2026
8/1/2026	15.00	14.79	0%	15.00	0.835	8/1/2026	15.83	2026
9/1/2026	15.00	15.40	0%	15.00	0.835	9/1/2026	15.83	2026
10/1/2026	15.00	15.11	0%	15.00	0.835	10/1/2026	15.83	2026
11/1/2026	15.00	14.86	0%	15.00	0.835	11/1/2026	15.83	2026
12/1/2026	15.00	14.89	0%	15.00	0.835	12/1/2026	15.83	2026
1/1/2027	15.64	15.05	0%	15.64	0.847	1/1/2027	16.49	2027
2/1/2027	15.64	15.07	0%	15.64	0.847	2/1/2027	16.49	2027
3/1/2027	15.64	15.09	0%	15.64	0.847	3/1/2027	16.49	2027
4/1/2027	15.64	15.11	0%	15.64	0.847	4/1/2027	16.49	2027
5/1/2027	15.64	15.13	0%	15.64	0.847	5/1/2027	16.49	2027
6/1/2027	15.64	15.15	0%	15.64	0.847	6/1/2027	16.49	2027
7/1/2027	15.64	15.08	0%	15.64	0.847	7/1/2027	16.49	2027
8/1/2027	15.64	15.08	0%	15.64	0.847	8/1/2027	16.49	2027
9/1/2027	15.64	15.71	0%	15.64	0.847	9/1/2027	16.49	2027
10/1/2027	15.64	15.42	0%	15.64	0.847	10/1/2027	16.49	2027
11/1/2027	15.64	15.16	0%	15.64	0.847	11/1/2027	16.49	2027
12/1/2027	15.64	15.19	0%	15.64	0.847	12/1/2027	16.49	2027
1/1/2028	16.39	15.35	0%	16.39	0.860	1/1/2028	17.25	2028
2/1/2028	16.39	15.37	0%	16.39	0.860	2/1/2028	17.25	2028
3/1/2028	16.39	15.39	0%	16.39	0.860	3/1/2028	17.25	2028
4/1/2028	16.39	15.41	0%	16.39	0.860	4/1/2028	17.25	2028
5/1/2028	16.39	15.43	0%	16.39	0.860	5/1/2028	17.25	2028
6/1/2028	16.39	15.45	0%	16.39	0.860	6/1/2028	17.25	2028
7/1/2028	16.39	15.38	0%	16.39	0.860	7/1/2028	17.25	2028
8/1/2028	16.39	15.38	0%	16.39	0.860	8/1/2028	17.25	2028
9/1/2028	16.39	16.03	0%	16.39	0.860	9/1/2028	17.25	2028
10/1/2028	16.39	15.73	0%	16.39	0.860	10/1/2028	17.25	2028
11/1/2028	16.39	15.46	0%	16.39	0.860	11/1/2028	17.25	2028
12/1/2028	16.39	15.49	0%	16.39	0.860	12/1/2028	17.25	2028
1/1/2029	17.07	15.66	0%	17.07	0.873	1/1/2029	17.94	2029
2/1/2029	17.07	15.68	0%	17.07	0.873	2/1/2029	17.94	2029
3/1/2029	17.07	15.70	0%	17.07	0.873	3/1/2029	17.94	2029
4/1/2029	17.07	15.72	0%	17.07	0.873	4/1/2029	17.94	2029
5/1/2029	17.07	15.74	0%	17.07	0.873	5/1/2029	17.94	2029
6/1/2029	17.07	15.76	0%	17.07	0.873	6/1/2029	17.94	2029
7/1/2029	17.07	15.69	0%	17.07	0.873	7/1/2029	17.94	2029
8/1/2029	17.07	15.69	0%	17.07	0.873	8/1/2029	17.94	2029
9/1/2029	17.07	16.35	0%	17.07	0.873	9/1/2029	17.94	2029
10/1/2029	17.07	16.04	0%	17.07	0.873	10/1/2029	17.94	2029
11/1/2029	17.07	15.77	0%	17.07	0.873	11/1/2029	17.94	2029
12/1/2029	17.07	15.80	0%	17.07	0.873	12/1/2029	17.94	2029
1/1/2030	17.50	15.97	0%	17.50	0.886	1/1/2030	18.38	2030
2/1/2030	17.50	15.99	0%	17.50	0.886	2/1/2030	18.38	2030
3/1/2030	17.50	16.01	0%	17.50	0.886	3/1/2030	18.38	2030
4/1/2030	17.50	16.03	0%	17.50	0.886	4/1/2030	18.38	2030

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5/1/2030	17.50	16.05	0%	17.50	0.886	5/1/2030	18.38	2030
6/1/2030	17.50	16.08	0%	17.50	0.886	6/1/2030	18.38	2030
7/1/2030	17.50	16.00	0%	17.50	0.886	7/1/2030	18.38	2030
8/1/2030	17.50	16.00	0%	17.50	0.886	8/1/2030	18.38	2030
9/1/2030	17.50	16.67	0%	17.50	0.886	9/1/2030	18.38	2030
10/1/2030	17.50	16.36	0%	17.50	0.886	10/1/2030	18.38	2030
11/1/2030	17.50	16.09	0%	17.50	0.886	11/1/2030	18.38	2030
12/1/2030	17.50	16.12	0%	17.50	0.886	12/1/2030	18.38	2030
1/1/2031	17.89	16.29	0%	17.89	0.899	1/1/2031	18.79	2031
2/1/2031	17.89	16.31	0%	17.89	0.899	2/1/2031	18.79	2031
3/1/2031	17.89	16.33	0%	17.89	0.899	3/1/2031	18.79	2031
4/1/2031	17.89	16.35	0%	17.89	0.899	4/1/2031	18.79	2031
5/1/2031	17.89	16.38	0%	17.89	0.899	5/1/2031	18.79	2031
6/1/2031	17.89	16.40	0%	17.89	0.899	6/1/2031	18.79	2031
7/1/2031	17.89	16.32	0%	17.89	0.899	7/1/2031	18.79	2031
8/1/2031	17.89	16.32	0%	17.89	0.899	8/1/2031	18.79	2031
9/1/2031	17.89	17.01	0%	17.89	0.899	9/1/2031	18.79	2031
10/1/2031	17.89	16.69	0%	17.89	0.899	10/1/2031	18.79	2031
11/1/2031	17.89	16.41	0%	17.89	0.899	11/1/2031	18.79	2031
12/1/2031	17.89	16.44	0%	17.89	0.899	12/1/2031	18.79	2031
1/1/2032	18.30	16.62	0%	18.30	0.913	1/1/2032	19.21	2032
2/1/2032	18.30	16.64	0%	18.30	0.913	2/1/2032	19.21	2032
3/1/2032	18.30	16.66	0%	18.30	0.913	3/1/2032	19.21	2032
4/1/2032	18.30	16.68	0%	18.30	0.913	4/1/2032	19.21	2032
5/1/2032	18.30	16.70	0%	18.30	0.913	5/1/2032	19.21	2032
6/1/2032	18.30	16.72	0%	18.30	0.913	6/1/2032	19.21	2032
7/1/2032	18.30	16.65	0%	18.30	0.913	7/1/2032	19.21	2032
8/1/2032	18.30	16.65	0%	18.30	0.913	8/1/2032	19.21	2032
9/1/2032	18.30	17.35	0%	18.30	0.913	9/1/2032	19.21	2032
10/1/2032	18.30	17.02	0%	18.30	0.913	10/1/2032	19.21	2032
11/1/2032	18.30	16.74	0%	18.30	0.913	11/1/2032	19.21	2032
12/1/2032	18.30	16.77	0%	18.30	0.913	12/1/2032	19.21	2032
1/1/2033	18.73	16.95	0%	18.73	0.926	1/1/2033	19.65	2033
2/1/2033	18.73	16.97	0%	18.73	0.926	2/1/2033	19.65	2033
3/1/2033	18.73	16.99	0%	18.73	0.926	3/1/2033	19.65	2033
4/1/2033	18.73	17.01	0%	18.73	0.926	4/1/2033	19.65	2033
5/1/2033	18.73	17.04	0%	18.73	0.926	5/1/2033	19.65	2033
6/1/2033	18.73	17.06	0%	18.73	0.926	6/1/2033	19.65	2033
7/1/2033	18.73	16.98	0%	18.73	0.926	7/1/2033	19.65	2033
8/1/2033	18.73	16.98	0%	18.73	0.926	8/1/2033	19.65	2033
9/1/2033	18.73	17.69	0%	18.73	0.926	9/1/2033	19.65	2033
10/1/2033	18.73	17.36	0%	18.73	0.926	10/1/2033	19.65	2033
11/1/2033	18.73	17.07	0%	18.73	0.926	11/1/2033	19.65	2033
12/1/2033	18.73	17.10	0%	18.73	0.926	12/1/2033	19.65	2033
1/1/2034	19.16	17.29	0%	19.16	0.940	1/1/2034	20.10	2034
2/1/2034	19.16	17.31	0%	19.16	0.940	2/1/2034	20.10	2034
3/1/2034	19.16	17.33	0%	19.16	0.940	3/1/2034	20.10	2034
4/1/2034	19.16	17.36	0%	19.16	0.940	4/1/2034	20.10	2034
5/1/2034	19.16	17.38	0%	19.16	0.940	5/1/2034	20.10	2034
6/1/2034	19.16	17.40	0%	19.16	0.940	6/1/2034	20.10	2034
7/1/2034	19.16	17.32	0%	19.16	0.940	7/1/2034	20.10	2034
8/1/2034	19.16	17.32	0%	19.16	0.940	8/1/2034	20.10	2034
9/1/2034	19.16	18.05	0%	19.16	0.940	9/1/2034	20.10	2034
10/1/2034	19.16	17.71	0%	19.16	0.940	10/1/2034	20.10	2034
11/1/2034	19.16	17.41	0%	19.16	0.940	11/1/2034	20.10	2034
12/1/2034	19.16	17.44	0%	19.16	0.940	12/1/2034	20.10	2034
1/1/2035	19.60	17.63	0%	19.60	0.954	1/1/2035	20.55	2035
2/1/2035	19.60	17.66	0%	19.60	0.954	2/1/2035	20.55	2035
3/1/2035	19.60	17.68	0%	19.60	0.954	3/1/2035	20.55	2035
4/1/2035	19.60	17.70	0%	19.60	0.954	4/1/2035	20.55	2035
5/1/2035	19.60	17.73	0%	19.60	0.954	5/1/2035	20.55	2035
6/1/2035	19.60	17.75	0%	19.60	0.954	6/1/2035	20.55	2035
7/1/2035	19.60	17.67	0%	19.60	0.954	7/1/2035	20.55	2035
8/1/2035	19.60	17.67	0%	19.60	0.954	8/1/2035	20.55	2035
9/1/2035	19.60	18.41	0%	19.60	0.954	9/1/2035	20.55	2035
10/1/2035	19.60	18.06	0%	19.60	0.954	10/1/2035	20.55	2035
11/1/2035	19.60	17.76	0%	19.60	0.954	11/1/2035	20.55	2035
12/1/2035	19.60	17.79	0%	19.60	0.954	12/1/2035	20.55	2035
1/1/2036	20.05	17.99	0%	20.05	0.954	1/1/2036	21.00	2036
2/1/2036	20.05	18.01	0%	20.05	0.954	2/1/2036	21.00	2036
3/1/2036	20.05	18.03	0%	20.05	0.968	3/1/2036	21.02	2036

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4/1/2036	20.05	18.06	0%	20.05	0.968	4/1/2036	21.02	2036
5/1/2036	20.05	18.08	0%	20.05	0.968	5/1/2036	21.02	2036
6/1/2036	20.05	18.10	0%	20.05	0.968	6/1/2036	21.02	2036
7/1/2036	20.05	18.02	0%	20.05	0.968	7/1/2036	21.02	2036
8/1/2036	20.05	18.02	0%	20.05	0.968	8/1/2036	21.02	2036
9/1/2036	20.05	18.78	0%	20.05	0.968	9/1/2036	21.02	2036
10/1/2036	20.05	18.42	0%	20.05	0.968	10/1/2036	21.02	2036
11/1/2036	20.05	18.12	0%	20.05	0.968	11/1/2036	21.02	2036
12/1/2036	20.05	18.15	0%	20.05	0.968	12/1/2036	21.02	2036
1/1/2037	20.52	18.35	0%	20.52	0.968	1/1/2037	21.49	2037
2/1/2037	20.52	18.37	0%	20.52	0.968	2/1/2037	21.49	2037
3/1/2037	20.52	18.39	0%	20.52	0.983	3/1/2037	21.50	2037
4/1/2037	20.52	18.42	0%	20.52	0.983	4/1/2037	21.50	2037
5/1/2037	20.52	18.44	0%	20.52	0.983	5/1/2037	21.50	2037
6/1/2037	20.52	18.47	0%	20.52	0.983	6/1/2037	21.50	2037
7/1/2037	20.52	18.38	0%	20.52	0.983	7/1/2037	21.50	2037
8/1/2037	20.52	18.38	0%	20.52	0.983	8/1/2037	21.50	2037
9/1/2037	20.52	19.15	0%	20.52	0.983	9/1/2037	21.50	2037
10/1/2037	20.52	18.79	0%	20.52	0.983	10/1/2037	21.50	2037
11/1/2037	20.52	18.48	0%	20.52	0.983	11/1/2037	21.50	2037
12/1/2037	20.52	18.51	0%	20.52	0.983	12/1/2037	21.50	2037
1/1/2038	20.91	18.71	0%	20.91	0.983	1/1/2038	21.89	2038
2/1/2038	20.91	18.74	0%	20.91	0.983	2/1/2038	21.89	2038
3/1/2038	20.91	18.76	0%	20.91	0.998	3/1/2038	21.91	2038
4/1/2038	20.91	18.79	0%	20.91	0.998	4/1/2038	21.91	2038
5/1/2038	20.91	18.81	0%	20.91	0.998	5/1/2038	21.91	2038
6/1/2038	20.91	18.83	0%	20.91	0.998	6/1/2038	21.91	2038
7/1/2038	20.91	18.75	0%	20.91	0.998	7/1/2038	21.91	2038
8/1/2038	20.91	18.75	0%	20.91	0.998	8/1/2038	21.91	2038
9/1/2038	20.91	19.53	0%	20.91	0.998	9/1/2038	21.91	2038
10/1/2038	20.91	19.17	0%	20.91	0.998	10/1/2038	21.91	2038
11/1/2038	20.91	18.85	0%	20.91	0.998	11/1/2038	21.91	2038
12/1/2038	20.91	18.88	0%	20.91	0.998	12/1/2038	21.91	2038
1/1/2039	21.29	19.09	0%	21.29	0.998	1/1/2039	22.28	2039
2/1/2039	21.29	19.11	0%	21.29	0.998	2/1/2039	22.28	2039
3/1/2039	21.29	19.14	0%	21.29	1.013	3/1/2039	22.30	2039
4/1/2039	21.29	19.16	0%	21.29	1.013	4/1/2039	22.30	2039
5/1/2039	21.29	19.19	0%	21.29	1.013	5/1/2039	22.30	2039
6/1/2039	21.29	19.21	0%	21.29	1.013	6/1/2039	22.30	2039
7/1/2039	21.29	19.13	0%	21.29	1.013	7/1/2039	22.30	2039
8/1/2039	21.29	19.13	0%	21.29	1.013	8/1/2039	22.30	2039
9/1/2039	21.29	19.93	0%	21.29	1.013	9/1/2039	22.30	2039
10/1/2039	21.29	19.55	0%	21.29	1.013	10/1/2039	22.30	2039
11/1/2039	21.29	19.22	0%	21.29	1.013	11/1/2039	22.30	2039
12/1/2039	21.29	19.26	0%	21.29	1.013	12/1/2039	22.30	2039
1/1/2040	21.42	19.47	0%	21.42	1.013	1/1/2040	22.43	2040
2/1/2040	21.42	19.49	0%	21.42	1.013	2/1/2040	22.43	2040
3/1/2040	21.42	19.52	0%	21.42	1.028	3/1/2040	22.45	2040
4/1/2040	21.42	19.54	0%	21.42	1.028	4/1/2040	22.45	2040
5/1/2040	21.42	19.57	0%	21.42	1.028	5/1/2040	22.45	2040
6/1/2040	21.42	19.60	0%	21.42	1.028	6/1/2040	22.45	2040
7/1/2040	21.42	19.51	0%	21.42	1.028	7/1/2040	22.45	2040
8/1/2040	21.42	19.51	0%	21.42	1.028	8/1/2040	22.45	2040
9/1/2040	21.42	20.32	0%	21.42	1.028	9/1/2040	22.45	2040
10/1/2040	21.42	19.94	0%	21.42	1.028	10/1/2040	22.45	2040
11/1/2040	21.42	19.61	0%	21.42	1.028	11/1/2040	22.45	2040
12/1/2040	21.42	19.64	0%	21.42	1.028	12/1/2040	22.45	2040
1/1/2041	21.98	19.86	0%	21.98	1.028	1/1/2041	23.00	2041
2/1/2041	21.98	19.88	0%	21.98	1.028	2/1/2041	23.00	2041
3/1/2041	21.98	19.91	0%	21.98	1.043	3/1/2041	23.02	2041
4/1/2041	21.98	19.94	0%	21.98	1.043	4/1/2041	23.02	2041
5/1/2041	21.98	19.96	0%	21.98	1.043	5/1/2041	23.02	2041
6/1/2041	21.98	19.99	0%	21.98	1.043	6/1/2041	23.02	2041
7/1/2041	21.98	19.90	0%	21.98	1.043	7/1/2041	23.02	2041
8/1/2041	21.98	19.90	0%	21.98	1.043	8/1/2041	23.02	2041
9/1/2041	21.98	20.73	0%	21.98	1.043	9/1/2041	23.02	2041
10/1/2041	21.98	20.34	0%	21.98	1.043	10/1/2041	23.02	2041
11/1/2041	21.98	20.00	0%	21.98	1.043	11/1/2041	23.02	2041
12/1/2041	21.98	20.04	0%	21.98	1.043	12/1/2041	23.02	2041
1/1/2042	22.55	20.25	0%	22.55	1.043	1/1/2042	23.59	2042
2/1/2042	22.55	20.28	0%	22.55	1.043	2/1/2042	23.59	2042

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3/1/2042	22.55	20.31	0%	22.55	1.059	3/1/2042	23.61	2042
4/1/2042	22.55	20.33	0%	22.55	1.059	4/1/2042	23.61	2042
5/1/2042	22.55	20.36	0%	22.55	1.059	5/1/2042	23.61	2042
6/1/2042	22.55	20.39	0%	22.55	1.059	6/1/2042	23.61	2042
7/1/2042	22.55	20.30	0%	22.55	1.059	7/1/2042	23.61	2042
8/1/2042	22.55	20.30	0%	22.55	1.059	8/1/2042	23.61	2042
9/1/2042	22.55	21.14	0%	22.55	1.059	9/1/2042	23.61	2042
10/1/2042	22.55	20.75	0%	22.55	1.059	10/1/2042	23.61	2042
11/1/2042	22.55	20.40	0%	22.55	1.059	11/1/2042	23.61	2042
12/1/2042	22.55	20.44	0%	22.55	1.059	12/1/2042	23.61	2042
1/1/2043	22.74	20.66	0%	22.74	1.059	1/1/2043	23.80	2043
2/1/2043	22.74	20.69	0%	22.74	1.059	2/1/2043	23.80	2043
3/1/2043	22.74	20.71	0%	22.74	1.075	3/1/2043	23.81	2043
4/1/2043	22.74	20.74	0%	22.74	1.075	4/1/2043	23.81	2043
5/1/2043	22.74	20.77	0%	22.74	1.075	5/1/2043	23.81	2043
6/1/2043	22.74	20.80	0%	22.74	1.075	6/1/2043	23.81	2043
7/1/2043	22.74	20.70	0%	22.74	1.075	7/1/2043	23.81	2043
8/1/2043	22.74	20.70	0%	22.74	1.075	8/1/2043	23.81	2043
9/1/2043	22.74	21.57	0%	22.74	1.075	9/1/2043	23.81	2043
10/1/2043	22.74	21.16	0%	22.74	1.075	10/1/2043	23.81	2043
11/1/2043	22.74	20.81	0%	22.74	1.075	11/1/2043	23.81	2043
12/1/2043	22.74	20.85	0%	22.74	1.075	12/1/2043	23.81	2043
1/1/2044	23.33	21.07	0%	23.33	1.075	1/1/2044	24.41	2044
2/1/2044	23.33	21.10	0%	23.33	1.075	2/1/2044	24.41	2044
3/1/2044	23.33	21.13	0%	23.33	1.091	3/1/2044	24.42	2044
4/1/2044	23.33	21.16	0%	23.33	1.091	4/1/2044	24.42	2044
5/1/2044	23.33	21.18	0%	23.33	1.091	5/1/2044	24.42	2044
6/1/2044	23.33	21.21	0%	23.33	1.091	6/1/2044	24.42	2044
7/1/2044	23.33	21.12	0%	23.33	1.091	7/1/2044	24.42	2044
8/1/2044	23.33	21.12	0%	23.33	1.091	8/1/2044	24.42	2044
9/1/2044	23.33	22.00	0%	23.33	1.091	9/1/2044	24.42	2044
10/1/2044	23.33	21.59	0%	23.33	1.091	10/1/2044	24.42	2044
11/1/2044	23.33	21.22	0%	23.33	1.091	11/1/2044	24.42	2044
12/1/2044	23.33	21.26	0%	23.33	1.091	12/1/2044	24.42	2044
1/1/2045	23.52	21.49	0%	23.52	1.091	1/1/2045	24.61	2045
2/1/2045	23.52	21.52	0%	23.52	1.091	2/1/2045	24.61	2045
3/1/2045	23.52	21.55	0%	23.52	1.107	3/1/2045	24.62	2045
4/1/2045	23.52	21.58	0%	23.52	1.107	4/1/2045	24.62	2045
5/1/2045	23.52	21.61	0%	23.52	1.107	5/1/2045	24.62	2045
6/1/2045	23.52	21.64	0%	23.52	1.107	6/1/2045	24.62	2045
7/1/2045	23.52	21.54	0%	23.52	1.107	7/1/2045	24.62	2045
8/1/2045	23.52	21.54	0%	23.52	1.107	8/1/2045	24.62	2045
9/1/2045	23.52	22.44	0%	23.52	1.107	9/1/2045	24.62	2045
10/1/2045	23.52	22.02	0%	23.52	1.107	10/1/2045	24.62	2045
11/1/2045	23.52	21.65	0%	23.52	1.107	11/1/2045	24.62	2045
12/1/2045	23.52	21.69	0%	23.52	1.107	12/1/2045	24.62	2045
1/1/2046	24.12	21.92	0%	24.12	1.107	1/1/2046	25.23	2046
2/1/2046	24.12	21.95	0%	24.12	1.107	2/1/2046	25.23	2046
3/1/2046	24.12	21.98	0%	24.12	1.124	3/1/2046	25.24	2046
4/1/2046	24.12	22.01	0%	24.12	1.124	4/1/2046	25.24	2046
5/1/2046	24.12	22.04	0%	24.12	1.124	5/1/2046	25.24	2046
6/1/2046	24.12	22.07	0%	24.12	1.124	6/1/2046	25.24	2046
7/1/2046	24.12	21.97	0%	24.12	1.124	7/1/2046	25.24	2046
8/1/2046	24.12	21.97	0%	24.12	1.124	8/1/2046	25.24	2046
9/1/2046	24.12	22.89	0%	24.12	1.124	9/1/2046	25.24	2046
10/1/2046	24.12	22.46	0%	24.12	1.124	10/1/2046	25.24	2046
11/1/2046	24.12	22.08	0%	24.12	1.124	11/1/2046	25.24	2046
12/1/2046	24.12	22.12	0%	24.12	1.124	12/1/2046	25.24	2046
1/1/2047	24.73	22.36	0%	24.73	1.124	1/1/2047	25.85	2047
2/1/2047	24.73	22.39	0%	24.73	1.124	2/1/2047	25.85	2047
3/1/2047	24.73	22.42	0%	24.73	1.141	3/1/2047	25.87	2047
4/1/2047	24.73	22.45	0%	24.73	1.141	4/1/2047	25.87	2047
5/1/2047	24.73	22.48	0%	24.73	1.141	5/1/2047	25.87	2047
6/1/2047	24.73	22.51	0%	24.73	1.141	6/1/2047	25.87	2047
7/1/2047	24.73	22.41	0%	24.73	1.141	7/1/2047	25.87	2047
8/1/2047	24.73	22.41	0%	24.73	1.141	8/1/2047	25.87	2047
9/1/2047	24.73	23.35	0%	24.73	1.141	9/1/2047	25.87	2047
10/1/2047	24.73	22.91	0%	24.73	1.141	10/1/2047	25.87	2047
11/1/2047	24.73	22.52	0%	24.73	1.141	11/1/2047	25.87	2047
12/1/2047	24.73	22.57	0%	24.73	1.141	12/1/2047	25.87	2047
1/1/2048	24.91	22.81	0%	24.91	1.141	1/1/2048	26.05	2048

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2/1/2048	24.91	22.84	0%	24.91	1.141	2/1/2048	26.05	2048
3/1/2048	24.91	22.87	0%	24.91	1.158	3/1/2048	26.06	2048
4/1/2048	24.91	22.90	0%	24.91	1.158	4/1/2048	26.06	2048
5/1/2048	24.91	22.93	0%	24.91	1.158	5/1/2048	26.06	2048
6/1/2048	24.91	22.96	0%	24.91	1.158	6/1/2048	26.06	2048
7/1/2048	24.91	22.86	0%	24.91	1.158	7/1/2048	26.06	2048
8/1/2048	24.91	22.86	0%	24.91	1.158	8/1/2048	26.06	2048
9/1/2048	24.91	23.81	0%	24.91	1.158	9/1/2048	26.06	2048
10/1/2048	24.91	23.37	0%	24.91	1.158	10/1/2048	26.06	2048
11/1/2048	24.91	22.97	0%	24.91	1.158	11/1/2048	26.06	2048
12/1/2048	24.91	23.02	0%	24.91	1.158	12/1/2048	26.06	2048
1/1/2049	25.53	23.27	0%	25.53	1.158	1/1/2049	26.69	2049
2/1/2049	25.53	23.30	0%	25.53	1.158	2/1/2049	26.69	2049
3/1/2049	25.53	23.33	0%	25.53	1.175	3/1/2049	26.71	2049
4/1/2049	25.53	23.36	0%	25.53	1.175	4/1/2049	26.71	2049
5/1/2049	25.53	23.39	0%	25.53	1.175	5/1/2049	26.71	2049
6/1/2049	25.53	23.42	0%	25.53	1.175	6/1/2049	26.71	2049
7/1/2049	25.53	23.32	0%	25.53	1.175	7/1/2049	26.71	2049
8/1/2049	25.53	23.32	0%	25.53	1.175	8/1/2049	26.71	2049
9/1/2049	25.53	24.29	0%	25.53	1.175	9/1/2049	26.71	2049
10/1/2049	25.53	23.83	0%	25.53	1.175	10/1/2049	26.71	2049
11/1/2049	25.53	23.43	0%	25.53	1.175	11/1/2049	26.71	2049
12/1/2049	25.53	23.48	0%	25.53	1.175	12/1/2049	26.71	2049
1/1/2050	25.53	23.73	0%	25.53	1.175	1/1/2050	26.71	2050
2/1/2050	25.53	23.76	0%	25.53	1.175	2/1/2050	26.71	2050
3/1/2050	25.53	23.79	0%	25.53	1.193	3/1/2050	26.73	2050
4/1/2050	25.53	23.83	0%	25.53	1.193	4/1/2050	26.73	2050
5/1/2050	25.53	23.86	0%	25.53	1.193	5/1/2050	26.73	2050
6/1/2050	25.53	23.89	0%	25.53	1.193	6/1/2050	26.73	2050
7/1/2050	25.53	23.78	0%	25.53	1.193	7/1/2050	26.73	2050
8/1/2050	25.53	23.78	0%	25.53	1.193	8/1/2050	26.73	2050
9/1/2050	25.53	24.77	0%	25.53	1.193	9/1/2050	26.73	2050
10/1/2050	25.53	24.31	0%	25.53	1.193	10/1/2050	26.73	2050
11/1/2050	25.53	23.90	0%	25.53	1.193	11/1/2050	26.73	2050
12/1/2050	25.53	23.95	0%	25.53	1.193	12/1/2050	26.73	2050

Bartow / Bayboro

PETROLEUM PRODUCT PRICE FORECAST DATA

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Date	Petroleum Product Price Forecast - Gulf Coast	TCM	Blend TCM/ Fundamental (%)	Blend TCM/ Fundamental ($)	Bartow / Bayboro Transport ($/MMBtu)
1/1/2019	14.62	12.93	100%	12.93	0.461
2/1/2019	14.62	13.87	100%	13.87	0.461
3/1/2019	14.62	13.78	100%	13.78	0.461
4/1/2019	14.62	14.33	100%	14.33	0.461
5/1/2019	14.62	14.29	100%	14.29	0.461
6/1/2019	14.62	13.17	100%	13.17	0.461
7/1/2019	14.62	13.86	100%	13.86	0.461
8/1/2019	14.62	13.04	100%	13.04	0.461
9/1/2019	14.62	13.58	100%	13.58	0.461
10/1/2019	14.62	13.31	100%	13.31	0.461
11/1/2019	14.62	13.08	100%	13.08	0.461
12/1/2019	14.62	13.09	100%	13.09	0.461
1/1/2020	13.66	13.80	100%	13.80	0.468
2/1/2020	13.66	14.09	100%	14.09	0.468
3/1/2020	13.66	14.60	100%	14.60	0.468
4/1/2020	13.66	14.42	100%	14.42	0.468
5/1/2020	13.66	13.11	100%	13.11	0.468
6/1/2020	13.66	13.60	100%	13.60	0.468
7/1/2020	13.66	12.98	100%	12.98	0.468
8/1/2020	13.66	13.82	100%	13.82	0.468
9/1/2020	13.66	13.64	100%	13.64	0.468
10/1/2020	13.66	13.38	100%	13.38	0.468
11/1/2020	13.66	13.16	100%	13.16	0.468
12/1/2020	13.66	13.18	100%	13.18	0.468
1/1/2021	13.38	13.24	100%	13.24	0.475
2/1/2021	13.38	13.26	100%	13.26	0.475
3/1/2021	13.38	13.28	100%	13.28	0.475
4/1/2021	13.38	13.30	100%	13.30	0.475
5/1/2021	13.38	13.31	100%	13.31	0.475
6/1/2021	13.38	13.33	100%	13.33	0.475
7/1/2021	13.38	13.33	100%	13.33	0.475
8/1/2021	13.38	13.33	100%	13.33	0.475
9/1/2021	13.38	13.89	100%	13.89	0.475
10/1/2021	13.38	13.63	100%	13.63	0.475
11/1/2021	13.38	13.40	100%	13.40	0.475
12/1/2021	13.38	13.42	100%	13.42	0.475
1/1/2022	13.44	13.57	96%	13.57	0.482
2/1/2022	13.44	13.59	92%	13.58	0.482
3/1/2022	13.44	13.61	88%	13.59	0.482
4/1/2022	13.44	13.62	84%	13.60	0.482
5/1/2022	13.44	13.64	80%	13.60	0.482
6/1/2022	13.44	13.66	76%	13.61	0.482
7/1/2022	13.44	13.66	72%	13.60	0.482
8/1/2022	13.44	13.66	68%	13.59	0.482
9/1/2022	13.44	14.23	64%	13.95	0.482
10/1/2022	13.44	13.96	60%	13.76	0.482
11/1/2022	13.44	13.73	56%	13.60	0.482
12/1/2022	13.44	13.75	52%	13.60	0.482
1/1/2023	13.75	13.90	48%	13.82	0.489
2/1/2023	13.75	13.92	44%	13.83	0.489
3/1/2023	13.75	13.94	40%	13.83	0.489
4/1/2023	13.75	13.96	36%	13.82	0.489
5/1/2023	13.75	13.98	32%	13.82	0.489
6/1/2023	13.75	13.99	28%	13.82	0.489
7/1/2023	13.75	13.93	24%	13.79	0.489
8/1/2023	13.75	13.93	20%	13.79	0.489
9/1/2023	13.75	14.51	16%	13.87	0.489
10/1/2023	13.75	14.24	12%	13.81	0.489
11/1/2023	13.75	14.00	8%	13.77	0.489
12/1/2023	13.75	14.03	4%	13.76	0.489
1/1/2024	14.08	14.18	0%	14.08	0.496
2/1/2024	14.08	14.20	0%	14.08	0.496
3/1/2024	14.08	14.22	0%	14.08	0.496
4/1/2024	14.08	14.24	0%	14.08	0.496

PROSYM INPUT

Date	nomianl$/MMBtu
1/1/2019	13.39
2/1/2019	14.33
3/1/2019	14.24
4/1/2019	14.79
5/1/2019	14.75
6/1/2019	13.63
7/1/2019	14.32
8/1/2019	13.50
9/1/2019	14.04
10/1/2019	13.77
11/1/2019	13.54
12/1/2019	13.55
1/1/2020	14.27
2/1/2020	14.56
3/1/2020	15.06
4/1/2020	14.89
5/1/2020	13.57
6/1/2020	14.07
7/1/2020	13.45
8/1/2020	14.29
9/1/2020	14.10
10/1/2020	13.85
11/1/2020	13.62
12/1/2020	13.65
1/1/2021	13.72
2/1/2021	13.74
3/1/2021	13.75
4/1/2021	13.77
5/1/2021	13.79
6/1/2021	13.81
7/1/2021	13.81
8/1/2021	13.81
9/1/2021	14.36
10/1/2021	14.10
11/1/2021	13.87
12/1/2021	13.90
1/1/2022	14.05
2/1/2022	14.06
3/1/2022	14.07
4/1/2022	14.08
5/1/2022	14.08
6/1/2022	14.09
7/1/2022	14.08
8/1/2022	14.07
9/1/2022	14.43
10/1/2022	14.24
11/1/2022	14.09
12/1/2022	14.09
1/1/2023	14.31
2/1/2023	14.31
3/1/2023	14.31
4/1/2023	14.31
5/1/2023	14.31
6/1/2023	14.31
7/1/2023	14.28
8/1/2023	14.28
9/1/2023	14.36
10/1/2023	14.30
11/1/2023	14.26
12/1/2023	14.25
1/1/2024	14.58
2/1/2024	14.58
3/1/2024	14.58
4/1/2024	14.58

ANNUAL AVERAGE

	Bartow / Bayboro
2019	13.99
2020	14.12
2021	13.87
2022	14.12
2023	14.30
2024	14.58
2025	14.94
2026	15.51
2027	16.16
2028	16.92
2029	17.61
2030	18.04
2031	18.44
2032	18.86
2033	19.29
2034	19.73
2035	20.18
2036	20.64
2037	21.12
2038	21.52
2039	21.91
2040	22.05
2041	22.62
2042	23.20
2043	23.40
2044	24.00
2045	24.19
2046	24.81
2047	25.43
2048	25.61
2049	26.25
2050	26.26

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5/1/2024	14.08	14.26	0%	14.08	0.496	5/1/2024	14.58	2024
6/1/2024	14.08	14.27	0%	14.08	0.496	6/1/2024	14.58	2024
7/1/2024	14.08	14.21	0%	14.08	0.496	7/1/2024	14.58	2024
8/1/2024	14.08	14.21	0%	14.08	0.496	8/1/2024	14.58	2024
9/1/2024	14.08	14.80	0%	14.08	0.496	9/1/2024	14.58	2024
10/1/2024	14.08	14.53	0%	14.08	0.496	10/1/2024	14.58	2024
11/1/2024	14.08	14.28	0%	14.08	0.496	11/1/2024	14.58	2024
12/1/2024	14.08	14.31	0%	14.08	0.496	12/1/2024	14.58	2024
1/1/2025	14.43	14.47	0%	14.43	0.504	1/1/2025	14.94	2025
2/1/2025	14.43	14.48	0%	14.43	0.504	2/1/2025	14.94	2025
3/1/2025	14.43	14.50	0%	14.43	0.504	3/1/2025	14.94	2025
4/1/2025	14.43	14.52	0%	14.43	0.504	4/1/2025	14.94	2025
5/1/2025	14.43	14.54	0%	14.43	0.504	5/1/2025	14.94	2025
6/1/2025	14.43	14.56	0%	14.43	0.504	6/1/2025	14.94	2025
7/1/2025	14.43	14.50	0%	14.43	0.504	7/1/2025	14.94	2025
8/1/2025	14.43	14.50	0%	14.43	0.504	8/1/2025	14.94	2025
9/1/2025	14.43	15.10	0%	14.43	0.504	9/1/2025	14.94	2025
10/1/2025	14.43	14.82	0%	14.43	0.504	10/1/2025	14.94	2025
11/1/2025	14.43	14.57	0%	14.43	0.504	11/1/2025	14.94	2025
12/1/2025	14.43	14.60	0%	14.43	0.504	12/1/2025	14.94	2025
1/1/2026	15.00	14.75	0%	15.00	0.511	1/1/2026	15.51	2026
2/1/2026	15.00	14.77	0%	15.00	0.511	2/1/2026	15.51	2026
3/1/2026	15.00	14.79	0%	15.00	0.511	3/1/2026	15.51	2026
4/1/2026	15.00	14.81	0%	15.00	0.511	4/1/2026	15.51	2026
5/1/2026	15.00	14.83	0%	15.00	0.511	5/1/2026	15.51	2026
6/1/2026	15.00	14.85	0%	15.00	0.511	6/1/2026	15.51	2026
7/1/2026	15.00	14.79	0%	15.00	0.511	7/1/2026	15.51	2026
8/1/2026	15.00	14.79	0%	15.00	0.511	8/1/2026	15.51	2026
9/1/2026	15.00	15.40	0%	15.00	0.511	9/1/2026	15.51	2026
10/1/2026	15.00	15.11	0%	15.00	0.511	10/1/2026	15.51	2026
11/1/2026	15.00	14.86	0%	15.00	0.511	11/1/2026	15.51	2026
12/1/2026	15.00	14.89	0%	15.00	0.511	12/1/2026	15.51	2026
1/1/2027	15.64	15.05	0%	15.64	0.519	1/1/2027	16.16	2027
2/1/2027	15.64	15.07	0%	15.64	0.519	2/1/2027	16.16	2027
3/1/2027	15.64	15.09	0%	15.64	0.519	3/1/2027	16.16	2027
4/1/2027	15.64	15.11	0%	15.64	0.519	4/1/2027	16.16	2027
5/1/2027	15.64	15.13	0%	15.64	0.519	5/1/2027	16.16	2027
6/1/2027	15.64	15.15	0%	15.64	0.519	6/1/2027	16.16	2027
7/1/2027	15.64	15.08	0%	15.64	0.519	7/1/2027	16.16	2027
8/1/2027	15.64	15.08	0%	15.64	0.519	8/1/2027	16.16	2027
9/1/2027	15.64	15.71	0%	15.64	0.519	9/1/2027	16.16	2027
10/1/2027	15.64	15.42	0%	15.64	0.519	10/1/2027	16.16	2027
11/1/2027	15.64	15.16	0%	15.64	0.519	11/1/2027	16.16	2027
12/1/2027	15.64	15.19	0%	15.64	0.519	12/1/2027	16.16	2027
1/1/2028	16.39	15.35	0%	16.39	0.527	1/1/2028	16.92	2028
2/1/2028	16.39	15.37	0%	16.39	0.527	2/1/2028	16.92	2028
3/1/2028	16.39	15.39	0%	16.39	0.527	3/1/2028	16.92	2028
4/1/2028	16.39	15.41	0%	16.39	0.527	4/1/2028	16.92	2028
5/1/2028	16.39	15.43	0%	16.39	0.527	5/1/2028	16.92	2028
6/1/2028	16.39	15.45	0%	16.39	0.527	6/1/2028	16.92	2028
7/1/2028	16.39	15.38	0%	16.39	0.527	7/1/2028	16.92	2028
8/1/2028	16.39	15.38	0%	16.39	0.527	8/1/2028	16.92	2028
9/1/2028	16.39	16.03	0%	16.39	0.527	9/1/2028	16.92	2028
10/1/2028	16.39	15.73	0%	16.39	0.527	10/1/2028	16.92	2028
11/1/2028	16.39	15.46	0%	16.39	0.527	11/1/2028	16.92	2028
12/1/2028	16.39	15.49	0%	16.39	0.527	12/1/2028	16.92	2028
1/1/2029	17.07	15.66	0%	17.07	0.535	1/1/2029	17.61	2029
2/1/2029	17.07	15.68	0%	17.07	0.535	2/1/2029	17.61	2029
3/1/2029	17.07	15.70	0%	17.07	0.535	3/1/2029	17.61	2029
4/1/2029	17.07	15.72	0%	17.07	0.535	4/1/2029	17.61	2029
5/1/2029	17.07	15.74	0%	17.07	0.535	5/1/2029	17.61	2029
6/1/2029	17.07	15.76	0%	17.07	0.535	6/1/2029	17.61	2029
7/1/2029	17.07	15.69	0%	17.07	0.535	7/1/2029	17.61	2029
8/1/2029	17.07	15.69	0%	17.07	0.535	8/1/2029	17.61	2029
9/1/2029	17.07	16.35	0%	17.07	0.535	9/1/2029	17.61	2029
10/1/2029	17.07	16.04	0%	17.07	0.535	10/1/2029	17.61	2029
11/1/2029	17.07	15.77	0%	17.07	0.535	11/1/2029	17.61	2029
12/1/2029	17.07	15.80	0%	17.07	0.535	12/1/2029	17.61	2029
1/1/2030	17.50	15.97	0%	17.50	0.543	1/1/2030	18.04	2030
2/1/2030	17.50	15.99	0%	17.50	0.543	2/1/2030	18.04	2030
3/1/2030	17.50	16.01	0%	17.50	0.543	3/1/2030	18.04	2030

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4/1/2030	17.50	16.03	0%	17.50	0.543	4/1/2030	18.04	2030
5/1/2030	17.50	16.05	0%	17.50	0.543	5/1/2030	18.04	2030
6/1/2030	17.50	16.08	0%	17.50	0.543	6/1/2030	18.04	2030
7/1/2030	17.50	16.00	0%	17.50	0.543	7/1/2030	18.04	2030
8/1/2030	17.50	16.00	0%	17.50	0.543	8/1/2030	18.04	2030
9/1/2030	17.50	16.67	0%	17.50	0.543	9/1/2030	18.04	2030
10/1/2030	17.50	16.36	0%	17.50	0.543	10/1/2030	18.04	2030
11/1/2030	17.50	16.09	0%	17.50	0.543	11/1/2030	18.04	2030
12/1/2030	17.50	16.12	0%	17.50	0.543	12/1/2030	18.04	2030
1/1/2031	17.89	16.29	0%	17.89	0.551	1/1/2031	18.44	2031
2/1/2031	17.89	16.31	0%	17.89	0.551	2/1/2031	18.44	2031
3/1/2031	17.89	16.33	0%	17.89	0.551	3/1/2031	18.44	2031
4/1/2031	17.89	16.35	0%	17.89	0.551	4/1/2031	18.44	2031
5/1/2031	17.89	16.38	0%	17.89	0.551	5/1/2031	18.44	2031
6/1/2031	17.89	16.40	0%	17.89	0.551	6/1/2031	18.44	2031
7/1/2031	17.89	16.32	0%	17.89	0.551	7/1/2031	18.44	2031
8/1/2031	17.89	16.32	0%	17.89	0.551	8/1/2031	18.44	2031
9/1/2031	17.89	17.01	0%	17.89	0.551	9/1/2031	18.44	2031
10/1/2031	17.89	16.69	0%	17.89	0.551	10/1/2031	18.44	2031
11/1/2031	17.89	16.41	0%	17.89	0.551	11/1/2031	18.44	2031
12/1/2031	17.89	16.44	0%	17.89	0.551	12/1/2031	18.44	2031
1/1/2032	18.30	16.62	0%	18.30	0.559	1/1/2032	18.86	2032
2/1/2032	18.30	16.64	0%	18.30	0.559	2/1/2032	18.86	2032
3/1/2032	18.30	16.66	0%	18.30	0.559	3/1/2032	18.86	2032
4/1/2032	18.30	16.68	0%	18.30	0.559	4/1/2032	18.86	2032
5/1/2032	18.30	16.70	0%	18.30	0.559	5/1/2032	18.86	2032
6/1/2032	18.30	16.72	0%	18.30	0.559	6/1/2032	18.86	2032
7/1/2032	18.30	16.65	0%	18.30	0.559	7/1/2032	18.86	2032
8/1/2032	18.30	16.65	0%	18.30	0.559	8/1/2032	18.86	2032
9/1/2032	18.30	17.35	0%	18.30	0.559	9/1/2032	18.86	2032
10/1/2032	18.30	17.02	0%	18.30	0.559	10/1/2032	18.86	2032
11/1/2032	18.30	16.74	0%	18.30	0.559	11/1/2032	18.86	2032
12/1/2032	18.30	16.77	0%	18.30	0.559	12/1/2032	18.86	2032
1/1/2033	18.73	16.95	0%	18.73	0.568	1/1/2033	19.29	2033
2/1/2033	18.73	16.97	0%	18.73	0.568	2/1/2033	19.29	2033
3/1/2033	18.73	16.99	0%	18.73	0.568	3/1/2033	19.29	2033
4/1/2033	18.73	17.01	0%	18.73	0.568	4/1/2033	19.29	2033
5/1/2033	18.73	17.04	0%	18.73	0.568	5/1/2033	19.29	2033
6/1/2033	18.73	17.06	0%	18.73	0.568	6/1/2033	19.29	2033
7/1/2033	18.73	16.98	0%	18.73	0.568	7/1/2033	19.29	2033
8/1/2033	18.73	16.98	0%	18.73	0.568	8/1/2033	19.29	2033
9/1/2033	18.73	17.69	0%	18.73	0.568	9/1/2033	19.29	2033
10/1/2033	18.73	17.36	0%	18.73	0.568	10/1/2033	19.29	2033
11/1/2033	18.73	17.07	0%	18.73	0.568	11/1/2033	19.29	2033
12/1/2033	18.73	17.10	0%	18.73	0.568	12/1/2033	19.29	2033
1/1/2034	19.16	17.29	0%	19.16	0.576	1/1/2034	19.73	2034
2/1/2034	19.16	17.31	0%	19.16	0.576	2/1/2034	19.73	2034
3/1/2034	19.16	17.33	0%	19.16	0.576	3/1/2034	19.73	2034
4/1/2034	19.16	17.36	0%	19.16	0.576	4/1/2034	19.73	2034
5/1/2034	19.16	17.38	0%	19.16	0.576	5/1/2034	19.73	2034
6/1/2034	19.16	17.40	0%	19.16	0.576	6/1/2034	19.73	2034
7/1/2034	19.16	17.32	0%	19.16	0.576	7/1/2034	19.73	2034
8/1/2034	19.16	17.32	0%	19.16	0.576	8/1/2034	19.73	2034
9/1/2034	19.16	18.05	0%	19.16	0.576	9/1/2034	19.73	2034
10/1/2034	19.16	17.71	0%	19.16	0.576	10/1/2034	19.73	2034
11/1/2034	19.16	17.41	0%	19.16	0.576	11/1/2034	19.73	2034
12/1/2034	19.16	17.44	0%	19.16	0.576	12/1/2034	19.73	2034
1/1/2035	19.60	17.63	0%	19.60	0.585	1/1/2035	20.18	2035
2/1/2035	19.60	17.66	0%	19.60	0.585	2/1/2035	20.18	2035
3/1/2035	19.60	17.68	0%	19.60	0.585	3/1/2035	20.18	2035
4/1/2035	19.60	17.70	0%	19.60	0.585	4/1/2035	20.18	2035
5/1/2035	19.60	17.73	0%	19.60	0.585	5/1/2035	20.18	2035
6/1/2035	19.60	17.75	0%	19.60	0.585	6/1/2035	20.18	2035
7/1/2035	19.60	17.67	0%	19.60	0.585	7/1/2035	20.18	2035
8/1/2035	19.60	17.67	0%	19.60	0.585	8/1/2035	20.18	2035
9/1/2035	19.60	18.41	0%	19.60	0.585	9/1/2035	20.18	2035
10/1/2035	19.60	18.06	0%	19.60	0.585	10/1/2035	20.18	2035
11/1/2035	19.60	17.76	0%	19.60	0.585	11/1/2035	20.18	2035
12/1/2035	19.60	17.79	0%	19.60	0.585	12/1/2035	20.18	2035
1/1/2036	20.05	17.99	0%	20.05	0.585	1/1/2036	20.64	2036
2/1/2036	20.05	18.01	0%	20.05	0.585	2/1/2036	20.64	2036

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3/1/2036	20.05	18.03	0%	20.05	0.594	3/1/2036	20.64	2036
4/1/2036	20.05	18.06	0%	20.05	0.594	4/1/2036	20.64	2036
5/1/2036	20.05	18.08	0%	20.05	0.594	5/1/2036	20.64	2036
6/1/2036	20.05	18.10	0%	20.05	0.594	6/1/2036	20.64	2036
7/1/2036	20.05	18.02	0%	20.05	0.594	7/1/2036	20.64	2036
8/1/2036	20.05	18.02	0%	20.05	0.594	8/1/2036	20.64	2036
9/1/2036	20.05	18.78	0%	20.05	0.594	9/1/2036	20.64	2036
10/1/2036	20.05	18.42	0%	20.05	0.594	10/1/2036	20.64	2036
11/1/2036	20.05	18.12	0%	20.05	0.594	11/1/2036	20.64	2036
12/1/2036	20.05	18.15	0%	20.05	0.594	12/1/2036	20.64	2036
1/1/2037	20.52	18.35	0%	20.52	0.594	1/1/2037	21.11	2037
2/1/2037	20.52	18.37	0%	20.52	0.594	2/1/2037	21.11	2037
3/1/2037	20.52	18.39	0%	20.52	0.603	3/1/2037	21.12	2037
4/1/2037	20.52	18.42	0%	20.52	0.603	4/1/2037	21.12	2037
5/1/2037	20.52	18.44	0%	20.52	0.603	5/1/2037	21.12	2037
6/1/2037	20.52	18.47	0%	20.52	0.603	6/1/2037	21.12	2037
7/1/2037	20.52	18.38	0%	20.52	0.603	7/1/2037	21.12	2037
8/1/2037	20.52	18.38	0%	20.52	0.603	8/1/2037	21.12	2037
9/1/2037	20.52	19.15	0%	20.52	0.603	9/1/2037	21.12	2037
10/1/2037	20.52	18.79	0%	20.52	0.603	10/1/2037	21.12	2037
11/1/2037	20.52	18.48	0%	20.52	0.603	11/1/2037	21.12	2037
12/1/2037	20.52	18.51	0%	20.52	0.603	12/1/2037	21.12	2037
1/1/2038	20.91	18.71	0%	20.91	0.603	1/1/2038	21.51	2038
2/1/2038	20.91	18.74	0%	20.91	0.603	2/1/2038	21.51	2038
3/1/2038	20.91	18.76	0%	20.91	0.612	3/1/2038	21.52	2038
4/1/2038	20.91	18.79	0%	20.91	0.612	4/1/2038	21.52	2038
5/1/2038	20.91	18.81	0%	20.91	0.612	5/1/2038	21.52	2038
6/1/2038	20.91	18.83	0%	20.91	0.612	6/1/2038	21.52	2038
7/1/2038	20.91	18.75	0%	20.91	0.612	7/1/2038	21.52	2038
8/1/2038	20.91	18.75	0%	20.91	0.612	8/1/2038	21.52	2038
9/1/2038	20.91	19.53	0%	20.91	0.612	9/1/2038	21.52	2038
10/1/2038	20.91	19.17	0%	20.91	0.612	10/1/2038	21.52	2038
11/1/2038	20.91	18.85	0%	20.91	0.612	11/1/2038	21.52	2038
12/1/2038	20.91	18.88	0%	20.91	0.612	12/1/2038	21.52	2038
1/1/2039	21.29	19.09	0%	21.29	0.612	1/1/2039	21.90	2039
2/1/2039	21.29	19.11	0%	21.29	0.612	2/1/2039	21.90	2039
3/1/2039	21.29	19.14	0%	21.29	0.621	3/1/2039	21.91	2039
4/1/2039	21.29	19.16	0%	21.29	0.621	4/1/2039	21.91	2039
5/1/2039	21.29	19.19	0%	21.29	0.621	5/1/2039	21.91	2039
6/1/2039	21.29	19.21	0%	21.29	0.621	6/1/2039	21.91	2039
7/1/2039	21.29	19.13	0%	21.29	0.621	7/1/2039	21.91	2039
8/1/2039	21.29	19.13	0%	21.29	0.621	8/1/2039	21.91	2039
9/1/2039	21.29	19.93	0%	21.29	0.621	9/1/2039	21.91	2039
10/1/2039	21.29	19.55	0%	21.29	0.621	10/1/2039	21.91	2039
11/1/2039	21.29	19.22	0%	21.29	0.621	11/1/2039	21.91	2039
12/1/2039	21.29	19.26	0%	21.29	0.621	12/1/2039	21.91	2039
1/1/2040	21.42	19.47	0%	21.42	0.621	1/1/2040	22.04	2040
2/1/2040	21.42	19.49	0%	21.42	0.621	2/1/2040	22.04	2040
3/1/2040	21.42	19.52	0%	21.42	0.630	3/1/2040	22.05	2040
4/1/2040	21.42	19.54	0%	21.42	0.630	4/1/2040	22.05	2040
5/1/2040	21.42	19.57	0%	21.42	0.630	5/1/2040	22.05	2040
6/1/2040	21.42	19.60	0%	21.42	0.630	6/1/2040	22.05	2040
7/1/2040	21.42	19.51	0%	21.42	0.630	7/1/2040	22.05	2040
8/1/2040	21.42	19.51	0%	21.42	0.630	8/1/2040	22.05	2040
9/1/2040	21.42	20.32	0%	21.42	0.630	9/1/2040	22.05	2040
10/1/2040	21.42	19.94	0%	21.42	0.630	10/1/2040	22.05	2040
11/1/2040	21.42	19.61	0%	21.42	0.630	11/1/2040	22.05	2040
12/1/2040	21.42	19.64	0%	21.42	0.630	12/1/2040	22.05	2040
1/1/2041	21.98	19.86	0%	21.98	0.630	1/1/2041	22.61	2041
2/1/2041	21.98	19.88	0%	21.98	0.630	2/1/2041	22.61	2041
3/1/2041	21.98	19.91	0%	21.98	0.640	3/1/2041	22.62	2041
4/1/2041	21.98	19.94	0%	21.98	0.640	4/1/2041	22.62	2041
5/1/2041	21.98	19.96	0%	21.98	0.640	5/1/2041	22.62	2041
6/1/2041	21.98	19.99	0%	21.98	0.640	6/1/2041	22.62	2041
7/1/2041	21.98	19.90	0%	21.98	0.640	7/1/2041	22.62	2041
8/1/2041	21.98	19.90	0%	21.98	0.640	8/1/2041	22.62	2041
9/1/2041	21.98	20.73	0%	21.98	0.640	9/1/2041	22.62	2041
10/1/2041	21.98	20.34	0%	21.98	0.640	10/1/2041	22.62	2041
11/1/2041	21.98	20.00	0%	21.98	0.640	11/1/2041	22.62	2041
12/1/2041	21.98	20.04	0%	21.98	0.640	12/1/2041	22.62	2041
1/1/2042	22.55	20.25	0%	22.55	0.640	1/1/2042	23.19	2042

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2/1/2042	22.55	20.28	0%	22.55	0.640	2/1/2042	23.19	2042
3/1/2042	22.55	20.31	0%	22.55	0.649	3/1/2042	23.20	2042
4/1/2042	22.55	20.33	0%	22.55	0.649	4/1/2042	23.20	2042
5/1/2042	22.55	20.36	0%	22.55	0.649	5/1/2042	23.20	2042
6/1/2042	22.55	20.39	0%	22.55	0.649	6/1/2042	23.20	2042
7/1/2042	22.55	20.30	0%	22.55	0.649	7/1/2042	23.20	2042
8/1/2042	22.55	20.30	0%	22.55	0.649	8/1/2042	23.20	2042
9/1/2042	22.55	21.14	0%	22.55	0.649	9/1/2042	23.20	2042
10/1/2042	22.55	20.75	0%	22.55	0.649	10/1/2042	23.20	2042
11/1/2042	22.55	20.40	0%	22.55	0.649	11/1/2042	23.20	2042
12/1/2042	22.55	20.44	0%	22.55	0.649	12/1/2042	23.20	2042
1/1/2043	22.74	20.66	0%	22.74	0.649	1/1/2043	23.39	2043
2/1/2043	22.74	20.69	0%	22.74	0.649	2/1/2043	23.39	2043
3/1/2043	22.74	20.71	0%	22.74	0.659	3/1/2043	23.40	2043
4/1/2043	22.74	20.74	0%	22.74	0.659	4/1/2043	23.40	2043
5/1/2043	22.74	20.77	0%	22.74	0.659	5/1/2043	23.40	2043
6/1/2043	22.74	20.80	0%	22.74	0.659	6/1/2043	23.40	2043
7/1/2043	22.74	20.70	0%	22.74	0.659	7/1/2043	23.40	2043
8/1/2043	22.74	20.70	0%	22.74	0.659	8/1/2043	23.40	2043
9/1/2043	22.74	21.57	0%	22.74	0.659	9/1/2043	23.40	2043
10/1/2043	22.74	21.16	0%	22.74	0.659	10/1/2043	23.40	2043
11/1/2043	22.74	20.81	0%	22.74	0.659	11/1/2043	23.40	2043
12/1/2043	22.74	20.85	0%	22.74	0.659	12/1/2043	23.40	2043
1/1/2044	23.33	21.07	0%	23.33	0.659	1/1/2044	23.99	2044
2/1/2044	23.33	21.10	0%	23.33	0.659	2/1/2044	23.99	2044
3/1/2044	23.33	21.13	0%	23.33	0.669	3/1/2044	24.00	2044
4/1/2044	23.33	21.16	0%	23.33	0.669	4/1/2044	24.00	2044
5/1/2044	23.33	21.18	0%	23.33	0.669	5/1/2044	24.00	2044
6/1/2044	23.33	21.21	0%	23.33	0.669	6/1/2044	24.00	2044
7/1/2044	23.33	21.12	0%	23.33	0.669	7/1/2044	24.00	2044
8/1/2044	23.33	21.12	0%	23.33	0.669	8/1/2044	24.00	2044
9/1/2044	23.33	22.00	0%	23.33	0.669	9/1/2044	24.00	2044
10/1/2044	23.33	21.59	0%	23.33	0.669	10/1/2044	24.00	2044
11/1/2044	23.33	21.22	0%	23.33	0.669	11/1/2044	24.00	2044
12/1/2044	23.33	21.26	0%	23.33	0.669	12/1/2044	24.00	2044
1/1/2045	23.52	21.49	0%	23.52	0.669	1/1/2045	24.19	2045
2/1/2045	23.52	21.52	0%	23.52	0.669	2/1/2045	24.19	2045
3/1/2045	23.52	21.55	0%	23.52	0.679	3/1/2045	24.20	2045
4/1/2045	23.52	21.58	0%	23.52	0.679	4/1/2045	24.20	2045
5/1/2045	23.52	21.61	0%	23.52	0.679	5/1/2045	24.20	2045
6/1/2045	23.52	21.64	0%	23.52	0.679	6/1/2045	24.20	2045
7/1/2045	23.52	21.54	0%	23.52	0.679	7/1/2045	24.20	2045
8/1/2045	23.52	21.54	0%	23.52	0.679	8/1/2045	24.20	2045
9/1/2045	23.52	22.44	0%	23.52	0.679	9/1/2045	24.20	2045
10/1/2045	23.52	22.02	0%	23.52	0.679	10/1/2045	24.20	2045
11/1/2045	23.52	21.65	0%	23.52	0.679	11/1/2045	24.20	2045
12/1/2045	23.52	21.69	0%	23.52	0.679	12/1/2045	24.20	2045
1/1/2046	24.12	21.92	0%	24.12	0.679	1/1/2046	24.80	2046
2/1/2046	24.12	21.95	0%	24.12	0.679	2/1/2046	24.80	2046
3/1/2046	24.12	21.98	0%	24.12	0.689	3/1/2046	24.81	2046
4/1/2046	24.12	22.01	0%	24.12	0.689	4/1/2046	24.81	2046
5/1/2046	24.12	22.04	0%	24.12	0.689	5/1/2046	24.81	2046
6/1/2046	24.12	22.07	0%	24.12	0.689	6/1/2046	24.81	2046
7/1/2046	24.12	21.97	0%	24.12	0.689	7/1/2046	24.81	2046
8/1/2046	24.12	21.97	0%	24.12	0.689	8/1/2046	24.81	2046
9/1/2046	24.12	22.89	0%	24.12	0.689	9/1/2046	24.81	2046
10/1/2046	24.12	22.46	0%	24.12	0.689	10/1/2046	24.81	2046
11/1/2046	24.12	22.08	0%	24.12	0.689	11/1/2046	24.81	2046
12/1/2046	24.12	22.12	0%	24.12	0.689	12/1/2046	24.81	2046
1/1/2047	24.73	22.36	0%	24.73	0.689	1/1/2047	25.42	2047
2/1/2047	24.73	22.39	0%	24.73	0.689	2/1/2047	25.42	2047
3/1/2047	24.73	22.42	0%	24.73	0.699	3/1/2047	25.43	2047
4/1/2047	24.73	22.45	0%	24.73	0.699	4/1/2047	25.43	2047
5/1/2047	24.73	22.48	0%	24.73	0.699	5/1/2047	25.43	2047
6/1/2047	24.73	22.51	0%	24.73	0.699	6/1/2047	25.43	2047
7/1/2047	24.73	22.41	0%	24.73	0.699	7/1/2047	25.43	2047
8/1/2047	24.73	22.41	0%	24.73	0.699	8/1/2047	25.43	2047
9/1/2047	24.73	23.35	0%	24.73	0.699	9/1/2047	25.43	2047
10/1/2047	24.73	22.91	0%	24.73	0.699	10/1/2047	25.43	2047
11/1/2047	24.73	22.52	0%	24.73	0.699	11/1/2047	25.43	2047
12/1/2047	24.73	22.57	0%	24.73	0.699	12/1/2047	25.43	2047

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1/1/2048	24.91	22.81	0%	24.91	0.699	1/1/2048	25.61	2048
2/1/2048	24.91	22.84	0%	24.91	0.699	2/1/2048	25.61	2048
3/1/2048	24.91	22.87	0%	24.91	0.710	3/1/2048	25.62	2048
4/1/2048	24.91	22.90	0%	24.91	0.710	4/1/2048	25.62	2048
5/1/2048	24.91	22.93	0%	24.91	0.710	5/1/2048	25.62	2048
6/1/2048	24.91	22.96	0%	24.91	0.710	6/1/2048	25.62	2048
7/1/2048	24.91	22.86	0%	24.91	0.710	7/1/2048	25.62	2048
8/1/2048	24.91	22.86	0%	24.91	0.710	8/1/2048	25.62	2048
9/1/2048	24.91	23.81	0%	24.91	0.710	9/1/2048	25.62	2048
10/1/2048	24.91	23.37	0%	24.91	0.710	10/1/2048	25.62	2048
11/1/2048	24.91	22.97	0%	24.91	0.710	11/1/2048	25.62	2048
12/1/2048	24.91	23.02	0%	24.91	0.710	12/1/2048	25.62	2048
1/1/2049	25.53	23.27	0%	25.53	0.710	1/1/2049	26.24	2049
2/1/2049	25.53	23.30	0%	25.53	0.710	2/1/2049	26.24	2049
3/1/2049	25.53	23.33	0%	25.53	0.721	3/1/2049	26.25	2049
4/1/2049	25.53	23.36	0%	25.53	0.721	4/1/2049	26.25	2049
5/1/2049	25.53	23.39	0%	25.53	0.721	5/1/2049	26.25	2049
6/1/2049	25.53	23.42	0%	25.53	0.721	6/1/2049	26.25	2049
7/1/2049	25.53	23.32	0%	25.53	0.721	7/1/2049	26.25	2049
8/1/2049	25.53	23.32	0%	25.53	0.721	8/1/2049	26.25	2049
9/1/2049	25.53	24.29	0%	25.53	0.721	9/1/2049	26.25	2049
10/1/2049	25.53	23.83	0%	25.53	0.721	10/1/2049	26.25	2049
11/1/2049	25.53	23.43	0%	25.53	0.721	11/1/2049	26.25	2049
12/1/2049	25.53	23.48	0%	25.53	0.721	12/1/2049	26.25	2049
1/1/2050	25.53	23.73	0%	25.53	0.721	1/1/2050	26.25	2050
2/1/2050	25.53	23.76	0%	25.53	0.721	2/1/2050	26.25	2050
3/1/2050	25.53	23.79	0%	25.53	0.731	3/1/2050	26.27	2050
4/1/2050	25.53	23.83	0%	25.53	0.731	4/1/2050	26.27	2050
5/1/2050	25.53	23.86	0%	25.53	0.731	5/1/2050	26.27	2050
6/1/2050	25.53	23.89	0%	25.53	0.731	6/1/2050	26.27	2050
7/1/2050	25.53	23.78	0%	25.53	0.731	7/1/2050	26.27	2050
8/1/2050	25.53	23.78	0%	25.53	0.731	8/1/2050	26.27	2050
9/1/2050	25.53	24.77	0%	25.53	0.731	9/1/2050	26.27	2050
10/1/2050	25.53	24.31	0%	25.53	0.731	10/1/2050	26.27	2050
11/1/2050	25.53	23.90	0%	25.53	0.731	11/1/2050	26.27	2050
12/1/2050	25.53	23.95	0%	25.53	0.731	12/1/2050	26.27	2050

Bartow CC

PETROLEUM PRODUCT PRICE FORECAST DATA

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Date	Petroleum Product Price Forecast - Gulf Coast	TCM	Blend TCM/ Fundamental (%)	Blend TCM/ Fundamental ($)	Bartow CC Transport ($/MMBtu)
1/1/2019	14.62	12.93	100%	12.93	0.414
2/1/2019	14.62	13.87	100%	13.87	0.414
3/1/2019	14.62	13.78	100%	13.78	0.414
4/1/2019	14.62	14.33	100%	14.33	0.414
5/1/2019	14.62	14.29	100%	14.29	0.414
6/1/2019	14.62	13.17	100%	13.17	0.414
7/1/2019	14.62	13.86	100%	13.86	0.414
8/1/2019	14.62	13.04	100%	13.04	0.414
9/1/2019	14.62	13.58	100%	13.58	0.414
10/1/2019	14.62	13.31	100%	13.31	0.414
11/1/2019	14.62	13.08	100%	13.08	0.414
12/1/2019	14.62	13.09	100%	13.09	0.414
1/1/2020	13.66	13.80	100%	13.80	0.420
2/1/2020	13.66	14.09	100%	14.09	0.420
3/1/2020	13.66	14.60	100%	14.60	0.420
4/1/2020	13.66	14.42	100%	14.42	0.420
5/1/2020	13.66	13.11	100%	13.11	0.420
6/1/2020	13.66	13.60	100%	13.60	0.420
7/1/2020	13.66	12.98	100%	12.98	0.420
8/1/2020	13.66	13.82	100%	13.82	0.420
9/1/2020	13.66	13.64	100%	13.64	0.420
10/1/2020	13.66	13.38	100%	13.38	0.420
11/1/2020	13.66	13.16	100%	13.16	0.420
12/1/2020	13.66	13.18	100%	13.18	0.420
1/1/2021	13.38	13.24	100%	13.24	0.426
2/1/2021	13.38	13.26	100%	13.26	0.426
3/1/2021	13.38	13.28	100%	13.28	0.426
4/1/2021	13.38	13.30	100%	13.30	0.426
5/1/2021	13.38	13.31	100%	13.31	0.426
6/1/2021	13.38	13.33	100%	13.33	0.426
7/1/2021	13.38	13.33	100%	13.33	0.426
8/1/2021	13.38	13.33	100%	13.33	0.426
9/1/2021	13.38	13.89	100%	13.89	0.426
10/1/2021	13.38	13.63	100%	13.63	0.426
11/1/2021	13.38	13.40	100%	13.40	0.426
12/1/2021	13.38	13.42	96%	13.42	0.426
1/1/2022	13.44	13.57	92%	13.56	0.433
2/1/2022	13.44	13.59	88%	13.57	0.433
3/1/2022	13.44	13.61	84%	13.58	0.433
4/1/2022	13.44	13.62	80%	13.59	0.433
5/1/2022	13.44	13.64	76%	13.59	0.433
6/1/2022	13.44	13.66	72%	13.60	0.433
7/1/2022	13.44	13.66	68%	13.59	0.433
8/1/2022	13.44	13.66	64%	13.58	0.433
9/1/2022	13.44	14.23	60%	13.92	0.433
10/1/2022	13.44	13.96	56%	13.73	0.433
11/1/2022	13.44	13.73	52%	13.59	0.433
12/1/2022	13.44	13.75	48%	13.59	0.433
1/1/2023	13.75	13.90	44%	13.82	0.439
2/1/2023	13.75	13.92	40%	13.82	0.439
3/1/2023	13.75	13.94	36%	13.82	0.439
4/1/2023	13.75	13.96	32%	13.82	0.439
5/1/2023	13.75	13.98	28%	13.81	0.439
6/1/2023	13.75	13.99	24%	13.81	0.439
7/1/2023	13.75	13.93	20%	13.79	0.439
8/1/2023	13.75	13.93	16%	13.78	0.439
9/1/2023	13.75	14.51	12%	13.84	0.439
10/1/2023	13.75	14.24	8%	13.79	0.439
11/1/2023	13.75	14.00	4%	13.76	0.439
12/1/2023	13.75	14.03	0%	13.75	0.439
1/1/2024	14.08	14.18	0%	14.08	0.446
2/1/2024	14.08	14.20	0%	14.08	0.446
3/1/2024	14.08	14.22	0%	14.08	0.446
4/1/2024	14.08	14.24	0%	14.08	0.446
5/1/2024	14.08	14.26	0%	14.08	0.446

PROSYM INPUT

Date	nomianl$/MMBtu
1/1/2019	13.34
2/1/2019	14.28
3/1/2019	14.20
4/1/2019	14.74
5/1/2019	14.70
6/1/2019	13.58
7/1/2019	14.28
8/1/2019	13.46
9/1/2019	13.99
10/1/2019	13.73
11/1/2019	13.49
12/1/2019	13.50
1/1/2020	14.22
2/1/2020	14.51
3/1/2020	15.02
4/1/2020	14.84
5/1/2020	13.53
6/1/2020	14.02
7/1/2020	13.40
8/1/2020	14.24
9/1/2020	14.06
10/1/2020	13.80
11/1/2020	13.58
12/1/2020	13.60
1/1/2021	13.67
2/1/2021	13.69
3/1/2021	13.71
4/1/2021	13.72
5/1/2021	13.74
6/1/2021	13.76
7/1/2021	13.76
8/1/2021	13.76
9/1/2021	14.31
10/1/2021	14.05
11/1/2021	13.83
12/1/2021	13.85
1/1/2022	13.99
2/1/2022	14.00
3/1/2022	14.01
4/1/2022	14.02
5/1/2022	14.03
6/1/2022	14.03
7/1/2022	14.02
8/1/2022	14.01
9/1/2022	14.35
10/1/2022	14.17
11/1/2022	14.02
12/1/2022	14.03
1/1/2023	14.26
2/1/2023	14.26
3/1/2023	14.26
4/1/2023	14.26
5/1/2023	14.25
6/1/2023	14.25
7/1/2023	14.23
8/1/2023	14.22
9/1/2023	14.28
10/1/2023	14.23
11/1/2023	14.20
12/1/2023	14.19
1/1/2024	14.53
2/1/2024	14.53
3/1/2024	14.53
4/1/2024	14.53
5/1/2024	14.53

ANNUAL AVERAGE

		Bartow CC
2019	2019	13.94
2019	2020	14.07
2019	2021	13.82
2019	2022	14.06
2019	2023	14.24
2019	2024	14.53
2019	2025	14.89
2019	2026	15.45
2019	2027	16.11
2019	2028	16.86
2019	2029	17.55
2019	2030	17.98
2020	2031	18.39
2020	2032	18.80
2020	2033	19.24
2020	2034	19.67
2020	2035	20.12
2020	2036	20.58
2020	2037	21.06
2020	2038	21.46
2020	2039	21.84
2020	2040	21.99
2020	2041	22.55
2020	2042	23.13
2021	2043	23.33
2021	2044	23.93
2021	2045	24.12
2021	2046	24.74
2021	2047	25.35
2021	2048	25.54
2021	2049	26.18
2021	2050	26.19
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6/1/2024	14.08	14.27	0%	14.08	0.446	6/1/2024	14.53	2024
7/1/2024	14.08	14.21	0%	14.08	0.446	7/1/2024	14.53	2024
8/1/2024	14.08	14.21	0%	14.08	0.446	8/1/2024	14.53	2024
9/1/2024	14.08	14.80	0%	14.08	0.446	9/1/2024	14.53	2024
10/1/2024	14.08	14.53	0%	14.08	0.446	10/1/2024	14.53	2024
11/1/2024	14.08	14.28	0%	14.08	0.446	11/1/2024	14.53	2024
12/1/2024	14.08	14.31	0%	14.08	0.446	12/1/2024	14.53	2024
1/1/2025	14.43	14.47	0%	14.43	0.452	1/1/2025	14.89	2025
2/1/2025	14.43	14.48	0%	14.43	0.452	2/1/2025	14.89	2025
3/1/2025	14.43	14.50	0%	14.43	0.452	3/1/2025	14.89	2025
4/1/2025	14.43	14.52	0%	14.43	0.452	4/1/2025	14.89	2025
5/1/2025	14.43	14.54	0%	14.43	0.452	5/1/2025	14.89	2025
6/1/2025	14.43	14.56	0%	14.43	0.452	6/1/2025	14.89	2025
7/1/2025	14.43	14.50	0%	14.43	0.452	7/1/2025	14.89	2025
8/1/2025	14.43	14.50	0%	14.43	0.452	8/1/2025	14.89	2025
9/1/2025	14.43	15.10	0%	14.43	0.452	9/1/2025	14.89	2025
10/1/2025	14.43	14.82	0%	14.43	0.452	10/1/2025	14.89	2025
11/1/2025	14.43	14.57	0%	14.43	0.452	11/1/2025	14.89	2025
12/1/2025	14.43	14.60	0%	14.43	0.452	12/1/2025	14.89	2025
1/1/2026	15.00	14.75	0%	15.00	0.459	1/1/2026	15.45	2026
2/1/2026	15.00	14.77	0%	15.00	0.459	2/1/2026	15.45	2026
3/1/2026	15.00	14.79	0%	15.00	0.459	3/1/2026	15.45	2026
4/1/2026	15.00	14.81	0%	15.00	0.459	4/1/2026	15.45	2026
5/1/2026	15.00	14.83	0%	15.00	0.459	5/1/2026	15.45	2026
6/1/2026	15.00	14.85	0%	15.00	0.459	6/1/2026	15.45	2026
7/1/2026	15.00	14.79	0%	15.00	0.459	7/1/2026	15.45	2026
8/1/2026	15.00	14.79	0%	15.00	0.459	8/1/2026	15.45	2026
9/1/2026	15.00	15.40	0%	15.00	0.459	9/1/2026	15.45	2026
10/1/2026	15.00	15.11	0%	15.00	0.459	10/1/2026	15.45	2026
11/1/2026	15.00	14.86	0%	15.00	0.459	11/1/2026	15.45	2026
12/1/2026	15.00	14.89	0%	15.00	0.459	12/1/2026	15.45	2026
1/1/2027	15.64	15.05	0%	15.64	0.466	1/1/2027	16.11	2027
2/1/2027	15.64	15.07	0%	15.64	0.466	2/1/2027	16.11	2027
3/1/2027	15.64	15.09	0%	15.64	0.466	3/1/2027	16.11	2027
4/1/2027	15.64	15.11	0%	15.64	0.466	4/1/2027	16.11	2027
5/1/2027	15.64	15.13	0%	15.64	0.466	5/1/2027	16.11	2027
6/1/2027	15.64	15.15	0%	15.64	0.466	6/1/2027	16.11	2027
7/1/2027	15.64	15.08	0%	15.64	0.466	7/1/2027	16.11	2027
8/1/2027	15.64	15.08	0%	15.64	0.466	8/1/2027	16.11	2027
9/1/2027	15.64	15.71	0%	15.64	0.466	9/1/2027	16.11	2027
10/1/2027	15.64	15.42	0%	15.64	0.466	10/1/2027	16.11	2027
11/1/2027	15.64	15.16	0%	15.64	0.466	11/1/2027	16.11	2027
12/1/2027	15.64	15.19	0%	15.64	0.466	12/1/2027	16.11	2027
1/1/2028	16.39	15.35	0%	16.39	0.473	1/1/2028	16.86	2028
2/1/2028	16.39	15.37	0%	16.39	0.473	2/1/2028	16.86	2028
3/1/2028	16.39	15.39	0%	16.39	0.473	3/1/2028	16.86	2028
4/1/2028	16.39	15.41	0%	16.39	0.473	4/1/2028	16.86	2028
5/1/2028	16.39	15.43	0%	16.39	0.473	5/1/2028	16.86	2028
6/1/2028	16.39	15.45	0%	16.39	0.473	6/1/2028	16.86	2028
7/1/2028	16.39	15.38	0%	16.39	0.473	7/1/2028	16.86	2028
8/1/2028	16.39	15.38	0%	16.39	0.473	8/1/2028	16.86	2028
9/1/2028	16.39	16.03	0%	16.39	0.473	9/1/2028	16.86	2028
10/1/2028	16.39	15.73	0%	16.39	0.473	10/1/2028	16.86	2028
11/1/2028	16.39	15.46	0%	16.39	0.473	11/1/2028	16.86	2028
12/1/2028	16.39	15.49	0%	16.39	0.473	12/1/2028	16.86	2028
1/1/2029	17.07	15.66	0%	17.07	0.480	1/1/2029	17.55	2029
2/1/2029	17.07	15.68	0%	17.07	0.480	2/1/2029	17.55	2029
3/1/2029	17.07	15.70	0%	17.07	0.480	3/1/2029	17.55	2029
4/1/2029	17.07	15.72	0%	17.07	0.480	4/1/2029	17.55	2029
5/1/2029	17.07	15.74	0%	17.07	0.480	5/1/2029	17.55	2029
6/1/2029	17.07	15.76	0%	17.07	0.480	6/1/2029	17.55	2029
7/1/2029	17.07	15.69	0%	17.07	0.480	7/1/2029	17.55	2029
8/1/2029	17.07	15.69	0%	17.07	0.480	8/1/2029	17.55	2029
9/1/2029	17.07	16.35	0%	17.07	0.480	9/1/2029	17.55	2029
10/1/2029	17.07	16.04	0%	17.07	0.480	10/1/2029	17.55	2029
11/1/2029	17.07	15.77	0%	17.07	0.480	11/1/2029	17.55	2029
12/1/2029	17.07	15.80	0%	17.07	0.480	12/1/2029	17.55	2029
1/1/2030	17.50	15.97	0%	17.50	0.487	1/1/2030	17.98	2030
2/1/2030	17.50	15.99	0%	17.50	0.487	2/1/2030	17.98	2030
3/1/2030	17.50	16.01	0%	17.50	0.487	3/1/2030	17.98	2030
4/1/2030	17.50	16.03	0%	17.50	0.487	4/1/2030	17.98	2030

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5/1/2030	17.50	16.05	0%	17.50	0.487	5/1/2030	17.98	2030
6/1/2030	17.50	16.08	0%	17.50	0.487	6/1/2030	17.98	2030
7/1/2030	17.50	16.00	0%	17.50	0.487	7/1/2030	17.98	2030
8/1/2030	17.50	16.00	0%	17.50	0.487	8/1/2030	17.98	2030
9/1/2030	17.50	16.67	0%	17.50	0.487	9/1/2030	17.98	2030
10/1/2030	17.50	16.36	0%	17.50	0.487	10/1/2030	17.98	2030
11/1/2030	17.50	16.09	0%	17.50	0.487	11/1/2030	17.98	2030
12/1/2030	17.50	16.12	0%	17.50	0.487	12/1/2030	17.98	2030
1/1/2031	17.89	16.29	0%	17.89	0.495	1/1/2031	18.39	2031
2/1/2031	17.89	16.31	0%	17.89	0.495	2/1/2031	18.39	2031
3/1/2031	17.89	16.33	0%	17.89	0.495	3/1/2031	18.39	2031
4/1/2031	17.89	16.35	0%	17.89	0.495	4/1/2031	18.39	2031
5/1/2031	17.89	16.38	0%	17.89	0.495	5/1/2031	18.39	2031
6/1/2031	17.89	16.40	0%	17.89	0.495	6/1/2031	18.39	2031
7/1/2031	17.89	16.32	0%	17.89	0.495	7/1/2031	18.39	2031
8/1/2031	17.89	16.32	0%	17.89	0.495	8/1/2031	18.39	2031
9/1/2031	17.89	17.01	0%	17.89	0.495	9/1/2031	18.39	2031
10/1/2031	17.89	16.69	0%	17.89	0.495	10/1/2031	18.39	2031
11/1/2031	17.89	16.41	0%	17.89	0.495	11/1/2031	18.39	2031
12/1/2031	17.89	16.44	0%	17.89	0.495	12/1/2031	18.39	2031
1/1/2032	18.30	16.62	0%	18.30	0.502	1/1/2032	18.80	2032
2/1/2032	18.30	16.64	0%	18.30	0.502	2/1/2032	18.80	2032
3/1/2032	18.30	16.66	0%	18.30	0.502	3/1/2032	18.80	2032
4/1/2032	18.30	16.68	0%	18.30	0.502	4/1/2032	18.80	2032
5/1/2032	18.30	16.70	0%	18.30	0.502	5/1/2032	18.80	2032
6/1/2032	18.30	16.72	0%	18.30	0.502	6/1/2032	18.80	2032
7/1/2032	18.30	16.65	0%	18.30	0.502	7/1/2032	18.80	2032
8/1/2032	18.30	16.65	0%	18.30	0.502	8/1/2032	18.80	2032
9/1/2032	18.30	17.35	0%	18.30	0.502	9/1/2032	18.80	2032
10/1/2032	18.30	17.02	0%	18.30	0.502	10/1/2032	18.80	2032
11/1/2032	18.30	16.74	0%	18.30	0.502	11/1/2032	18.80	2032
12/1/2032	18.30	16.77	0%	18.30	0.502	12/1/2032	18.80	2032
1/1/2033	18.73	16.95	0%	18.73	0.510	1/1/2033	19.24	2033
2/1/2033	18.73	16.97	0%	18.73	0.510	2/1/2033	19.24	2033
3/1/2033	18.73	16.99	0%	18.73	0.510	3/1/2033	19.24	2033
4/1/2033	18.73	17.01	0%	18.73	0.510	4/1/2033	19.24	2033
5/1/2033	18.73	17.04	0%	18.73	0.510	5/1/2033	19.24	2033
6/1/2033	18.73	17.06	0%	18.73	0.510	6/1/2033	19.24	2033
7/1/2033	18.73	16.98	0%	18.73	0.510	7/1/2033	19.24	2033
8/1/2033	18.73	16.98	0%	18.73	0.510	8/1/2033	19.24	2033
9/1/2033	18.73	17.69	0%	18.73	0.510	9/1/2033	19.24	2033
10/1/2033	18.73	17.36	0%	18.73	0.510	10/1/2033	19.24	2033
11/1/2033	18.73	17.07	0%	18.73	0.510	11/1/2033	19.24	2033
12/1/2033	18.73	17.10	0%	18.73	0.510	12/1/2033	19.24	2033
1/1/2034	19.16	17.29	0%	19.16	0.517	1/1/2034	19.67	2034
2/1/2034	19.16	17.31	0%	19.16	0.517	2/1/2034	19.67	2034
3/1/2034	19.16	17.33	0%	19.16	0.517	3/1/2034	19.67	2034
4/1/2034	19.16	17.36	0%	19.16	0.517	4/1/2034	19.67	2034
5/1/2034	19.16	17.38	0%	19.16	0.517	5/1/2034	19.67	2034
6/1/2034	19.16	17.40	0%	19.16	0.517	6/1/2034	19.67	2034
7/1/2034	19.16	17.32	0%	19.16	0.517	7/1/2034	19.67	2034
8/1/2034	19.16	17.32	0%	19.16	0.517	8/1/2034	19.67	2034
9/1/2034	19.16	18.05	0%	19.16	0.517	9/1/2034	19.67	2034
10/1/2034	19.16	17.71	0%	19.16	0.517	10/1/2034	19.67	2034
11/1/2034	19.16	17.41	0%	19.16	0.517	11/1/2034	19.67	2034
12/1/2034	19.16	17.44	0%	19.16	0.517	12/1/2034	19.67	2034
1/1/2035	19.60	17.63	0%	19.60	0.525	1/1/2035	20.12	2035
2/1/2035	19.60	17.66	0%	19.60	0.525	2/1/2035	20.12	2035
3/1/2035	19.60	17.68	0%	19.60	0.525	3/1/2035	20.12	2035
4/1/2035	19.60	17.70	0%	19.60	0.525	4/1/2035	20.12	2035
5/1/2035	19.60	17.73	0%	19.60	0.525	5/1/2035	20.12	2035
6/1/2035	19.60	17.75	0%	19.60	0.525	6/1/2035	20.12	2035
7/1/2035	19.60	17.67	0%	19.60	0.525	7/1/2035	20.12	2035
8/1/2035	19.60	17.67	0%	19.60	0.525	8/1/2035	20.12	2035
9/1/2035	19.60	18.41	0%	19.60	0.525	9/1/2035	20.12	2035
10/1/2035	19.60	18.06	0%	19.60	0.525	10/1/2035	20.12	2035
11/1/2035	19.60	17.76	0%	19.60	0.525	11/1/2035	20.12	2035
12/1/2035	19.60	17.79	0%	19.60	0.525	12/1/2035	20.12	2035
1/1/2036	20.05	17.99	0%	20.05	0.525	1/1/2036	20.58	2036
2/1/2036	20.05	18.01	0%	20.05	0.525	2/1/2036	20.58	2036
3/1/2036	20.05	18.03	0%	20.05	0.533	3/1/2036	20.58	2036

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4/1/2036	20.05	18.06	0%	20.05	0.533	4/1/2036	20.58	2036
5/1/2036	20.05	18.08	0%	20.05	0.533	5/1/2036	20.58	2036
6/1/2036	20.05	18.10	0%	20.05	0.533	6/1/2036	20.58	2036
7/1/2036	20.05	18.02	0%	20.05	0.533	7/1/2036	20.58	2036
8/1/2036	20.05	18.02	0%	20.05	0.533	8/1/2036	20.58	2036
9/1/2036	20.05	18.78	0%	20.05	0.533	9/1/2036	20.58	2036
10/1/2036	20.05	18.42	0%	20.05	0.533	10/1/2036	20.58	2036
11/1/2036	20.05	18.12	0%	20.05	0.533	11/1/2036	20.58	2036
12/1/2036	20.05	18.15	0%	20.05	0.533	12/1/2036	20.58	2036
1/1/2037	20.52	18.35	0%	20.52	0.533	1/1/2037	21.05	2037
2/1/2037	20.52	18.37	0%	20.52	0.533	2/1/2037	21.05	2037
3/1/2037	20.52	18.39	0%	20.52	0.541	3/1/2037	21.06	2037
4/1/2037	20.52	18.42	0%	20.52	0.541	4/1/2037	21.06	2037
5/1/2037	20.52	18.44	0%	20.52	0.541	5/1/2037	21.06	2037
6/1/2037	20.52	18.47	0%	20.52	0.541	6/1/2037	21.06	2037
7/1/2037	20.52	18.38	0%	20.52	0.541	7/1/2037	21.06	2037
8/1/2037	20.52	18.38	0%	20.52	0.541	8/1/2037	21.06	2037
9/1/2037	20.52	19.15	0%	20.52	0.541	9/1/2037	21.06	2037
10/1/2037	20.52	18.79	0%	20.52	0.541	10/1/2037	21.06	2037
11/1/2037	20.52	18.48	0%	20.52	0.541	11/1/2037	21.06	2037
12/1/2037	20.52	18.51	0%	20.52	0.541	12/1/2037	21.06	2037
1/1/2038	20.91	18.71	0%	20.91	0.541	1/1/2038	21.45	2038
2/1/2038	20.91	18.74	0%	20.91	0.541	2/1/2038	21.45	2038
3/1/2038	20.91	18.76	0%	20.91	0.549	3/1/2038	21.46	2038
4/1/2038	20.91	18.79	0%	20.91	0.549	4/1/2038	21.46	2038
5/1/2038	20.91	18.81	0%	20.91	0.549	5/1/2038	21.46	2038
6/1/2038	20.91	18.83	0%	20.91	0.549	6/1/2038	21.46	2038
7/1/2038	20.91	18.75	0%	20.91	0.549	7/1/2038	21.46	2038
8/1/2038	20.91	18.75	0%	20.91	0.549	8/1/2038	21.46	2038
9/1/2038	20.91	19.53	0%	20.91	0.549	9/1/2038	21.46	2038
10/1/2038	20.91	19.17	0%	20.91	0.549	10/1/2038	21.46	2038
11/1/2038	20.91	18.85	0%	20.91	0.549	11/1/2038	21.46	2038
12/1/2038	20.91	18.88	0%	20.91	0.549	12/1/2038	21.46	2038
1/1/2039	21.29	19.09	0%	21.29	0.549	1/1/2039	21.83	2039
2/1/2039	21.29	19.11	0%	21.29	0.549	2/1/2039	21.83	2039
3/1/2039	21.29	19.14	0%	21.29	0.557	3/1/2039	21.84	2039
4/1/2039	21.29	19.16	0%	21.29	0.557	4/1/2039	21.84	2039
5/1/2039	21.29	19.19	0%	21.29	0.557	5/1/2039	21.84	2039
6/1/2039	21.29	19.21	0%	21.29	0.557	6/1/2039	21.84	2039
7/1/2039	21.29	19.13	0%	21.29	0.557	7/1/2039	21.84	2039
8/1/2039	21.29	19.13	0%	21.29	0.557	8/1/2039	21.84	2039
9/1/2039	21.29	19.93	0%	21.29	0.557	9/1/2039	21.84	2039
10/1/2039	21.29	19.55	0%	21.29	0.557	10/1/2039	21.84	2039
11/1/2039	21.29	19.22	0%	21.29	0.557	11/1/2039	21.84	2039
12/1/2039	21.29	19.26	0%	21.29	0.557	12/1/2039	21.84	2039
1/1/2040	21.42	19.47	0%	21.42	0.557	1/1/2040	21.98	2040
2/1/2040	21.42	19.49	0%	21.42	0.557	2/1/2040	21.98	2040
3/1/2040	21.42	19.52	0%	21.42	0.566	3/1/2040	21.99	2040
4/1/2040	21.42	19.54	0%	21.42	0.566	4/1/2040	21.99	2040
5/1/2040	21.42	19.57	0%	21.42	0.566	5/1/2040	21.99	2040
6/1/2040	21.42	19.60	0%	21.42	0.566	6/1/2040	21.99	2040
7/1/2040	21.42	19.51	0%	21.42	0.566	7/1/2040	21.99	2040
8/1/2040	21.42	19.51	0%	21.42	0.566	8/1/2040	21.99	2040
9/1/2040	21.42	20.32	0%	21.42	0.566	9/1/2040	21.99	2040
10/1/2040	21.42	19.94	0%	21.42	0.566	10/1/2040	21.99	2040
11/1/2040	21.42	19.61	0%	21.42	0.566	11/1/2040	21.99	2040
12/1/2040	21.42	19.64	0%	21.42	0.566	12/1/2040	21.99	2040
1/1/2041	21.98	19.86	0%	21.98	0.566	1/1/2041	22.54	2041
2/1/2041	21.98	19.88	0%	21.98	0.566	2/1/2041	22.54	2041
3/1/2041	21.98	19.91	0%	21.98	0.574	3/1/2041	22.55	2041
4/1/2041	21.98	19.94	0%	21.98	0.574	4/1/2041	22.55	2041
5/1/2041	21.98	19.96	0%	21.98	0.574	5/1/2041	22.55	2041
6/1/2041	21.98	19.99	0%	21.98	0.574	6/1/2041	22.55	2041
7/1/2041	21.98	19.90	0%	21.98	0.574	7/1/2041	22.55	2041
8/1/2041	21.98	19.90	0%	21.98	0.574	8/1/2041	22.55	2041
9/1/2041	21.98	20.73	0%	21.98	0.574	9/1/2041	22.55	2041
10/1/2041	21.98	20.34	0%	21.98	0.574	10/1/2041	22.55	2041
11/1/2041	21.98	20.00	0%	21.98	0.574	11/1/2041	22.55	2041
12/1/2041	21.98	20.04	0%	21.98	0.574	12/1/2041	22.55	2041
1/1/2042	22.55	20.25	0%	22.55	0.574	1/1/2042	23.12	2042
2/1/2042	22.55	20.28	0%	22.55	0.574	2/1/2042	23.12	2042

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3/1/2042	22.55	20.31	0%	22.55	0.583	3/1/2042	23.13	2042
4/1/2042	22.55	20.33	0%	22.55	0.583	4/1/2042	23.13	2042
5/1/2042	22.55	20.36	0%	22.55	0.583	5/1/2042	23.13	2042
6/1/2042	22.55	20.39	0%	22.55	0.583	6/1/2042	23.13	2042
7/1/2042	22.55	20.30	0%	22.55	0.583	7/1/2042	23.13	2042
8/1/2042	22.55	20.30	0%	22.55	0.583	8/1/2042	23.13	2042
9/1/2042	22.55	21.14	0%	22.55	0.583	9/1/2042	23.13	2042
10/1/2042	22.55	20.75	0%	22.55	0.583	10/1/2042	23.13	2042
11/1/2042	22.55	20.40	0%	22.55	0.583	11/1/2042	23.13	2042
12/1/2042	22.55	20.44	0%	22.55	0.583	12/1/2042	23.13	2042
1/1/2043	22.74	20.66	0%	22.74	0.583	1/1/2043	23.32	2043
2/1/2043	22.74	20.69	0%	22.74	0.583	2/1/2043	23.32	2043
3/1/2043	22.74	20.71	0%	22.74	0.591	3/1/2043	23.33	2043
4/1/2043	22.74	20.74	0%	22.74	0.591	4/1/2043	23.33	2043
5/1/2043	22.74	20.77	0%	22.74	0.591	5/1/2043	23.33	2043
6/1/2043	22.74	20.80	0%	22.74	0.591	6/1/2043	23.33	2043
7/1/2043	22.74	20.70	0%	22.74	0.591	7/1/2043	23.33	2043
8/1/2043	22.74	20.70	0%	22.74	0.591	8/1/2043	23.33	2043
9/1/2043	22.74	21.57	0%	22.74	0.591	9/1/2043	23.33	2043
10/1/2043	22.74	21.16	0%	22.74	0.591	10/1/2043	23.33	2043
11/1/2043	22.74	20.81	0%	22.74	0.591	11/1/2043	23.33	2043
12/1/2043	22.74	20.85	0%	22.74	0.591	12/1/2043	23.33	2043
1/1/2044	23.33	21.07	0%	23.33	0.591	1/1/2044	23.92	2044
2/1/2044	23.33	21.10	0%	23.33	0.591	2/1/2044	23.92	2044
3/1/2044	23.33	21.13	0%	23.33	0.600	3/1/2044	23.93	2044
4/1/2044	23.33	21.16	0%	23.33	0.600	4/1/2044	23.93	2044
5/1/2044	23.33	21.18	0%	23.33	0.600	5/1/2044	23.93	2044
6/1/2044	23.33	21.21	0%	23.33	0.600	6/1/2044	23.93	2044
7/1/2044	23.33	21.12	0%	23.33	0.600	7/1/2044	23.93	2044
8/1/2044	23.33	21.12	0%	23.33	0.600	8/1/2044	23.93	2044
9/1/2044	23.33	22.00	0%	23.33	0.600	9/1/2044	23.93	2044
10/1/2044	23.33	21.59	0%	23.33	0.600	10/1/2044	23.93	2044
11/1/2044	23.33	21.22	0%	23.33	0.600	11/1/2044	23.93	2044
12/1/2044	23.33	21.26	0%	23.33	0.600	12/1/2044	23.93	2044
1/1/2045	23.52	21.49	0%	23.52	0.600	1/1/2045	24.12	2045
2/1/2045	23.52	21.52	0%	23.52	0.600	2/1/2045	24.12	2045
3/1/2045	23.52	21.55	0%	23.52	0.609	3/1/2045	24.13	2045
4/1/2045	23.52	21.58	0%	23.52	0.609	4/1/2045	24.13	2045
5/1/2045	23.52	21.61	0%	23.52	0.609	5/1/2045	24.13	2045
6/1/2045	23.52	21.64	0%	23.52	0.609	6/1/2045	24.13	2045
7/1/2045	23.52	21.54	0%	23.52	0.609	7/1/2045	24.13	2045
8/1/2045	23.52	21.54	0%	23.52	0.609	8/1/2045	24.13	2045
9/1/2045	23.52	22.44	0%	23.52	0.609	9/1/2045	24.13	2045
10/1/2045	23.52	22.02	0%	23.52	0.609	10/1/2045	24.13	2045
11/1/2045	23.52	21.65	0%	23.52	0.609	11/1/2045	24.13	2045
12/1/2045	23.52	21.69	0%	23.52	0.609	12/1/2045	24.13	2045
1/1/2046	24.12	21.92	0%	24.12	0.609	1/1/2046	24.73	2046
2/1/2046	24.12	21.95	0%	24.12	0.609	2/1/2046	24.73	2046
3/1/2046	24.12	21.98	0%	24.12	0.618	3/1/2046	24.74	2046
4/1/2046	24.12	22.01	0%	24.12	0.618	4/1/2046	24.74	2046
5/1/2046	24.12	22.04	0%	24.12	0.618	5/1/2046	24.74	2046
6/1/2046	24.12	22.07	0%	24.12	0.618	6/1/2046	24.74	2046
7/1/2046	24.12	21.97	0%	24.12	0.618	7/1/2046	24.74	2046
8/1/2046	24.12	21.97	0%	24.12	0.618	8/1/2046	24.74	2046
9/1/2046	24.12	22.89	0%	24.12	0.618	9/1/2046	24.74	2046
10/1/2046	24.12	22.46	0%	24.12	0.618	10/1/2046	24.74	2046
11/1/2046	24.12	22.08	0%	24.12	0.618	11/1/2046	24.74	2046
12/1/2046	24.12	22.12	0%	24.12	0.618	12/1/2046	24.74	2046
1/1/2047	24.73	22.36	0%	24.73	0.618	1/1/2047	25.35	2047
2/1/2047	24.73	22.39	0%	24.73	0.618	2/1/2047	25.35	2047
3/1/2047	24.73	22.42	0%	24.73	0.628	3/1/2047	25.36	2047
4/1/2047	24.73	22.45	0%	24.73	0.628	4/1/2047	25.36	2047
5/1/2047	24.73	22.48	0%	24.73	0.628	5/1/2047	25.36	2047
6/1/2047	24.73	22.51	0%	24.73	0.628	6/1/2047	25.36	2047
7/1/2047	24.73	22.41	0%	24.73	0.628	7/1/2047	25.36	2047
8/1/2047	24.73	22.41	0%	24.73	0.628	8/1/2047	25.36	2047
9/1/2047	24.73	23.35	0%	24.73	0.628	9/1/2047	25.36	2047
10/1/2047	24.73	22.91	0%	24.73	0.628	10/1/2047	25.36	2047
11/1/2047	24.73	22.52	0%	24.73	0.628	11/1/2047	25.36	2047
12/1/2047	24.73	22.57	0%	24.73	0.628	12/1/2047	25.36	2047
1/1/2048	24.91	22.81	0%	24.91	0.628	1/1/2048	25.53	2048

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2/1/2048	24.91	22.84	0%	24.91	0.628	2/1/2048	25.53	2048
3/1/2048	24.91	22.87	0%	24.91	0.637	3/1/2048	25.54	2048
4/1/2048	24.91	22.90	0%	24.91	0.637	4/1/2048	25.54	2048
5/1/2048	24.91	22.93	0%	24.91	0.637	5/1/2048	25.54	2048
6/1/2048	24.91	22.96	0%	24.91	0.637	6/1/2048	25.54	2048
7/1/2048	24.91	22.86	0%	24.91	0.637	7/1/2048	25.54	2048
8/1/2048	24.91	22.86	0%	24.91	0.637	8/1/2048	25.54	2048
9/1/2048	24.91	23.81	0%	24.91	0.637	9/1/2048	25.54	2048
10/1/2048	24.91	23.37	0%	24.91	0.637	10/1/2048	25.54	2048
11/1/2048	24.91	22.97	0%	24.91	0.637	11/1/2048	25.54	2048
12/1/2048	24.91	23.02	0%	24.91	0.637	12/1/2048	25.54	2048
1/1/2049	25.53	23.27	0%	25.53	0.637	1/1/2049	26.17	2049
2/1/2049	25.53	23.30	0%	25.53	0.637	2/1/2049	26.17	2049
3/1/2049	25.53	23.33	0%	25.53	0.647	3/1/2049	26.18	2049
4/1/2049	25.53	23.36	0%	25.53	0.647	4/1/2049	26.18	2049
5/1/2049	25.53	23.39	0%	25.53	0.647	5/1/2049	26.18	2049
6/1/2049	25.53	23.42	0%	25.53	0.647	6/1/2049	26.18	2049
7/1/2049	25.53	23.32	0%	25.53	0.647	7/1/2049	26.18	2049
8/1/2049	25.53	23.32	0%	25.53	0.647	8/1/2049	26.18	2049
9/1/2049	25.53	24.29	0%	25.53	0.647	9/1/2049	26.18	2049
10/1/2049	25.53	23.83	0%	25.53	0.647	10/1/2049	26.18	2049
11/1/2049	25.53	23.43	0%	25.53	0.647	11/1/2049	26.18	2049
12/1/2049	25.53	23.48	0%	25.53	0.647	12/1/2049	26.18	2049
1/1/2050	25.53	23.73	0%	25.53	0.647	1/1/2050	26.18	2050
2/1/2050	25.53	23.76	0%	25.53	0.647	2/1/2050	26.18	2050
3/1/2050	25.53	23.79	0%	25.53	0.656	3/1/2050	26.19	2050
4/1/2050	25.53	23.83	0%	25.53	0.656	4/1/2050	26.19	2050
5/1/2050	25.53	23.86	0%	25.53	0.656	5/1/2050	26.19	2050
6/1/2050	25.53	23.89	0%	25.53	0.656	6/1/2050	26.19	2050
7/1/2050	25.53	23.78	0%	25.53	0.656	7/1/2050	26.19	2050
8/1/2050	25.53	23.78	0%	25.53	0.656	8/1/2050	26.19	2050
9/1/2050	25.53	24.77	0%	25.53	0.656	9/1/2050	26.19	2050
10/1/2050	25.53	24.31	0%	25.53	0.656	10/1/2050	26.19	2050
11/1/2050	25.53	23.90	0%	25.53	0.656	11/1/2050	26.19	2050
12/1/2050	25.53	23.95	0%	25.53	0.656	12/1/2050	26.19	2050

Crystal River

PETROLEUM PRODUCT PRICE FORECAST DATA

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Date	Product Price Forecast - Gulf	TCM	Blend TCM/ Fundamental (%)	Blend TCM/ Fundamental ($)	Transport ($/MMBtu)
1/1/2019	14.62	12.93	100%	12.93	0.630
2/1/2019	14.62	13.87	100%	13.87	0.630
3/1/2019	14.62	13.78	100%	13.78	0.630
4/1/2019	14.62	14.33	100%	14.33	0.630
5/1/2019	14.62	14.29	100%	14.29	0.630
6/1/2019	14.62	13.17	100%	13.17	0.630
7/1/2019	14.62	13.86	100%	13.86	0.630
8/1/2019	14.62	13.04	100%	13.04	0.630
9/1/2019	14.62	13.58	100%	13.58	0.630
10/1/2019	14.62	13.31	100%	13.31	0.630
11/1/2019	14.62	13.08	100%	13.08	0.630
12/1/2019	14.62	13.09	100%	13.09	0.630
1/1/2020	13.66	13.80	100%	13.80	0.640
2/1/2020	13.66	14.09	100%	14.09	0.640
3/1/2020	13.66	14.60	100%	14.60	0.640
4/1/2020	13.66	14.42	100%	14.42	0.640
5/1/2020	13.66	13.11	100%	13.11	0.640
6/1/2020	13.66	13.60	100%	13.60	0.640
7/1/2020	13.66	12.98	100%	12.98	0.640
8/1/2020	13.66	13.82	100%	13.82	0.640
9/1/2020	13.66	13.64	100%	13.64	0.640
10/1/2020	13.66	13.38	100%	13.38	0.640
11/1/2020	13.66	13.16	100%	13.16	0.640
12/1/2020	13.66	13.18	100%	13.18	0.640
1/1/2021	13.38	13.24	100%	13.24	0.649
2/1/2021	13.38	13.26	100%	13.26	0.649
3/1/2021	13.38	13.28	100%	13.28	0.649
4/1/2021	13.38	13.30	100%	13.30	0.649
5/1/2021	13.38	13.31	100%	13.31	0.649
6/1/2021	13.38	13.33	100%	13.33	0.649
7/1/2021	13.38	13.33	100%	13.33	0.649
8/1/2021	13.38	13.33	100%	13.33	0.649
9/1/2021	13.38	13.89	100%	13.89	0.649
10/1/2021	13.38	13.63	100%	13.63	0.649
11/1/2021	13.38	13.40	100%	13.40	0.649
12/1/2021	13.38	13.42	100%	13.42	0.649
1/1/2022	13.44	13.57	96%	13.57	0.659
2/1/2022	13.44	13.59	92%	13.58	0.659
3/1/2022	13.44	13.61	88%	13.59	0.659
4/1/2022	13.44	13.62	84%	13.60	0.659
5/1/2022	13.44	13.64	80%	13.60	0.659
6/1/2022	13.44	13.66	76%	13.61	0.659
7/1/2022	13.44	13.66	72%	13.60	0.659
8/1/2022	13.44	13.66	68%	13.59	0.659
9/1/2022	13.44	14.23	64%	13.95	0.659
10/1/2022	13.44	13.96	60%	13.76	0.659
11/1/2022	13.44	13.73	56%	13.60	0.659
12/1/2022	13.44	13.75	52%	13.60	0.659
1/1/2023	13.75	13.90	48%	13.82	0.669
2/1/2023	13.75	13.92	44%	13.83	0.669
3/1/2023	13.75	13.94	40%	13.83	0.669

PROSYM INPUT

Date	nomianl$/MMBtu
1/1/2019	13.56
2/1/2019	14.50
3/1/2019	14.41
4/1/2019	14.96
5/1/2019	14.92
6/1/2019	13.80
7/1/2019	14.49
8/1/2019	13.67
9/1/2019	14.21
10/1/2019	13.94
11/1/2019	13.71
12/1/2019	13.72
1/1/2020	14.44
2/1/2020	14.73
3/1/2020	15.24
4/1/2020	15.06
5/1/2020	13.75
6/1/2020	14.24
7/1/2020	13.62
8/1/2020	14.46
9/1/2020	14.28
10/1/2020	14.02
11/1/2020	13.80
12/1/2020	13.82
1/1/2021	13.89
2/1/2021	13.91
3/1/2021	13.93
4/1/2021	13.95
5/1/2021	13.96
6/1/2021	13.98
7/1/2021	13.98
8/1/2021	13.98
9/1/2021	14.54
10/1/2021	14.28
11/1/2021	14.05
12/1/2021	14.07
1/1/2022	14.22
2/1/2022	14.24
3/1/2022	14.25
4/1/2022	14.25
5/1/2022	14.26
6/1/2022	14.27
7/1/2022	14.26
8/1/2022	14.25
9/1/2022	14.61
10/1/2022	14.41
11/1/2022	14.26
12/1/2022	14.26
1/1/2023	14.49
2/1/2023	14.49
3/1/2023	14.49

ANNUAL AVERAGE

	Crystal River
2019	14.16
2020	14.29
2021	14.04
2022	14.30
2023	14.48
2024	14.76
2025	15.12
2026	15.70
2027	16.35
2028	17.11
2029	17.80
2030	18.24
2031	18.65
2032	19.07
2033	19.50
2034	19.95
2035	20.40
2036	20.86
2037	21.34
2038	21.74
2039	22.13
2040	22.28
2041	22.85
2042	23.44
2043	23.64
2044	24.24
2045	24.44
2046	25.06
2047	25.68
2048	25.88
2049	26.52
2050	26.53

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4/1/2023	13.75	13.96	36%	13.82	0.669	4/1/2023	14.49	2023
5/1/2023	13.75	13.98	32%	13.82	0.669	5/1/2023	14.49	2023
6/1/2023	13.75	13.99	28%	13.82	0.669	6/1/2023	14.49	2023
7/1/2023	13.75	13.93	24%	13.79	0.669	7/1/2023	14.46	2023
8/1/2023	13.75	13.93	20%	13.79	0.669	8/1/2023	14.46	2023
9/1/2023	13.75	14.51	16%	13.87	0.669	9/1/2023	14.54	2023
10/1/2023	13.75	14.24	12%	13.81	0.669	10/1/2023	14.48	2023
11/1/2023	13.75	14.00	8%	13.77	0.669	11/1/2023	14.44	2023
12/1/2023	13.75	14.03	4%	13.76	0.669	12/1/2023	14.43	2023
1/1/2024	14.08	14.18	0%	14.08	0.679	1/1/2024	14.76	2024
2/1/2024	14.08	14.20	0%	14.08	0.679	2/1/2024	14.76	2024
3/1/2024	14.08	14.22	0%	14.08	0.679	3/1/2024	14.76	2024
4/1/2024	14.08	14.24	0%	14.08	0.679	4/1/2024	14.76	2024
5/1/2024	14.08	14.26	0%	14.08	0.679	5/1/2024	14.76	2024
6/1/2024	14.08	14.27	0%	14.08	0.679	6/1/2024	14.76	2024
7/1/2024	14.08	14.21	0%	14.08	0.679	7/1/2024	14.76	2024
8/1/2024	14.08	14.21	0%	14.08	0.679	8/1/2024	14.76	2024
9/1/2024	14.08	14.80	0%	14.08	0.679	9/1/2024	14.76	2024
10/1/2024	14.08	14.53	0%	14.08	0.679	10/1/2024	14.76	2024
11/1/2024	14.08	14.28	0%	14.08	0.679	11/1/2024	14.76	2024
12/1/2024	14.08	14.31	0%	14.08	0.679	12/1/2024	14.76	2024
1/1/2025	14.43	14.47	0%	14.43	0.689	1/1/2025	15.12	2025
2/1/2025	14.43	14.48	0%	14.43	0.689	2/1/2025	15.12	2025
3/1/2025	14.43	14.50	0%	14.43	0.689	3/1/2025	15.12	2025
4/1/2025	14.43	14.52	0%	14.43	0.689	4/1/2025	15.12	2025
5/1/2025	14.43	14.54	0%	14.43	0.689	5/1/2025	15.12	2025
6/1/2025	14.43	14.56	0%	14.43	0.689	6/1/2025	15.12	2025
7/1/2025	14.43	14.50	0%	14.43	0.689	7/1/2025	15.12	2025
8/1/2025	14.43	14.50	0%	14.43	0.689	8/1/2025	15.12	2025
9/1/2025	14.43	15.10	0%	14.43	0.689	9/1/2025	15.12	2025
10/1/2025	14.43	14.82	0%	14.43	0.689	10/1/2025	15.12	2025
11/1/2025	14.43	14.57	0%	14.43	0.689	11/1/2025	15.12	2025
12/1/2025	14.43	14.60	0%	14.43	0.689	12/1/2025	15.12	2025
1/1/2026	15.00	14.75	0%	15.00	0.700	1/1/2026	15.70	2026
2/1/2026	15.00	14.77	0%	15.00	0.700	2/1/2026	15.70	2026
3/1/2026	15.00	14.79	0%	15.00	0.700	3/1/2026	15.70	2026
4/1/2026	15.00	14.81	0%	15.00	0.700	4/1/2026	15.70	2026
5/1/2026	15.00	14.83	0%	15.00	0.700	5/1/2026	15.70	2026
6/1/2026	15.00	14.85	0%	15.00	0.700	6/1/2026	15.70	2026
7/1/2026	15.00	14.79	0%	15.00	0.700	7/1/2026	15.70	2026
8/1/2026	15.00	14.79	0%	15.00	0.700	8/1/2026	15.70	2026
9/1/2026	15.00	15.40	0%	15.00	0.700	9/1/2026	15.70	2026
10/1/2026	15.00	15.11	0%	15.00	0.700	10/1/2026	15.70	2026
11/1/2026	15.00	14.86	0%	15.00	0.700	11/1/2026	15.70	2026
12/1/2026	15.00	14.89	0%	15.00	0.700	12/1/2026	15.70	2026
1/1/2027	15.64	15.05	0%	15.64	0.710	1/1/2027	16.35	2027
2/1/2027	15.64	15.07	0%	15.64	0.710	2/1/2027	16.35	2027
3/1/2027	15.64	15.09	0%	15.64	0.710	3/1/2027	16.35	2027
4/1/2027	15.64	15.11	0%	15.64	0.710	4/1/2027	16.35	2027
5/1/2027	15.64	15.13	0%	15.64	0.710	5/1/2027	16.35	2027
6/1/2027	15.64	15.15	0%	15.64	0.710	6/1/2027	16.35	2027
7/1/2027	15.64	15.08	0%	15.64	0.710	7/1/2027	16.35	2027
8/1/2027	15.64	15.08	0%	15.64	0.710	8/1/2027	16.35	2027
9/1/2027	15.64	15.71	0%	15.64	0.710	9/1/2027	16.35	2027

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10/1/2027	15.64	15.42	0%	15.64	0.710	10/1/2027	16.35	2027
11/1/2027	15.64	15.16	0%	15.64	0.710	11/1/2027	16.35	2027
12/1/2027	15.64	15.19	0%	15.64	0.710	12/1/2027	16.35	2027
1/1/2028	16.39	15.35	0%	16.39	0.721	1/1/2028	17.11	2028
2/1/2028	16.39	15.37	0%	16.39	0.721	2/1/2028	17.11	2028
3/1/2028	16.39	15.39	0%	16.39	0.721	3/1/2028	17.11	2028
4/1/2028	16.39	15.41	0%	16.39	0.721	4/1/2028	17.11	2028
5/1/2028	16.39	15.43	0%	16.39	0.721	5/1/2028	17.11	2028
6/1/2028	16.39	15.45	0%	16.39	0.721	6/1/2028	17.11	2028
7/1/2028	16.39	15.38	0%	16.39	0.721	7/1/2028	17.11	2028
8/1/2028	16.39	15.38	0%	16.39	0.721	8/1/2028	17.11	2028
9/1/2028	16.39	16.03	0%	16.39	0.721	9/1/2028	17.11	2028
10/1/2028	16.39	15.73	0%	16.39	0.721	10/1/2028	17.11	2028
11/1/2028	16.39	15.46	0%	16.39	0.721	11/1/2028	17.11	2028
12/1/2028	16.39	15.49	0%	16.39	0.721	12/1/2028	17.11	2028
1/1/2029	17.07	15.66	0%	17.07	0.732	1/1/2029	17.80	2029
2/1/2029	17.07	15.68	0%	17.07	0.732	2/1/2029	17.80	2029
3/1/2029	17.07	15.70	0%	17.07	0.732	3/1/2029	17.80	2029
4/1/2029	17.07	15.72	0%	17.07	0.732	4/1/2029	17.80	2029
5/1/2029	17.07	15.74	0%	17.07	0.732	5/1/2029	17.80	2029
6/1/2029	17.07	15.76	0%	17.07	0.732	6/1/2029	17.80	2029
7/1/2029	17.07	15.69	0%	17.07	0.732	7/1/2029	17.80	2029
8/1/2029	17.07	15.69	0%	17.07	0.732	8/1/2029	17.80	2029
9/1/2029	17.07	16.35	0%	17.07	0.732	9/1/2029	17.80	2029
10/1/2029	17.07	16.04	0%	17.07	0.732	10/1/2029	17.80	2029
11/1/2029	17.07	15.77	0%	17.07	0.732	11/1/2029	17.80	2029
12/1/2029	17.07	15.80	0%	17.07	0.732	12/1/2029	17.80	2029
1/1/2030	17.50	15.97	0%	17.50	0.743	1/1/2030	18.24	2030
2/1/2030	17.50	15.99	0%	17.50	0.743	2/1/2030	18.24	2030
3/1/2030	17.50	16.01	0%	17.50	0.743	3/1/2030	18.24	2030
4/1/2030	17.50	16.03	0%	17.50	0.743	4/1/2030	18.24	2030
5/1/2030	17.50	16.05	0%	17.50	0.743	5/1/2030	18.24	2030
6/1/2030	17.50	16.08	0%	17.50	0.743	6/1/2030	18.24	2030
7/1/2030	17.50	16.00	0%	17.50	0.743	7/1/2030	18.24	2030
8/1/2030	17.50	16.00	0%	17.50	0.743	8/1/2030	18.24	2030
9/1/2030	17.50	16.67	0%	17.50	0.743	9/1/2030	18.24	2030
10/1/2030	17.50	16.36	0%	17.50	0.743	10/1/2030	18.24	2030
11/1/2030	17.50	16.09	0%	17.50	0.743	11/1/2030	18.24	2030
12/1/2030	17.50	16.12	0%	17.50	0.743	12/1/2030	18.24	2030
1/1/2031	17.89	16.29	0%	17.89	0.754	1/1/2031	18.65	2031
2/1/2031	17.89	16.31	0%	17.89	0.754	2/1/2031	18.65	2031
3/1/2031	17.89	16.33	0%	17.89	0.754	3/1/2031	18.65	2031
4/1/2031	17.89	16.35	0%	17.89	0.754	4/1/2031	18.65	2031
5/1/2031	17.89	16.38	0%	17.89	0.754	5/1/2031	18.65	2031
6/1/2031	17.89	16.40	0%	17.89	0.754	6/1/2031	18.65	2031
7/1/2031	17.89	16.32	0%	17.89	0.754	7/1/2031	18.65	2031
8/1/2031	17.89	16.32	0%	17.89	0.754	8/1/2031	18.65	2031
9/1/2031	17.89	17.01	0%	17.89	0.754	9/1/2031	18.65	2031
10/1/2031	17.89	16.69	0%	17.89	0.754	10/1/2031	18.65	2031
11/1/2031	17.89	16.41	0%	17.89	0.754	11/1/2031	18.65	2031
12/1/2031	17.89	16.44	0%	17.89	0.754	12/1/2031	18.65	2031
1/1/2032	18.30	16.62	0%	18.30	0.765	1/1/2032	19.07	2032
2/1/2032	18.30	16.64	0%	18.30	0.765	2/1/2032	19.07	2032
3/1/2032	18.30	16.66	0%	18.30	0.765	3/1/2032	19.07	2032

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4/1/2032	18.30	16.68	0%	18.30	0.765	4/1/2032	19.07	2032
5/1/2032	18.30	16.70	0%	18.30	0.765	5/1/2032	19.07	2032
6/1/2032	18.30	16.72	0%	18.30	0.765	6/1/2032	19.07	2032
7/1/2032	18.30	16.65	0%	18.30	0.765	7/1/2032	19.07	2032
8/1/2032	18.30	16.65	0%	18.30	0.765	8/1/2032	19.07	2032
9/1/2032	18.30	17.35	0%	18.30	0.765	9/1/2032	19.07	2032
10/1/2032	18.30	17.02	0%	18.30	0.765	10/1/2032	19.07	2032
11/1/2032	18.30	16.74	0%	18.30	0.765	11/1/2032	19.07	2032
12/1/2032	18.30	16.77	0%	18.30	0.765	12/1/2032	19.07	2032
1/1/2033	18.73	16.95	0%	18.73	0.777	1/1/2033	19.50	2033
2/1/2033	18.73	16.97	0%	18.73	0.777	2/1/2033	19.50	2033
3/1/2033	18.73	16.99	0%	18.73	0.777	3/1/2033	19.50	2033
4/1/2033	18.73	17.01	0%	18.73	0.777	4/1/2033	19.50	2033
5/1/2033	18.73	17.04	0%	18.73	0.777	5/1/2033	19.50	2033
6/1/2033	18.73	17.06	0%	18.73	0.777	6/1/2033	19.50	2033
7/1/2033	18.73	16.98	0%	18.73	0.777	7/1/2033	19.50	2033
8/1/2033	18.73	16.98	0%	18.73	0.777	8/1/2033	19.50	2033
9/1/2033	18.73	17.69	0%	18.73	0.777	9/1/2033	19.50	2033
10/1/2033	18.73	17.36	0%	18.73	0.777	10/1/2033	19.50	2033
11/1/2033	18.73	17.07	0%	18.73	0.777	11/1/2033	19.50	2033
12/1/2033	18.73	17.10	0%	18.73	0.777	12/1/2033	19.50	2033
1/1/2034	19.16	17.29	0%	19.16	0.788	1/1/2034	19.95	2034
2/1/2034	19.16	17.31	0%	19.16	0.788	2/1/2034	19.95	2034
3/1/2034	19.16	17.33	0%	19.16	0.788	3/1/2034	19.95	2034
4/1/2034	19.16	17.36	0%	19.16	0.788	4/1/2034	19.95	2034
5/1/2034	19.16	17.38	0%	19.16	0.788	5/1/2034	19.95	2034
6/1/2034	19.16	17.40	0%	19.16	0.788	6/1/2034	19.95	2034
7/1/2034	19.16	17.32	0%	19.16	0.788	7/1/2034	19.95	2034
8/1/2034	19.16	17.32	0%	19.16	0.788	8/1/2034	19.95	2034
9/1/2034	19.16	18.05	0%	19.16	0.788	9/1/2034	19.95	2034
10/1/2034	19.16	17.71	0%	19.16	0.788	10/1/2034	19.95	2034
11/1/2034	19.16	17.41	0%	19.16	0.788	11/1/2034	19.95	2034
12/1/2034	19.16	17.44	0%	19.16	0.788	12/1/2034	19.95	2034
1/1/2035	19.60	17.63	0%	19.60	0.800	1/1/2035	20.40	2035
2/1/2035	19.60	17.66	0%	19.60	0.800	2/1/2035	20.40	2035
3/1/2035	19.60	17.68	0%	19.60	0.800	3/1/2035	20.40	2035
4/1/2035	19.60	17.70	0%	19.60	0.800	4/1/2035	20.40	2035
5/1/2035	19.60	17.73	0%	19.60	0.800	5/1/2035	20.40	2035
6/1/2035	19.60	17.75	0%	19.60	0.800	6/1/2035	20.40	2035
7/1/2035	19.60	17.67	0%	19.60	0.800	7/1/2035	20.40	2035
8/1/2035	19.60	17.67	0%	19.60	0.800	8/1/2035	20.40	2035
9/1/2035	19.60	18.41	0%	19.60	0.800	9/1/2035	20.40	2035
10/1/2035	19.60	18.06	0%	19.60	0.800	10/1/2035	20.40	2035
11/1/2035	19.60	17.76	0%	19.60	0.800	11/1/2035	20.40	2035
12/1/2035	19.60	17.79	0%	19.60	0.800	12/1/2035	20.40	2035
1/1/2036	20.05	17.99	0%	20.05	0.800	1/1/2036	20.85	2036
2/1/2036	20.05	18.01	0%	20.05	0.800	2/1/2036	20.85	2036
3/1/2036	20.05	18.03	0%	20.05	0.812	3/1/2036	20.86	2036
4/1/2036	20.05	18.06	0%	20.05	0.812	4/1/2036	20.86	2036
5/1/2036	20.05	18.08	0%	20.05	0.812	5/1/2036	20.86	2036
6/1/2036	20.05	18.10	0%	20.05	0.812	6/1/2036	20.86	2036
7/1/2036	20.05	18.02	0%	20.05	0.812	7/1/2036	20.86	2036
8/1/2036	20.05	18.02	0%	20.05	0.812	8/1/2036	20.86	2036
9/1/2036	20.05	18.78	0%	20.05	0.812	9/1/2036	20.86	2036

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10/1/2036	20.05	18.42	0%	20.05	0.812	10/1/2036	20.86	2036
11/1/2036	20.05	18.12	0%	20.05	0.812	11/1/2036	20.86	2036
12/1/2036	20.05	18.15	0%	20.05	0.812	12/1/2036	20.86	2036
1/1/2037	20.52	18.35	0%	20.52	0.812	1/1/2037	21.33	2037
2/1/2037	20.52	18.37	0%	20.52	0.812	2/1/2037	21.33	2037
3/1/2037	20.52	18.39	0%	20.52	0.824	3/1/2037	21.35	2037
4/1/2037	20.52	18.42	0%	20.52	0.824	4/1/2037	21.35	2037
5/1/2037	20.52	18.44	0%	20.52	0.824	5/1/2037	21.35	2037
6/1/2037	20.52	18.47	0%	20.52	0.824	6/1/2037	21.35	2037
7/1/2037	20.52	18.38	0%	20.52	0.824	7/1/2037	21.35	2037
8/1/2037	20.52	18.38	0%	20.52	0.824	8/1/2037	21.35	2037
9/1/2037	20.52	19.15	0%	20.52	0.824	9/1/2037	21.35	2037
10/1/2037	20.52	18.79	0%	20.52	0.824	10/1/2037	21.35	2037
11/1/2037	20.52	18.48	0%	20.52	0.824	11/1/2037	21.35	2037
12/1/2037	20.52	18.51	0%	20.52	0.824	12/1/2037	21.35	2037
1/1/2038	20.91	18.71	0%	20.91	0.824	1/1/2038	21.73	2038
2/1/2038	20.91	18.74	0%	20.91	0.824	2/1/2038	21.73	2038
3/1/2038	20.91	18.76	0%	20.91	0.837	3/1/2038	21.75	2038
4/1/2038	20.91	18.79	0%	20.91	0.837	4/1/2038	21.75	2038
5/1/2038	20.91	18.81	0%	20.91	0.837	5/1/2038	21.75	2038
6/1/2038	20.91	18.83	0%	20.91	0.837	6/1/2038	21.75	2038
7/1/2038	20.91	18.75	0%	20.91	0.837	7/1/2038	21.75	2038
8/1/2038	20.91	18.75	0%	20.91	0.837	8/1/2038	21.75	2038
9/1/2038	20.91	19.53	0%	20.91	0.837	9/1/2038	21.75	2038
10/1/2038	20.91	19.17	0%	20.91	0.837	10/1/2038	21.75	2038
11/1/2038	20.91	18.85	0%	20.91	0.837	11/1/2038	21.75	2038
12/1/2038	20.91	18.88	0%	20.91	0.837	12/1/2038	21.75	2038
1/1/2039	21.29	19.09	0%	21.29	0.837	1/1/2039	22.12	2039
2/1/2039	21.29	19.11	0%	21.29	0.837	2/1/2039	22.12	2039
3/1/2039	21.29	19.14	0%	21.29	0.849	3/1/2039	22.14	2039
4/1/2039	21.29	19.16	0%	21.29	0.849	4/1/2039	22.14	2039
5/1/2039	21.29	19.19	0%	21.29	0.849	5/1/2039	22.14	2039
6/1/2039	21.29	19.21	0%	21.29	0.849	6/1/2039	22.14	2039
7/1/2039	21.29	19.13	0%	21.29	0.849	7/1/2039	22.14	2039
8/1/2039	21.29	19.13	0%	21.29	0.849	8/1/2039	22.14	2039
9/1/2039	21.29	19.93	0%	21.29	0.849	9/1/2039	22.14	2039
10/1/2039	21.29	19.55	0%	21.29	0.849	10/1/2039	22.14	2039
11/1/2039	21.29	19.22	0%	21.29	0.849	11/1/2039	22.14	2039
12/1/2039	21.29	19.26	0%	21.29	0.849	12/1/2039	22.14	2039
1/1/2040	21.42	19.47	0%	21.42	0.849	1/1/2040	22.27	2040
2/1/2040	21.42	19.49	0%	21.42	0.849	2/1/2040	22.27	2040
3/1/2040	21.42	19.52	0%	21.42	0.862	3/1/2040	22.28	2040
4/1/2040	21.42	19.54	0%	21.42	0.862	4/1/2040	22.28	2040
5/1/2040	21.42	19.57	0%	21.42	0.862	5/1/2040	22.28	2040
6/1/2040	21.42	19.60	0%	21.42	0.862	6/1/2040	22.28	2040
7/1/2040	21.42	19.51	0%	21.42	0.862	7/1/2040	22.28	2040
8/1/2040	21.42	19.51	0%	21.42	0.862	8/1/2040	22.28	2040
9/1/2040	21.42	20.32	0%	21.42	0.862	9/1/2040	22.28	2040
10/1/2040	21.42	19.94	0%	21.42	0.862	10/1/2040	22.28	2040
11/1/2040	21.42	19.61	0%	21.42	0.862	11/1/2040	22.28	2040
12/1/2040	21.42	19.64	0%	21.42	0.862	12/1/2040	22.28	2040
1/1/2041	21.98	19.86	0%	21.98	0.862	1/1/2041	22.84	2041
2/1/2041	21.98	19.88	0%	21.98	0.862	2/1/2041	22.84	2041
3/1/2041	21.98	19.91	0%	21.98	0.875	3/1/2041	22.85	2041

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4/1/2041	21.98	19.94	0%	21.98	0.875	4/1/2041	22.85	2041
5/1/2041	21.98	19.96	0%	21.98	0.875	5/1/2041	22.85	2041
6/1/2041	21.98	19.99	0%	21.98	0.875	6/1/2041	22.85	2041
7/1/2041	21.98	19.90	0%	21.98	0.875	7/1/2041	22.85	2041
8/1/2041	21.98	19.90	0%	21.98	0.875	8/1/2041	22.85	2041
9/1/2041	21.98	20.73	0%	21.98	0.875	9/1/2041	22.85	2041
10/1/2041	21.98	20.34	0%	21.98	0.875	10/1/2041	22.85	2041
11/1/2041	21.98	20.00	0%	21.98	0.875	11/1/2041	22.85	2041
12/1/2041	21.98	20.04	0%	21.98	0.875	12/1/2041	22.85	2041
1/1/2042	22.55	20.25	0%	22.55	0.875	1/1/2042	23.43	2042
2/1/2042	22.55	20.28	0%	22.55	0.875	2/1/2042	23.43	2042
3/1/2042	22.55	20.31	0%	22.55	0.888	3/1/2042	23.44	2042
4/1/2042	22.55	20.33	0%	22.55	0.888	4/1/2042	23.44	2042
5/1/2042	22.55	20.36	0%	22.55	0.888	5/1/2042	23.44	2042
6/1/2042	22.55	20.39	0%	22.55	0.888	6/1/2042	23.44	2042
7/1/2042	22.55	20.30	0%	22.55	0.888	7/1/2042	23.44	2042
8/1/2042	22.55	20.30	0%	22.55	0.888	8/1/2042	23.44	2042
9/1/2042	22.55	21.14	0%	22.55	0.888	9/1/2042	23.44	2042
10/1/2042	22.55	20.75	0%	22.55	0.888	10/1/2042	23.44	2042
11/1/2042	22.55	20.40	0%	22.55	0.888	11/1/2042	23.44	2042
12/1/2042	22.55	20.44	0%	22.55	0.888	12/1/2042	23.44	2042
1/1/2043	22.74	20.66	0%	22.74	0.888	1/1/2043	23.63	2043
2/1/2043	22.74	20.69	0%	22.74	0.888	2/1/2043	23.63	2043
3/1/2043	22.74	20.71	0%	22.74	0.901	3/1/2043	23.64	2043
4/1/2043	22.74	20.74	0%	22.74	0.901	4/1/2043	23.64	2043
5/1/2043	22.74	20.77	0%	22.74	0.901	5/1/2043	23.64	2043
6/1/2043	22.74	20.80	0%	22.74	0.901	6/1/2043	23.64	2043
7/1/2043	22.74	20.70	0%	22.74	0.901	7/1/2043	23.64	2043
8/1/2043	22.74	20.70	0%	22.74	0.901	8/1/2043	23.64	2043
9/1/2043	22.74	21.57	0%	22.74	0.901	9/1/2043	23.64	2043
10/1/2043	22.74	21.16	0%	22.74	0.901	10/1/2043	23.64	2043
11/1/2043	22.74	20.81	0%	22.74	0.901	11/1/2043	23.64	2043
12/1/2043	22.74	20.85	0%	22.74	0.901	12/1/2043	23.64	2043
1/1/2044	23.33	21.07	0%	23.33	0.901	1/1/2044	24.23	2044
2/1/2044	23.33	21.10	0%	23.33	0.901	2/1/2044	24.23	2044
3/1/2044	23.33	21.13	0%	23.33	0.915	3/1/2044	24.25	2044
4/1/2044	23.33	21.16	0%	23.33	0.915	4/1/2044	24.25	2044
5/1/2044	23.33	21.18	0%	23.33	0.915	5/1/2044	24.25	2044
6/1/2044	23.33	21.21	0%	23.33	0.915	6/1/2044	24.25	2044
7/1/2044	23.33	21.12	0%	23.33	0.915	7/1/2044	24.25	2044
8/1/2044	23.33	21.12	0%	23.33	0.915	8/1/2044	24.25	2044
9/1/2044	23.33	22.00	0%	23.33	0.915	9/1/2044	24.25	2044
10/1/2044	23.33	21.59	0%	23.33	0.915	10/1/2044	24.25	2044
11/1/2044	23.33	21.22	0%	23.33	0.915	11/1/2044	24.25	2044
12/1/2044	23.33	21.26	0%	23.33	0.915	12/1/2044	24.25	2044
1/1/2045	23.52	21.49	0%	23.52	0.915	1/1/2045	24.43	2045
2/1/2045	23.52	21.52	0%	23.52	0.915	2/1/2045	24.43	2045
3/1/2045	23.52	21.55	0%	23.52	0.928	3/1/2045	24.45	2045
4/1/2045	23.52	21.58	0%	23.52	0.928	4/1/2045	24.45	2045
5/1/2045	23.52	21.61	0%	23.52	0.928	5/1/2045	24.45	2045
6/1/2045	23.52	21.64	0%	23.52	0.928	6/1/2045	24.45	2045
7/1/2045	23.52	21.54	0%	23.52	0.928	7/1/2045	24.45	2045
8/1/2045	23.52	21.54	0%	23.52	0.928	8/1/2045	24.45	2045
9/1/2045	23.52	22.44	0%	23.52	0.928	9/1/2045	24.45	2045

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10/1/2045	23.52	22.02	0%	23.52	0.928	10/1/2045	24.45	2045
11/1/2045	23.52	21.65	0%	23.52	0.928	11/1/2045	24.45	2045
12/1/2045	23.52	21.69	0%	23.52	0.928	12/1/2045	24.45	2045
1/1/2046	24.12	21.92	0%	24.12	0.928	1/1/2046	25.05	2046
2/1/2046	24.12	21.95	0%	24.12	0.928	2/1/2046	25.05	2046
3/1/2046	24.12	21.98	0%	24.12	0.942	3/1/2046	25.06	2046
4/1/2046	24.12	22.01	0%	24.12	0.942	4/1/2046	25.06	2046
5/1/2046	24.12	22.04	0%	24.12	0.942	5/1/2046	25.06	2046
6/1/2046	24.12	22.07	0%	24.12	0.942	6/1/2046	25.06	2046
7/1/2046	24.12	21.97	0%	24.12	0.942	7/1/2046	25.06	2046
8/1/2046	24.12	21.97	0%	24.12	0.942	8/1/2046	25.06	2046
9/1/2046	24.12	22.89	0%	24.12	0.942	9/1/2046	25.06	2046
10/1/2046	24.12	22.46	0%	24.12	0.942	10/1/2046	25.06	2046
11/1/2046	24.12	22.08	0%	24.12	0.942	11/1/2046	25.06	2046
12/1/2046	24.12	22.12	0%	24.12	0.942	12/1/2046	25.06	2046
1/1/2047	24.73	22.36	0%	24.73	0.942	1/1/2047	25.67	2047
2/1/2047	24.73	22.39	0%	24.73	0.942	2/1/2047	25.67	2047
3/1/2047	24.73	22.42	0%	24.73	0.956	3/1/2047	25.69	2047
4/1/2047	24.73	22.45	0%	24.73	0.956	4/1/2047	25.69	2047
5/1/2047	24.73	22.48	0%	24.73	0.956	5/1/2047	25.69	2047
6/1/2047	24.73	22.51	0%	24.73	0.956	6/1/2047	25.69	2047
7/1/2047	24.73	22.41	0%	24.73	0.956	7/1/2047	25.69	2047
8/1/2047	24.73	22.41	0%	24.73	0.956	8/1/2047	25.69	2047
9/1/2047	24.73	23.35	0%	24.73	0.956	9/1/2047	25.69	2047
10/1/2047	24.73	22.91	0%	24.73	0.956	10/1/2047	25.69	2047
11/1/2047	24.73	22.52	0%	24.73	0.956	11/1/2047	25.69	2047
12/1/2047	24.73	22.57	0%	24.73	0.956	12/1/2047	25.69	2047
1/1/2048	24.91	22.81	0%	24.91	0.956	1/1/2048	25.86	2048
2/1/2048	24.91	22.84	0%	24.91	0.956	2/1/2048	25.86	2048
3/1/2048	24.91	22.87	0%	24.91	0.971	3/1/2048	25.88	2048
4/1/2048	24.91	22.90	0%	24.91	0.971	4/1/2048	25.88	2048
5/1/2048	24.91	22.93	0%	24.91	0.971	5/1/2048	25.88	2048
6/1/2048	24.91	22.96	0%	24.91	0.971	6/1/2048	25.88	2048
7/1/2048	24.91	22.86	0%	24.91	0.971	7/1/2048	25.88	2048
8/1/2048	24.91	22.86	0%	24.91	0.971	8/1/2048	25.88	2048
9/1/2048	24.91	23.81	0%	24.91	0.971	9/1/2048	25.88	2048
10/1/2048	24.91	23.37	0%	24.91	0.971	10/1/2048	25.88	2048
11/1/2048	24.91	22.97	0%	24.91	0.971	11/1/2048	25.88	2048
12/1/2048	24.91	23.02	0%	24.91	0.971	12/1/2048	25.88	2048
1/1/2049	25.53	23.27	0%	25.53	0.971	1/1/2049	26.50	2049
2/1/2049	25.53	23.30	0%	25.53	0.971	2/1/2049	26.50	2049
3/1/2049	25.53	23.33	0%	25.53	0.985	3/1/2049	26.52	2049
4/1/2049	25.53	23.36	0%	25.53	0.985	4/1/2049	26.52	2049
5/1/2049	25.53	23.39	0%	25.53	0.985	5/1/2049	26.52	2049
6/1/2049	25.53	23.42	0%	25.53	0.985	6/1/2049	26.52	2049
7/1/2049	25.53	23.32	0%	25.53	0.985	7/1/2049	26.52	2049
8/1/2049	25.53	23.32	0%	25.53	0.985	8/1/2049	26.52	2049
9/1/2049	25.53	24.29	0%	25.53	0.985	9/1/2049	26.52	2049
10/1/2049	25.53	23.83	0%	25.53	0.985	10/1/2049	26.52	2049
11/1/2049	25.53	23.43	0%	25.53	0.985	11/1/2049	26.52	2049
12/1/2049	25.53	23.48	0%	25.53	0.985	12/1/2049	26.52	2049
1/1/2050	25.53	23.73	0%	25.53	0.985	1/1/2050	26.52	2050
2/1/2050	25.53	23.76	0%	25.53	0.985	2/1/2050	26.52	2050
3/1/2050	25.53	23.79	0%	25.53	1.000	3/1/2050	26.53	2050

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4/1/2050	25.53	23.83	0%	25.53	1.000	4/1/2050	26.53	2050
5/1/2050	25.53	23.86	0%	25.53	1.000	5/1/2050	26.53	2050
6/1/2050	25.53	23.89	0%	25.53	1.000	6/1/2050	26.53	2050
7/1/2050	25.53	23.78	0%	25.53	1.000	7/1/2050	26.53	2050
8/1/2050	25.53	23.78	0%	25.53	1.000	8/1/2050	26.53	2050
9/1/2050	25.53	24.77	0%	25.53	1.000	9/1/2050	26.53	2050
10/1/2050	25.53	24.31	0%	25.53	1.000	10/1/2050	26.53	2050
11/1/2050	25.53	23.90	0%	25.53	1.000	11/1/2050	26.53	2050
12/1/2050	25.53	23.95	0%	25.53	1.000	12/1/2050	26.53	2050

Debary

PETROLEUM PRODUCT PRICE FORECAST DATA

PROSYM INPUT

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Date	Petroleum Product Price Forecast - Gulf Coast	TCM	Blend TCM/ Fundamental (%)	Blend TCM/ Fundamental ($)	Debary Transport ($/MMBtu)
1/1/2019	14.62	12.93	100%	12.93	.
2/1/2019	14.62	13.87	100%	13.87	0.693
3/1/2019	14.62	13.78	100%	13.78	0.693
4/1/2019	14.62	14.33	100%	14.33	.
5/1/2019	14.62	14.29	100%	14.29	0.693
6/1/2019	14.62	13.17	100%	13.17	0.693
7/1/2019	14.62	13.86	100%	13.86	0.693
8/1/2019	14.62	13.04	100%	13.04	0.693
9/1/2019	14.62	13.58	100%	13.58	0.693
10/1/2019	14.62	13.31	100%	13.31	0.693
11/1/2019	14.62	13.08	100%	13.08	0.693
12/1/2019	14.62	13.09	100%	13.09	0.693
1/1/2020	13.66	13.80	100%	13.80	0.703
2/1/2020	13.66	14.09	100%	14.09	0.703
3/1/2020	13.66	14.60	100%	14.60	0.703
4/1/2020	13.66	14.42	100%	14.42	0.703
5/1/2020	13.66	13.11	100%	13.11	0.703
6/1/2020	13.66	13.60	100%	13.60	0.703
7/1/2020	13.66	12.98	100%	12.98	0.703
8/1/2020	13.66	13.82	100%	13.82	0.703
9/1/2020	13.66	13.64	100%	13.64	0.703
10/1/2020	13.66	13.38	100%	13.38	0.703
11/1/2020	13.66	13.16	100%	13.16	0.703
12/1/2020	13.66	13.18	100%	13.18	0.703
1/1/2021	13.38	13.24	100%	13.24	0.714
2/1/2021	13.38	13.26	100%	13.26	0.714
3/1/2021	13.38	13.28	100%	13.28	0.714
4/1/2021	13.38	13.30	100%	13.30	0.714
5/1/2021	13.38	13.31	100%	13.31	0.714
6/1/2021	13.38	13.33	100%	13.33	0.714
7/1/2021	13.38	13.33	100%	13.33	0.714
8/1/2021	13.38	13.33	100%	13.33	0.714
9/1/2021	13.38	13.89	100%	13.89	0.714
10/1/2021	13.38	13.63	100%	13.63	0.714
11/1/2021	13.38	13.40	100%	13.40	0.714
12/1/2021	13.38	13.42	100%	13.42	0.714
1/1/2022	13.44	13.57	96%	13.57	0.724
2/1/2022	13.44	13.59	92%	13.58	0.724
3/1/2022	13.44	13.61	88%	13.59	0.724
4/1/2022	13.44	13.62	84%	13.60	0.724
5/1/2022	13.44	13.64	80%	13.60	0.724
6/1/2022	13.44	13.66	76%	13.61	0.724
7/1/2022	13.44	13.66	72%	13.60	0.724
8/1/2022	13.44	13.66	68%	13.59	0.724
9/1/2022	13.44	14.23	64%	13.95	0.724
10/1/2022	13.44	13.96	60%	13.76	0.724
11/1/2022	13.44	13.73	56%	13.60	0.724
12/1/2022	13.44	13.75	52%	13.60	0.724
1/1/2023	13.75	13.90	48%	13.82	0.735
2/1/2023	13.75	13.92	44%	13.83	0.735
3/1/2023	13.75	13.94	40%	13.83	0.735
4/1/2023	13.75	13.96	36%	13.82	0.735
5/1/2023	13.75	13.98	32%	13.82	0.735
6/1/2023	13.75	13.99	28%	13.82	0.735
7/1/2023	13.75	13.93	24%	13.79	0.735
8/1/2023	13.75	13.93	20%	13.79	0.735
9/1/2023	13.75	14.51	16%	13.87	0.735
10/1/2023	13.75	14.24	12%	13.81	0.735
11/1/2023	13.75	14.00	8%	13.77	0.735
12/1/2023	13.75	14.03	4%	13.76	0.735
1/1/2024	14.08	14.18	0%	14.08	0.746
2/1/2024	14.08	14.20	0%	14.08	0.746
3/1/2024	14.08	14.22	0%	14.08	0.746
4/1/2024	14.08	14.24	0%	14.08	0.746
5/1/2024	14.08	14.26	0%	14.08	0.746

Date	nomianl$/MMBtu
1/1/2019	12.93
2/1/2019	14.56
3/1/2019	14.48
4/1/2019	14.33
5/1/2019	14.98
6/1/2019	13.86
7/1/2019	14.56
8/1/2019	13.74
9/1/2019	14.27
10/1/2019	14.00
11/1/2019	13.77
12/1/2019	13.78
1/1/2020	14.51
2/1/2020	14.80
3/1/2020	15.30
4/1/2020	15.13
5/1/2020	13.81
6/1/2020	14.30
7/1/2020	13.69
8/1/2020	14.52
9/1/2020	14.34
10/1/2020	14.08
11/1/2020	13.86
12/1/2020	13.88
1/1/2021	13.96
2/1/2021	13.98
3/1/2021	13.99
4/1/2021	14.01
5/1/2021	14.03
6/1/2021	14.05
7/1/2021	14.05
8/1/2021	14.05
9/1/2021	14.60
10/1/2021	14.34
11/1/2021	14.11
12/1/2021	14.14
1/1/2022	14.29
2/1/2022	14.30
3/1/2022	14.31
4/1/2022	14.32
5/1/2022	14.33
6/1/2022	14.33
7/1/2022	14.32
8/1/2022	14.31
9/1/2022	14.67
10/1/2022	14.48
11/1/2022	14.33
12/1/2022	14.33
1/1/2023	14.56
2/1/2023	14.56
3/1/2023	14.56
4/1/2023	14.56
5/1/2023	14.56
6/1/2023	14.55
7/1/2023	14.53
8/1/2023	14.52
9/1/2023	14.61
10/1/2023	14.54
11/1/2023	14.50
12/1/2023	14.50
1/1/2024	14.83
2/1/2024	14.83
3/1/2024	14.83
4/1/2024	14.83
5/1/2024	14.83

ANNUAL AVERAGE

		Debary
2019	2019	14.10
2019	2020	14.35
2019	2021	14.11
2019	2022	14.36
2019	2023	14.55
2019	2024	14.83
2019	2025	15.19
2019	2026	15.76
2019	2027	16.42
2019	2028	17.18
2019	2029	17.87
2019	2030	18.31
2020	2031	18.72
2020	2032	19.14
2020	2033	19.58
2020	2034	20.02
2020	2035	20.48
2020	2036	20.94
2020	2037	21.42
2020	2038	21.83
2020	2039	22.22
2020	2040	22.37
2020	2041	22.94
2020	2042	23.52
2021	2043	23.73
2021	2044	24.33
2021	2045	24.53
2021	2046	25.15
2021	2047	25.78
2021	2048	25.97
2021	2049	26.61
2021	2050	26.63

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6/1/2024	14.08	14.27	0%	14.08	0.746	6/1/2024	14.83	2024
7/1/2024	14.08	14.21	0%	14.08	0.746	7/1/2024	14.83	2024
8/1/2024	14.08	14.21	0%	14.08	0.746	8/1/2024	14.83	2024
9/1/2024	14.08	14.80	0%	14.08	0.746	9/1/2024	14.83	2024
10/1/2024	14.08	14.53	0%	14.08	0.746	10/1/2024	14.83	2024
11/1/2024	14.08	14.28	0%	14.08	0.746	11/1/2024	14.83	2024
12/1/2024	14.08	14.31	0%	14.08	0.746	12/1/2024	14.83	2024
1/1/2025	14.43	14.47	0%	14.43	0.757	1/1/2025	15.19	2025
2/1/2025	14.43	14.48	0%	14.43	0.757	2/1/2025	15.19	2025
3/1/2025	14.43	14.50	0%	14.43	0.757	3/1/2025	15.19	2025
4/1/2025	14.43	14.52	0%	14.43	0.757	4/1/2025	15.19	2025
5/1/2025	14.43	14.54	0%	14.43	0.757	5/1/2025	15.19	2025
6/1/2025	14.43	14.56	0%	14.43	0.757	6/1/2025	15.19	2025
7/1/2025	14.43	14.50	0%	14.43	0.757	7/1/2025	15.19	2025
8/1/2025	14.43	14.50	0%	14.43	0.757	8/1/2025	15.19	2025
9/1/2025	14.43	15.10	0%	14.43	0.757	9/1/2025	15.19	2025
10/1/2025	14.43	14.82	0%	14.43	0.757	10/1/2025	15.19	2025
11/1/2025	14.43	14.57	0%	14.43	0.757	11/1/2025	15.19	2025
12/1/2025	14.43	14.60	0%	14.43	0.757	12/1/2025	15.19	2025
1/1/2026	15.00	14.75	0%	15.00	0.769	1/1/2026	15.76	2026
2/1/2026	15.00	14.77	0%	15.00	0.769	2/1/2026	15.76	2026
3/1/2026	15.00	14.79	0%	15.00	0.769	3/1/2026	15.76	2026
4/1/2026	15.00	14.81	0%	15.00	0.769	4/1/2026	15.76	2026
5/1/2026	15.00	14.83	0%	15.00	0.769	5/1/2026	15.76	2026
6/1/2026	15.00	14.85	0%	15.00	0.769	6/1/2026	15.76	2026
7/1/2026	15.00	14.79	0%	15.00	0.769	7/1/2026	15.76	2026
8/1/2026	15.00	14.79	0%	15.00	0.769	8/1/2026	15.76	2026
9/1/2026	15.00	15.40	0%	15.00	0.769	9/1/2026	15.76	2026
10/1/2026	15.00	15.11	0%	15.00	0.769	10/1/2026	15.76	2026
11/1/2026	15.00	14.86	0%	15.00	0.769	11/1/2026	15.76	2026
12/1/2026	15.00	14.89	0%	15.00	0.769	12/1/2026	15.76	2026
1/1/2027	15.64	15.05	0%	15.64	0.780	1/1/2027	16.42	2027
2/1/2027	15.64	15.07	0%	15.64	0.780	2/1/2027	16.42	2027
3/1/2027	15.64	15.09	0%	15.64	0.780	3/1/2027	16.42	2027
4/1/2027	15.64	15.11	0%	15.64	0.780	4/1/2027	16.42	2027
5/1/2027	15.64	15.13	0%	15.64	0.780	5/1/2027	16.42	2027
6/1/2027	15.64	15.15	0%	15.64	0.780	6/1/2027	16.42	2027
7/1/2027	15.64	15.08	0%	15.64	0.780	7/1/2027	16.42	2027
8/1/2027	15.64	15.08	0%	15.64	0.780	8/1/2027	16.42	2027
9/1/2027	15.64	15.71	0%	15.64	0.780	9/1/2027	16.42	2027
10/1/2027	15.64	15.42	0%	15.64	0.780	10/1/2027	16.42	2027
11/1/2027	15.64	15.16	0%	15.64	0.780	11/1/2027	16.42	2027
12/1/2027	15.64	15.19	0%	15.64	0.780	12/1/2027	16.42	2027
1/1/2028	16.39	15.35	0%	16.39	0.792	1/1/2028	17.18	2028
2/1/2028	16.39	15.37	0%	16.39	0.792	2/1/2028	17.18	2028
3/1/2028	16.39	15.39	0%	16.39	0.792	3/1/2028	17.18	2028
4/1/2028	16.39	15.41	0%	16.39	0.792	4/1/2028	17.18	2028
5/1/2028	16.39	15.43	0%	16.39	0.792	5/1/2028	17.18	2028
6/1/2028	16.39	15.45	0%	16.39	0.792	6/1/2028	17.18	2028
7/1/2028	16.39	15.38	0%	16.39	0.792	7/1/2028	17.18	2028
8/1/2028	16.39	15.38	0%	16.39	0.792	8/1/2028	17.18	2028
9/1/2028	16.39	16.03	0%	16.39	0.792	9/1/2028	17.18	2028
10/1/2028	16.39	15.73	0%	16.39	0.792	10/1/2028	17.18	2028
11/1/2028	16.39	15.46	0%	16.39	0.792	11/1/2028	17.18	2028
12/1/2028	16.39	15.49	0%	16.39	0.792	12/1/2028	17.18	2028
1/1/2029	17.07	15.66	0%	17.07	0.804	1/1/2029	17.87	2029
2/1/2029	17.07	15.68	0%	17.07	0.804	2/1/2029	17.87	2029
3/1/2029	17.07	15.70	0%	17.07	0.804	3/1/2029	17.87	2029
4/1/2029	17.07	15.72	0%	17.07	0.804	4/1/2029	17.87	2029
5/1/2029	17.07	15.74	0%	17.07	0.804	5/1/2029	17.87	2029
6/1/2029	17.07	15.76	0%	17.07	0.804	6/1/2029	17.87	2029
7/1/2029	17.07	15.69	0%	17.07	0.804	7/1/2029	17.87	2029
8/1/2029	17.07	15.69	0%	17.07	0.804	8/1/2029	17.87	2029
9/1/2029	17.07	16.35	0%	17.07	0.804	9/1/2029	17.87	2029
10/1/2029	17.07	16.04	0%	17.07	0.804	10/1/2029	17.87	2029
11/1/2029	17.07	15.77	0%	17.07	0.804	11/1/2029	17.87	2029
12/1/2029	17.07	15.80	0%	17.07	0.804	12/1/2029	17.87	2029
1/1/2030	17.50	15.97	0%	17.50	0.816	1/1/2030	18.31	2030
2/1/2030	17.50	15.99	0%	17.50	0.816	2/1/2030	18.31	2030
3/1/2030	17.50	16.01	0%	17.50	0.816	3/1/2030	18.31	2030
4/1/2030	17.50	16.03	0%	17.50	0.816	4/1/2030	18.31	2030

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5/1/2030	17.50	16.05	0%	17.50	0.816	5/1/2030	18.31	2030
6/1/2030	17.50	16.08	0%	17.50	0.816	6/1/2030	18.31	2030
7/1/2030	17.50	16.00	0%	17.50	0.816	7/1/2030	18.31	2030
8/1/2030	17.50	16.00	0%	17.50	0.816	8/1/2030	18.31	2030
9/1/2030	17.50	16.67	0%	17.50	0.816	9/1/2030	18.31	2030
10/1/2030	17.50	16.36	0%	17.50	0.816	10/1/2030	18.31	2030
11/1/2030	17.50	16.09	0%	17.50	0.816	11/1/2030	18.31	2030
12/1/2030	17.50	16.12	0%	17.50	0.816	12/1/2030	18.31	2030
1/1/2031	17.89	16.29	0%	17.89	0.828	1/1/2031	18.72	2031
2/1/2031	17.89	16.31	0%	17.89	0.828	2/1/2031	18.72	2031
3/1/2031	17.89	16.33	0%	17.89	0.828	3/1/2031	18.72	2031
4/1/2031	17.89	16.35	0%	17.89	0.828	4/1/2031	18.72	2031
5/1/2031	17.89	16.38	0%	17.89	0.828	5/1/2031	18.72	2031
6/1/2031	17.89	16.40	0%	17.89	0.828	6/1/2031	18.72	2031
7/1/2031	17.89	16.32	0%	17.89	0.828	7/1/2031	18.72	2031
8/1/2031	17.89	16.32	0%	17.89	0.828	8/1/2031	18.72	2031
9/1/2031	17.89	17.01	0%	17.89	0.828	9/1/2031	18.72	2031
10/1/2031	17.89	16.69	0%	17.89	0.828	10/1/2031	18.72	2031
11/1/2031	17.89	16.41	0%	17.89	0.828	11/1/2031	18.72	2031
12/1/2031	17.89	16.44	0%	17.89	0.828	12/1/2031	18.72	2031
1/1/2032	18.30	16.62	0%	18.30	0.841	1/1/2032	19.14	2032
2/1/2032	18.30	16.64	0%	18.30	0.841	2/1/2032	19.14	2032
3/1/2032	18.30	16.66	0%	18.30	0.841	3/1/2032	19.14	2032
4/1/2032	18.30	16.68	0%	18.30	0.841	4/1/2032	19.14	2032
5/1/2032	18.30	16.70	0%	18.30	0.841	5/1/2032	19.14	2032
6/1/2032	18.30	16.72	0%	18.30	0.841	6/1/2032	19.14	2032
7/1/2032	18.30	16.65	0%	18.30	0.841	7/1/2032	19.14	2032
8/1/2032	18.30	16.65	0%	18.30	0.841	8/1/2032	19.14	2032
9/1/2032	18.30	17.35	0%	18.30	0.841	9/1/2032	19.14	2032
10/1/2032	18.30	17.02	0%	18.30	0.841	10/1/2032	19.14	2032
11/1/2032	18.30	16.74	0%	18.30	0.841	11/1/2032	19.14	2032
12/1/2032	18.30	16.77	0%	18.30	0.841	12/1/2032	19.14	2032
1/1/2033	18.73	16.95	0%	18.73	0.853	1/1/2033	19.58	2033
2/1/2033	18.73	16.97	0%	18.73	0.853	2/1/2033	19.58	2033
3/1/2033	18.73	16.99	0%	18.73	0.853	3/1/2033	19.58	2033
4/1/2033	18.73	17.01	0%	18.73	0.853	4/1/2033	19.58	2033
5/1/2033	18.73	17.04	0%	18.73	0.853	5/1/2033	19.58	2033
6/1/2033	18.73	17.06	0%	18.73	0.853	6/1/2033	19.58	2033
7/1/2033	18.73	16.98	0%	18.73	0.853	7/1/2033	19.58	2033
8/1/2033	18.73	16.98	0%	18.73	0.853	8/1/2033	19.58	2033
9/1/2033	18.73	17.69	0%	18.73	0.853	9/1/2033	19.58	2033
10/1/2033	18.73	17.36	0%	18.73	0.853	10/1/2033	19.58	2033
11/1/2033	18.73	17.07	0%	18.73	0.853	11/1/2033	19.58	2033
12/1/2033	18.73	17.10	0%	18.73	0.853	12/1/2033	19.58	2033
1/1/2034	19.16	17.29	0%	19.16	0.866	1/1/2034	20.02	2034
2/1/2034	19.16	17.31	0%	19.16	0.866	2/1/2034	20.02	2034
3/1/2034	19.16	17.33	0%	19.16	0.866	3/1/2034	20.02	2034
4/1/2034	19.16	17.36	0%	19.16	0.866	4/1/2034	20.02	2034
5/1/2034	19.16	17.38	0%	19.16	0.866	5/1/2034	20.02	2034
6/1/2034	19.16	17.40	0%	19.16	0.866	6/1/2034	20.02	2034
7/1/2034	19.16	17.32	0%	19.16	0.866	7/1/2034	20.02	2034
8/1/2034	19.16	17.32	0%	19.16	0.866	8/1/2034	20.02	2034
9/1/2034	19.16	18.05	0%	19.16	0.866	9/1/2034	20.02	2034
10/1/2034	19.16	17.71	0%	19.16	0.866	10/1/2034	20.02	2034
11/1/2034	19.16	17.41	0%	19.16	0.866	11/1/2034	20.02	2034
12/1/2034	19.16	17.44	0%	19.16	0.866	12/1/2034	20.02	2034
1/1/2035	19.60	17.63	0%	19.60	0.879	1/1/2035	20.48	2035
2/1/2035	19.60	17.66	0%	19.60	0.879	2/1/2035	20.48	2035
3/1/2035	19.60	17.68	0%	19.60	0.879	3/1/2035	20.48	2035
4/1/2035	19.60	17.70	0%	19.60	0.879	4/1/2035	20.48	2035
5/1/2035	19.60	17.73	0%	19.60	0.879	5/1/2035	20.48	2035
6/1/2035	19.60	17.75	0%	19.60	0.879	6/1/2035	20.48	2035
7/1/2035	19.60	17.67	0%	19.60	0.879	7/1/2035	20.48	2035
8/1/2035	19.60	17.67	0%	19.60	0.879	8/1/2035	20.48	2035
9/1/2035	19.60	18.41	0%	19.60	0.879	9/1/2035	20.48	2035
10/1/2035	19.60	18.06	0%	19.60	0.879	10/1/2035	20.48	2035
11/1/2035	19.60	17.76	0%	19.60	0.879	11/1/2035	20.48	2035
12/1/2035	19.60	17.79	0%	19.60	0.879	12/1/2035	20.48	2035
1/1/2036	20.05	17.99	0%	20.05	0.879	1/1/2036	20.93	2036
2/1/2036	20.05	18.01	0%	20.05	0.879	2/1/2036	20.93	2036
3/1/2036	20.05	18.03	0%	20.05	0.892	3/1/2036	20.94	2036

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4/1/2036	20.05	18.06	0%	20.05	0.892	4/1/2036	20.94	2036
5/1/2036	20.05	18.08	0%	20.05	0.892	5/1/2036	20.94	2036
6/1/2036	20.05	18.10	0%	20.05	0.892	6/1/2036	20.94	2036
7/1/2036	20.05	18.02	0%	20.05	0.892	7/1/2036	20.94	2036
8/1/2036	20.05	18.02	0%	20.05	0.892	8/1/2036	20.94	2036
9/1/2036	20.05	18.78	0%	20.05	0.892	9/1/2036	20.94	2036
10/1/2036	20.05	18.42	0%	20.05	0.892	10/1/2036	20.94	2036
11/1/2036	20.05	18.12	0%	20.05	0.892	11/1/2036	20.94	2036
12/1/2036	20.05	18.15	0%	20.05	0.892	12/1/2036	20.94	2036
1/1/2037	20.52	18.35	0%	20.52	0.892	1/1/2037	21.41	2037
2/1/2037	20.52	18.37	0%	20.52	0.892	2/1/2037	21.41	2037
3/1/2037	20.52	18.39	0%	20.52	0.906	3/1/2037	21.43	2037
4/1/2037	20.52	18.42	0%	20.52	0.906	4/1/2037	21.43	2037
5/1/2037	20.52	18.44	0%	20.52	0.906	5/1/2037	21.43	2037
6/1/2037	20.52	18.47	0%	20.52	0.906	6/1/2037	21.43	2037
7/1/2037	20.52	18.38	0%	20.52	0.906	7/1/2037	21.43	2037
8/1/2037	20.52	18.38	0%	20.52	0.906	8/1/2037	21.43	2037
9/1/2037	20.52	19.15	0%	20.52	0.906	9/1/2037	21.43	2037
10/1/2037	20.52	18.79	0%	20.52	0.906	10/1/2037	21.43	2037
11/1/2037	20.52	18.48	0%	20.52	0.906	11/1/2037	21.43	2037
12/1/2037	20.52	18.51	0%	20.52	0.906	12/1/2037	21.43	2037
1/1/2038	20.91	18.71	0%	20.91	0.906	1/1/2038	21.81	2038
2/1/2038	20.91	18.74	0%	20.91	0.906	2/1/2038	21.81	2038
3/1/2038	20.91	18.76	0%	20.91	0.919	3/1/2038	21.83	2038
4/1/2038	20.91	18.79	0%	20.91	0.919	4/1/2038	21.83	2038
5/1/2038	20.91	18.81	0%	20.91	0.919	5/1/2038	21.83	2038
6/1/2038	20.91	18.83	0%	20.91	0.919	6/1/2038	21.83	2038
7/1/2038	20.91	18.75	0%	20.91	0.919	7/1/2038	21.83	2038
8/1/2038	20.91	18.75	0%	20.91	0.919	8/1/2038	21.83	2038
9/1/2038	20.91	19.53	0%	20.91	0.919	9/1/2038	21.83	2038
10/1/2038	20.91	19.17	0%	20.91	0.919	10/1/2038	21.83	2038
11/1/2038	20.91	18.85	0%	20.91	0.919	11/1/2038	21.83	2038
12/1/2038	20.91	18.88	0%	20.91	0.919	12/1/2038	21.83	2038
1/1/2039	21.29	19.09	0%	21.29	0.919	1/1/2039	22.21	2039
2/1/2039	21.29	19.11	0%	21.29	0.919	2/1/2039	22.21	2039
3/1/2039	21.29	19.14	0%	21.29	0.933	3/1/2039	22.22	2039
4/1/2039	21.29	19.16	0%	21.29	0.933	4/1/2039	22.22	2039
5/1/2039	21.29	19.19	0%	21.29	0.933	5/1/2039	22.22	2039
6/1/2039	21.29	19.21	0%	21.29	0.933	6/1/2039	22.22	2039
7/1/2039	21.29	19.13	0%	21.29	0.933	7/1/2039	22.22	2039
8/1/2039	21.29	19.13	0%	21.29	0.933	8/1/2039	22.22	2039
9/1/2039	21.29	19.93	0%	21.29	0.933	9/1/2039	22.22	2039
10/1/2039	21.29	19.55	0%	21.29	0.933	10/1/2039	22.22	2039
11/1/2039	21.29	19.22	0%	21.29	0.933	11/1/2039	22.22	2039
12/1/2039	21.29	19.26	0%	21.29	0.933	12/1/2039	22.22	2039
1/1/2040	21.42	19.47	0%	21.42	0.933	1/1/2040	22.35	2040
2/1/2040	21.42	19.49	0%	21.42	0.933	2/1/2040	22.35	2040
3/1/2040	21.42	19.52	0%	21.42	0.947	3/1/2040	22.37	2040
4/1/2040	21.42	19.54	0%	21.42	0.947	4/1/2040	22.37	2040
5/1/2040	21.42	19.57	0%	21.42	0.947	5/1/2040	22.37	2040
6/1/2040	21.42	19.60	0%	21.42	0.947	6/1/2040	22.37	2040
7/1/2040	21.42	19.51	0%	21.42	0.947	7/1/2040	22.37	2040
8/1/2040	21.42	19.51	0%	21.42	0.947	8/1/2040	22.37	2040
9/1/2040	21.42	20.32	0%	21.42	0.947	9/1/2040	22.37	2040
10/1/2040	21.42	19.94	0%	21.42	0.947	10/1/2040	22.37	2040
11/1/2040	21.42	19.61	0%	21.42	0.947	11/1/2040	22.37	2040
12/1/2040	21.42	19.64	0%	21.42	0.947	12/1/2040	22.37	2040
1/1/2041	21.98	19.86	0%	21.98	0.947	1/1/2041	22.92	2041
2/1/2041	21.98	19.88	0%	21.98	0.947	2/1/2041	22.92	2041
3/1/2041	21.98	19.91	0%	21.98	0.961	3/1/2041	22.94	2041
4/1/2041	21.98	19.94	0%	21.98	0.961	4/1/2041	22.94	2041
5/1/2041	21.98	19.96	0%	21.98	0.961	5/1/2041	22.94	2041
6/1/2041	21.98	19.99	0%	21.98	0.961	6/1/2041	22.94	2041
7/1/2041	21.98	19.90	0%	21.98	0.961	7/1/2041	22.94	2041
8/1/2041	21.98	19.90	0%	21.98	0.961	8/1/2041	22.94	2041
9/1/2041	21.98	20.73	0%	21.98	0.961	9/1/2041	22.94	2041
10/1/2041	21.98	20.34	0%	21.98	0.961	10/1/2041	22.94	2041
11/1/2041	21.98	20.00	0%	21.98	0.961	11/1/2041	22.94	2041
12/1/2041	21.98	20.04	0%	21.98	0.961	12/1/2041	22.94	2041
1/1/2042	22.55	20.25	0%	22.55	0.961	1/1/2042	23.51	2042
2/1/2042	22.55	20.28	0%	22.55	0.961	2/1/2042	23.51	2042

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3/1/2042	22.55	20.31	0%	22.55	0.976	3/1/2042	23.53	2042
4/1/2042	22.55	20.33	0%	22.55	0.976	4/1/2042	23.53	2042
5/1/2042	22.55	20.36	0%	22.55	0.976	5/1/2042	23.53	2042
6/1/2042	22.55	20.39	0%	22.55	0.976	6/1/2042	23.53	2042
7/1/2042	22.55	20.30	0%	22.55	0.976	7/1/2042	23.53	2042
8/1/2042	22.55	20.30	0%	22.55	0.976	8/1/2042	23.53	2042
9/1/2042	22.55	21.14	0%	22.55	0.976	9/1/2042	23.53	2042
10/1/2042	22.55	20.75	0%	22.55	0.976	10/1/2042	23.53	2042
11/1/2042	22.55	20.40	0%	22.55	0.976	11/1/2042	23.53	2042
12/1/2042	22.55	20.44	0%	22.55	0.976	12/1/2042	23.53	2042
1/1/2043	22.74	20.66	0%	22.74	0.976	1/1/2043	23.71	2043
2/1/2043	22.74	20.69	0%	22.74	0.976	2/1/2043	23.71	2043
3/1/2043	22.74	20.71	0%	22.74	0.990	3/1/2043	23.73	2043
4/1/2043	22.74	20.74	0%	22.74	0.990	4/1/2043	23.73	2043
5/1/2043	22.74	20.77	0%	22.74	0.990	5/1/2043	23.73	2043
6/1/2043	22.74	20.80	0%	22.74	0.990	6/1/2043	23.73	2043
7/1/2043	22.74	20.70	0%	22.74	0.990	7/1/2043	23.73	2043
8/1/2043	22.74	20.70	0%	22.74	0.990	8/1/2043	23.73	2043
9/1/2043	22.74	21.57	0%	22.74	0.990	9/1/2043	23.73	2043
10/1/2043	22.74	21.16	0%	22.74	0.990	10/1/2043	23.73	2043
11/1/2043	22.74	20.81	0%	22.74	0.990	11/1/2043	23.73	2043
12/1/2043	22.74	20.85	0%	22.74	0.990	12/1/2043	23.73	2043
1/1/2044	23.33	21.07	0%	23.33	0.990	1/1/2044	24.32	2044
2/1/2044	23.33	21.10	0%	23.33	0.990	2/1/2044	24.32	2044
3/1/2044	23.33	21.13	0%	23.33	1.005	3/1/2044	24.34	2044
4/1/2044	23.33	21.16	0%	23.33	1.005	4/1/2044	24.34	2044
5/1/2044	23.33	21.18	0%	23.33	1.005	5/1/2044	24.34	2044
6/1/2044	23.33	21.21	0%	23.33	1.005	6/1/2044	24.34	2044
7/1/2044	23.33	21.12	0%	23.33	1.005	7/1/2044	24.34	2044
8/1/2044	23.33	21.12	0%	23.33	1.005	8/1/2044	24.34	2044
9/1/2044	23.33	22.00	0%	23.33	1.005	9/1/2044	24.34	2044
10/1/2044	23.33	21.59	0%	23.33	1.005	10/1/2044	24.34	2044
11/1/2044	23.33	21.22	0%	23.33	1.005	11/1/2044	24.34	2044
12/1/2044	23.33	21.26	0%	23.33	1.005	12/1/2044	24.34	2044
1/1/2045	23.52	21.49	0%	23.52	1.005	1/1/2045	24.52	2045
2/1/2045	23.52	21.52	0%	23.52	1.005	2/1/2045	24.52	2045
3/1/2045	23.52	21.55	0%	23.52	1.020	3/1/2045	24.54	2045
4/1/2045	23.52	21.58	0%	23.52	1.020	4/1/2045	24.54	2045
5/1/2045	23.52	21.61	0%	23.52	1.020	5/1/2045	24.54	2045
6/1/2045	23.52	21.64	0%	23.52	1.020	6/1/2045	24.54	2045
7/1/2045	23.52	21.54	0%	23.52	1.020	7/1/2045	24.54	2045
8/1/2045	23.52	21.54	0%	23.52	1.020	8/1/2045	24.54	2045
9/1/2045	23.52	22.44	0%	23.52	1.020	9/1/2045	24.54	2045
10/1/2045	23.52	22.02	0%	23.52	1.020	10/1/2045	24.54	2045
11/1/2045	23.52	21.65	0%	23.52	1.020	11/1/2045	24.54	2045
12/1/2045	23.52	21.69	0%	23.52	1.020	12/1/2045	24.54	2045
1/1/2046	24.12	21.92	0%	24.12	1.020	1/1/2046	25.14	2046
2/1/2046	24.12	21.95	0%	24.12	1.020	2/1/2046	25.14	2046
3/1/2046	24.12	21.98	0%	24.12	1.035	3/1/2046	25.15	2046
4/1/2046	24.12	22.01	0%	24.12	1.035	4/1/2046	25.15	2046
5/1/2046	24.12	22.04	0%	24.12	1.035	5/1/2046	25.15	2046
6/1/2046	24.12	22.07	0%	24.12	1.035	6/1/2046	25.15	2046
7/1/2046	24.12	21.97	0%	24.12	1.035	7/1/2046	25.15	2046
8/1/2046	24.12	21.97	0%	24.12	1.035	8/1/2046	25.15	2046
9/1/2046	24.12	22.89	0%	24.12	1.035	9/1/2046	25.15	2046
10/1/2046	24.12	22.46	0%	24.12	1.035	10/1/2046	25.15	2046
11/1/2046	24.12	22.08	0%	24.12	1.035	11/1/2046	25.15	2046
12/1/2046	24.12	22.12	0%	24.12	1.035	12/1/2046	25.15	2046
1/1/2047	24.73	22.36	0%	24.73	1.035	1/1/2047	25.76	2047
2/1/2047	24.73	22.39	0%	24.73	1.035	2/1/2047	25.76	2047
3/1/2047	24.73	22.42	0%	24.73	1.051	3/1/2047	25.78	2047
4/1/2047	24.73	22.45	0%	24.73	1.051	4/1/2047	25.78	2047
5/1/2047	24.73	22.48	0%	24.73	1.051	5/1/2047	25.78	2047
6/1/2047	24.73	22.51	0%	24.73	1.051	6/1/2047	25.78	2047
7/1/2047	24.73	22.41	0%	24.73	1.051	7/1/2047	25.78	2047
8/1/2047	24.73	22.41	0%	24.73	1.051	8/1/2047	25.78	2047
9/1/2047	24.73	23.35	0%	24.73	1.051	9/1/2047	25.78	2047
10/1/2047	24.73	22.91	0%	24.73	1.051	10/1/2047	25.78	2047
11/1/2047	24.73	22.52	0%	24.73	1.051	11/1/2047	25.78	2047
12/1/2047	24.73	22.57	0%	24.73	1.051	12/1/2047	25.78	2047
1/1/2048	24.91	22.81	0%	24.91	1.051	1/1/2048	25.96	2048

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2/1/2048	24.91	22.84	0%	24.91	1.051	2/1/2048	25.96	2048
3/1/2048	24.91	22.87	0%	24.91	1.067	3/1/2048	25.97	2048
4/1/2048	24.91	22.90	0%	24.91	1.067	4/1/2048	25.97	2048
5/1/2048	24.91	22.93	0%	24.91	1.067	5/1/2048	25.97	2048
6/1/2048	24.91	22.96	0%	24.91	1.067	6/1/2048	25.97	2048
7/1/2048	24.91	22.86	0%	24.91	1.067	7/1/2048	25.97	2048
8/1/2048	24.91	22.86	0%	24.91	1.067	8/1/2048	25.97	2048
9/1/2048	24.91	23.81	0%	24.91	1.067	9/1/2048	25.97	2048
10/1/2048	24.91	23.37	0%	24.91	1.067	10/1/2048	25.97	2048
11/1/2048	24.91	22.97	0%	24.91	1.067	11/1/2048	25.97	2048
12/1/2048	24.91	23.02	0%	24.91	1.067	12/1/2048	25.97	2048
1/1/2049	25.53	23.27	0%	25.53	1.067	1/1/2049	26.60	2049
2/1/2049	25.53	23.30	0%	25.53	1.067	2/1/2049	26.60	2049
3/1/2049	25.53	23.33	0%	25.53	1.083	3/1/2049	26.62	2049
4/1/2049	25.53	23.36	0%	25.53	1.083	4/1/2049	26.62	2049
5/1/2049	25.53	23.39	0%	25.53	1.083	5/1/2049	26.62	2049
6/1/2049	25.53	23.42	0%	25.53	1.083	6/1/2049	26.62	2049
7/1/2049	25.53	23.32	0%	25.53	1.083	7/1/2049	26.62	2049
8/1/2049	25.53	23.32	0%	25.53	1.083	8/1/2049	26.62	2049
9/1/2049	25.53	24.29	0%	25.53	1.083	9/1/2049	26.62	2049
10/1/2049	25.53	23.83	0%	25.53	1.083	10/1/2049	26.62	2049
11/1/2049	25.53	23.43	0%	25.53	1.083	11/1/2049	26.62	2049
12/1/2049	25.53	23.48	0%	25.53	1.083	12/1/2049	26.62	2049
1/1/2050	25.53	23.73	0%	25.53	1.083	1/1/2050	26.62	2050
2/1/2050	25.53	23.76	0%	25.53	1.083	2/1/2050	26.62	2050
3/1/2050	25.53	23.79	0%	25.53	1.099	3/1/2050	26.63	2050
4/1/2050	25.53	23.83	0%	25.53	1.099	4/1/2050	26.63	2050
5/1/2050	25.53	23.86	0%	25.53	1.099	5/1/2050	26.63	2050
6/1/2050	25.53	23.89	0%	25.53	1.099	6/1/2050	26.63	2050
7/1/2050	25.53	23.78	0%	25.53	1.099	7/1/2050	26.63	2050
8/1/2050	25.53	23.78	0%	25.53	1.099	8/1/2050	26.63	2050
9/1/2050	25.53	24.77	0%	25.53	1.099	9/1/2050	26.63	2050
10/1/2050	25.53	24.31	0%	25.53	1.099	10/1/2050	26.63	2050
11/1/2050	25.53	23.90	0%	25.53	1.099	11/1/2050	26.63	2050
12/1/2050	25.53	23.95	0%	25.53	1.099	12/1/2050	26.63	2050

Hines

PETROLEUM PRODUCT PRICE FORECAST DATA

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PROSYM INPUT

ANNUAL AVERAGE

Date	Petroleum Product Price Forecast - Gulf Coast	TCM	Blend TCM/ Fundamental (%)	Blend TCM/ Fundamental ($)	Hines Transport ($/MMBtu)
1/1/2019	14.62	12.93	100%	12.93	0.505
2/1/2019	14.62	13.87	100%	13.87	0.505
3/1/2019	14.62	13.78	100%	13.78	0.505
4/1/2019	14.62	14.33	100%	14.33	0.505
5/1/2019	14.62	14.29	100%	14.29	0.505
6/1/2019	14.62	13.17	100%	13.17	0.505
7/1/2019	14.62	13.86	100%	13.86	0.505
8/1/2019	14.62	13.04	100%	13.04	0.505
9/1/2019	14.62	13.58	100%	13.58	0.505
10/1/2019	14.62	13.31	100%	13.31	0.505
11/1/2019	14.62	13.08	100%	13.08	0.505
12/1/2019	14.62	13.09	100%	13.09	0.505
1/1/2020	13.66	13.80	100%	13.80	0.513
2/1/2020	13.66	14.09	100%	14.09	0.513
3/1/2020	13.66	14.60	100%	14.60	0.513
4/1/2020	13.66	14.42	100%	14.42	0.513
5/1/2020	13.66	13.11	100%	13.11	0.513
6/1/2020	13.66	13.60	100%	13.60	0.513
7/1/2020	13.66	12.98	100%	12.98	0.513
8/1/2020	13.66	13.82	100%	13.82	0.513
9/1/2020	13.66	13.64	100%	13.64	0.513
10/1/2020	13.66	13.38	100%	13.38	0.513
11/1/2020	13.66	13.16	100%	13.16	0.513
12/1/2020	13.66	13.18	100%	13.18	0.513
1/1/2021	13.38	13.24	100%	13.24	0.520
2/1/2021	13.38	13.26	100%	13.26	0.520
3/1/2021	13.38	13.28	100%	13.28	0.520
4/1/2021	13.38	13.30	100%	13.30	0.520
5/1/2021	13.38	13.31	100%	13.31	0.520
6/1/2021	13.38	13.33	100%	13.33	0.520
7/1/2021	13.38	13.33	100%	13.33	0.520
8/1/2021	13.38	13.33	100%	13.33	0.520
9/1/2021	13.38	13.89	100%	13.89	0.520
10/1/2021	13.38	13.63	100%	13.63	0.520
11/1/2021	13.38	13.40	100%	13.40	0.520
12/1/2021	13.38	13.42	100%	13.42	0.520
1/1/2022	13.44	13.57	96%	13.57	0.528
2/1/2022	13.44	13.59	92%	13.58	0.528
3/1/2022	13.44	13.61	88%	13.59	0.528
4/1/2022	13.44	13.62	84%	13.60	0.528
5/1/2022	13.44	13.64	80%	13.60	0.528
6/1/2022	13.44	13.66	76%	13.61	0.528
7/1/2022	13.44	13.66	72%	13.60	0.528
8/1/2022	13.44	13.66	68%	13.59	0.528
9/1/2022	13.44	14.23	64%	13.95	0.528
10/1/2022	13.44	13.96	60%	13.76	0.528
11/1/2022	13.44	13.73	56%	13.60	0.528
12/1/2022	13.44	13.75	52%	13.60	0.528
1/1/2023	13.75	13.90	48%	13.82	0.536
2/1/2023	13.75	13.92	44%	13.83	0.536
3/1/2023	13.75	13.94	40%	13.83	0.536
4/1/2023	13.75	13.96	36%	13.82	0.536
5/1/2023	13.75	13.98	32%	13.82	0.536
6/1/2023	13.75	13.99	28%	13.82	0.536
7/1/2023	13.75	13.93	24%	13.79	0.536
8/1/2023	13.75	13.93	20%	13.79	0.536
9/1/2023	13.75	14.51	16%	13.87	0.536
10/1/2023	13.75	14.24	12%	13.81	0.536
11/1/2023	13.75	14.00	8%	13.77	0.536
12/1/2023	13.75	14.03	4%	13.76	0.536
1/1/2024	14.08	14.18	0%	14.08	0.544
2/1/2024	14.08	14.20	0%	14.08	0.544
3/1/2024	14.08	14.22	0%	14.08	0.544
4/1/2024	14.08	14.24	0%	14.08	0.544
5/1/2024	14.08	14.26	0%	14.08	0.544

Date	nomianl$/MMBtu
1/1/2019	13.43
2/1/2019	14.37
3/1/2019	14.29
4/1/2019	14.83
5/1/2019	14.79
6/1/2019	13.67
7/1/2019	14.37
8/1/2019	13.55
9/1/2019	14.08
10/1/2019	13.82
11/1/2019	13.58
12/1/2019	13.59
1/1/2020	14.32
2/1/2020	14.61
3/1/2020	15.11
4/1/2020	14.94
5/1/2020	13.62
6/1/2020	14.11
7/1/2020	13.50
8/1/2020	14.33
9/1/2020	14.15
10/1/2020	13.89
11/1/2020	13.67
12/1/2020	13.69
1/1/2021	13.76
2/1/2021	13.78
3/1/2021	13.80
4/1/2021	13.82
5/1/2021	13.83
6/1/2021	13.85
7/1/2021	13.85
8/1/2021	13.85
9/1/2021	14.41
10/1/2021	14.15
11/1/2021	13.92
12/1/2021	13.94
1/1/2022	14.09
2/1/2022	14.10
3/1/2022	14.11
4/1/2022	14.12
5/1/2022	14.13
6/1/2022	14.14
7/1/2022	14.13
8/1/2022	14.12
9/1/2022	14.47
10/1/2022	14.28
11/1/2022	14.13
12/1/2022	14.13
1/1/2023	14.36
2/1/2023	14.36
3/1/2023	14.36
4/1/2023	14.36
5/1/2023	14.36
6/1/2023	14.35
7/1/2023	14.33
8/1/2023	14.32
9/1/2023	14.41
10/1/2023	14.34
11/1/2023	14.31
12/1/2023	14.30
1/1/2024	14.63
2/1/2024	14.63
3/1/2024	14.63
4/1/2024	14.63
5/1/2024	14.63

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2019	2019		14.03
2019	2020		14.16
2019	2021		13.91
2019	2022		14.16
2019	2023		14.35
2019	2024		14.63
2019	2025		14.99
2019	2026		15.56
2019	2027		16.21
2019	2028		16.97
2019	2029		17.66
2019	2030		18.09
2020	2031		18.50
2020	2032		18.91
2020	2033		19.35
2020	2034		19.79
2020	2035		20.24
2020	2036		20.70
2020	2037		21.18
2020	2038		21.58
2020	2039		21.96
2020	2040		22.11
2020	2041		22.68
2020	2042		23.26
2021	2043		23.46
2021	2044		24.06
2021	2045		24.26
2021	2046		24.87
2021	2047		25.49
2021	2048		25.68
2021	2049		26.32
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6/1/2024	14.08	14.27	0%	14.08	0.544	6/1/2024	14.63	2024
7/1/2024	14.08	14.21	0%	14.08	0.544	7/1/2024	14.63	2024
8/1/2024	14.08	14.21	0%	14.08	0.544	8/1/2024	14.63	2024
9/1/2024	14.08	14.80	0%	14.08	0.544	9/1/2024	14.63	2024
10/1/2024	14.08	14.53	0%	14.08	0.544	10/1/2024	14.63	2024
11/1/2024	14.08	14.28	0%	14.08	0.544	11/1/2024	14.63	2024
12/1/2024	14.08	14.31	0%	14.08	0.544	12/1/2024	14.63	2024
1/1/2025	14.43	14.47	0%	14.43	0.552	1/1/2025	14.99	2025
2/1/2025	14.43	14.48	0%	14.43	0.552	2/1/2025	14.99	2025
3/1/2025	14.43	14.50	0%	14.43	0.552	3/1/2025	14.99	2025
4/1/2025	14.43	14.52	0%	14.43	0.552	4/1/2025	14.99	2025
5/1/2025	14.43	14.54	0%	14.43	0.552	5/1/2025	14.99	2025
6/1/2025	14.43	14.56	0%	14.43	0.552	6/1/2025	14.99	2025
7/1/2025	14.43	14.50	0%	14.43	0.552	7/1/2025	14.99	2025
8/1/2025	14.43	14.50	0%	14.43	0.552	8/1/2025	14.99	2025
9/1/2025	14.43	15.10	0%	14.43	0.552	9/1/2025	14.99	2025
10/1/2025	14.43	14.82	0%	14.43	0.552	10/1/2025	14.99	2025
11/1/2025	14.43	14.57	0%	14.43	0.552	11/1/2025	14.99	2025
12/1/2025	14.43	14.60	0%	14.43	0.552	12/1/2025	14.99	2025
1/1/2026	15.00	14.75	0%	15.00	0.561	1/1/2026	15.56	2026
2/1/2026	15.00	14.77	0%	15.00	0.561	2/1/2026	15.56	2026
3/1/2026	15.00	14.79	0%	15.00	0.561	3/1/2026	15.56	2026
4/1/2026	15.00	14.81	0%	15.00	0.561	4/1/2026	15.56	2026
5/1/2026	15.00	14.83	0%	15.00	0.561	5/1/2026	15.56	2026
6/1/2026	15.00	14.85	0%	15.00	0.561	6/1/2026	15.56	2026
7/1/2026	15.00	14.79	0%	15.00	0.561	7/1/2026	15.56	2026
8/1/2026	15.00	14.79	0%	15.00	0.561	8/1/2026	15.56	2026
9/1/2026	15.00	15.40	0%	15.00	0.561	9/1/2026	15.56	2026
10/1/2026	15.00	15.11	0%	15.00	0.561	10/1/2026	15.56	2026
11/1/2026	15.00	14.86	0%	15.00	0.561	11/1/2026	15.56	2026
12/1/2026	15.00	14.89	0%	15.00	0.561	12/1/2026	15.56	2026
1/1/2027	15.64	15.05	0%	15.64	0.569	1/1/2027	16.21	2027
2/1/2027	15.64	15.07	0%	15.64	0.569	2/1/2027	16.21	2027
3/1/2027	15.64	15.09	0%	15.64	0.569	3/1/2027	16.21	2027
4/1/2027	15.64	15.11	0%	15.64	0.569	4/1/2027	16.21	2027
5/1/2027	15.64	15.13	0%	15.64	0.569	5/1/2027	16.21	2027
6/1/2027	15.64	15.15	0%	15.64	0.569	6/1/2027	16.21	2027
7/1/2027	15.64	15.08	0%	15.64	0.569	7/1/2027	16.21	2027
8/1/2027	15.64	15.08	0%	15.64	0.569	8/1/2027	16.21	2027
9/1/2027	15.64	15.71	0%	15.64	0.569	9/1/2027	16.21	2027
10/1/2027	15.64	15.42	0%	15.64	0.569	10/1/2027	16.21	2027
11/1/2027	15.64	15.16	0%	15.64	0.569	11/1/2027	16.21	2027
12/1/2027	15.64	15.19	0%	15.64	0.569	12/1/2027	16.21	2027
1/1/2028	16.39	15.35	0%	16.39	0.577	1/1/2028	16.97	2028
2/1/2028	16.39	15.37	0%	16.39	0.577	2/1/2028	16.97	2028
3/1/2028	16.39	15.39	0%	16.39	0.577	3/1/2028	16.97	2028
4/1/2028	16.39	15.41	0%	16.39	0.577	4/1/2028	16.97	2028
5/1/2028	16.39	15.43	0%	16.39	0.577	5/1/2028	16.97	2028
6/1/2028	16.39	15.45	0%	16.39	0.577	6/1/2028	16.97	2028
7/1/2028	16.39	15.38	0%	16.39	0.577	7/1/2028	16.97	2028
8/1/2028	16.39	15.38	0%	16.39	0.577	8/1/2028	16.97	2028
9/1/2028	16.39	16.03	0%	16.39	0.577	9/1/2028	16.97	2028
10/1/2028	16.39	15.73	0%	16.39	0.577	10/1/2028	16.97	2028
11/1/2028	16.39	15.46	0%	16.39	0.577	11/1/2028	16.97	2028
12/1/2028	16.39	15.49	0%	16.39	0.577	12/1/2028	16.97	2028
1/1/2029	17.07	15.66	0%	17.07	0.586	1/1/2029	17.66	2029
2/1/2029	17.07	15.68	0%	17.07	0.586	2/1/2029	17.66	2029
3/1/2029	17.07	15.70	0%	17.07	0.586	3/1/2029	17.66	2029
4/1/2029	17.07	15.72	0%	17.07	0.586	4/1/2029	17.66	2029
5/1/2029	17.07	15.74	0%	17.07	0.586	5/1/2029	17.66	2029
6/1/2029	17.07	15.76	0%	17.07	0.586	6/1/2029	17.66	2029
7/1/2029	17.07	15.69	0%	17.07	0.586	7/1/2029	17.66	2029
8/1/2029	17.07	15.69	0%	17.07	0.586	8/1/2029	17.66	2029
9/1/2029	17.07	16.35	0%	17.07	0.586	9/1/2029	17.66	2029
10/1/2029	17.07	16.04	0%	17.07	0.586	10/1/2029	17.66	2029
11/1/2029	17.07	15.77	0%	17.07	0.586	11/1/2029	17.66	2029
12/1/2029	17.07	15.80	0%	17.07	0.586	12/1/2029	17.66	2029
1/1/2030	17.50	15.97	0%	17.50	0.595	1/1/2030	18.09	2030
2/1/2030	17.50	15.99	0%	17.50	0.595	2/1/2030	18.09	2030
3/1/2030	17.50	16.01	0%	17.50	0.595	3/1/2030	18.09	2030
4/1/2030	17.50	16.03	0%	17.50	0.595	4/1/2030	18.09	2030

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5/1/2030	17.50	16.05	0%	17.50	0.595	5/1/2030	18.09	2030
6/1/2030	17.50	16.08	0%	17.50	0.595	6/1/2030	18.09	2030
7/1/2030	17.50	16.00	0%	17.50	0.595	7/1/2030	18.09	2030
8/1/2030	17.50	16.00	0%	17.50	0.595	8/1/2030	18.09	2030
9/1/2030	17.50	16.67	0%	17.50	0.595	9/1/2030	18.09	2030
10/1/2030	17.50	16.36	0%	17.50	0.595	10/1/2030	18.09	2030
11/1/2030	17.50	16.09	0%	17.50	0.595	11/1/2030	18.09	2030
12/1/2030	17.50	16.12	0%	17.50	0.595	12/1/2030	18.09	2030
1/1/2031	17.89	16.29	0%	17.89	0.604	1/1/2031	18.50	2031
2/1/2031	17.89	16.31	0%	17.89	0.604	2/1/2031	18.50	2031
3/1/2031	17.89	16.33	0%	17.89	0.604	3/1/2031	18.50	2031
4/1/2031	17.89	16.35	0%	17.89	0.604	4/1/2031	18.50	2031
5/1/2031	17.89	16.38	0%	17.89	0.604	5/1/2031	18.50	2031
6/1/2031	17.89	16.40	0%	17.89	0.604	6/1/2031	18.50	2031
7/1/2031	17.89	16.32	0%	17.89	0.604	7/1/2031	18.50	2031
8/1/2031	17.89	16.32	0%	17.89	0.604	8/1/2031	18.50	2031
9/1/2031	17.89	17.01	0%	17.89	0.604	9/1/2031	18.50	2031
10/1/2031	17.89	16.69	0%	17.89	0.604	10/1/2031	18.50	2031
11/1/2031	17.89	16.41	0%	17.89	0.604	11/1/2031	18.50	2031
12/1/2031	17.89	16.44	0%	17.89	0.604	12/1/2031	18.50	2031
1/1/2032	18.30	16.62	0%	18.30	0.613	1/1/2032	18.91	2032
2/1/2032	18.30	16.64	0%	18.30	0.613	2/1/2032	18.91	2032
3/1/2032	18.30	16.66	0%	18.30	0.613	3/1/2032	18.91	2032
4/1/2032	18.30	16.68	0%	18.30	0.613	4/1/2032	18.91	2032
5/1/2032	18.30	16.70	0%	18.30	0.613	5/1/2032	18.91	2032
6/1/2032	18.30	16.72	0%	18.30	0.613	6/1/2032	18.91	2032
7/1/2032	18.30	16.65	0%	18.30	0.613	7/1/2032	18.91	2032
8/1/2032	18.30	16.65	0%	18.30	0.613	8/1/2032	18.91	2032
9/1/2032	18.30	17.35	0%	18.30	0.613	9/1/2032	18.91	2032
10/1/2032	18.30	17.02	0%	18.30	0.613	10/1/2032	18.91	2032
11/1/2032	18.30	16.74	0%	18.30	0.613	11/1/2032	18.91	2032
12/1/2032	18.30	16.77	0%	18.30	0.613	12/1/2032	18.91	2032
1/1/2033	18.73	16.95	0%	18.73	0.622	1/1/2033	19.35	2033
2/1/2033	18.73	16.97	0%	18.73	0.622	2/1/2033	19.35	2033
3/1/2033	18.73	16.99	0%	18.73	0.622	3/1/2033	19.35	2033
4/1/2033	18.73	17.01	0%	18.73	0.622	4/1/2033	19.35	2033
5/1/2033	18.73	17.04	0%	18.73	0.622	5/1/2033	19.35	2033
6/1/2033	18.73	17.06	0%	18.73	0.622	6/1/2033	19.35	2033
7/1/2033	18.73	16.98	0%	18.73	0.622	7/1/2033	19.35	2033
8/1/2033	18.73	16.98	0%	18.73	0.622	8/1/2033	19.35	2033
9/1/2033	18.73	17.69	0%	18.73	0.622	9/1/2033	19.35	2033
10/1/2033	18.73	17.36	0%	18.73	0.622	10/1/2033	19.35	2033
11/1/2033	18.73	17.07	0%	18.73	0.622	11/1/2033	19.35	2033
12/1/2033	18.73	17.10	0%	18.73	0.622	12/1/2033	19.35	2033
1/1/2034	19.16	17.29	0%	19.16	0.631	1/1/2034	19.79	2034
2/1/2034	19.16	17.31	0%	19.16	0.631	2/1/2034	19.79	2034
3/1/2034	19.16	17.33	0%	19.16	0.631	3/1/2034	19.79	2034
4/1/2034	19.16	17.36	0%	19.16	0.631	4/1/2034	19.79	2034
5/1/2034	19.16	17.38	0%	19.16	0.631	5/1/2034	19.79	2034
6/1/2034	19.16	17.40	0%	19.16	0.631	6/1/2034	19.79	2034
7/1/2034	19.16	17.32	0%	19.16	0.631	7/1/2034	19.79	2034
8/1/2034	19.16	17.32	0%	19.16	0.631	8/1/2034	19.79	2034
9/1/2034	19.16	18.05	0%	19.16	0.631	9/1/2034	19.79	2034
10/1/2034	19.16	17.71	0%	19.16	0.631	10/1/2034	19.79	2034
11/1/2034	19.16	17.41	0%	19.16	0.631	11/1/2034	19.79	2034
12/1/2034	19.16	17.44	0%	19.16	0.631	12/1/2034	19.79	2034
1/1/2035	19.60	17.63	0%	19.60	0.641	1/1/2035	20.24	2035
2/1/2035	19.60	17.66	0%	19.60	0.641	2/1/2035	20.24	2035
3/1/2035	19.60	17.68	0%	19.60	0.641	3/1/2035	20.24	2035
4/1/2035	19.60	17.70	0%	19.60	0.641	4/1/2035	20.24	2035
5/1/2035	19.60	17.73	0%	19.60	0.641	5/1/2035	20.24	2035
6/1/2035	19.60	17.75	0%	19.60	0.641	6/1/2035	20.24	2035
7/1/2035	19.60	17.67	0%	19.60	0.641	7/1/2035	20.24	2035
8/1/2035	19.60	17.67	0%	19.60	0.641	8/1/2035	20.24	2035
9/1/2035	19.60	18.41	0%	19.60	0.641	9/1/2035	20.24	2035
10/1/2035	19.60	18.06	0%	19.60	0.641	10/1/2035	20.24	2035
11/1/2035	19.60	17.76	0%	19.60	0.641	11/1/2035	20.24	2035
12/1/2035	19.60	17.79	0%	19.60	0.641	12/1/2035	20.24	2035
1/1/2036	20.05	17.99	0%	20.05	0.641	1/1/2036	20.69	2036
2/1/2036	20.05	18.01	0%	20.05	0.641	2/1/2036	20.69	2036
3/1/2036	20.05	18.03	0%	20.05	0.651	3/1/2036	20.70	2036

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4/1/2036	20.05	18.06	0%	20.05	0.651	4/1/2036	20.70	2036
5/1/2036	20.05	18.08	0%	20.05	0.651	5/1/2036	20.70	2036
6/1/2036	20.05	18.10	0%	20.05	0.651	6/1/2036	20.70	2036
7/1/2036	20.05	18.02	0%	20.05	0.651	7/1/2036	20.70	2036
8/1/2036	20.05	18.02	0%	20.05	0.651	8/1/2036	20.70	2036
9/1/2036	20.05	18.78	0%	20.05	0.651	9/1/2036	20.70	2036
10/1/2036	20.05	18.42	0%	20.05	0.651	10/1/2036	20.70	2036
11/1/2036	20.05	18.12	0%	20.05	0.651	11/1/2036	20.70	2036
12/1/2036	20.05	18.15	0%	20.05	0.651	12/1/2036	20.70	2036
1/1/2037	20.52	18.35	0%	20.52	0.651	1/1/2037	21.17	2037
2/1/2037	20.52	18.37	0%	20.52	0.651	2/1/2037	21.17	2037
3/1/2037	20.52	18.39	0%	20.52	0.660	3/1/2037	21.18	2037
4/1/2037	20.52	18.42	0%	20.52	0.660	4/1/2037	21.18	2037
5/1/2037	20.52	18.44	0%	20.52	0.660	5/1/2037	21.18	2037
6/1/2037	20.52	18.47	0%	20.52	0.660	6/1/2037	21.18	2037
7/1/2037	20.52	18.38	0%	20.52	0.660	7/1/2037	21.18	2037
8/1/2037	20.52	18.38	0%	20.52	0.660	8/1/2037	21.18	2037
9/1/2037	20.52	19.15	0%	20.52	0.660	9/1/2037	21.18	2037
10/1/2037	20.52	18.79	0%	20.52	0.660	10/1/2037	21.18	2037
11/1/2037	20.52	18.48	0%	20.52	0.660	11/1/2037	21.18	2037
12/1/2037	20.52	18.51	0%	20.52	0.660	12/1/2037	21.18	2037
1/1/2038	20.91	18.71	0%	20.91	0.660	1/1/2038	21.57	2038
2/1/2038	20.91	18.74	0%	20.91	0.660	2/1/2038	21.57	2038
3/1/2038	20.91	18.76	0%	20.91	0.670	3/1/2038	21.58	2038
4/1/2038	20.91	18.79	0%	20.91	0.670	4/1/2038	21.58	2038
5/1/2038	20.91	18.81	0%	20.91	0.670	5/1/2038	21.58	2038
6/1/2038	20.91	18.83	0%	20.91	0.670	6/1/2038	21.58	2038
7/1/2038	20.91	18.75	0%	20.91	0.670	7/1/2038	21.58	2038
8/1/2038	20.91	18.75	0%	20.91	0.670	8/1/2038	21.58	2038
9/1/2038	20.91	19.53	0%	20.91	0.670	9/1/2038	21.58	2038
10/1/2038	20.91	19.17	0%	20.91	0.670	10/1/2038	21.58	2038
11/1/2038	20.91	18.85	0%	20.91	0.670	11/1/2038	21.58	2038
12/1/2038	20.91	18.88	0%	20.91	0.670	12/1/2038	21.58	2038
1/1/2039	21.29	19.09	0%	21.29	0.670	1/1/2039	21.96	2039
2/1/2039	21.29	19.11	0%	21.29	0.670	2/1/2039	21.96	2039
3/1/2039	21.29	19.14	0%	21.29	0.680	3/1/2039	21.97	2039
4/1/2039	21.29	19.16	0%	21.29	0.680	4/1/2039	21.97	2039
5/1/2039	21.29	19.19	0%	21.29	0.680	5/1/2039	21.97	2039
6/1/2039	21.29	19.21	0%	21.29	0.680	6/1/2039	21.97	2039
7/1/2039	21.29	19.13	0%	21.29	0.680	7/1/2039	21.97	2039
8/1/2039	21.29	19.13	0%	21.29	0.680	8/1/2039	21.97	2039
9/1/2039	21.29	19.93	0%	21.29	0.680	9/1/2039	21.97	2039
10/1/2039	21.29	19.55	0%	21.29	0.680	10/1/2039	21.97	2039
11/1/2039	21.29	19.22	0%	21.29	0.680	11/1/2039	21.97	2039
12/1/2039	21.29	19.26	0%	21.29	0.680	12/1/2039	21.97	2039
1/1/2040	21.42	19.47	0%	21.42	0.680	1/1/2040	22.10	2040
2/1/2040	21.42	19.49	0%	21.42	0.680	2/1/2040	22.10	2040
3/1/2040	21.42	19.52	0%	21.42	0.691	3/1/2040	22.11	2040
4/1/2040	21.42	19.54	0%	21.42	0.691	4/1/2040	22.11	2040
5/1/2040	21.42	19.57	0%	21.42	0.691	5/1/2040	22.11	2040
6/1/2040	21.42	19.60	0%	21.42	0.691	6/1/2040	22.11	2040
7/1/2040	21.42	19.51	0%	21.42	0.691	7/1/2040	22.11	2040
8/1/2040	21.42	19.51	0%	21.42	0.691	8/1/2040	22.11	2040
9/1/2040	21.42	20.32	0%	21.42	0.691	9/1/2040	22.11	2040
10/1/2040	21.42	19.94	0%	21.42	0.691	10/1/2040	22.11	2040
11/1/2040	21.42	19.61	0%	21.42	0.691	11/1/2040	22.11	2040
12/1/2040	21.42	19.64	0%	21.42	0.691	12/1/2040	22.11	2040
1/1/2041	21.98	19.86	0%	21.98	0.691	1/1/2041	22.67	2041
2/1/2041	21.98	19.88	0%	21.98	0.691	2/1/2041	22.67	2041
3/1/2041	21.98	19.91	0%	21.98	0.701	3/1/2041	22.68	2041
4/1/2041	21.98	19.94	0%	21.98	0.701	4/1/2041	22.68	2041
5/1/2041	21.98	19.96	0%	21.98	0.701	5/1/2041	22.68	2041
6/1/2041	21.98	19.99	0%	21.98	0.701	6/1/2041	22.68	2041
7/1/2041	21.98	19.90	0%	21.98	0.701	7/1/2041	22.68	2041
8/1/2041	21.98	19.90	0%	21.98	0.701	8/1/2041	22.68	2041
9/1/2041	21.98	20.73	0%	21.98	0.701	9/1/2041	22.68	2041
10/1/2041	21.98	20.34	0%	21.98	0.701	10/1/2041	22.68	2041
11/1/2041	21.98	20.00	0%	21.98	0.701	11/1/2041	22.68	2041
12/1/2041	21.98	20.04	0%	21.98	0.701	12/1/2041	22.68	2041
1/1/2042	22.55	20.25	0%	22.55	0.701	1/1/2042	23.25	2042
2/1/2042	22.55	20.28	0%	22.55	0.701	2/1/2042	23.25	2042

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3/1/2042	22.55	20.31	0%	22.55	0.711	3/1/2042	23.26	2042
4/1/2042	22.55	20.33	0%	22.55	0.711	4/1/2042	23.26	2042
5/1/2042	22.55	20.36	0%	22.55	0.711	5/1/2042	23.26	2042
6/1/2042	22.55	20.39	0%	22.55	0.711	6/1/2042	23.26	2042
7/1/2042	22.55	20.30	0%	22.55	0.711	7/1/2042	23.26	2042
8/1/2042	22.55	20.30	0%	22.55	0.711	8/1/2042	23.26	2042
9/1/2042	22.55	21.14	0%	22.55	0.711	9/1/2042	23.26	2042
10/1/2042	22.55	20.75	0%	22.55	0.711	10/1/2042	23.26	2042
11/1/2042	22.55	20.40	0%	22.55	0.711	11/1/2042	23.26	2042
12/1/2042	22.55	20.44	0%	22.55	0.711	12/1/2042	23.26	2042
1/1/2043	22.74	20.66	0%	22.74	0.711	1/1/2043	23.45	2043
2/1/2043	22.74	20.69	0%	22.74	0.711	2/1/2043	23.45	2043
3/1/2043	22.74	20.71	0%	22.74	0.722	3/1/2043	23.46	2043
4/1/2043	22.74	20.74	0%	22.74	0.722	4/1/2043	23.46	2043
5/1/2043	22.74	20.77	0%	22.74	0.722	5/1/2043	23.46	2043
6/1/2043	22.74	20.80	0%	22.74	0.722	6/1/2043	23.46	2043
7/1/2043	22.74	20.70	0%	22.74	0.722	7/1/2043	23.46	2043
8/1/2043	22.74	20.70	0%	22.74	0.722	8/1/2043	23.46	2043
9/1/2043	22.74	21.57	0%	22.74	0.722	9/1/2043	23.46	2043
10/1/2043	22.74	21.16	0%	22.74	0.722	10/1/2043	23.46	2043
11/1/2043	22.74	20.81	0%	22.74	0.722	11/1/2043	23.46	2043
12/1/2043	22.74	20.85	0%	22.74	0.722	12/1/2043	23.46	2043
1/1/2044	23.33	21.07	0%	23.33	0.722	1/1/2044	24.05	2044
2/1/2044	23.33	21.10	0%	23.33	0.722	2/1/2044	24.05	2044
3/1/2044	23.33	21.13	0%	23.33	0.733	3/1/2044	24.06	2044
4/1/2044	23.33	21.16	0%	23.33	0.733	4/1/2044	24.06	2044
5/1/2044	23.33	21.18	0%	23.33	0.733	5/1/2044	24.06	2044
6/1/2044	23.33	21.21	0%	23.33	0.733	6/1/2044	24.06	2044
7/1/2044	23.33	21.12	0%	23.33	0.733	7/1/2044	24.06	2044
8/1/2044	23.33	21.12	0%	23.33	0.733	8/1/2044	24.06	2044
9/1/2044	23.33	22.00	0%	23.33	0.733	9/1/2044	24.06	2044
10/1/2044	23.33	21.59	0%	23.33	0.733	10/1/2044	24.06	2044
11/1/2044	23.33	21.22	0%	23.33	0.733	11/1/2044	24.06	2044
12/1/2044	23.33	21.26	0%	23.33	0.733	12/1/2044	24.06	2044
1/1/2045	23.52	21.49	0%	23.52	0.733	1/1/2045	24.25	2045
2/1/2045	23.52	21.52	0%	23.52	0.733	2/1/2045	24.25	2045
3/1/2045	23.52	21.55	0%	23.52	0.744	3/1/2045	24.26	2045
4/1/2045	23.52	21.58	0%	23.52	0.744	4/1/2045	24.26	2045
5/1/2045	23.52	21.61	0%	23.52	0.744	5/1/2045	24.26	2045
6/1/2045	23.52	21.64	0%	23.52	0.744	6/1/2045	24.26	2045
7/1/2045	23.52	21.54	0%	23.52	0.744	7/1/2045	24.26	2045
8/1/2045	23.52	21.54	0%	23.52	0.744	8/1/2045	24.26	2045
9/1/2045	23.52	22.44	0%	23.52	0.744	9/1/2045	24.26	2045
10/1/2045	23.52	22.02	0%	23.52	0.744	10/1/2045	24.26	2045
11/1/2045	23.52	21.65	0%	23.52	0.744	11/1/2045	24.26	2045
12/1/2045	23.52	21.69	0%	23.52	0.744	12/1/2045	24.26	2045
1/1/2046	24.12	21.92	0%	24.12	0.744	1/1/2046	24.86	2046
2/1/2046	24.12	21.95	0%	24.12	0.744	2/1/2046	24.86	2046
3/1/2046	24.12	21.98	0%	24.12	0.755	3/1/2046	24.87	2046
4/1/2046	24.12	22.01	0%	24.12	0.755	4/1/2046	24.87	2046
5/1/2046	24.12	22.04	0%	24.12	0.755	5/1/2046	24.87	2046
6/1/2046	24.12	22.07	0%	24.12	0.755	6/1/2046	24.87	2046
7/1/2046	24.12	21.97	0%	24.12	0.755	7/1/2046	24.87	2046
8/1/2046	24.12	21.97	0%	24.12	0.755	8/1/2046	24.87	2046
9/1/2046	24.12	22.89	0%	24.12	0.755	9/1/2046	24.87	2046
10/1/2046	24.12	22.46	0%	24.12	0.755	10/1/2046	24.87	2046
11/1/2046	24.12	22.08	0%	24.12	0.755	11/1/2046	24.87	2046
12/1/2046	24.12	22.12	0%	24.12	0.755	12/1/2046	24.87	2046
1/1/2047	24.73	22.36	0%	24.73	0.755	1/1/2047	25.48	2047
2/1/2047	24.73	22.39	0%	24.73	0.755	2/1/2047	25.48	2047
3/1/2047	24.73	22.42	0%	24.73	0.766	3/1/2047	25.50	2047
4/1/2047	24.73	22.45	0%	24.73	0.766	4/1/2047	25.50	2047
5/1/2047	24.73	22.48	0%	24.73	0.766	5/1/2047	25.50	2047
6/1/2047	24.73	22.51	0%	24.73	0.766	6/1/2047	25.50	2047
7/1/2047	24.73	22.41	0%	24.73	0.766	7/1/2047	25.50	2047
8/1/2047	24.73	22.41	0%	24.73	0.766	8/1/2047	25.50	2047
9/1/2047	24.73	23.35	0%	24.73	0.766	9/1/2047	25.50	2047
10/1/2047	24.73	22.91	0%	24.73	0.766	10/1/2047	25.50	2047
11/1/2047	24.73	22.52	0%	24.73	0.766	11/1/2047	25.50	2047
12/1/2047	24.73	22.57	0%	24.73	0.766	12/1/2047	25.50	2047
1/1/2048	24.91	22.81	0%	24.91	0.766	1/1/2048	25.67	2048

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2/1/2048	24.91	22.84	0%	24.91	0.766	2/1/2048	25.67	2048
3/1/2048	24.91	22.87	0%	24.91	0.778	3/1/2048	25.68	2048
4/1/2048	24.91	22.90	0%	24.91	0.778	4/1/2048	25.68	2048
5/1/2048	24.91	22.93	0%	24.91	0.778	5/1/2048	25.68	2048
6/1/2048	24.91	22.96	0%	24.91	0.778	6/1/2048	25.68	2048
7/1/2048	24.91	22.86	0%	24.91	0.778	7/1/2048	25.68	2048
8/1/2048	24.91	22.86	0%	24.91	0.778	8/1/2048	25.68	2048
9/1/2048	24.91	23.81	0%	24.91	0.778	9/1/2048	25.68	2048
10/1/2048	24.91	23.37	0%	24.91	0.778	10/1/2048	25.68	2048
11/1/2048	24.91	22.97	0%	24.91	0.778	11/1/2048	25.68	2048
12/1/2048	24.91	23.02	0%	24.91	0.778	12/1/2048	25.68	2048
1/1/2049	25.53	23.27	0%	25.53	0.778	1/1/2049	26.31	2049
2/1/2049	25.53	23.30	0%	25.53	0.778	2/1/2049	26.31	2049
3/1/2049	25.53	23.33	0%	25.53	0.790	3/1/2049	26.32	2049
4/1/2049	25.53	23.36	0%	25.53	0.790	4/1/2049	26.32	2049
5/1/2049	25.53	23.39	0%	25.53	0.790	5/1/2049	26.32	2049
6/1/2049	25.53	23.42	0%	25.53	0.790	6/1/2049	26.32	2049
7/1/2049	25.53	23.32	0%	25.53	0.790	7/1/2049	26.32	2049
8/1/2049	25.53	23.32	0%	25.53	0.790	8/1/2049	26.32	2049
9/1/2049	25.53	24.29	0%	25.53	0.790	9/1/2049	26.32	2049
10/1/2049	25.53	23.83	0%	25.53	0.790	10/1/2049	26.32	2049
11/1/2049	25.53	23.43	0%	25.53	0.790	11/1/2049	26.32	2049
12/1/2049	25.53	23.48	0%	25.53	0.790	12/1/2049	26.32	2049
1/1/2050	25.53	23.73	0%	25.53	0.790	1/1/2050	26.32	2050
2/1/2050	25.53	23.76	0%	25.53	0.790	2/1/2050	26.32	2050
3/1/2050	25.53	23.79	0%	25.53	0.801	3/1/2050	26.34	2050
4/1/2050	25.53	23.83	0%	25.53	0.801	4/1/2050	26.34	2050
5/1/2050	25.53	23.86	0%	25.53	0.801	5/1/2050	26.34	2050
6/1/2050	25.53	23.89	0%	25.53	0.801	6/1/2050	26.34	2050
7/1/2050	25.53	23.78	0%	25.53	0.801	7/1/2050	26.34	2050
8/1/2050	25.53	23.78	0%	25.53	0.801	8/1/2050	26.34	2050
9/1/2050	25.53	24.77	0%	25.53	0.801	9/1/2050	26.34	2050
10/1/2050	25.53	24.31	0%	25.53	0.801	10/1/2050	26.34	2050
11/1/2050	25.53	23.90	0%	25.53	0.801	11/1/2050	26.34	2050
12/1/2050	25.53	23.95	0%	25.53	0.801	12/1/2050	26.34	2050

Int.City

PETROLEUM PRODUCT PRICE FORECAST DATA

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PROSYM INPUT

ANNUAL AVERAGE

Date	Petroleum Product Price Forecast - Gulf Coast	TCM	Blend TCM/ Fundamental (%)	Blend TCM/ Fundamental ($)	Int.City Transport ($/MMBtu)
1/1/2019	14.62	12.93	100%	12.93	0.478
2/1/2019	14.62	13.87	100%	13.87	0.478
3/1/2019	14.62	13.78	100%	13.78	0.478
4/1/2019	14.62	14.33	100%	14.33	0.478
5/1/2019	14.62	14.29	100%	14.29	0.478
6/1/2019	14.62	13.17	100%	13.17	0.478
7/1/2019	14.62	13.86	100%	13.86	0.478
8/1/2019	14.62	13.04	100%	13.04	0.478
9/1/2019	14.62	13.58	100%	13.58	0.478
10/1/2019	14.62	13.31	100%	13.31	0.478
11/1/2019	14.62	13.08	100%	13.08	0.478
12/1/2019	14.62	13.09	100%	13.09	0.478
1/1/2020	13.66	13.80	100%	13.80	0.485
2/1/2020	13.66	14.09	100%	14.09	0.485
3/1/2020	13.66	14.60	100%	14.60	0.485
4/1/2020	13.66	14.42	100%	14.42	0.485
5/1/2020	13.66	13.11	100%	13.11	0.485
6/1/2020	13.66	13.60	100%	13.60	0.485
7/1/2020	13.66	12.98	100%	12.98	0.485
8/1/2020	13.66	13.82	100%	13.82	0.485
9/1/2020	13.66	13.64	100%	13.64	0.485
10/1/2020	13.66	13.38	100%	13.38	0.485
11/1/2020	13.66	13.16	100%	13.16	0.485
12/1/2020	13.66	13.18	100%	13.18	0.485
1/1/2021	13.38	13.24	100%	13.24	0.492
2/1/2021	13.38	13.26	100%	13.26	0.492
3/1/2021	13.38	13.28	100%	13.28	0.492
4/1/2021	13.38	13.30	100%	13.30	0.492
5/1/2021	13.38	13.31	100%	13.31	0.492
6/1/2021	13.38	13.33	100%	13.33	0.492
7/1/2021	13.38	13.33	100%	13.33	0.492
8/1/2021	13.38	13.33	100%	13.33	0.492
9/1/2021	13.38	13.89	100%	13.89	0.492
10/1/2021	13.38	13.63	100%	13.63	0.492
11/1/2021	13.38	13.40	100%	13.40	0.492
12/1/2021	13.38	13.42	100%	13.42	0.492
1/1/2022	13.44	13.57	96%	13.57	0.499
2/1/2022	13.44	13.59	92%	13.58	0.499
3/1/2022	13.44	13.61	88%	13.59	0.499
4/1/2022	13.44	13.62	84%	13.60	0.499
5/1/2022	13.44	13.64	80%	13.60	0.499
6/1/2022	13.44	13.66	76%	13.61	0.499
7/1/2022	13.44	13.66	72%	13.60	0.499
8/1/2022	13.44	13.66	68%	13.59	0.499
9/1/2022	13.44	14.23	64%	13.95	0.499
10/1/2022	13.44	13.96	60%	13.76	0.499
11/1/2022	13.44	13.73	56%	13.60	0.499
12/1/2022	13.44	13.75	52%	13.60	0.499
1/1/2023	13.75	13.90	48%	13.82	0.507
2/1/2023	13.75	13.92	44%	13.83	0.507
3/1/2023	13.75	13.94	40%	13.83	0.507
4/1/2023	13.75	13.96	36%	13.82	0.507
5/1/2023	13.75	13.98	32%	13.82	0.507
6/1/2023	13.75	13.99	28%	13.82	0.507
7/1/2023	13.75	13.93	24%	13.79	0.507
8/1/2023	13.75	13.93	20%	13.79	0.507
9/1/2023	13.75	14.51	16%	13.87	0.507
10/1/2023	13.75	14.24	12%	13.81	0.507
11/1/2023	13.75	14.00	8%	13.77	0.507
12/1/2023	13.75	14.03	4%	13.76	0.507
1/1/2024	14.08	14.18	0%	14.08	0.514
2/1/2024	14.08	14.20	0%	14.08	0.514
3/1/2024	14.08	14.22	0%	14.08	0.514
4/1/2024	14.08	14.24	0%	14.08	0.514
5/1/2024	14.08	14.26	0%	14.08	0.514

Date	nomianl$/MMBtu
1/1/2019	13.41
2/1/2019	14.35
3/1/2019	14.26
4/1/2019	14.80
5/1/2019	14.77
6/1/2019	13.64
7/1/2019	14.34
8/1/2019	13.52
9/1/2019	14.06
10/1/2019	13.79
11/1/2019	13.55
12/1/2019	13.57
1/1/2020	14.29
2/1/2020	14.58
3/1/2020	15.08
4/1/2020	14.91
5/1/2020	13.59
6/1/2020	14.09
7/1/2020	13.47
8/1/2020	14.30
9/1/2020	14.12
10/1/2020	13.87
11/1/2020	13.64
12/1/2020	13.67
1/1/2021	13.74
2/1/2021	13.75
3/1/2021	13.77
4/1/2021	13.79
5/1/2021	13.81
6/1/2021	13.82
7/1/2021	13.82
8/1/2021	13.82
9/1/2021	14.38
10/1/2021	14.12
11/1/2021	13.89
12/1/2021	13.92
1/1/2022	14.06
2/1/2022	14.08
3/1/2022	14.09
4/1/2022	14.09
5/1/2022	14.10
6/1/2022	14.11
7/1/2022	14.10
8/1/2022	14.09
9/1/2022	14.45
10/1/2022	14.25
11/1/2022	14.10
12/1/2022	14.10
1/1/2023	14.33
2/1/2023	14.33
3/1/2023	14.33
4/1/2023	14.33
5/1/2023	14.33
6/1/2023	14.33
7/1/2023	14.30
8/1/2023	14.29
9/1/2023	14.38
10/1/2023	14.32
11/1/2023	14.28
12/1/2023	14.27
1/1/2024	14.60
2/1/2024	14.60
3/1/2024	14.60
4/1/2024	14.60
5/1/2024	14.60

		Int.City
2019	2019	14.01
2019	2020	14.13
2019	2021	13.89
2019	2022	14.14
2019	2023	14.32
2019	2024	14.60
2019	2025	14.96
2019	2026	15.53
2019	2027	16.18
2019	2028	16.93
2019	2029	17.62
2019	2030	18.06
2020	2031	18.46
2020	2032	18.88
2020	2033	19.31
2020	2034	19.75
2020	2035	20.20
2020	2036	20.66
2020	2037	21.14
2020	2038	21.54
2020	2039	21.93
2020	2040	22.07
2020	2041	22.64
2020	2042	23.22
2021	2043	23.42
2021	2044	24.02
2021	2045	24.22
2021	2046	24.83
2021	2047	25.45
2021	2048	25.64
2021	2049	26.28
2021	2050	26.29
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6/1/2024	14.08	14.27	0%	14.08	0.514	6/1/2024	14.60	2024
7/1/2024	14.08	14.21	0%	14.08	0.514	7/1/2024	14.60	2024
8/1/2024	14.08	14.21	0%	14.08	0.514	8/1/2024	14.60	2024
9/1/2024	14.08	14.80	0%	14.08	0.514	9/1/2024	14.60	2024
10/1/2024	14.08	14.53	0%	14.08	0.514	10/1/2024	14.60	2024
11/1/2024	14.08	14.28	0%	14.08	0.514	11/1/2024	14.60	2024
12/1/2024	14.08	14.31	0%	14.08	0.514	12/1/2024	14.60	2024
1/1/2025	14.43	14.47	0%	14.43	0.522	1/1/2025	14.96	2025
2/1/2025	14.43	14.48	0%	14.43	0.522	2/1/2025	14.96	2025
3/1/2025	14.43	14.50	0%	14.43	0.522	3/1/2025	14.96	2025
4/1/2025	14.43	14.52	0%	14.43	0.522	4/1/2025	14.96	2025
5/1/2025	14.43	14.54	0%	14.43	0.522	5/1/2025	14.96	2025
6/1/2025	14.43	14.56	0%	14.43	0.522	6/1/2025	14.96	2025
7/1/2025	14.43	14.50	0%	14.43	0.522	7/1/2025	14.96	2025
8/1/2025	14.43	14.50	0%	14.43	0.522	8/1/2025	14.96	2025
9/1/2025	14.43	15.10	0%	14.43	0.522	9/1/2025	14.96	2025
10/1/2025	14.43	14.82	0%	14.43	0.522	10/1/2025	14.96	2025
11/1/2025	14.43	14.57	0%	14.43	0.522	11/1/2025	14.96	2025
12/1/2025	14.43	14.60	0%	14.43	0.522	12/1/2025	14.96	2025
1/1/2026	15.00	14.75	0%	15.00	0.530	1/1/2026	15.53	2026
2/1/2026	15.00	14.77	0%	15.00	0.530	2/1/2026	15.53	2026
3/1/2026	15.00	14.79	0%	15.00	0.530	3/1/2026	15.53	2026
4/1/2026	15.00	14.81	0%	15.00	0.530	4/1/2026	15.53	2026
5/1/2026	15.00	14.83	0%	15.00	0.530	5/1/2026	15.53	2026
6/1/2026	15.00	14.85	0%	15.00	0.530	6/1/2026	15.53	2026
7/1/2026	15.00	14.79	0%	15.00	0.530	7/1/2026	15.53	2026
8/1/2026	15.00	14.79	0%	15.00	0.530	8/1/2026	15.53	2026
9/1/2026	15.00	15.40	0%	15.00	0.530	9/1/2026	15.53	2026
10/1/2026	15.00	15.11	0%	15.00	0.530	10/1/2026	15.53	2026
11/1/2026	15.00	14.86	0%	15.00	0.530	11/1/2026	15.53	2026
12/1/2026	15.00	14.89	0%	15.00	0.530	12/1/2026	15.53	2026
1/1/2027	15.64	15.05	0%	15.64	0.538	1/1/2027	16.18	2027
2/1/2027	15.64	15.07	0%	15.64	0.538	2/1/2027	16.18	2027
3/1/2027	15.64	15.09	0%	15.64	0.538	3/1/2027	16.18	2027
4/1/2027	15.64	15.11	0%	15.64	0.538	4/1/2027	16.18	2027
5/1/2027	15.64	15.13	0%	15.64	0.538	5/1/2027	16.18	2027
6/1/2027	15.64	15.15	0%	15.64	0.538	6/1/2027	16.18	2027
7/1/2027	15.64	15.08	0%	15.64	0.538	7/1/2027	16.18	2027
8/1/2027	15.64	15.08	0%	15.64	0.538	8/1/2027	16.18	2027
9/1/2027	15.64	15.71	0%	15.64	0.538	9/1/2027	16.18	2027
10/1/2027	15.64	15.42	0%	15.64	0.538	10/1/2027	16.18	2027
11/1/2027	15.64	15.16	0%	15.64	0.538	11/1/2027	16.18	2027
12/1/2027	15.64	15.19	0%	15.64	0.538	12/1/2027	16.18	2027
1/1/2028	16.39	15.35	0%	16.39	0.546	1/1/2028	16.93	2028
2/1/2028	16.39	15.37	0%	16.39	0.546	2/1/2028	16.93	2028
3/1/2028	16.39	15.39	0%	16.39	0.546	3/1/2028	16.93	2028
4/1/2028	16.39	15.41	0%	16.39	0.546	4/1/2028	16.93	2028
5/1/2028	16.39	15.43	0%	16.39	0.546	5/1/2028	16.93	2028
6/1/2028	16.39	15.45	0%	16.39	0.546	6/1/2028	16.93	2028
7/1/2028	16.39	15.38	0%	16.39	0.546	7/1/2028	16.93	2028
8/1/2028	16.39	15.38	0%	16.39	0.546	8/1/2028	16.93	2028
9/1/2028	16.39	16.03	0%	16.39	0.546	9/1/2028	16.93	2028
10/1/2028	16.39	15.73	0%	16.39	0.546	10/1/2028	16.93	2028
11/1/2028	16.39	15.46	0%	16.39	0.546	11/1/2028	16.93	2028
12/1/2028	16.39	15.49	0%	16.39	0.546	12/1/2028	16.93	2028
1/1/2029	17.07	15.66	0%	17.07	0.554	1/1/2029	17.62	2029
2/1/2029	17.07	15.68	0%	17.07	0.554	2/1/2029	17.62	2029
3/1/2029	17.07	15.70	0%	17.07	0.554	3/1/2029	17.62	2029
4/1/2029	17.07	15.72	0%	17.07	0.554	4/1/2029	17.62	2029
5/1/2029	17.07	15.74	0%	17.07	0.554	5/1/2029	17.62	2029
6/1/2029	17.07	15.76	0%	17.07	0.554	6/1/2029	17.62	2029
7/1/2029	17.07	15.69	0%	17.07	0.554	7/1/2029	17.62	2029
8/1/2029	17.07	15.69	0%	17.07	0.554	8/1/2029	17.62	2029
9/1/2029	17.07	16.35	0%	17.07	0.554	9/1/2029	17.62	2029
10/1/2029	17.07	16.04	0%	17.07	0.554	10/1/2029	17.62	2029
11/1/2029	17.07	15.77	0%	17.07	0.554	11/1/2029	17.62	2029
12/1/2029	17.07	15.80	0%	17.07	0.554	12/1/2029	17.62	2029
1/1/2030	17.50	15.97	0%	17.50	0.563	1/1/2030	18.06	2030
2/1/2030	17.50	15.99	0%	17.50	0.563	2/1/2030	18.06	2030
3/1/2030	17.50	16.01	0%	17.50	0.563	3/1/2030	18.06	2030
4/1/2030	17.50	16.03	0%	17.50	0.563	4/1/2030	18.06	2030

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5/1/2030	17.50	16.05	0%	17.50	0.563	5/1/2030	18.06	2030
6/1/2030	17.50	16.08	0%	17.50	0.563	6/1/2030	18.06	2030
7/1/2030	17.50	16.00	0%	17.50	0.563	7/1/2030	18.06	2030
8/1/2030	17.50	16.00	0%	17.50	0.563	8/1/2030	18.06	2030
9/1/2030	17.50	16.67	0%	17.50	0.563	9/1/2030	18.06	2030
10/1/2030	17.50	16.36	0%	17.50	0.563	10/1/2030	18.06	2030
11/1/2030	17.50	16.09	0%	17.50	0.563	11/1/2030	18.06	2030
12/1/2030	17.50	16.12	0%	17.50	0.563	12/1/2030	18.06	2030
1/1/2031	17.89	16.29	0%	17.89	0.571	1/1/2031	18.46	2031
2/1/2031	17.89	16.31	0%	17.89	0.571	2/1/2031	18.46	2031
3/1/2031	17.89	16.33	0%	17.89	0.571	3/1/2031	18.46	2031
4/1/2031	17.89	16.35	0%	17.89	0.571	4/1/2031	18.46	2031
5/1/2031	17.89	16.38	0%	17.89	0.571	5/1/2031	18.46	2031
6/1/2031	17.89	16.40	0%	17.89	0.571	6/1/2031	18.46	2031
7/1/2031	17.89	16.32	0%	17.89	0.571	7/1/2031	18.46	2031
8/1/2031	17.89	16.32	0%	17.89	0.571	8/1/2031	18.46	2031
9/1/2031	17.89	17.01	0%	17.89	0.571	9/1/2031	18.46	2031
10/1/2031	17.89	16.69	0%	17.89	0.571	10/1/2031	18.46	2031
11/1/2031	17.89	16.41	0%	17.89	0.571	11/1/2031	18.46	2031
12/1/2031	17.89	16.44	0%	17.89	0.571	12/1/2031	18.46	2031
1/1/2032	18.30	16.62	0%	18.30	0.580	1/1/2032	18.88	2032
2/1/2032	18.30	16.64	0%	18.30	0.580	2/1/2032	18.88	2032
3/1/2032	18.30	16.66	0%	18.30	0.580	3/1/2032	18.88	2032
4/1/2032	18.30	16.68	0%	18.30	0.580	4/1/2032	18.88	2032
5/1/2032	18.30	16.70	0%	18.30	0.580	5/1/2032	18.88	2032
6/1/2032	18.30	16.72	0%	18.30	0.580	6/1/2032	18.88	2032
7/1/2032	18.30	16.65	0%	18.30	0.580	7/1/2032	18.88	2032
8/1/2032	18.30	16.65	0%	18.30	0.580	8/1/2032	18.88	2032
9/1/2032	18.30	17.35	0%	18.30	0.580	9/1/2032	18.88	2032
10/1/2032	18.30	17.02	0%	18.30	0.580	10/1/2032	18.88	2032
11/1/2032	18.30	16.74	0%	18.30	0.580	11/1/2032	18.88	2032
12/1/2032	18.30	16.77	0%	18.30	0.580	12/1/2032	18.88	2032
1/1/2033	18.73	16.95	0%	18.73	0.588	1/1/2033	19.31	2033
2/1/2033	18.73	16.97	0%	18.73	0.588	2/1/2033	19.31	2033
3/1/2033	18.73	16.99	0%	18.73	0.588	3/1/2033	19.31	2033
4/1/2033	18.73	17.01	0%	18.73	0.588	4/1/2033	19.31	2033
5/1/2033	18.73	17.04	0%	18.73	0.588	5/1/2033	19.31	2033
6/1/2033	18.73	17.06	0%	18.73	0.588	6/1/2033	19.31	2033
7/1/2033	18.73	16.98	0%	18.73	0.588	7/1/2033	19.31	2033
8/1/2033	18.73	16.98	0%	18.73	0.588	8/1/2033	19.31	2033
9/1/2033	18.73	17.69	0%	18.73	0.588	9/1/2033	19.31	2033
10/1/2033	18.73	17.36	0%	18.73	0.588	10/1/2033	19.31	2033
11/1/2033	18.73	17.07	0%	18.73	0.588	11/1/2033	19.31	2033
12/1/2033	18.73	17.10	0%	18.73	0.588	12/1/2033	19.31	2033
1/1/2034	19.16	17.29	0%	19.16	0.597	1/1/2034	19.75	2034
2/1/2034	19.16	17.31	0%	19.16	0.597	2/1/2034	19.75	2034
3/1/2034	19.16	17.33	0%	19.16	0.597	3/1/2034	19.75	2034
4/1/2034	19.16	17.36	0%	19.16	0.597	4/1/2034	19.75	2034
5/1/2034	19.16	17.38	0%	19.16	0.597	5/1/2034	19.75	2034
6/1/2034	19.16	17.40	0%	19.16	0.597	6/1/2034	19.75	2034
7/1/2034	19.16	17.32	0%	19.16	0.597	7/1/2034	19.75	2034
8/1/2034	19.16	17.32	0%	19.16	0.597	8/1/2034	19.75	2034
9/1/2034	19.16	18.05	0%	19.16	0.597	9/1/2034	19.75	2034
10/1/2034	19.16	17.71	0%	19.16	0.597	10/1/2034	19.75	2034
11/1/2034	19.16	17.41	0%	19.16	0.597	11/1/2034	19.75	2034
12/1/2034	19.16	17.44	0%	19.16	0.597	12/1/2034	19.75	2034
1/1/2035	19.60	17.63	0%	19.60	0.606	1/1/2035	20.20	2035
2/1/2035	19.60	17.66	0%	19.60	0.606	2/1/2035	20.20	2035
3/1/2035	19.60	17.68	0%	19.60	0.606	3/1/2035	20.20	2035
4/1/2035	19.60	17.70	0%	19.60	0.606	4/1/2035	20.20	2035
5/1/2035	19.60	17.73	0%	19.60	0.606	5/1/2035	20.20	2035
6/1/2035	19.60	17.75	0%	19.60	0.606	6/1/2035	20.20	2035
7/1/2035	19.60	17.67	0%	19.60	0.606	7/1/2035	20.20	2035
8/1/2035	19.60	17.67	0%	19.60	0.606	8/1/2035	20.20	2035
9/1/2035	19.60	18.41	0%	19.60	0.606	9/1/2035	20.20	2035
10/1/2035	19.60	18.06	0%	19.60	0.606	10/1/2035	20.20	2035
11/1/2035	19.60	17.76	0%	19.60	0.606	11/1/2035	20.20	2035
12/1/2035	19.60	17.79	0%	19.60	0.606	12/1/2035	20.20	2035
1/1/2036	20.05	17.99	0%	20.05	0.606	1/1/2036	20.66	2036
2/1/2036	20.05	18.01	0%	20.05	0.606	2/1/2036	20.66	2036
3/1/2036	20.05	18.03	0%	20.05	0.615	3/1/2036	20.67	2036

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4/1/2036	20.05	18.06	0%	20.05	0.615	4/1/2036	20.67	2036
5/1/2036	20.05	18.08	0%	20.05	0.615	5/1/2036	20.67	2036
6/1/2036	20.05	18.10	0%	20.05	0.615	6/1/2036	20.67	2036
7/1/2036	20.05	18.02	0%	20.05	0.615	7/1/2036	20.67	2036
8/1/2036	20.05	18.02	0%	20.05	0.615	8/1/2036	20.67	2036
9/1/2036	20.05	18.78	0%	20.05	0.615	9/1/2036	20.67	2036
10/1/2036	20.05	18.42	0%	20.05	0.615	10/1/2036	20.67	2036
11/1/2036	20.05	18.12	0%	20.05	0.615	11/1/2036	20.67	2036
12/1/2036	20.05	18.15	0%	20.05	0.615	12/1/2036	20.67	2036
1/1/2037	20.52	18.35	0%	20.52	0.615	1/1/2037	21.14	2037
2/1/2037	20.52	18.37	0%	20.52	0.615	2/1/2037	21.14	2037
3/1/2037	20.52	18.39	0%	20.52	0.624	3/1/2037	21.15	2037
4/1/2037	20.52	18.42	0%	20.52	0.624	4/1/2037	21.15	2037
5/1/2037	20.52	18.44	0%	20.52	0.624	5/1/2037	21.15	2037
6/1/2037	20.52	18.47	0%	20.52	0.624	6/1/2037	21.15	2037
7/1/2037	20.52	18.38	0%	20.52	0.624	7/1/2037	21.15	2037
8/1/2037	20.52	18.38	0%	20.52	0.624	8/1/2037	21.15	2037
9/1/2037	20.52	19.15	0%	20.52	0.624	9/1/2037	21.15	2037
10/1/2037	20.52	18.79	0%	20.52	0.624	10/1/2037	21.15	2037
11/1/2037	20.52	18.48	0%	20.52	0.624	11/1/2037	21.15	2037
12/1/2037	20.52	18.51	0%	20.52	0.624	12/1/2037	21.15	2037
1/1/2038	20.91	18.71	0%	20.91	0.624	1/1/2038	21.53	2038
2/1/2038	20.91	18.74	0%	20.91	0.624	2/1/2038	21.53	2038
3/1/2038	20.91	18.76	0%	20.91	0.634	3/1/2038	21.54	2038
4/1/2038	20.91	18.79	0%	20.91	0.634	4/1/2038	21.54	2038
5/1/2038	20.91	18.81	0%	20.91	0.634	5/1/2038	21.54	2038
6/1/2038	20.91	18.83	0%	20.91	0.634	6/1/2038	21.54	2038
7/1/2038	20.91	18.75	0%	20.91	0.634	7/1/2038	21.54	2038
8/1/2038	20.91	18.75	0%	20.91	0.634	8/1/2038	21.54	2038
9/1/2038	20.91	19.53	0%	20.91	0.634	9/1/2038	21.54	2038
10/1/2038	20.91	19.17	0%	20.91	0.634	10/1/2038	21.54	2038
11/1/2038	20.91	18.85	0%	20.91	0.634	11/1/2038	21.54	2038
12/1/2038	20.91	18.88	0%	20.91	0.634	12/1/2038	21.54	2038
1/1/2039	21.29	19.09	0%	21.29	0.634	1/1/2039	21.92	2039
2/1/2039	21.29	19.11	0%	21.29	0.634	2/1/2039	21.92	2039
3/1/2039	21.29	19.14	0%	21.29	0.643	3/1/2039	21.93	2039
4/1/2039	21.29	19.16	0%	21.29	0.643	4/1/2039	21.93	2039
5/1/2039	21.29	19.19	0%	21.29	0.643	5/1/2039	21.93	2039
6/1/2039	21.29	19.21	0%	21.29	0.643	6/1/2039	21.93	2039
7/1/2039	21.29	19.13	0%	21.29	0.643	7/1/2039	21.93	2039
8/1/2039	21.29	19.13	0%	21.29	0.643	8/1/2039	21.93	2039
9/1/2039	21.29	19.93	0%	21.29	0.643	9/1/2039	21.93	2039
10/1/2039	21.29	19.55	0%	21.29	0.643	10/1/2039	21.93	2039
11/1/2039	21.29	19.22	0%	21.29	0.643	11/1/2039	21.93	2039
12/1/2039	21.29	19.26	0%	21.29	0.643	12/1/2039	21.93	2039
1/1/2040	21.42	19.47	0%	21.42	0.643	1/1/2040	22.07	2040
2/1/2040	21.42	19.49	0%	21.42	0.643	2/1/2040	22.07	2040
3/1/2040	21.42	19.52	0%	21.42	0.653	3/1/2040	22.07	2040
4/1/2040	21.42	19.54	0%	21.42	0.653	4/1/2040	22.07	2040
5/1/2040	21.42	19.57	0%	21.42	0.653	5/1/2040	22.07	2040
6/1/2040	21.42	19.60	0%	21.42	0.653	6/1/2040	22.07	2040
7/1/2040	21.42	19.51	0%	21.42	0.653	7/1/2040	22.07	2040
8/1/2040	21.42	19.51	0%	21.42	0.653	8/1/2040	22.07	2040
9/1/2040	21.42	20.32	0%	21.42	0.653	9/1/2040	22.07	2040
10/1/2040	21.42	19.94	0%	21.42	0.653	10/1/2040	22.07	2040
11/1/2040	21.42	19.61	0%	21.42	0.653	11/1/2040	22.07	2040
12/1/2040	21.42	19.64	0%	21.42	0.653	12/1/2040	22.07	2040
1/1/2041	21.98	19.86	0%	21.98	0.653	1/1/2041	22.63	2041
2/1/2041	21.98	19.88	0%	21.98	0.653	2/1/2041	22.63	2041
3/1/2041	21.98	19.91	0%	21.98	0.663	3/1/2041	22.64	2041
4/1/2041	21.98	19.94	0%	21.98	0.663	4/1/2041	22.64	2041
5/1/2041	21.98	19.96	0%	21.98	0.663	5/1/2041	22.64	2041
6/1/2041	21.98	19.99	0%	21.98	0.663	6/1/2041	22.64	2041
7/1/2041	21.98	19.90	0%	21.98	0.663	7/1/2041	22.64	2041
8/1/2041	21.98	19.90	0%	21.98	0.663	8/1/2041	22.64	2041
9/1/2041	21.98	20.73	0%	21.98	0.663	9/1/2041	22.64	2041
10/1/2041	21.98	20.34	0%	21.98	0.663	10/1/2041	22.64	2041
11/1/2041	21.98	20.00	0%	21.98	0.663	11/1/2041	22.64	2041
12/1/2041	21.98	20.04	0%	21.98	0.663	12/1/2041	22.64	2041
1/1/2042	22.55	20.25	0%	22.55	0.663	1/1/2042	23.21	2042
2/1/2042	22.55	20.28	0%	22.55	0.663	2/1/2042	23.21	2042

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3/1/2042	22.55	20.31	0%	22.55	0.673	3/1/2042	23.22	2042
4/1/2042	22.55	20.33	0%	22.55	0.673	4/1/2042	23.22	2042
5/1/2042	22.55	20.36	0%	22.55	0.673	5/1/2042	23.22	2042
6/1/2042	22.55	20.39	0%	22.55	0.673	6/1/2042	23.22	2042
7/1/2042	22.55	20.30	0%	22.55	0.673	7/1/2042	23.22	2042
8/1/2042	22.55	20.30	0%	22.55	0.673	8/1/2042	23.22	2042
9/1/2042	22.55	21.14	0%	22.55	0.673	9/1/2042	23.22	2042
10/1/2042	22.55	20.75	0%	22.55	0.673	10/1/2042	23.22	2042
11/1/2042	22.55	20.40	0%	22.55	0.673	11/1/2042	23.22	2042
12/1/2042	22.55	20.44	0%	22.55	0.673	12/1/2042	23.22	2042
1/1/2043	22.74	20.66	0%	22.74	0.673	1/1/2043	23.41	2043
2/1/2043	22.74	20.69	0%	22.74	0.673	2/1/2043	23.41	2043
3/1/2043	22.74	20.71	0%	22.74	0.683	3/1/2043	23.42	2043
4/1/2043	22.74	20.74	0%	22.74	0.683	4/1/2043	23.42	2043
5/1/2043	22.74	20.77	0%	22.74	0.683	5/1/2043	23.42	2043
6/1/2043	22.74	20.80	0%	22.74	0.683	6/1/2043	23.42	2043
7/1/2043	22.74	20.70	0%	22.74	0.683	7/1/2043	23.42	2043
8/1/2043	22.74	20.70	0%	22.74	0.683	8/1/2043	23.42	2043
9/1/2043	22.74	21.57	0%	22.74	0.683	9/1/2043	23.42	2043
10/1/2043	22.74	21.16	0%	22.74	0.683	10/1/2043	23.42	2043
11/1/2043	22.74	20.81	0%	22.74	0.683	11/1/2043	23.42	2043
12/1/2043	22.74	20.85	0%	22.74	0.683	12/1/2043	23.42	2043
1/1/2044	23.33	21.07	0%	23.33	0.683	1/1/2044	24.01	2044
2/1/2044	23.33	21.10	0%	23.33	0.683	2/1/2044	24.01	2044
3/1/2044	23.33	21.13	0%	23.33	0.693	3/1/2044	24.02	2044
4/1/2044	23.33	21.16	0%	23.33	0.693	4/1/2044	24.02	2044
5/1/2044	23.33	21.18	0%	23.33	0.693	5/1/2044	24.02	2044
6/1/2044	23.33	21.21	0%	23.33	0.693	6/1/2044	24.02	2044
7/1/2044	23.33	21.12	0%	23.33	0.693	7/1/2044	24.02	2044
8/1/2044	23.33	21.12	0%	23.33	0.693	8/1/2044	24.02	2044
9/1/2044	23.33	22.00	0%	23.33	0.693	9/1/2044	24.02	2044
10/1/2044	23.33	21.59	0%	23.33	0.693	10/1/2044	24.02	2044
11/1/2044	23.33	21.22	0%	23.33	0.693	11/1/2044	24.02	2044
12/1/2044	23.33	21.26	0%	23.33	0.693	12/1/2044	24.02	2044
1/1/2045	23.52	21.49	0%	23.52	0.693	1/1/2045	24.21	2045
2/1/2045	23.52	21.52	0%	23.52	0.693	2/1/2045	24.21	2045
3/1/2045	23.52	21.55	0%	23.52	0.703	3/1/2045	24.22	2045
4/1/2045	23.52	21.58	0%	23.52	0.703	4/1/2045	24.22	2045
5/1/2045	23.52	21.61	0%	23.52	0.703	5/1/2045	24.22	2045
6/1/2045	23.52	21.64	0%	23.52	0.703	6/1/2045	24.22	2045
7/1/2045	23.52	21.54	0%	23.52	0.703	7/1/2045	24.22	2045
8/1/2045	23.52	21.54	0%	23.52	0.703	8/1/2045	24.22	2045
9/1/2045	23.52	22.44	0%	23.52	0.703	9/1/2045	24.22	2045
10/1/2045	23.52	22.02	0%	23.52	0.703	10/1/2045	24.22	2045
11/1/2045	23.52	21.65	0%	23.52	0.703	11/1/2045	24.22	2045
12/1/2045	23.52	21.69	0%	23.52	0.703	12/1/2045	24.22	2045
1/1/2046	24.12	21.92	0%	24.12	0.703	1/1/2046	24.82	2046
2/1/2046	24.12	21.95	0%	24.12	0.703	2/1/2046	24.82	2046
3/1/2046	24.12	21.98	0%	24.12	0.714	3/1/2046	24.83	2046
4/1/2046	24.12	22.01	0%	24.12	0.714	4/1/2046	24.83	2046
5/1/2046	24.12	22.04	0%	24.12	0.714	5/1/2046	24.83	2046
6/1/2046	24.12	22.07	0%	24.12	0.714	6/1/2046	24.83	2046
7/1/2046	24.12	21.97	0%	24.12	0.714	7/1/2046	24.83	2046
8/1/2046	24.12	21.97	0%	24.12	0.714	8/1/2046	24.83	2046
9/1/2046	24.12	22.89	0%	24.12	0.714	9/1/2046	24.83	2046
10/1/2046	24.12	22.46	0%	24.12	0.714	10/1/2046	24.83	2046
11/1/2046	24.12	22.08	0%	24.12	0.714	11/1/2046	24.83	2046
12/1/2046	24.12	22.12	0%	24.12	0.714	12/1/2046	24.83	2046
1/1/2047	24.73	22.36	0%	24.73	0.714	1/1/2047	25.44	2047
2/1/2047	24.73	22.39	0%	24.73	0.714	2/1/2047	25.44	2047
3/1/2047	24.73	22.42	0%	24.73	0.725	3/1/2047	25.45	2047
4/1/2047	24.73	22.45	0%	24.73	0.725	4/1/2047	25.45	2047
5/1/2047	24.73	22.48	0%	24.73	0.725	5/1/2047	25.45	2047
6/1/2047	24.73	22.51	0%	24.73	0.725	6/1/2047	25.45	2047
7/1/2047	24.73	22.41	0%	24.73	0.725	7/1/2047	25.45	2047
8/1/2047	24.73	22.41	0%	24.73	0.725	8/1/2047	25.45	2047
9/1/2047	24.73	23.35	0%	24.73	0.725	9/1/2047	25.45	2047
10/1/2047	24.73	22.91	0%	24.73	0.725	10/1/2047	25.45	2047
11/1/2047	24.73	22.52	0%	24.73	0.725	11/1/2047	25.45	2047
12/1/2047	24.73	22.57	0%	24.73	0.725	12/1/2047	25.45	2047
1/1/2048	24.91	22.81	0%	24.91	0.725	1/1/2048	25.63	2048

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2/1/2048	24.91	22.84	0%	24.91	0.725	2/1/2048	25.63	2048
3/1/2048	24.91	22.87	0%	24.91	0.735	3/1/2048	25.64	2048
4/1/2048	24.91	22.90	0%	24.91	0.735	4/1/2048	25.64	2048
5/1/2048	24.91	22.93	0%	24.91	0.735	5/1/2048	25.64	2048
6/1/2048	24.91	22.96	0%	24.91	0.735	6/1/2048	25.64	2048
7/1/2048	24.91	22.86	0%	24.91	0.735	7/1/2048	25.64	2048
8/1/2048	24.91	22.86	0%	24.91	0.735	8/1/2048	25.64	2048
9/1/2048	24.91	23.81	0%	24.91	0.735	9/1/2048	25.64	2048
10/1/2048	24.91	23.37	0%	24.91	0.735	10/1/2048	25.64	2048
11/1/2048	24.91	22.97	0%	24.91	0.735	11/1/2048	25.64	2048
12/1/2048	24.91	23.02	0%	24.91	0.735	12/1/2048	25.64	2048
1/1/2049	25.53	23.27	0%	25.53	0.735	1/1/2049	26.27	2049
2/1/2049	25.53	23.30	0%	25.53	0.735	2/1/2049	26.27	2049
3/1/2049	25.53	23.33	0%	25.53	0.746	3/1/2049	26.28	2049
4/1/2049	25.53	23.36	0%	25.53	0.746	4/1/2049	26.28	2049
5/1/2049	25.53	23.39	0%	25.53	0.746	5/1/2049	26.28	2049
6/1/2049	25.53	23.42	0%	25.53	0.746	6/1/2049	26.28	2049
7/1/2049	25.53	23.32	0%	25.53	0.746	7/1/2049	26.28	2049
8/1/2049	25.53	23.32	0%	25.53	0.746	8/1/2049	26.28	2049
9/1/2049	25.53	24.29	0%	25.53	0.746	9/1/2049	26.28	2049
10/1/2049	25.53	23.83	0%	25.53	0.746	10/1/2049	26.28	2049
11/1/2049	25.53	23.43	0%	25.53	0.746	11/1/2049	26.28	2049
12/1/2049	25.53	23.48	0%	25.53	0.746	12/1/2049	26.28	2049
1/1/2050	25.53	23.73	0%	25.53	0.746	1/1/2050	26.28	2050
2/1/2050	25.53	23.76	0%	25.53	0.746	2/1/2050	26.28	2050
3/1/2050	25.53	23.79	0%	25.53	0.758	3/1/2050	26.29	2050
4/1/2050	25.53	23.83	0%	25.53	0.758	4/1/2050	26.29	2050
5/1/2050	25.53	23.86	0%	25.53	0.758	5/1/2050	26.29	2050
6/1/2050	25.53	23.89	0%	25.53	0.758	6/1/2050	26.29	2050
7/1/2050	25.53	23.78	0%	25.53	0.758	7/1/2050	26.29	2050
8/1/2050	25.53	23.78	0%	25.53	0.758	8/1/2050	26.29	2050
9/1/2050	25.53	24.77	0%	25.53	0.758	9/1/2050	26.29	2050
10/1/2050	25.53	24.31	0%	25.53	0.758	10/1/2050	26.29	2050
11/1/2050	25.53	23.90	0%	25.53	0.758	11/1/2050	26.29	2050
12/1/2050	25.53	23.95	0%	25.53	0.758	12/1/2050	26.29	2050

Shady Hills

PETROLEUM PRODUCT PRICE FORECAST DATA

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Date	Petroleum Product Price Forecast - Gulf Coast	TCM	Blend TCM/ Fundamental (%)	Blend TCM/ Fundamental ($)	Shady Hills Transport ($/MMBtu)
1/1/2019	14.62	12.93	100%	12.93	0.551
2/1/2019	14.62	13.87	100%	13.87	0.551
3/1/2019	14.62	13.78	100%	13.78	0.551
4/1/2019	14.62	14.33	100%	14.33	0.551
5/1/2019	14.62	14.29	100%	14.29	0.551
6/1/2019	14.62	13.17	100%	13.17	0.551
7/1/2019	14.62	13.86	100%	13.86	0.551
8/1/2019	14.62	13.04	100%	13.04	0.551
9/1/2019	14.62	13.58	100%	13.58	0.551
10/1/2019	14.62	13.31	100%	13.31	0.551
11/1/2019	14.62	13.08	100%	13.08	0.551
12/1/2019	14.62	13.09	100%	13.09	0.551
1/1/2020	13.66	13.80	100%	13.80	0.559
2/1/2020	13.66	14.09	100%	14.09	0.559
3/1/2020	13.66	14.60	100%	14.60	0.559
4/1/2020	13.66	14.42	100%	14.42	0.559
5/1/2020	13.66	13.11	100%	13.11	0.559
6/1/2020	13.66	13.60	100%	13.60	0.559
7/1/2020	13.66	12.98	100%	12.98	0.559
8/1/2020	13.66	13.82	100%	13.82	0.559
9/1/2020	13.66	13.64	100%	13.64	0.559
10/1/2020	13.66	13.38	100%	13.38	0.559
11/1/2020	13.66	13.16	100%	13.16	0.559
12/1/2020	13.66	13.18	100%	13.18	0.559
1/1/2021	13.38	13.24	100%	13.24	0.567
2/1/2021	13.38	13.26	100%	13.26	0.567
3/1/2021	13.38	13.28	100%	13.28	0.567
4/1/2021	13.38	13.30	100%	13.30	0.567
5/1/2021	13.38	13.31	100%	13.31	0.567
6/1/2021	13.38	13.33	100%	13.33	0.567
7/1/2021	13.38	13.33	100%	13.33	0.567
8/1/2021	13.38	13.33	100%	13.33	0.567
9/1/2021	13.38	13.89	100%	13.89	0.567
10/1/2021	13.38	13.63	100%	13.63	0.567
11/1/2021	13.38	13.40	100%	13.40	0.567
12/1/2021	13.38	13.42	100%	13.42	0.567
1/1/2022	13.44	13.57	96%	13.57	0.576
2/1/2022	13.44	13.59	92%	13.58	0.576
3/1/2022	13.44	13.61	88%	13.59	0.576
4/1/2022	13.44	13.62	84%	13.60	0.576
5/1/2022	13.44	13.64	80%	13.60	0.576
6/1/2022	13.44	13.66	76%	13.61	0.576
7/1/2022	13.44	13.66	72%	13.60	0.576
8/1/2022	13.44	13.66	68%	13.59	0.576
9/1/2022	13.44	14.23	64%	13.95	0.576
10/1/2022	13.44	13.96	60%	13.76	0.576
11/1/2022	13.44	13.73	56%	13.60	0.576
12/1/2022	13.44	13.75	52%	13.60	0.576
1/1/2023	13.75	13.90	48%	13.82	0.585
2/1/2023	13.75	13.92	44%	13.83	0.585
3/1/2023	13.75	13.94	40%	13.83	0.585
4/1/2023	13.75	13.96	36%	13.82	0.585
5/1/2023	13.75	13.98	32%	13.82	0.585
6/1/2023	13.75	13.99	28%	13.82	0.585
7/1/2023	13.75	13.93	24%	13.79	0.585
8/1/2023	13.75	13.93	20%	13.79	0.585
9/1/2023	13.75	14.51	16%	13.87	0.585
10/1/2023	13.75	14.24	12%	13.81	0.585
11/1/2023	13.75	14.00	8%	13.77	0.585
12/1/2023	13.75	14.03	4%	13.76	0.585
1/1/2024	14.08	14.18	0%	14.08	0.593
2/1/2024	14.08	14.20	0%	14.08	0.593
3/1/2024	14.08	14.22	0%	14.08	0.593
4/1/2024	14.08	14.24	0%	14.08	0.593
5/1/2024	14.08	14.26	0%	14.08	0.593

PROSYM INPUT

Date	nomianl$/MMBtu
1/1/2019	13.48
2/1/2019	14.42
3/1/2019	14.33
4/1/2019	14.88
5/1/2019	14.84
6/1/2019	13.72
7/1/2019	14.41
8/1/2019	13.59
9/1/2019	14.13
10/1/2019	13.86
11/1/2019	13.63
12/1/2019	13.64
1/1/2020	14.36
2/1/2020	14.65
3/1/2020	15.15
4/1/2020	14.98
5/1/2020	13.66
6/1/2020	14.16
7/1/2020	13.54
8/1/2020	14.38
9/1/2020	14.19
10/1/2020	13.94
11/1/2020	13.72
12/1/2020	13.74
1/1/2021	13.81
2/1/2021	13.83
3/1/2021	13.85
4/1/2021	13.86
5/1/2021	13.88
6/1/2021	13.90
7/1/2021	13.90
8/1/2021	13.90
9/1/2021	14.46
10/1/2021	14.20
11/1/2021	13.97
12/1/2021	13.99
1/1/2022	14.14
2/1/2022	14.15
3/1/2022	14.16
4/1/2022	14.17
5/1/2022	14.18
6/1/2022	14.18
7/1/2022	14.17
8/1/2022	14.17
9/1/2022	14.52
10/1/2022	14.33
11/1/2022	14.18
12/1/2022	14.18
1/1/2023	14.41
2/1/2023	14.41
3/1/2023	14.41
4/1/2023	14.41
5/1/2023	14.41
6/1/2023	14.40
7/1/2023	14.38
8/1/2023	14.37
9/1/2023	14.46
10/1/2023	14.39
11/1/2023	14.35
12/1/2023	14.35
1/1/2024	14.68
2/1/2024	14.68
3/1/2024	14.68
4/1/2024	14.68
5/1/2024	14.68

ANNUAL AVERAGE

	Shady Hills
2019	14.08
2020	14.21
2021	13.96
2022	14.21
2023	14.40
2024	14.68
2025	15.04
2026	15.61
2027	16.26
2028	17.02
2029	17.71
2030	18.15
2031	18.55
2032	18.97
2033	19.40
2034	19.85
2035	20.30
2036	20.76
2037	21.24
2038	21.64
2039	22.03
2040	22.17
2041	22.74
2042	23.32
2043	23.52
2044	24.13
2045	24.33
2046	24.94
2047	25.56
2048	25.75
2049	26.39
2050	26.41

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6/1/2024	14.08	14.27	0%	14.08	0.593	6/1/2024	14.68	2024
7/1/2024	14.08	14.21	0%	14.08	0.593	7/1/2024	14.68	2024
8/1/2024	14.08	14.21	0%	14.08	0.593	8/1/2024	14.68	2024
9/1/2024	14.08	14.80	0%	14.08	0.593	9/1/2024	14.68	2024
10/1/2024	14.08	14.53	0%	14.08	0.593	10/1/2024	14.68	2024
11/1/2024	14.08	14.28	0%	14.08	0.593	11/1/2024	14.68	2024
12/1/2024	14.08	14.31	0%	14.08	0.593	12/1/2024	14.68	2024
1/1/2025	14.43	14.47	0%	14.43	0.602	1/1/2025	15.04	2025
2/1/2025	14.43	14.48	0%	14.43	0.602	2/1/2025	15.04	2025
3/1/2025	14.43	14.50	0%	14.43	0.602	3/1/2025	15.04	2025
4/1/2025	14.43	14.52	0%	14.43	0.602	4/1/2025	15.04	2025
5/1/2025	14.43	14.54	0%	14.43	0.602	5/1/2025	15.04	2025
6/1/2025	14.43	14.56	0%	14.43	0.602	6/1/2025	15.04	2025
7/1/2025	14.43	14.50	0%	14.43	0.602	7/1/2025	15.04	2025
8/1/2025	14.43	14.50	0%	14.43	0.602	8/1/2025	15.04	2025
9/1/2025	14.43	15.10	0%	14.43	0.602	9/1/2025	15.04	2025
10/1/2025	14.43	14.82	0%	14.43	0.602	10/1/2025	15.04	2025
11/1/2025	14.43	14.57	0%	14.43	0.602	11/1/2025	15.04	2025
12/1/2025	14.43	14.60	0%	14.43	0.602	12/1/2025	15.04	2025
1/1/2026	15.00	14.75	0%	15.00	0.611	1/1/2026	15.61	2026
2/1/2026	15.00	14.77	0%	15.00	0.611	2/1/2026	15.61	2026
3/1/2026	15.00	14.79	0%	15.00	0.611	3/1/2026	15.61	2026
4/1/2026	15.00	14.81	0%	15.00	0.611	4/1/2026	15.61	2026
5/1/2026	15.00	14.83	0%	15.00	0.611	5/1/2026	15.61	2026
6/1/2026	15.00	14.85	0%	15.00	0.611	6/1/2026	15.61	2026
7/1/2026	15.00	14.79	0%	15.00	0.611	7/1/2026	15.61	2026
8/1/2026	15.00	14.79	0%	15.00	0.611	8/1/2026	15.61	2026
9/1/2026	15.00	15.40	0%	15.00	0.611	9/1/2026	15.61	2026
10/1/2026	15.00	15.11	0%	15.00	0.611	10/1/2026	15.61	2026
11/1/2026	15.00	14.86	0%	15.00	0.611	11/1/2026	15.61	2026
12/1/2026	15.00	14.89	0%	15.00	0.611	12/1/2026	15.61	2026
1/1/2027	15.64	15.05	0%	15.64	0.620	1/1/2027	16.26	2027
2/1/2027	15.64	15.07	0%	15.64	0.620	2/1/2027	16.26	2027
3/1/2027	15.64	15.09	0%	15.64	0.620	3/1/2027	16.26	2027
4/1/2027	15.64	15.11	0%	15.64	0.620	4/1/2027	16.26	2027
5/1/2027	15.64	15.13	0%	15.64	0.620	5/1/2027	16.26	2027
6/1/2027	15.64	15.15	0%	15.64	0.620	6/1/2027	16.26	2027
7/1/2027	15.64	15.08	0%	15.64	0.620	7/1/2027	16.26	2027
8/1/2027	15.64	15.08	0%	15.64	0.620	8/1/2027	16.26	2027
9/1/2027	15.64	15.71	0%	15.64	0.620	9/1/2027	16.26	2027
10/1/2027	15.64	15.42	0%	15.64	0.620	10/1/2027	16.26	2027
11/1/2027	15.64	15.16	0%	15.64	0.620	11/1/2027	16.26	2027
12/1/2027	15.64	15.19	0%	15.64	0.620	12/1/2027	16.26	2027
1/1/2028	16.39	15.35	0%	16.39	0.630	1/1/2028	17.02	2028
2/1/2028	16.39	15.37	0%	16.39	0.630	2/1/2028	17.02	2028
3/1/2028	16.39	15.39	0%	16.39	0.630	3/1/2028	17.02	2028
4/1/2028	16.39	15.41	0%	16.39	0.630	4/1/2028	17.02	2028
5/1/2028	16.39	15.43	0%	16.39	0.630	5/1/2028	17.02	2028
6/1/2028	16.39	15.45	0%	16.39	0.630	6/1/2028	17.02	2028
7/1/2028	16.39	15.38	0%	16.39	0.630	7/1/2028	17.02	2028
8/1/2028	16.39	15.38	0%	16.39	0.630	8/1/2028	17.02	2028
9/1/2028	16.39	16.03	0%	16.39	0.630	9/1/2028	17.02	2028
10/1/2028	16.39	15.73	0%	16.39	0.630	10/1/2028	17.02	2028
11/1/2028	16.39	15.46	0%	16.39	0.630	11/1/2028	17.02	2028
12/1/2028	16.39	15.49	0%	16.39	0.630	12/1/2028	17.02	2028
1/1/2029	17.07	15.66	0%	17.07	0.639	1/1/2029	17.71	2029
2/1/2029	17.07	15.68	0%	17.07	0.639	2/1/2029	17.71	2029
3/1/2029	17.07	15.70	0%	17.07	0.639	3/1/2029	17.71	2029
4/1/2029	17.07	15.72	0%	17.07	0.639	4/1/2029	17.71	2029
5/1/2029	17.07	15.74	0%	17.07	0.639	5/1/2029	17.71	2029
6/1/2029	17.07	15.76	0%	17.07	0.639	6/1/2029	17.71	2029
7/1/2029	17.07	15.69	0%	17.07	0.639	7/1/2029	17.71	2029
8/1/2029	17.07	15.69	0%	17.07	0.639	8/1/2029	17.71	2029
9/1/2029	17.07	16.35	0%	17.07	0.639	9/1/2029	17.71	2029
10/1/2029	17.07	16.04	0%	17.07	0.639	10/1/2029	17.71	2029
11/1/2029	17.07	15.77	0%	17.07	0.639	11/1/2029	17.71	2029
12/1/2029	17.07	15.80	0%	17.07	0.639	12/1/2029	17.71	2029
1/1/2030	17.50	15.97	0%	17.50	0.649	1/1/2030	18.15	2030
2/1/2030	17.50	15.99	0%	17.50	0.649	2/1/2030	18.15	2030
3/1/2030	17.50	16.01	0%	17.50	0.649	3/1/2030	18.15	2030
4/1/2030	17.50	16.03	0%	17.50	0.649	4/1/2030	18.15	2030

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5/1/2030	17.50	16.05	0%	17.50	0.649	5/1/2030	18.15	2030
6/1/2030	17.50	16.08	0%	17.50	0.649	6/1/2030	18.15	2030
7/1/2030	17.50	16.00	0%	17.50	0.649	7/1/2030	18.15	2030
8/1/2030	17.50	16.00	0%	17.50	0.649	8/1/2030	18.15	2030
9/1/2030	17.50	16.67	0%	17.50	0.649	9/1/2030	18.15	2030
10/1/2030	17.50	16.36	0%	17.50	0.649	10/1/2030	18.15	2030
11/1/2030	17.50	16.09	0%	17.50	0.649	11/1/2030	18.15	2030
12/1/2030	17.50	16.12	0%	17.50	0.649	12/1/2030	18.15	2030
1/1/2031	17.89	16.29	0%	17.89	0.658	1/1/2031	18.55	2031
2/1/2031	17.89	16.31	0%	17.89	0.658	2/1/2031	18.55	2031
3/1/2031	17.89	16.33	0%	17.89	0.658	3/1/2031	18.55	2031
4/1/2031	17.89	16.35	0%	17.89	0.658	4/1/2031	18.55	2031
5/1/2031	17.89	16.38	0%	17.89	0.658	5/1/2031	18.55	2031
6/1/2031	17.89	16.40	0%	17.89	0.658	6/1/2031	18.55	2031
7/1/2031	17.89	16.32	0%	17.89	0.658	7/1/2031	18.55	2031
8/1/2031	17.89	16.32	0%	17.89	0.658	8/1/2031	18.55	2031
9/1/2031	17.89	17.01	0%	17.89	0.658	9/1/2031	18.55	2031
10/1/2031	17.89	16.69	0%	17.89	0.658	10/1/2031	18.55	2031
11/1/2031	17.89	16.41	0%	17.89	0.658	11/1/2031	18.55	2031
12/1/2031	17.89	16.44	0%	17.89	0.658	12/1/2031	18.55	2031
1/1/2032	18.30	16.62	0%	18.30	0.668	1/1/2032	18.97	2032
2/1/2032	18.30	16.64	0%	18.30	0.668	2/1/2032	18.97	2032
3/1/2032	18.30	16.66	0%	18.30	0.668	3/1/2032	18.97	2032
4/1/2032	18.30	16.68	0%	18.30	0.668	4/1/2032	18.97	2032
5/1/2032	18.30	16.70	0%	18.30	0.668	5/1/2032	18.97	2032
6/1/2032	18.30	16.72	0%	18.30	0.668	6/1/2032	18.97	2032
7/1/2032	18.30	16.65	0%	18.30	0.668	7/1/2032	18.97	2032
8/1/2032	18.30	16.65	0%	18.30	0.668	8/1/2032	18.97	2032
9/1/2032	18.30	17.35	0%	18.30	0.668	9/1/2032	18.97	2032
10/1/2032	18.30	17.02	0%	18.30	0.668	10/1/2032	18.97	2032
11/1/2032	18.30	16.74	0%	18.30	0.668	11/1/2032	18.97	2032
12/1/2032	18.30	16.77	0%	18.30	0.668	12/1/2032	18.97	2032
1/1/2033	18.73	16.95	0%	18.73	0.678	1/1/2033	19.40	2033
2/1/2033	18.73	16.97	0%	18.73	0.678	2/1/2033	19.40	2033
3/1/2033	18.73	16.99	0%	18.73	0.678	3/1/2033	19.40	2033
4/1/2033	18.73	17.01	0%	18.73	0.678	4/1/2033	19.40	2033
5/1/2033	18.73	17.04	0%	18.73	0.678	5/1/2033	19.40	2033
6/1/2033	18.73	17.06	0%	18.73	0.678	6/1/2033	19.40	2033
7/1/2033	18.73	16.98	0%	18.73	0.678	7/1/2033	19.40	2033
8/1/2033	18.73	16.98	0%	18.73	0.678	8/1/2033	19.40	2033
9/1/2033	18.73	17.69	0%	18.73	0.678	9/1/2033	19.40	2033
10/1/2033	18.73	17.36	0%	18.73	0.678	10/1/2033	19.40	2033
11/1/2033	18.73	17.07	0%	18.73	0.678	11/1/2033	19.40	2033
12/1/2033	18.73	17.10	0%	18.73	0.678	12/1/2033	19.40	2033
1/1/2034	19.16	17.29	0%	19.16	0.689	1/1/2034	19.85	2034
2/1/2034	19.16	17.31	0%	19.16	0.689	2/1/2034	19.85	2034
3/1/2034	19.16	17.33	0%	19.16	0.689	3/1/2034	19.85	2034
4/1/2034	19.16	17.36	0%	19.16	0.689	4/1/2034	19.85	2034
5/1/2034	19.16	17.38	0%	19.16	0.689	5/1/2034	19.85	2034
6/1/2034	19.16	17.40	0%	19.16	0.689	6/1/2034	19.85	2034
7/1/2034	19.16	17.32	0%	19.16	0.689	7/1/2034	19.85	2034
8/1/2034	19.16	17.32	0%	19.16	0.689	8/1/2034	19.85	2034
9/1/2034	19.16	18.05	0%	19.16	0.689	9/1/2034	19.85	2034
10/1/2034	19.16	17.71	0%	19.16	0.689	10/1/2034	19.85	2034
11/1/2034	19.16	17.41	0%	19.16	0.689	11/1/2034	19.85	2034
12/1/2034	19.16	17.44	0%	19.16	0.689	12/1/2034	19.85	2034
1/1/2035	19.60	17.63	0%	19.60	0.699	1/1/2035	20.30	2035
2/1/2035	19.60	17.66	0%	19.60	0.699	2/1/2035	20.30	2035
3/1/2035	19.60	17.68	0%	19.60	0.699	3/1/2035	20.30	2035
4/1/2035	19.60	17.70	0%	19.60	0.699	4/1/2035	20.30	2035
5/1/2035	19.60	17.73	0%	19.60	0.699	5/1/2035	20.30	2035
6/1/2035	19.60	17.75	0%	19.60	0.699	6/1/2035	20.30	2035
7/1/2035	19.60	17.67	0%	19.60	0.699	7/1/2035	20.30	2035
8/1/2035	19.60	17.67	0%	19.60	0.699	8/1/2035	20.30	2035
9/1/2035	19.60	18.41	0%	19.60	0.699	9/1/2035	20.30	2035
10/1/2035	19.60	18.06	0%	19.60	0.699	10/1/2035	20.30	2035
11/1/2035	19.60	17.76	0%	19.60	0.699	11/1/2035	20.30	2035
12/1/2035	19.60	17.79	0%	19.60	0.699	12/1/2035	20.30	2035
1/1/2036	20.05	17.99	0%	20.05	0.699	1/1/2036	20.75	2036
2/1/2036	20.05	18.01	0%	20.05	0.699	2/1/2036	20.75	2036
3/1/2036	20.05	18.03	0%	20.05	0.709	3/1/2036	20.76	2036

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4/1/2036	20.05	18.06	0%	20.05	0.709	4/1/2036	20.76	2036
5/1/2036	20.05	18.08	0%	20.05	0.709	5/1/2036	20.76	2036
6/1/2036	20.05	18.10	0%	20.05	0.709	6/1/2036	20.76	2036
7/1/2036	20.05	18.02	0%	20.05	0.709	7/1/2036	20.76	2036
8/1/2036	20.05	18.02	0%	20.05	0.709	8/1/2036	20.76	2036
9/1/2036	20.05	18.78	0%	20.05	0.709	9/1/2036	20.76	2036
10/1/2036	20.05	18.42	0%	20.05	0.709	10/1/2036	20.76	2036
11/1/2036	20.05	18.12	0%	20.05	0.709	11/1/2036	20.76	2036
12/1/2036	20.05	18.15	0%	20.05	0.709	12/1/2036	20.76	2036
1/1/2037	20.52	18.35	0%	20.52	0.709	1/1/2037	21.23	2037
2/1/2037	20.52	18.37	0%	20.52	0.709	2/1/2037	21.23	2037
3/1/2037	20.52	18.39	0%	20.52	0.720	3/1/2037	21.24	2037
4/1/2037	20.52	18.42	0%	20.52	0.720	4/1/2037	21.24	2037
5/1/2037	20.52	18.44	0%	20.52	0.720	5/1/2037	21.24	2037
6/1/2037	20.52	18.47	0%	20.52	0.720	6/1/2037	21.24	2037
7/1/2037	20.52	18.38	0%	20.52	0.720	7/1/2037	21.24	2037
8/1/2037	20.52	18.38	0%	20.52	0.720	8/1/2037	21.24	2037
9/1/2037	20.52	19.15	0%	20.52	0.720	9/1/2037	21.24	2037
10/1/2037	20.52	18.79	0%	20.52	0.720	10/1/2037	21.24	2037
11/1/2037	20.52	18.48	0%	20.52	0.720	11/1/2037	21.24	2037
12/1/2037	20.52	18.51	0%	20.52	0.720	12/1/2037	21.24	2037
1/1/2038	20.91	18.71	0%	20.91	0.720	1/1/2038	21.63	2038
2/1/2038	20.91	18.74	0%	20.91	0.720	2/1/2038	21.63	2038
3/1/2038	20.91	18.76	0%	20.91	0.731	3/1/2038	21.64	2038
4/1/2038	20.91	18.79	0%	20.91	0.731	4/1/2038	21.64	2038
5/1/2038	20.91	18.81	0%	20.91	0.731	5/1/2038	21.64	2038
6/1/2038	20.91	18.83	0%	20.91	0.731	6/1/2038	21.64	2038
7/1/2038	20.91	18.75	0%	20.91	0.731	7/1/2038	21.64	2038
8/1/2038	20.91	18.75	0%	20.91	0.731	8/1/2038	21.64	2038
9/1/2038	20.91	19.53	0%	20.91	0.731	9/1/2038	21.64	2038
10/1/2038	20.91	19.17	0%	20.91	0.731	10/1/2038	21.64	2038
11/1/2038	20.91	18.85	0%	20.91	0.731	11/1/2038	21.64	2038
12/1/2038	20.91	18.88	0%	20.91	0.731	12/1/2038	21.64	2038
1/1/2039	21.29	19.09	0%	21.29	0.731	1/1/2039	22.02	2039
2/1/2039	21.29	19.11	0%	21.29	0.731	2/1/2039	22.02	2039
3/1/2039	21.29	19.14	0%	21.29	0.742	3/1/2039	22.03	2039
4/1/2039	21.29	19.16	0%	21.29	0.742	4/1/2039	22.03	2039
5/1/2039	21.29	19.19	0%	21.29	0.742	5/1/2039	22.03	2039
6/1/2039	21.29	19.21	0%	21.29	0.742	6/1/2039	22.03	2039
7/1/2039	21.29	19.13	0%	21.29	0.742	7/1/2039	22.03	2039
8/1/2039	21.29	19.13	0%	21.29	0.742	8/1/2039	22.03	2039
9/1/2039	21.29	19.93	0%	21.29	0.742	9/1/2039	22.03	2039
10/1/2039	21.29	19.55	0%	21.29	0.742	10/1/2039	22.03	2039
11/1/2039	21.29	19.22	0%	21.29	0.742	11/1/2039	22.03	2039
12/1/2039	21.29	19.26	0%	21.29	0.742	12/1/2039	22.03	2039
1/1/2040	21.42	19.47	0%	21.42	0.742	1/1/2040	22.16	2040
2/1/2040	21.42	19.49	0%	21.42	0.742	2/1/2040	22.16	2040
3/1/2040	21.42	19.52	0%	21.42	0.753	3/1/2040	22.17	2040
4/1/2040	21.42	19.54	0%	21.42	0.753	4/1/2040	22.17	2040
5/1/2040	21.42	19.57	0%	21.42	0.753	5/1/2040	22.17	2040
6/1/2040	21.42	19.60	0%	21.42	0.753	6/1/2040	22.17	2040
7/1/2040	21.42	19.51	0%	21.42	0.753	7/1/2040	22.17	2040
8/1/2040	21.42	19.51	0%	21.42	0.753	8/1/2040	22.17	2040
9/1/2040	21.42	20.32	0%	21.42	0.753	9/1/2040	22.17	2040
10/1/2040	21.42	19.94	0%	21.42	0.753	10/1/2040	22.17	2040
11/1/2040	21.42	19.61	0%	21.42	0.753	11/1/2040	22.17	2040
12/1/2040	21.42	19.64	0%	21.42	0.753	12/1/2040	22.17	2040
1/1/2041	21.98	19.86	0%	21.98	0.753	1/1/2041	22.73	2041
2/1/2041	21.98	19.88	0%	21.98	0.753	2/1/2041	22.73	2041
3/1/2041	21.98	19.91	0%	21.98	0.764	3/1/2041	22.74	2041
4/1/2041	21.98	19.94	0%	21.98	0.764	4/1/2041	22.74	2041
5/1/2041	21.98	19.96	0%	21.98	0.764	5/1/2041	22.74	2041
6/1/2041	21.98	19.99	0%	21.98	0.764	6/1/2041	22.74	2041
7/1/2041	21.98	19.90	0%	21.98	0.764	7/1/2041	22.74	2041
8/1/2041	21.98	19.90	0%	21.98	0.764	8/1/2041	22.74	2041
9/1/2041	21.98	20.73	0%	21.98	0.764	9/1/2041	22.74	2041
10/1/2041	21.98	20.34	0%	21.98	0.764	10/1/2041	22.74	2041
11/1/2041	21.98	20.00	0%	21.98	0.764	11/1/2041	22.74	2041
12/1/2041	21.98	20.04	0%	21.98	0.764	12/1/2041	22.74	2041
1/1/2042	22.55	20.25	0%	22.55	0.764	1/1/2042	23.32	2042
2/1/2042	22.55	20.28	0%	22.55	0.764	2/1/2042	23.32	2042

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3/1/2042	22.55	20.31	0%	22.55	0.776	3/1/2042	23.33	2042
4/1/2042	22.55	20.33	0%	22.55	0.776	4/1/2042	23.33	2042
5/1/2042	22.55	20.36	0%	22.55	0.776	5/1/2042	23.33	2042
6/1/2042	22.55	20.39	0%	22.55	0.776	6/1/2042	23.33	2042
7/1/2042	22.55	20.30	0%	22.55	0.776	7/1/2042	23.33	2042
8/1/2042	22.55	20.30	0%	22.55	0.776	8/1/2042	23.33	2042
9/1/2042	22.55	21.14	0%	22.55	0.776	9/1/2042	23.33	2042
10/1/2042	22.55	20.75	0%	22.55	0.776	10/1/2042	23.33	2042
11/1/2042	22.55	20.40	0%	22.55	0.776	11/1/2042	23.33	2042
12/1/2042	22.55	20.44	0%	22.55	0.776	12/1/2042	23.33	2042
1/1/2043	22.74	20.66	0%	22.74	0.776	1/1/2043	23.51	2043
2/1/2043	22.74	20.69	0%	22.74	0.776	2/1/2043	23.51	2043
3/1/2043	22.74	20.71	0%	22.74	0.787	3/1/2043	23.53	2043
4/1/2043	22.74	20.74	0%	22.74	0.787	4/1/2043	23.53	2043
5/1/2043	22.74	20.77	0%	22.74	0.787	5/1/2043	23.53	2043
6/1/2043	22.74	20.80	0%	22.74	0.787	6/1/2043	23.53	2043
7/1/2043	22.74	20.70	0%	22.74	0.787	7/1/2043	23.53	2043
8/1/2043	22.74	20.70	0%	22.74	0.787	8/1/2043	23.53	2043
9/1/2043	22.74	21.57	0%	22.74	0.787	9/1/2043	23.53	2043
10/1/2043	22.74	21.16	0%	22.74	0.787	10/1/2043	23.53	2043
11/1/2043	22.74	20.81	0%	22.74	0.787	11/1/2043	23.53	2043
12/1/2043	22.74	20.85	0%	22.74	0.787	12/1/2043	23.53	2043
1/1/2044	23.33	21.07	0%	23.33	0.787	1/1/2044	24.12	2044
2/1/2044	23.33	21.10	0%	23.33	0.787	2/1/2044	24.12	2044
3/1/2044	23.33	21.13	0%	23.33	0.799	3/1/2044	24.13	2044
4/1/2044	23.33	21.16	0%	23.33	0.799	4/1/2044	24.13	2044
5/1/2044	23.33	21.18	0%	23.33	0.799	5/1/2044	24.13	2044
6/1/2044	23.33	21.21	0%	23.33	0.799	6/1/2044	24.13	2044
7/1/2044	23.33	21.12	0%	23.33	0.799	7/1/2044	24.13	2044
8/1/2044	23.33	21.12	0%	23.33	0.799	8/1/2044	24.13	2044
9/1/2044	23.33	22.00	0%	23.33	0.799	9/1/2044	24.13	2044
10/1/2044	23.33	21.59	0%	23.33	0.799	10/1/2044	24.13	2044
11/1/2044	23.33	21.22	0%	23.33	0.799	11/1/2044	24.13	2044
12/1/2044	23.33	21.26	0%	23.33	0.799	12/1/2044	24.13	2044
1/1/2045	23.52	21.49	0%	23.52	0.799	1/1/2045	24.32	2045
2/1/2045	23.52	21.52	0%	23.52	0.799	2/1/2045	24.32	2045
3/1/2045	23.52	21.55	0%	23.52	0.811	3/1/2045	24.33	2045
4/1/2045	23.52	21.58	0%	23.52	0.811	4/1/2045	24.33	2045
5/1/2045	23.52	21.61	0%	23.52	0.811	5/1/2045	24.33	2045
6/1/2045	23.52	21.64	0%	23.52	0.811	6/1/2045	24.33	2045
7/1/2045	23.52	21.54	0%	23.52	0.811	7/1/2045	24.33	2045
8/1/2045	23.52	21.54	0%	23.52	0.811	8/1/2045	24.33	2045
9/1/2045	23.52	22.44	0%	23.52	0.811	9/1/2045	24.33	2045
10/1/2045	23.52	22.02	0%	23.52	0.811	10/1/2045	24.33	2045
11/1/2045	23.52	21.65	0%	23.52	0.811	11/1/2045	24.33	2045
12/1/2045	23.52	21.69	0%	23.52	0.811	12/1/2045	24.33	2045
1/1/2046	24.12	21.92	0%	24.12	0.811	1/1/2046	24.93	2046
2/1/2046	24.12	21.95	0%	24.12	0.811	2/1/2046	24.93	2046
3/1/2046	24.12	21.98	0%	24.12	0.823	3/1/2046	24.94	2046
4/1/2046	24.12	22.01	0%	24.12	0.823	4/1/2046	24.94	2046
5/1/2046	24.12	22.04	0%	24.12	0.823	5/1/2046	24.94	2046
6/1/2046	24.12	22.07	0%	24.12	0.823	6/1/2046	24.94	2046
7/1/2046	24.12	21.97	0%	24.12	0.823	7/1/2046	24.94	2046
8/1/2046	24.12	21.97	0%	24.12	0.823	8/1/2046	24.94	2046
9/1/2046	24.12	22.89	0%	24.12	0.823	9/1/2046	24.94	2046
10/1/2046	24.12	22.46	0%	24.12	0.823	10/1/2046	24.94	2046
11/1/2046	24.12	22.08	0%	24.12	0.823	11/1/2046	24.94	2046
12/1/2046	24.12	22.12	0%	24.12	0.823	12/1/2046	24.94	2046
1/1/2047	24.73	22.36	0%	24.73	0.823	1/1/2047	25.55	2047
2/1/2047	24.73	22.39	0%	24.73	0.823	2/1/2047	25.55	2047
3/1/2047	24.73	22.42	0%	24.73	0.836	3/1/2047	25.56	2047
4/1/2047	24.73	22.45	0%	24.73	0.836	4/1/2047	25.56	2047
5/1/2047	24.73	22.48	0%	24.73	0.836	5/1/2047	25.56	2047
6/1/2047	24.73	22.51	0%	24.73	0.836	6/1/2047	25.56	2047
7/1/2047	24.73	22.41	0%	24.73	0.836	7/1/2047	25.56	2047
8/1/2047	24.73	22.41	0%	24.73	0.836	8/1/2047	25.56	2047
9/1/2047	24.73	23.35	0%	24.73	0.836	9/1/2047	25.56	2047
10/1/2047	24.73	22.91	0%	24.73	0.836	10/1/2047	25.56	2047
11/1/2047	24.73	22.52	0%	24.73	0.836	11/1/2047	25.56	2047
12/1/2047	24.73	22.57	0%	24.73	0.836	12/1/2047	25.56	2047
1/1/2048	24.91	22.81	0%	24.91	0.836	1/1/2048	25.74	2048

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2/1/2048	24.91	22.84	0%	24.91	0.836	2/1/2048	25.74	2048
3/1/2048	24.91	22.87	0%	24.91	0.848	3/1/2048	25.76	2048
4/1/2048	24.91	22.90	0%	24.91	0.848	4/1/2048	25.76	2048
5/1/2048	24.91	22.93	0%	24.91	0.848	5/1/2048	25.76	2048
6/1/2048	24.91	22.96	0%	24.91	0.848	6/1/2048	25.76	2048
7/1/2048	24.91	22.86	0%	24.91	0.848	7/1/2048	25.76	2048
8/1/2048	24.91	22.86	0%	24.91	0.848	8/1/2048	25.76	2048
9/1/2048	24.91	23.81	0%	24.91	0.848	9/1/2048	25.76	2048
10/1/2048	24.91	23.37	0%	24.91	0.848	10/1/2048	25.76	2048
11/1/2048	24.91	22.97	0%	24.91	0.848	11/1/2048	25.76	2048
12/1/2048	24.91	23.02	0%	24.91	0.848	12/1/2048	25.76	2048
1/1/2049	25.53	23.27	0%	25.53	0.848	1/1/2049	26.38	2049
2/1/2049	25.53	23.30	0%	25.53	0.848	2/1/2049	26.38	2049
3/1/2049	25.53	23.33	0%	25.53	0.861	3/1/2049	26.39	2049
4/1/2049	25.53	23.36	0%	25.53	0.861	4/1/2049	26.39	2049
5/1/2049	25.53	23.39	0%	25.53	0.861	5/1/2049	26.39	2049
6/1/2049	25.53	23.42	0%	25.53	0.861	6/1/2049	26.39	2049
7/1/2049	25.53	23.32	0%	25.53	0.861	7/1/2049	26.39	2049
8/1/2049	25.53	23.32	0%	25.53	0.861	8/1/2049	26.39	2049
9/1/2049	25.53	24.29	0%	25.53	0.861	9/1/2049	26.39	2049
10/1/2049	25.53	23.83	0%	25.53	0.861	10/1/2049	26.39	2049
11/1/2049	25.53	23.43	0%	25.53	0.861	11/1/2049	26.39	2049
12/1/2049	25.53	23.48	0%	25.53	0.861	12/1/2049	26.39	2049
1/1/2050	25.53	23.73	0%	25.53	0.861	1/1/2050	26.39	2050
2/1/2050	25.53	23.76	0%	25.53	0.861	2/1/2050	26.39	2050
3/1/2050	25.53	23.79	0%	25.53	0.874	3/1/2050	26.41	2050
4/1/2050	25.53	23.83	0%	25.53	0.874	4/1/2050	26.41	2050
5/1/2050	25.53	23.86	0%	25.53	0.874	5/1/2050	26.41	2050
6/1/2050	25.53	23.89	0%	25.53	0.874	6/1/2050	26.41	2050
7/1/2050	25.53	23.78	0%	25.53	0.874	7/1/2050	26.41	2050
8/1/2050	25.53	23.78	0%	25.53	0.874	8/1/2050	26.41	2050
9/1/2050	25.53	24.77	0%	25.53	0.874	9/1/2050	26.41	2050
10/1/2050	25.53	24.31	0%	25.53	0.874	10/1/2050	26.41	2050
11/1/2050	25.53	23.90	0%	25.53	0.874	11/1/2050	26.41	2050
12/1/2050	25.53	23.95	0%	25.53	0.874	12/1/2050	26.41	2050

Suwanee PETROLEUM PRODUCT PRICE FORECAST DATA

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Date	Petroleum Product Price Forecast - Gulf Coast	TCM	Blend TCM/ Fundamental (%)	Blend TCM/ Fundamental ($)	Suwanee Transport ($/MMBtu)
1/1/2019	14.62	12.93	100%	12.93	0.806
2/1/2019	14.62	13.87	100%	13.87	0.806
3/1/2019	14.62	13.78	100%	13.78	0.806
4/1/2019	14.62	14.33	100%	14.33	0.806
5/1/2019	14.62	14.29	100%	14.29	0.806
6/1/2019	14.62	13.17	100%	13.17	0.806
7/1/2019	14.62	13.86	100%	13.86	0.806
8/1/2019	14.62	13.04	100%	13.04	0.806
9/1/2019	14.62	13.58	100%	13.58	0.806
10/1/2019	14.62	13.31	100%	13.31	0.806
11/1/2019	14.62	13.08	100%	13.08	0.806
12/1/2019	14.62	13.09	100%	13.09	0.806
1/1/2020	13.66	13.80	100%	13.80	0.818
2/1/2020	13.66	14.09	100%	14.09	0.818
3/1/2020	13.66	14.60	100%	14.60	0.818
4/1/2020	13.66	14.42	100%	14.42	0.818
5/1/2020	13.66	13.11	100%	13.11	0.818
6/1/2020	13.66	13.60	100%	13.60	0.818
7/1/2020	13.66	12.98	100%	12.98	0.818
8/1/2020	13.66	13.82	100%	13.82	0.818
9/1/2020	13.66	13.64	100%	13.64	0.818
10/1/2020	13.66	13.38	100%	13.38	0.818
11/1/2020	13.66	13.16	100%	13.16	0.818
12/1/2020	13.66	13.18	100%	13.18	0.818
1/1/2021	13.38	13.24	100%	13.24	0.830
2/1/2021	13.38	13.26	100%	13.26	0.830
3/1/2021	13.38	13.28	100%	13.28	0.830
4/1/2021	13.38	13.30	100%	13.30	0.830
5/1/2021	13.38	13.31	100%	13.31	0.830
6/1/2021	13.38	13.33	100%	13.33	0.830
7/1/2021	13.38	13.33	100%	13.33	0.830
8/1/2021	13.38	13.33	100%	13.33	0.830
9/1/2021	13.38	13.89	100%	13.89	0.830
10/1/2021	13.38	13.63	100%	13.63	0.830
11/1/2021	13.38	13.40	100%	13.40	0.830
12/1/2021	13.38	13.42	100%	13.42	0.830
1/1/2022	13.44	13.57	96%	13.57	0.843
2/1/2022	13.44	13.59	92%	13.58	0.843
3/1/2022	13.44	13.61	88%	13.59	0.843
4/1/2022	13.44	13.62	84%	13.60	0.843
5/1/2022	13.44	13.64	80%	13.60	0.843
6/1/2022	13.44	13.66	76%	13.61	0.843
7/1/2022	13.44	13.66	72%	13.60	0.843
8/1/2022	13.44	13.66	68%	13.59	0.843
9/1/2022	13.44	14.23	64%	13.95	0.843
10/1/2022	13.44	13.96	60%	13.76	0.843
11/1/2022	13.44	13.73	56%	13.60	0.843
12/1/2022	13.44	13.75	52%	13.60	0.843
1/1/2023	13.75	13.90	48%	13.82	0.855
2/1/2023	13.75	13.92	44%	13.83	0.855
3/1/2023	13.75	13.94	40%	13.83	0.855
4/1/2023	13.75	13.96	36%	13.82	0.855
5/1/2023	13.75	13.98	32%	13.82	0.855
6/1/2023	13.75	13.99	28%	13.82	0.855
7/1/2023	13.75	13.93	24%	13.79	0.855
8/1/2023	13.75	13.93	20%	13.79	0.855
9/1/2023	13.75	14.51	16%	13.87	0.855
10/1/2023	13.75	14.24	12%	13.81	0.855
11/1/2023	13.75	14.00	8%	13.77	0.855
12/1/2023	13.75	14.03	4%	13.76	0.855
1/1/2024	14.08	14.18	0%	14.08	0.868
2/1/2024	14.08	14.20	0%	14.08	0.868
3/1/2024	14.08	14.22	0%	14.08	0.868
4/1/2024	14.08	14.24	0%	14.08	0.868
5/1/2024	14.08	14.26	0%	14.08	0.868

PROSYM INPUT

Date	nomianl$/MMBtu
1/1/2019	13.73
2/1/2019	14.68
3/1/2019	14.59
4/1/2019	15.13
5/1/2019	15.10
6/1/2019	13.97
7/1/2019	14.67
8/1/2019	13.85
9/1/2019	14.39
10/1/2019	14.12
11/1/2019	13.88
12/1/2019	13.90
1/1/2020	14.62
2/1/2020	14.91
3/1/2020	15.41
4/1/2020	15.24
5/1/2020	13.92
6/1/2020	14.42
7/1/2020	13.80
8/1/2020	14.64
9/1/2020	14.45
10/1/2020	14.20
11/1/2020	13.97
12/1/2020	14.00
1/1/2021	14.07
2/1/2021	14.09
3/1/2021	14.11
4/1/2021	14.13
5/1/2021	14.14
6/1/2021	14.16
7/1/2021	14.16
8/1/2021	14.16
9/1/2021	14.72
10/1/2021	14.46
11/1/2021	14.23
12/1/2021	14.25
1/1/2022	14.41
2/1/2022	14.42
3/1/2022	14.43
4/1/2022	14.44
5/1/2022	14.45
6/1/2022	14.45
7/1/2022	14.44
8/1/2022	14.43
9/1/2022	14.79
10/1/2022	14.60
11/1/2022	14.45
12/1/2022	14.45
1/1/2023	14.68
2/1/2023	14.68
3/1/2023	14.68
4/1/2023	14.68
5/1/2023	14.68
6/1/2023	14.67
7/1/2023	14.65
8/1/2023	14.64
9/1/2023	14.73
10/1/2023	14.66
11/1/2023	14.62
12/1/2023	14.62
1/1/2024	14.95
2/1/2024	14.95
3/1/2024	14.95
4/1/2024	14.95
5/1/2024	14.95

ANNUAL AVERAGE

		Suwanee
2019	2019	14.33
2019	2020	14.47
2019	2021	14.22
2019	2022	14.48
2019	2023	14.67
2019	2024	14.95
2019	2025	15.32
2019	2026	15.89
2019	2027	16.55
2019	2028	17.31
2019	2029	18.01
2019	2030	18.45
2020	2031	18.85
2020	2032	19.28
2020	2033	19.72
2020	2034	20.16
2020	2035	20.62
2020	2036	21.09
2020	2037	21.57
2020	2038	21.98
2020	2039	22.37
2020	2040	22.52
2020	2041	23.09
2020	2042	23.68
2021	2043	23.89
2021	2044	24.50
2021	2045	24.70
2021	2046	25.32
2021	2047	25.95
2021	2048	26.15
2021	2049	26.79
2021	2050	26.81
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6/1/2024	14.08	14.27	0%	14.08	0.868	6/1/2024	14.95	2024
7/1/2024	14.08	14.21	0%	14.08	0.868	7/1/2024	14.95	2024
8/1/2024	14.08	14.21	0%	14.08	0.868	8/1/2024	14.95	2024
9/1/2024	14.08	14.80	0%	14.08	0.868	9/1/2024	14.95	2024
10/1/2024	14.08	14.53	0%	14.08	0.868	10/1/2024	14.95	2024
11/1/2024	14.08	14.28	0%	14.08	0.868	11/1/2024	14.95	2024
12/1/2024	14.08	14.31	0%	14.08	0.868	12/1/2024	14.95	2024
1/1/2025	14.43	14.47	0%	14.43	0.881	1/1/2025	15.32	2025
2/1/2025	14.43	14.48	0%	14.43	0.881	2/1/2025	15.32	2025
3/1/2025	14.43	14.50	0%	14.43	0.881	3/1/2025	15.32	2025
4/1/2025	14.43	14.52	0%	14.43	0.881	4/1/2025	15.32	2025
5/1/2025	14.43	14.54	0%	14.43	0.881	5/1/2025	15.32	2025
6/1/2025	14.43	14.56	0%	14.43	0.881	6/1/2025	15.32	2025
7/1/2025	14.43	14.50	0%	14.43	0.881	7/1/2025	15.32	2025
8/1/2025	14.43	14.50	0%	14.43	0.881	8/1/2025	15.32	2025
9/1/2025	14.43	15.10	0%	14.43	0.881	9/1/2025	15.32	2025
10/1/2025	14.43	14.82	0%	14.43	0.881	10/1/2025	15.32	2025
11/1/2025	14.43	14.57	0%	14.43	0.881	11/1/2025	15.32	2025
12/1/2025	14.43	14.60	0%	14.43	0.881	12/1/2025	15.32	2025
1/1/2026	15.00	14.75	0%	15.00	0.894	1/1/2026	15.89	2026
2/1/2026	15.00	14.77	0%	15.00	0.894	2/1/2026	15.89	2026
3/1/2026	15.00	14.79	0%	15.00	0.894	3/1/2026	15.89	2026
4/1/2026	15.00	14.81	0%	15.00	0.894	4/1/2026	15.89	2026
5/1/2026	15.00	14.83	0%	15.00	0.894	5/1/2026	15.89	2026
6/1/2026	15.00	14.85	0%	15.00	0.894	6/1/2026	15.89	2026
7/1/2026	15.00	14.79	0%	15.00	0.894	7/1/2026	15.89	2026
8/1/2026	15.00	14.79	0%	15.00	0.894	8/1/2026	15.89	2026
9/1/2026	15.00	15.40	0%	15.00	0.894	9/1/2026	15.89	2026
10/1/2026	15.00	15.11	0%	15.00	0.894	10/1/2026	15.89	2026
11/1/2026	15.00	14.86	0%	15.00	0.894	11/1/2026	15.89	2026
12/1/2026	15.00	14.89	0%	15.00	0.894	12/1/2026	15.89	2026
1/1/2027	15.64	15.05	0%	15.64	0.908	1/1/2027	16.55	2027
2/1/2027	15.64	15.07	0%	15.64	0.908	2/1/2027	16.55	2027
3/1/2027	15.64	15.09	0%	15.64	0.908	3/1/2027	16.55	2027
4/1/2027	15.64	15.11	0%	15.64	0.908	4/1/2027	16.55	2027
5/1/2027	15.64	15.13	0%	15.64	0.908	5/1/2027	16.55	2027
6/1/2027	15.64	15.15	0%	15.64	0.908	6/1/2027	16.55	2027
7/1/2027	15.64	15.08	0%	15.64	0.908	7/1/2027	16.55	2027
8/1/2027	15.64	15.08	0%	15.64	0.908	8/1/2027	16.55	2027
9/1/2027	15.64	15.71	0%	15.64	0.908	9/1/2027	16.55	2027
10/1/2027	15.64	15.42	0%	15.64	0.908	10/1/2027	16.55	2027
11/1/2027	15.64	15.16	0%	15.64	0.908	11/1/2027	16.55	2027
12/1/2027	15.64	15.19	0%	15.64	0.908	12/1/2027	16.55	2027
1/1/2028	16.39	15.35	0%	16.39	0.921	1/1/2028	17.31	2028
2/1/2028	16.39	15.37	0%	16.39	0.921	2/1/2028	17.31	2028
3/1/2028	16.39	15.39	0%	16.39	0.921	3/1/2028	17.31	2028
4/1/2028	16.39	15.41	0%	16.39	0.921	4/1/2028	17.31	2028
5/1/2028	16.39	15.43	0%	16.39	0.921	5/1/2028	17.31	2028
6/1/2028	16.39	15.45	0%	16.39	0.921	6/1/2028	17.31	2028
7/1/2028	16.39	15.38	0%	16.39	0.921	7/1/2028	17.31	2028
8/1/2028	16.39	15.38	0%	16.39	0.921	8/1/2028	17.31	2028
9/1/2028	16.39	16.03	0%	16.39	0.921	9/1/2028	17.31	2028
10/1/2028	16.39	15.73	0%	16.39	0.921	10/1/2028	17.31	2028
11/1/2028	16.39	15.46	0%	16.39	0.921	11/1/2028	17.31	2028
12/1/2028	16.39	15.49	0%	16.39	0.921	12/1/2028	17.31	2028
1/1/2029	17.07	15.66	0%	17.07	0.935	1/1/2029	18.01	2029
2/1/2029	17.07	15.68	0%	17.07	0.935	2/1/2029	18.01	2029
3/1/2029	17.07	15.70	0%	17.07	0.935	3/1/2029	18.01	2029
4/1/2029	17.07	15.72	0%	17.07	0.935	4/1/2029	18.01	2029
5/1/2029	17.07	15.74	0%	17.07	0.935	5/1/2029	18.01	2029
6/1/2029	17.07	15.76	0%	17.07	0.935	6/1/2029	18.01	2029
7/1/2029	17.07	15.69	0%	17.07	0.935	7/1/2029	18.01	2029
8/1/2029	17.07	15.69	0%	17.07	0.935	8/1/2029	18.01	2029
9/1/2029	17.07	16.35	0%	17.07	0.935	9/1/2029	18.01	2029
10/1/2029	17.07	16.04	0%	17.07	0.935	10/1/2029	18.01	2029
11/1/2029	17.07	15.77	0%	17.07	0.935	11/1/2029	18.01	2029
12/1/2029	17.07	15.80	0%	17.07	0.935	12/1/2029	18.01	2029
1/1/2030	17.50	15.97	0%	17.50	0.949	1/1/2030	18.45	2030
2/1/2030	17.50	15.99	0%	17.50	0.949	2/1/2030	18.45	2030
3/1/2030	17.50	16.01	0%	17.50	0.949	3/1/2030	18.45	2030
4/1/2030	17.50	16.03	0%	17.50	0.949	4/1/2030	18.45	2030

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5/1/2030	17.50	16.05	0%	17.50	0.949	5/1/2030	18.45	2030
6/1/2030	17.50	16.08	0%	17.50	0.949	6/1/2030	18.45	2030
7/1/2030	17.50	16.00	0%	17.50	0.949	7/1/2030	18.45	2030
8/1/2030	17.50	16.00	0%	17.50	0.949	8/1/2030	18.45	2030
9/1/2030	17.50	16.67	0%	17.50	0.949	9/1/2030	18.45	2030
10/1/2030	17.50	16.36	0%	17.50	0.949	10/1/2030	18.45	2030
11/1/2030	17.50	16.09	0%	17.50	0.949	11/1/2030	18.45	2030
12/1/2030	17.50	16.12	0%	17.50	0.949	12/1/2030	18.45	2030
1/1/2031	17.89	16.29	0%	17.89	0.963	1/1/2031	18.85	2031
2/1/2031	17.89	16.31	0%	17.89	0.963	2/1/2031	18.85	2031
3/1/2031	17.89	16.33	0%	17.89	0.963	3/1/2031	18.85	2031
4/1/2031	17.89	16.35	0%	17.89	0.963	4/1/2031	18.85	2031
5/1/2031	17.89	16.38	0%	17.89	0.963	5/1/2031	18.85	2031
6/1/2031	17.89	16.40	0%	17.89	0.963	6/1/2031	18.85	2031
7/1/2031	17.89	16.32	0%	17.89	0.963	7/1/2031	18.85	2031
8/1/2031	17.89	16.32	0%	17.89	0.963	8/1/2031	18.85	2031
9/1/2031	17.89	17.01	0%	17.89	0.963	9/1/2031	18.85	2031
10/1/2031	17.89	16.69	0%	17.89	0.963	10/1/2031	18.85	2031
11/1/2031	17.89	16.41	0%	17.89	0.963	11/1/2031	18.85	2031
12/1/2031	17.89	16.44	0%	17.89	0.963	12/1/2031	18.85	2031
1/1/2032	18.30	16.62	0%	18.30	0.978	1/1/2032	19.28	2032
2/1/2032	18.30	16.64	0%	18.30	0.978	2/1/2032	19.28	2032
3/1/2032	18.30	16.66	0%	18.30	0.978	3/1/2032	19.28	2032
4/1/2032	18.30	16.68	0%	18.30	0.978	4/1/2032	19.28	2032
5/1/2032	18.30	16.70	0%	18.30	0.978	5/1/2032	19.28	2032
6/1/2032	18.30	16.72	0%	18.30	0.978	6/1/2032	19.28	2032
7/1/2032	18.30	16.65	0%	18.30	0.978	7/1/2032	19.28	2032
8/1/2032	18.30	16.65	0%	18.30	0.978	8/1/2032	19.28	2032
9/1/2032	18.30	17.35	0%	18.30	0.978	9/1/2032	19.28	2032
10/1/2032	18.30	17.02	0%	18.30	0.978	10/1/2032	19.28	2032
11/1/2032	18.30	16.74	0%	18.30	0.978	11/1/2032	19.28	2032
12/1/2032	18.30	16.77	0%	18.30	0.978	12/1/2032	19.28	2032
1/1/2033	18.73	16.95	0%	18.73	0.993	1/1/2033	19.72	2033
2/1/2033	18.73	16.97	0%	18.73	0.993	2/1/2033	19.72	2033
3/1/2033	18.73	16.99	0%	18.73	0.993	3/1/2033	19.72	2033
4/1/2033	18.73	17.01	0%	18.73	0.993	4/1/2033	19.72	2033
5/1/2033	18.73	17.04	0%	18.73	0.993	5/1/2033	19.72	2033
6/1/2033	18.73	17.06	0%	18.73	0.993	6/1/2033	19.72	2033
7/1/2033	18.73	16.98	0%	18.73	0.993	7/1/2033	19.72	2033
8/1/2033	18.73	16.98	0%	18.73	0.993	8/1/2033	19.72	2033
9/1/2033	18.73	17.69	0%	18.73	0.993	9/1/2033	19.72	2033
10/1/2033	18.73	17.36	0%	18.73	0.993	10/1/2033	19.72	2033
11/1/2033	18.73	17.07	0%	18.73	0.993	11/1/2033	19.72	2033
12/1/2033	18.73	17.10	0%	18.73	0.993	12/1/2033	19.72	2033
1/1/2034	19.16	17.29	0%	19.16	1.007	1/1/2034	20.16	2034
2/1/2034	19.16	17.31	0%	19.16	1.007	2/1/2034	20.16	2034
3/1/2034	19.16	17.33	0%	19.16	1.007	3/1/2034	20.16	2034
4/1/2034	19.16	17.36	0%	19.16	1.007	4/1/2034	20.16	2034
5/1/2034	19.16	17.38	0%	19.16	1.007	5/1/2034	20.16	2034
6/1/2034	19.16	17.40	0%	19.16	1.007	6/1/2034	20.16	2034
7/1/2034	19.16	17.32	0%	19.16	1.007	7/1/2034	20.16	2034
8/1/2034	19.16	17.32	0%	19.16	1.007	8/1/2034	20.16	2034
9/1/2034	19.16	18.05	0%	19.16	1.007	9/1/2034	20.16	2034
10/1/2034	19.16	17.71	0%	19.16	1.007	10/1/2034	20.16	2034
11/1/2034	19.16	17.41	0%	19.16	1.007	11/1/2034	20.16	2034
12/1/2034	19.16	17.44	0%	19.16	1.007	12/1/2034	20.16	2034
1/1/2035	19.60	17.63	0%	19.60	1.023	1/1/2035	20.62	2035
2/1/2035	19.60	17.66	0%	19.60	1.023	2/1/2035	20.62	2035
3/1/2035	19.60	17.68	0%	19.60	1.023	3/1/2035	20.62	2035
4/1/2035	19.60	17.70	0%	19.60	1.023	4/1/2035	20.62	2035
5/1/2035	19.60	17.73	0%	19.60	1.023	5/1/2035	20.62	2035
6/1/2035	19.60	17.75	0%	19.60	1.023	6/1/2035	20.62	2035
7/1/2035	19.60	17.67	0%	19.60	1.023	7/1/2035	20.62	2035
8/1/2035	19.60	17.67	0%	19.60	1.023	8/1/2035	20.62	2035
9/1/2035	19.60	18.41	0%	19.60	1.023	9/1/2035	20.62	2035
10/1/2035	19.60	18.06	0%	19.60	1.023	10/1/2035	20.62	2035
11/1/2035	19.60	17.76	0%	19.60	1.023	11/1/2035	20.62	2035
12/1/2035	19.60	17.79	0%	19.60	1.023	12/1/2035	20.62	2035
1/1/2036	20.05	17.99	0%	20.05	1.023	1/1/2036	21.07	2036
2/1/2036	20.05	18.01	0%	20.05	1.023	2/1/2036	21.07	2036
3/1/2036	20.05	18.03	0%	20.05	1.038	3/1/2036	21.09	2036

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4/1/2036	20.05	18.06	0%	20.05	1.038	4/1/2036	21.09	2036
5/1/2036	20.05	18.08	0%	20.05	1.038	5/1/2036	21.09	2036
6/1/2036	20.05	18.10	0%	20.05	1.038	6/1/2036	21.09	2036
7/1/2036	20.05	18.02	0%	20.05	1.038	7/1/2036	21.09	2036
8/1/2036	20.05	18.02	0%	20.05	1.038	8/1/2036	21.09	2036
9/1/2036	20.05	18.78	0%	20.05	1.038	9/1/2036	21.09	2036
10/1/2036	20.05	18.42	0%	20.05	1.038	10/1/2036	21.09	2036
11/1/2036	20.05	18.12	0%	20.05	1.038	11/1/2036	21.09	2036
12/1/2036	20.05	18.15	0%	20.05	1.038	12/1/2036	21.09	2036
1/1/2037	20.52	18.35	0%	20.52	1.038	1/1/2037	21.56	2037
2/1/2037	20.52	18.37	0%	20.52	1.038	2/1/2037	21.56	2037
3/1/2037	20.52	18.39	0%	20.52	1.054	3/1/2037	21.57	2037
4/1/2037	20.52	18.42	0%	20.52	1.054	4/1/2037	21.57	2037
5/1/2037	20.52	18.44	0%	20.52	1.054	5/1/2037	21.57	2037
6/1/2037	20.52	18.47	0%	20.52	1.054	6/1/2037	21.57	2037
7/1/2037	20.52	18.38	0%	20.52	1.054	7/1/2037	21.57	2037
8/1/2037	20.52	18.38	0%	20.52	1.054	8/1/2037	21.57	2037
9/1/2037	20.52	19.15	0%	20.52	1.054	9/1/2037	21.57	2037
10/1/2037	20.52	18.79	0%	20.52	1.054	10/1/2037	21.57	2037
11/1/2037	20.52	18.48	0%	20.52	1.054	11/1/2037	21.57	2037
12/1/2037	20.52	18.51	0%	20.52	1.054	12/1/2037	21.57	2037
1/1/2038	20.91	18.71	0%	20.91	1.054	1/1/2038	21.96	2038
2/1/2038	20.91	18.74	0%	20.91	1.054	2/1/2038	21.96	2038
3/1/2038	20.91	18.76	0%	20.91	1.070	3/1/2038	21.98	2038
4/1/2038	20.91	18.79	0%	20.91	1.070	4/1/2038	21.98	2038
5/1/2038	20.91	18.81	0%	20.91	1.070	5/1/2038	21.98	2038
6/1/2038	20.91	18.83	0%	20.91	1.070	6/1/2038	21.98	2038
7/1/2038	20.91	18.75	0%	20.91	1.070	7/1/2038	21.98	2038
8/1/2038	20.91	18.75	0%	20.91	1.070	8/1/2038	21.98	2038
9/1/2038	20.91	19.53	0%	20.91	1.070	9/1/2038	21.98	2038
10/1/2038	20.91	19.17	0%	20.91	1.070	10/1/2038	21.98	2038
11/1/2038	20.91	18.85	0%	20.91	1.070	11/1/2038	21.98	2038
12/1/2038	20.91	18.88	0%	20.91	1.070	12/1/2038	21.98	2038
1/1/2039	21.29	19.09	0%	21.29	1.070	1/1/2039	22.36	2039
2/1/2039	21.29	19.11	0%	21.29	1.070	2/1/2039	22.36	2039
3/1/2039	21.29	19.14	0%	21.29	1.086	3/1/2039	22.37	2039
4/1/2039	21.29	19.16	0%	21.29	1.086	4/1/2039	22.37	2039
5/1/2039	21.29	19.19	0%	21.29	1.086	5/1/2039	22.37	2039
6/1/2039	21.29	19.21	0%	21.29	1.086	6/1/2039	22.37	2039
7/1/2039	21.29	19.13	0%	21.29	1.086	7/1/2039	22.37	2039
8/1/2039	21.29	19.13	0%	21.29	1.086	8/1/2039	22.37	2039
9/1/2039	21.29	19.93	0%	21.29	1.086	9/1/2039	22.37	2039
10/1/2039	21.29	19.55	0%	21.29	1.086	10/1/2039	22.37	2039
11/1/2039	21.29	19.22	0%	21.29	1.086	11/1/2039	22.37	2039
12/1/2039	21.29	19.26	0%	21.29	1.086	12/1/2039	22.37	2039
1/1/2040	21.42	19.47	0%	21.42	1.086	1/1/2040	22.51	2040
2/1/2040	21.42	19.49	0%	21.42	1.086	2/1/2040	22.51	2040
3/1/2040	21.42	19.52	0%	21.42	1.102	3/1/2040	22.52	2040
4/1/2040	21.42	19.54	0%	21.42	1.102	4/1/2040	22.52	2040
5/1/2040	21.42	19.57	0%	21.42	1.102	5/1/2040	22.52	2040
6/1/2040	21.42	19.60	0%	21.42	1.102	6/1/2040	22.52	2040
7/1/2040	21.42	19.51	0%	21.42	1.102	7/1/2040	22.52	2040
8/1/2040	21.42	19.51	0%	21.42	1.102	8/1/2040	22.52	2040
9/1/2040	21.42	20.32	0%	21.42	1.102	9/1/2040	22.52	2040
10/1/2040	21.42	19.94	0%	21.42	1.102	10/1/2040	22.52	2040
11/1/2040	21.42	19.61	0%	21.42	1.102	11/1/2040	22.52	2040
12/1/2040	21.42	19.64	0%	21.42	1.102	12/1/2040	22.52	2040
1/1/2041	21.98	19.86	0%	21.98	1.102	1/1/2041	23.08	2041
2/1/2041	21.98	19.88	0%	21.98	1.102	2/1/2041	23.08	2041
3/1/2041	21.98	19.91	0%	21.98	1.119	3/1/2041	23.10	2041
4/1/2041	21.98	19.94	0%	21.98	1.119	4/1/2041	23.10	2041
5/1/2041	21.98	19.96	0%	21.98	1.119	5/1/2041	23.10	2041
6/1/2041	21.98	19.99	0%	21.98	1.119	6/1/2041	23.10	2041
7/1/2041	21.98	19.90	0%	21.98	1.119	7/1/2041	23.10	2041
8/1/2041	21.98	19.90	0%	21.98	1.119	8/1/2041	23.10	2041
9/1/2041	21.98	20.73	0%	21.98	1.119	9/1/2041	23.10	2041
10/1/2041	21.98	20.34	0%	21.98	1.119	10/1/2041	23.10	2041
11/1/2041	21.98	20.00	0%	21.98	1.119	11/1/2041	23.10	2041
12/1/2041	21.98	20.04	0%	21.98	1.119	12/1/2041	23.10	2041
1/1/2042	22.55	20.25	0%	22.55	1.119	1/1/2042	23.67	2042
2/1/2042	22.55	20.28	0%	22.55	1.119	2/1/2042	23.67	2042

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3/1/2042	22.55	20.31	0%	22.55	1.135	3/1/2042	23.69	2042
4/1/2042	22.55	20.33	0%	22.55	1.135	4/1/2042	23.69	2042
5/1/2042	22.55	20.36	0%	22.55	1.135	5/1/2042	23.69	2042
6/1/2042	22.55	20.39	0%	22.55	1.135	6/1/2042	23.69	2042
7/1/2042	22.55	20.30	0%	22.55	1.135	7/1/2042	23.69	2042
8/1/2042	22.55	20.30	0%	22.55	1.135	8/1/2042	23.69	2042
9/1/2042	22.55	21.14	0%	22.55	1.135	9/1/2042	23.69	2042
10/1/2042	22.55	20.75	0%	22.55	1.135	10/1/2042	23.69	2042
11/1/2042	22.55	20.40	0%	22.55	1.135	11/1/2042	23.69	2042
12/1/2042	22.55	20.44	0%	22.55	1.135	12/1/2042	23.69	2042
1/1/2043	22.74	20.66	0%	22.74	1.135	1/1/2043	23.87	2043
2/1/2043	22.74	20.69	0%	22.74	1.135	2/1/2043	23.87	2043
3/1/2043	22.74	20.71	0%	22.74	1.152	3/1/2043	23.89	2043
4/1/2043	22.74	20.74	0%	22.74	1.152	4/1/2043	23.89	2043
5/1/2043	22.74	20.77	0%	22.74	1.152	5/1/2043	23.89	2043
6/1/2043	22.74	20.80	0%	22.74	1.152	6/1/2043	23.89	2043
7/1/2043	22.74	20.70	0%	22.74	1.152	7/1/2043	23.89	2043
8/1/2043	22.74	20.70	0%	22.74	1.152	8/1/2043	23.89	2043
9/1/2043	22.74	21.57	0%	22.74	1.152	9/1/2043	23.89	2043
10/1/2043	22.74	21.16	0%	22.74	1.152	10/1/2043	23.89	2043
11/1/2043	22.74	20.81	0%	22.74	1.152	11/1/2043	23.89	2043
12/1/2043	22.74	20.85	0%	22.74	1.152	12/1/2043	23.89	2043
1/1/2044	23.33	21.07	0%	23.33	1.152	1/1/2044	24.48	2044
2/1/2044	23.33	21.10	0%	23.33	1.152	2/1/2044	24.48	2044
3/1/2044	23.33	21.13	0%	23.33	1.170	3/1/2044	24.50	2044
4/1/2044	23.33	21.16	0%	23.33	1.170	4/1/2044	24.50	2044
5/1/2044	23.33	21.18	0%	23.33	1.170	5/1/2044	24.50	2044
6/1/2044	23.33	21.21	0%	23.33	1.170	6/1/2044	24.50	2044
7/1/2044	23.33	21.12	0%	23.33	1.170	7/1/2044	24.50	2044
8/1/2044	23.33	21.12	0%	23.33	1.170	8/1/2044	24.50	2044
9/1/2044	23.33	22.00	0%	23.33	1.170	9/1/2044	24.50	2044
10/1/2044	23.33	21.59	0%	23.33	1.170	10/1/2044	24.50	2044
11/1/2044	23.33	21.22	0%	23.33	1.170	11/1/2044	24.50	2044
12/1/2044	23.33	21.26	0%	23.33	1.170	12/1/2044	24.50	2044
1/1/2045	23.52	21.49	0%	23.52	1.170	1/1/2045	24.69	2045
2/1/2045	23.52	21.52	0%	23.52	1.170	2/1/2045	24.69	2045
3/1/2045	23.52	21.55	0%	23.52	1.187	3/1/2045	24.70	2045
4/1/2045	23.52	21.58	0%	23.52	1.187	4/1/2045	24.70	2045
5/1/2045	23.52	21.61	0%	23.52	1.187	5/1/2045	24.70	2045
6/1/2045	23.52	21.64	0%	23.52	1.187	6/1/2045	24.70	2045
7/1/2045	23.52	21.54	0%	23.52	1.187	7/1/2045	24.70	2045
8/1/2045	23.52	21.54	0%	23.52	1.187	8/1/2045	24.70	2045
9/1/2045	23.52	22.44	0%	23.52	1.187	9/1/2045	24.70	2045
10/1/2045	23.52	22.02	0%	23.52	1.187	10/1/2045	24.70	2045
11/1/2045	23.52	21.65	0%	23.52	1.187	11/1/2045	24.70	2045
12/1/2045	23.52	21.69	0%	23.52	1.187	12/1/2045	24.70	2045
1/1/2046	24.12	21.92	0%	24.12	1.187	1/1/2046	25.31	2046
2/1/2046	24.12	21.95	0%	24.12	1.187	2/1/2046	25.31	2046
3/1/2046	24.12	21.98	0%	24.12	1.205	3/1/2046	25.32	2046
4/1/2046	24.12	22.01	0%	24.12	1.205	4/1/2046	25.32	2046
5/1/2046	24.12	22.04	0%	24.12	1.205	5/1/2046	25.32	2046
6/1/2046	24.12	22.07	0%	24.12	1.205	6/1/2046	25.32	2046
7/1/2046	24.12	21.97	0%	24.12	1.205	7/1/2046	25.32	2046
8/1/2046	24.12	21.97	0%	24.12	1.205	8/1/2046	25.32	2046
9/1/2046	24.12	22.89	0%	24.12	1.205	9/1/2046	25.32	2046
10/1/2046	24.12	22.46	0%	24.12	1.205	10/1/2046	25.32	2046
11/1/2046	24.12	22.08	0%	24.12	1.205	11/1/2046	25.32	2046
12/1/2046	24.12	22.12	0%	24.12	1.205	12/1/2046	25.32	2046
1/1/2047	24.73	22.36	0%	24.73	1.205	1/1/2047	25.93	2047
2/1/2047	24.73	22.39	0%	24.73	1.205	2/1/2047	25.93	2047
3/1/2047	24.73	22.42	0%	24.73	1.223	3/1/2047	25.95	2047
4/1/2047	24.73	22.45	0%	24.73	1.223	4/1/2047	25.95	2047
5/1/2047	24.73	22.48	0%	24.73	1.223	5/1/2047	25.95	2047
6/1/2047	24.73	22.51	0%	24.73	1.223	6/1/2047	25.95	2047
7/1/2047	24.73	22.41	0%	24.73	1.223	7/1/2047	25.95	2047
8/1/2047	24.73	22.41	0%	24.73	1.223	8/1/2047	25.95	2047
9/1/2047	24.73	23.35	0%	24.73	1.223	9/1/2047	25.95	2047
10/1/2047	24.73	22.91	0%	24.73	1.223	10/1/2047	25.95	2047
11/1/2047	24.73	22.52	0%	24.73	1.223	11/1/2047	25.95	2047
12/1/2047	24.73	22.57	0%	24.73	1.223	12/1/2047	25.95	2047
1/1/2048	24.91	22.81	0%	24.91	1.223	1/1/2048	26.13	2048

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2/1/2048	24.91	22.84	0%	24.91	1.223	2/1/2048	26.13	2048
3/1/2048	24.91	22.87	0%	24.91	1.241	3/1/2048	26.15	2048
4/1/2048	24.91	22.90	0%	24.91	1.241	4/1/2048	26.15	2048
5/1/2048	24.91	22.93	0%	24.91	1.241	5/1/2048	26.15	2048
6/1/2048	24.91	22.96	0%	24.91	1.241	6/1/2048	26.15	2048
7/1/2048	24.91	22.86	0%	24.91	1.241	7/1/2048	26.15	2048
8/1/2048	24.91	22.86	0%	24.91	1.241	8/1/2048	26.15	2048
9/1/2048	24.91	23.81	0%	24.91	1.241	9/1/2048	26.15	2048
10/1/2048	24.91	23.37	0%	24.91	1.241	10/1/2048	26.15	2048
11/1/2048	24.91	22.97	0%	24.91	1.241	11/1/2048	26.15	2048
12/1/2048	24.91	23.02	0%	24.91	1.241	12/1/2048	26.15	2048
1/1/2049	25.53	23.27	0%	25.53	1.241	1/1/2049	26.78	2049
2/1/2049	25.53	23.30	0%	25.53	1.241	2/1/2049	26.78	2049
3/1/2049	25.53	23.33	0%	25.53	1.260	3/1/2049	26.79	2049
4/1/2049	25.53	23.36	0%	25.53	1.260	4/1/2049	26.79	2049
5/1/2049	25.53	23.39	0%	25.53	1.260	5/1/2049	26.79	2049
6/1/2049	25.53	23.42	0%	25.53	1.260	6/1/2049	26.79	2049
7/1/2049	25.53	23.32	0%	25.53	1.260	7/1/2049	26.79	2049
8/1/2049	25.53	23.32	0%	25.53	1.260	8/1/2049	26.79	2049
9/1/2049	25.53	24.29	0%	25.53	1.260	9/1/2049	26.79	2049
10/1/2049	25.53	23.83	0%	25.53	1.260	10/1/2049	26.79	2049
11/1/2049	25.53	23.43	0%	25.53	1.260	11/1/2049	26.79	2049
12/1/2049	25.53	23.48	0%	25.53	1.260	12/1/2049	26.79	2049
1/1/2050	25.53	23.73	0%	25.53	1.260	1/1/2050	26.79	2050
2/1/2050	25.53	23.76	0%	25.53	1.260	2/1/2050	26.79	2050
3/1/2050	25.53	23.79	0%	25.53	1.279	3/1/2050	26.81	2050
4/1/2050	25.53	23.83	0%	25.53	1.279	4/1/2050	26.81	2050
5/1/2050	25.53	23.86	0%	25.53	1.279	5/1/2050	26.81	2050
6/1/2050	25.53	23.89	0%	25.53	1.279	6/1/2050	26.81	2050
7/1/2050	25.53	23.78	0%	25.53	1.279	7/1/2050	26.81	2050
8/1/2050	25.53	23.78	0%	25.53	1.279	8/1/2050	26.81	2050
9/1/2050	25.53	24.77	0%	25.53	1.279	9/1/2050	26.81	2050
10/1/2050	25.53	24.31	0%	25.53	1.279	10/1/2050	26.81	2050
11/1/2050	25.53	23.90	0%	25.53	1.279	11/1/2050	26.81	2050
12/1/2050	25.53	23.95	0%	25.53	1.279	12/1/2050	26.81	2050

Vandolah

PETROLEUM PRODUCT PRICE FORECAST DATA

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Date	Petroleum Product Price Forecast - Gulf Coast	TCM	Blend TCM/ Fundamental (%)	Blend TCM/ Fundamental ($)	Vandolah Transport ($/MMBtu)
1/1/2019	14.62	12.93	100%	12.93	0.505
2/1/2019	14.62	13.87	100%	13.87	0.505
3/1/2019	14.62	13.78	100%	13.78	0.505
4/1/2019	14.62	14.33	100%	14.33	0.505
5/1/2019	14.62	14.29	100%	14.29	0.505
6/1/2019	14.62	13.17	100%	13.17	0.505
7/1/2019	14.62	13.86	100%	13.86	0.505
8/1/2019	14.62	13.04	100%	13.04	0.505
9/1/2019	14.62	13.58	100%	13.58	0.505
10/1/2019	14.62	13.31	100%	13.31	0.505
11/1/2019	14.62	13.08	100%	13.08	0.505
12/1/2019	14.62	13.09	100%	13.09	0.505
1/1/2020	13.66	13.80	100%	13.80	0.513
2/1/2020	13.66	14.09	100%	14.09	0.513
3/1/2020	13.66	14.60	100%	14.60	0.513
4/1/2020	13.66	14.42	100%	14.42	0.513
5/1/2020	13.66	13.11	100%	13.11	0.513
6/1/2020	13.66	13.60	100%	13.60	0.513
7/1/2020	13.66	12.98	100%	12.98	0.513
8/1/2020	13.66	13.82	100%	13.82	0.513
9/1/2020	13.66	13.64	100%	13.64	0.513
10/1/2020	13.66	13.38	100%	13.38	0.513
11/1/2020	13.66	13.16	100%	13.16	0.513
12/1/2020	13.66	13.18	100%	13.18	0.513
1/1/2021	13.38	13.24	100%	13.24	0.520
2/1/2021	13.38	13.26	100%	13.26	0.520
3/1/2021	13.38	13.28	100%	13.28	0.520
4/1/2021	13.38	13.30	100%	13.30	0.520
5/1/2021	13.38	13.31	100%	13.31	0.520
6/1/2021	13.38	13.33	100%	13.33	0.520
7/1/2021	13.38	13.33	100%	13.33	0.520
8/1/2021	13.38	13.33	100%	13.33	0.520
9/1/2021	13.38	13.89	100%	13.89	0.520
10/1/2021	13.38	13.63	100%	13.63	0.520
11/1/2021	13.38	13.40	100%	13.40	0.520
12/1/2021	13.38	13.42	100%	13.42	0.520
1/1/2022	13.44	13.57	96%	13.57	0.528
2/1/2022	13.44	13.59	92%	13.58	0.528
3/1/2022	13.44	13.61	88%	13.59	0.528
4/1/2022	13.44	13.62	84%	13.60	0.528
5/1/2022	13.44	13.64	80%	13.60	0.528
6/1/2022	13.44	13.66	76%	13.61	0.528
7/1/2022	13.44	13.66	72%	13.60	0.528
8/1/2022	13.44	13.66	68%	13.59	0.528
9/1/2022	13.44	14.23	64%	13.95	0.528
10/1/2022	13.44	13.96	60%	13.76	0.528
11/1/2022	13.44	13.73	56%	13.60	0.528
12/1/2022	13.44	13.75	52%	13.60	0.528
1/1/2023	13.75	13.90	48%	13.82	0.536
2/1/2023	13.75	13.92	44%	13.83	0.536
3/1/2023	13.75	13.94	40%	13.83	0.536
4/1/2023	13.75	13.96	36%	13.82	0.536
5/1/2023	13.75	13.98	32%	13.82	0.536
6/1/2023	13.75	13.99	28%	13.82	0.536
7/1/2023	13.75	13.93	24%	13.79	0.536
8/1/2023	13.75	13.93	20%	13.79	0.536
9/1/2023	13.75	14.51	16%	13.87	0.536
10/1/2023	13.75	14.24	12%	13.81	0.536
11/1/2023	13.75	14.00	8%	13.77	0.536
12/1/2023	13.75	14.03	4%	13.76	0.536
1/1/2024	14.08	14.18	0%	14.08	0.544
2/1/2024	14.08	14.20	0%	14.08	0.544
3/1/2024	14.08	14.22	0%	14.08	0.544
4/1/2024	14.08	14.24	0%	14.08	0.544
5/1/2024	14.08	14.26	0%	14.08	0.544

PROSYM INPUT

Date	nomianl$/MMBtu
1/1/2019	13.43
2/1/2019	14.37
3/1/2019	14.29
4/1/2019	14.83
5/1/2019	14.79
6/1/2019	13.67
7/1/2019	14.37
8/1/2019	13.55
9/1/2019	14.08
10/1/2019	13.82
11/1/2019	13.58
12/1/2019	13.59
1/1/2020	14.32
2/1/2020	14.61
3/1/2020	15.11
4/1/2020	14.94
5/1/2020	13.62
6/1/2020	14.11
7/1/2020	13.50
8/1/2020	14.33
9/1/2020	14.15
10/1/2020	13.89
11/1/2020	13.67
12/1/2020	13.69
1/1/2021	13.76
2/1/2021	13.78
3/1/2021	13.80
4/1/2021	13.82
5/1/2021	13.83
6/1/2021	13.85
7/1/2021	13.85
8/1/2021	13.85
9/1/2021	14.41
10/1/2021	14.15
11/1/2021	13.92
12/1/2021	13.94
1/1/2022	14.09
2/1/2022	14.10
3/1/2022	14.11
4/1/2022	14.12
5/1/2022	14.13
6/1/2022	14.14
7/1/2022	14.13
8/1/2022	14.12
9/1/2022	14.47
10/1/2022	14.28
11/1/2022	14.13
12/1/2022	14.13
1/1/2023	14.36
2/1/2023	14.36
3/1/2023	14.36
4/1/2023	14.36
5/1/2023	14.36
6/1/2023	14.35
7/1/2023	14.33
8/1/2023	14.32
9/1/2023	14.41
10/1/2023	14.34
11/1/2023	14.31
12/1/2023	14.30
1/1/2024	14.63
2/1/2024	14.63
3/1/2024	14.63
4/1/2024	14.63
5/1/2024	14.63

ANNUAL AVERAGE

		Vandolah
2019	2019	14.03
2019	2020	14.16
2019	2021	13.91
2019	2022	14.16
2019	2023	14.35
2019	2024	14.63
2019	2025	14.99
2019	2026	15.56
2019	2027	16.21
2019	2028	16.97
2019	2029	17.66
2019	2030	18.09
2020	2031	18.50
2020	2032	18.91
2020	2033	19.35
2020	2034	19.79
2020	2035	20.24
2020	2036	20.70
2020	2037	21.18
2020	2038	21.58
2020	2039	21.96
2020	2040	22.11
2020	2041	22.68
2020	2042	23.26
2021	2043	23.46
2021	2044	24.06
2021	2045	24.26
2021	2046	24.87
2021	2047	25.49
2021	2048	25.68
2021	2049	26.32
2021	2050	26.33
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6/1/2024	14.08	14.27	0%	14.08	0.544	6/1/2024	14.63	2024
7/1/2024	14.08	14.21	0%	14.08	0.544	7/1/2024	14.63	2024
8/1/2024	14.08	14.21	0%	14.08	0.544	8/1/2024	14.63	2024
9/1/2024	14.08	14.80	0%	14.08	0.544	9/1/2024	14.63	2024
10/1/2024	14.08	14.53	0%	14.08	0.544	10/1/2024	14.63	2024
11/1/2024	14.08	14.28	0%	14.08	0.544	11/1/2024	14.63	2024
12/1/2024	14.08	14.31	0%	14.08	0.544	12/1/2024	14.63	2024
1/1/2025	14.43	14.47	0%	14.43	0.552	1/1/2025	14.99	2025
2/1/2025	14.43	14.48	0%	14.43	0.552	2/1/2025	14.99	2025
3/1/2025	14.43	14.50	0%	14.43	0.552	3/1/2025	14.99	2025
4/1/2025	14.43	14.52	0%	14.43	0.552	4/1/2025	14.99	2025
5/1/2025	14.43	14.54	0%	14.43	0.552	5/1/2025	14.99	2025
6/1/2025	14.43	14.56	0%	14.43	0.552	6/1/2025	14.99	2025
7/1/2025	14.43	14.50	0%	14.43	0.552	7/1/2025	14.99	2025
8/1/2025	14.43	14.50	0%	14.43	0.552	8/1/2025	14.99	2025
9/1/2025	14.43	15.10	0%	14.43	0.552	9/1/2025	14.99	2025
10/1/2025	14.43	14.82	0%	14.43	0.552	10/1/2025	14.99	2025
11/1/2025	14.43	14.57	0%	14.43	0.552	11/1/2025	14.99	2025
12/1/2025	14.43	14.60	0%	14.43	0.552	12/1/2025	14.99	2025
1/1/2026	15.00	14.75	0%	15.00	0.561	1/1/2026	15.56	2026
2/1/2026	15.00	14.77	0%	15.00	0.561	2/1/2026	15.56	2026
3/1/2026	15.00	14.79	0%	15.00	0.561	3/1/2026	15.56	2026
4/1/2026	15.00	14.81	0%	15.00	0.561	4/1/2026	15.56	2026
5/1/2026	15.00	14.83	0%	15.00	0.561	5/1/2026	15.56	2026
6/1/2026	15.00	14.85	0%	15.00	0.561	6/1/2026	15.56	2026
7/1/2026	15.00	14.79	0%	15.00	0.561	7/1/2026	15.56	2026
8/1/2026	15.00	14.79	0%	15.00	0.561	8/1/2026	15.56	2026
9/1/2026	15.00	15.40	0%	15.00	0.561	9/1/2026	15.56	2026
10/1/2026	15.00	15.11	0%	15.00	0.561	10/1/2026	15.56	2026
11/1/2026	15.00	14.86	0%	15.00	0.561	11/1/2026	15.56	2026
12/1/2026	15.00	14.89	0%	15.00	0.561	12/1/2026	15.56	2026
1/1/2027	15.64	15.05	0%	15.64	0.569	1/1/2027	16.21	2027
2/1/2027	15.64	15.07	0%	15.64	0.569	2/1/2027	16.21	2027
3/1/2027	15.64	15.09	0%	15.64	0.569	3/1/2027	16.21	2027
4/1/2027	15.64	15.11	0%	15.64	0.569	4/1/2027	16.21	2027
5/1/2027	15.64	15.13	0%	15.64	0.569	5/1/2027	16.21	2027
6/1/2027	15.64	15.15	0%	15.64	0.569	6/1/2027	16.21	2027
7/1/2027	15.64	15.08	0%	15.64	0.569	7/1/2027	16.21	2027
8/1/2027	15.64	15.08	0%	15.64	0.569	8/1/2027	16.21	2027
9/1/2027	15.64	15.71	0%	15.64	0.569	9/1/2027	16.21	2027
10/1/2027	15.64	15.42	0%	15.64	0.569	10/1/2027	16.21	2027
11/1/2027	15.64	15.16	0%	15.64	0.569	11/1/2027	16.21	2027
12/1/2027	15.64	15.19	0%	15.64	0.569	12/1/2027	16.21	2027
1/1/2028	16.39	15.35	0%	16.39	0.577	1/1/2028	16.97	2028
2/1/2028	16.39	15.37	0%	16.39	0.577	2/1/2028	16.97	2028
3/1/2028	16.39	15.39	0%	16.39	0.577	3/1/2028	16.97	2028
4/1/2028	16.39	15.41	0%	16.39	0.577	4/1/2028	16.97	2028
5/1/2028	16.39	15.43	0%	16.39	0.577	5/1/2028	16.97	2028
6/1/2028	16.39	15.45	0%	16.39	0.577	6/1/2028	16.97	2028
7/1/2028	16.39	15.38	0%	16.39	0.577	7/1/2028	16.97	2028
8/1/2028	16.39	15.38	0%	16.39	0.577	8/1/2028	16.97	2028
9/1/2028	16.39	16.03	0%	16.39	0.577	9/1/2028	16.97	2028
10/1/2028	16.39	15.73	0%	16.39	0.577	10/1/2028	16.97	2028
11/1/2028	16.39	15.46	0%	16.39	0.577	11/1/2028	16.97	2028
12/1/2028	16.39	15.49	0%	16.39	0.577	12/1/2028	16.97	2028
1/1/2029	17.07	15.66	0%	17.07	0.586	1/1/2029	17.66	2029
2/1/2029	17.07	15.68	0%	17.07	0.586	2/1/2029	17.66	2029
3/1/2029	17.07	15.70	0%	17.07	0.586	3/1/2029	17.66	2029
4/1/2029	17.07	15.72	0%	17.07	0.586	4/1/2029	17.66	2029
5/1/2029	17.07	15.74	0%	17.07	0.586	5/1/2029	17.66	2029
6/1/2029	17.07	15.76	0%	17.07	0.586	6/1/2029	17.66	2029
7/1/2029	17.07	15.69	0%	17.07	0.586	7/1/2029	17.66	2029
8/1/2029	17.07	15.69	0%	17.07	0.586	8/1/2029	17.66	2029
9/1/2029	17.07	16.35	0%	17.07	0.586	9/1/2029	17.66	2029
10/1/2029	17.07	16.04	0%	17.07	0.586	10/1/2029	17.66	2029
11/1/2029	17.07	15.77	0%	17.07	0.586	11/1/2029	17.66	2029
12/1/2029	17.07	15.80	0%	17.07	0.586	12/1/2029	17.66	2029
1/1/2030	17.50	15.97	0%	17.50	0.595	1/1/2030	18.09	2030
2/1/2030	17.50	15.99	0%	17.50	0.595	2/1/2030	18.09	2030
3/1/2030	17.50	16.01	0%	17.50	0.595	3/1/2030	18.09	2030
4/1/2030	17.50	16.03	0%	17.50	0.595	4/1/2030	18.09	2030

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5/1/2030	17.50	16.05	0%	17.50	0.595	5/1/2030	18.09	2030
6/1/2030	17.50	16.08	0%	17.50	0.595	6/1/2030	18.09	2030
7/1/2030	17.50	16.00	0%	17.50	0.595	7/1/2030	18.09	2030
8/1/2030	17.50	16.00	0%	17.50	0.595	8/1/2030	18.09	2030
9/1/2030	17.50	16.67	0%	17.50	0.595	9/1/2030	18.09	2030
10/1/2030	17.50	16.36	0%	17.50	0.595	10/1/2030	18.09	2030
11/1/2030	17.50	16.09	0%	17.50	0.595	11/1/2030	18.09	2030
12/1/2030	17.50	16.12	0%	17.50	0.595	12/1/2030	18.09	2030
1/1/2031	17.89	16.29	0%	17.89	0.604	1/1/2031	18.50	2031
2/1/2031	17.89	16.31	0%	17.89	0.604	2/1/2031	18.50	2031
3/1/2031	17.89	16.33	0%	17.89	0.604	3/1/2031	18.50	2031
4/1/2031	17.89	16.35	0%	17.89	0.604	4/1/2031	18.50	2031
5/1/2031	17.89	16.38	0%	17.89	0.604	5/1/2031	18.50	2031
6/1/2031	17.89	16.40	0%	17.89	0.604	6/1/2031	18.50	2031
7/1/2031	17.89	16.32	0%	17.89	0.604	7/1/2031	18.50	2031
8/1/2031	17.89	16.32	0%	17.89	0.604	8/1/2031	18.50	2031
9/1/2031	17.89	17.01	0%	17.89	0.604	9/1/2031	18.50	2031
10/1/2031	17.89	16.69	0%	17.89	0.604	10/1/2031	18.50	2031
11/1/2031	17.89	16.41	0%	17.89	0.604	11/1/2031	18.50	2031
12/1/2031	17.89	16.44	0%	17.89	0.604	12/1/2031	18.50	2031
1/1/2032	18.30	16.62	0%	18.30	0.613	1/1/2032	18.91	2032
2/1/2032	18.30	16.64	0%	18.30	0.613	2/1/2032	18.91	2032
3/1/2032	18.30	16.66	0%	18.30	0.613	3/1/2032	18.91	2032
4/1/2032	18.30	16.68	0%	18.30	0.613	4/1/2032	18.91	2032
5/1/2032	18.30	16.70	0%	18.30	0.613	5/1/2032	18.91	2032
6/1/2032	18.30	16.72	0%	18.30	0.613	6/1/2032	18.91	2032
7/1/2032	18.30	16.65	0%	18.30	0.613	7/1/2032	18.91	2032
8/1/2032	18.30	16.65	0%	18.30	0.613	8/1/2032	18.91	2032
9/1/2032	18.30	17.35	0%	18.30	0.613	9/1/2032	18.91	2032
10/1/2032	18.30	17.02	0%	18.30	0.613	10/1/2032	18.91	2032
11/1/2032	18.30	16.74	0%	18.30	0.613	11/1/2032	18.91	2032
12/1/2032	18.30	16.77	0%	18.30	0.613	12/1/2032	18.91	2032
1/1/2033	18.73	16.95	0%	18.73	0.622	1/1/2033	19.35	2033
2/1/2033	18.73	16.97	0%	18.73	0.622	2/1/2033	19.35	2033
3/1/2033	18.73	16.99	0%	18.73	0.622	3/1/2033	19.35	2033
4/1/2033	18.73	17.01	0%	18.73	0.622	4/1/2033	19.35	2033
5/1/2033	18.73	17.04	0%	18.73	0.622	5/1/2033	19.35	2033
6/1/2033	18.73	17.06	0%	18.73	0.622	6/1/2033	19.35	2033
7/1/2033	18.73	16.98	0%	18.73	0.622	7/1/2033	19.35	2033
8/1/2033	18.73	16.98	0%	18.73	0.622	8/1/2033	19.35	2033
9/1/2033	18.73	17.69	0%	18.73	0.622	9/1/2033	19.35	2033
10/1/2033	18.73	17.36	0%	18.73	0.622	10/1/2033	19.35	2033
11/1/2033	18.73	17.07	0%	18.73	0.622	11/1/2033	19.35	2033
12/1/2033	18.73	17.10	0%	18.73	0.622	12/1/2033	19.35	2033
1/1/2034	19.16	17.29	0%	19.16	0.631	1/1/2034	19.79	2034
2/1/2034	19.16	17.31	0%	19.16	0.631	2/1/2034	19.79	2034
3/1/2034	19.16	17.33	0%	19.16	0.631	3/1/2034	19.79	2034
4/1/2034	19.16	17.36	0%	19.16	0.631	4/1/2034	19.79	2034
5/1/2034	19.16	17.38	0%	19.16	0.631	5/1/2034	19.79	2034
6/1/2034	19.16	17.40	0%	19.16	0.631	6/1/2034	19.79	2034
7/1/2034	19.16	17.32	0%	19.16	0.631	7/1/2034	19.79	2034
8/1/2034	19.16	17.32	0%	19.16	0.631	8/1/2034	19.79	2034
9/1/2034	19.16	18.05	0%	19.16	0.631	9/1/2034	19.79	2034
10/1/2034	19.16	17.71	0%	19.16	0.631	10/1/2034	19.79	2034
11/1/2034	19.16	17.41	0%	19.16	0.631	11/1/2034	19.79	2034
12/1/2034	19.16	17.44	0%	19.16	0.631	12/1/2034	19.79	2034
1/1/2035	19.60	17.63	0%	19.60	0.641	1/1/2035	20.24	2035
2/1/2035	19.60	17.66	0%	19.60	0.641	2/1/2035	20.24	2035
3/1/2035	19.60	17.68	0%	19.60	0.641	3/1/2035	20.24	2035
4/1/2035	19.60	17.70	0%	19.60	0.641	4/1/2035	20.24	2035
5/1/2035	19.60	17.73	0%	19.60	0.641	5/1/2035	20.24	2035
6/1/2035	19.60	17.75	0%	19.60	0.641	6/1/2035	20.24	2035
7/1/2035	19.60	17.67	0%	19.60	0.641	7/1/2035	20.24	2035
8/1/2035	19.60	17.67	0%	19.60	0.641	8/1/2035	20.24	2035
9/1/2035	19.60	18.41	0%	19.60	0.641	9/1/2035	20.24	2035
10/1/2035	19.60	18.06	0%	19.60	0.641	10/1/2035	20.24	2035
11/1/2035	19.60	17.76	0%	19.60	0.641	11/1/2035	20.24	2035
12/1/2035	19.60	17.79	0%	19.60	0.641	12/1/2035	20.24	2035
1/1/2036	20.05	17.99	0%	20.05	0.641	1/1/2036	20.69	2036
2/1/2036	20.05	18.01	0%	20.05	0.641	2/1/2036	20.69	2036
3/1/2036	20.05	18.03	0%	20.05	0.651	3/1/2036	20.70	2036

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4/1/2036	20.05	18.06	0%	20.05	0.651	4/1/2036	20.70	2036
5/1/2036	20.05	18.08	0%	20.05	0.651	5/1/2036	20.70	2036
6/1/2036	20.05	18.10	0%	20.05	0.651	6/1/2036	20.70	2036
7/1/2036	20.05	18.02	0%	20.05	0.651	7/1/2036	20.70	2036
8/1/2036	20.05	18.02	0%	20.05	0.651	8/1/2036	20.70	2036
9/1/2036	20.05	18.78	0%	20.05	0.651	9/1/2036	20.70	2036
10/1/2036	20.05	18.42	0%	20.05	0.651	10/1/2036	20.70	2036
11/1/2036	20.05	18.12	0%	20.05	0.651	11/1/2036	20.70	2036
12/1/2036	20.05	18.15	0%	20.05	0.651	12/1/2036	20.70	2036
1/1/2037	20.52	18.35	0%	20.52	0.651	1/1/2037	21.17	2037
2/1/2037	20.52	18.37	0%	20.52	0.651	2/1/2037	21.17	2037
3/1/2037	20.52	18.39	0%	20.52	0.660	3/1/2037	21.18	2037
4/1/2037	20.52	18.42	0%	20.52	0.660	4/1/2037	21.18	2037
5/1/2037	20.52	18.44	0%	20.52	0.660	5/1/2037	21.18	2037
6/1/2037	20.52	18.47	0%	20.52	0.660	6/1/2037	21.18	2037
7/1/2037	20.52	18.38	0%	20.52	0.660	7/1/2037	21.18	2037
8/1/2037	20.52	18.38	0%	20.52	0.660	8/1/2037	21.18	2037
9/1/2037	20.52	19.15	0%	20.52	0.660	9/1/2037	21.18	2037
10/1/2037	20.52	18.79	0%	20.52	0.660	10/1/2037	21.18	2037
11/1/2037	20.52	18.48	0%	20.52	0.660	11/1/2037	21.18	2037
12/1/2037	20.52	18.51	0%	20.52	0.660	12/1/2037	21.18	2037
1/1/2038	20.91	18.71	0%	20.91	0.660	1/1/2038	21.57	2038
2/1/2038	20.91	18.74	0%	20.91	0.660	2/1/2038	21.57	2038
3/1/2038	20.91	18.76	0%	20.91	0.670	3/1/2038	21.58	2038
4/1/2038	20.91	18.79	0%	20.91	0.670	4/1/2038	21.58	2038
5/1/2038	20.91	18.81	0%	20.91	0.670	5/1/2038	21.58	2038
6/1/2038	20.91	18.83	0%	20.91	0.670	6/1/2038	21.58	2038
7/1/2038	20.91	18.75	0%	20.91	0.670	7/1/2038	21.58	2038
8/1/2038	20.91	18.75	0%	20.91	0.670	8/1/2038	21.58	2038
9/1/2038	20.91	19.53	0%	20.91	0.670	9/1/2038	21.58	2038
10/1/2038	20.91	19.17	0%	20.91	0.670	10/1/2038	21.58	2038
11/1/2038	20.91	18.85	0%	20.91	0.670	11/1/2038	21.58	2038
12/1/2038	20.91	18.88	0%	20.91	0.670	12/1/2038	21.58	2038
1/1/2039	21.29	19.09	0%	21.29	0.670	1/1/2039	21.96	2039
2/1/2039	21.29	19.11	0%	21.29	0.670	2/1/2039	21.96	2039
3/1/2039	21.29	19.14	0%	21.29	0.680	3/1/2039	21.97	2039
4/1/2039	21.29	19.16	0%	21.29	0.680	4/1/2039	21.97	2039
5/1/2039	21.29	19.19	0%	21.29	0.680	5/1/2039	21.97	2039
6/1/2039	21.29	19.21	0%	21.29	0.680	6/1/2039	21.97	2039
7/1/2039	21.29	19.13	0%	21.29	0.680	7/1/2039	21.97	2039
8/1/2039	21.29	19.13	0%	21.29	0.680	8/1/2039	21.97	2039
9/1/2039	21.29	19.93	0%	21.29	0.680	9/1/2039	21.97	2039
10/1/2039	21.29	19.55	0%	21.29	0.680	10/1/2039	21.97	2039
11/1/2039	21.29	19.22	0%	21.29	0.680	11/1/2039	21.97	2039
12/1/2039	21.29	19.26	0%	21.29	0.680	12/1/2039	21.97	2039
1/1/2040	21.42	19.47	0%	21.42	0.680	1/1/2040	22.10	2040
2/1/2040	21.42	19.49	0%	21.42	0.680	2/1/2040	22.10	2040
3/1/2040	21.42	19.52	0%	21.42	0.691	3/1/2040	22.11	2040
4/1/2040	21.42	19.54	0%	21.42	0.691	4/1/2040	22.11	2040
5/1/2040	21.42	19.57	0%	21.42	0.691	5/1/2040	22.11	2040
6/1/2040	21.42	19.60	0%	21.42	0.691	6/1/2040	22.11	2040
7/1/2040	21.42	19.51	0%	21.42	0.691	7/1/2040	22.11	2040
8/1/2040	21.42	19.51	0%	21.42	0.691	8/1/2040	22.11	2040
9/1/2040	21.42	20.32	0%	21.42	0.691	9/1/2040	22.11	2040
10/1/2040	21.42	19.94	0%	21.42	0.691	10/1/2040	22.11	2040
11/1/2040	21.42	19.61	0%	21.42	0.691	11/1/2040	22.11	2040
12/1/2040	21.42	19.64	0%	21.42	0.691	12/1/2040	22.11	2040
1/1/2041	21.98	19.86	0%	21.98	0.691	1/1/2041	22.67	2041
2/1/2041	21.98	19.88	0%	21.98	0.691	2/1/2041	22.67	2041
3/1/2041	21.98	19.91	0%	21.98	0.701	3/1/2041	22.68	2041
4/1/2041	21.98	19.94	0%	21.98	0.701	4/1/2041	22.68	2041
5/1/2041	21.98	19.96	0%	21.98	0.701	5/1/2041	22.68	2041
6/1/2041	21.98	19.99	0%	21.98	0.701	6/1/2041	22.68	2041
7/1/2041	21.98	19.90	0%	21.98	0.701	7/1/2041	22.68	2041
8/1/2041	21.98	19.90	0%	21.98	0.701	8/1/2041	22.68	2041
9/1/2041	21.98	20.73	0%	21.98	0.701	9/1/2041	22.68	2041
10/1/2041	21.98	20.34	0%	21.98	0.701	10/1/2041	22.68	2041
11/1/2041	21.98	20.00	0%	21.98	0.701	11/1/2041	22.68	2041
12/1/2041	21.98	20.04	0%	21.98	0.701	12/1/2041	22.68	2041
1/1/2042	22.55	20.25	0%	22.55	0.701	1/1/2042	23.25	2042
2/1/2042	22.55	20.28	0%	22.55	0.701	2/1/2042	23.25	2042

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3/1/2042	22.55	20.31	0%	22.55	0.711	3/1/2042	23.26	2042
4/1/2042	22.55	20.33	0%	22.55	0.711	4/1/2042	23.26	2042
5/1/2042	22.55	20.36	0%	22.55	0.711	5/1/2042	23.26	2042
6/1/2042	22.55	20.39	0%	22.55	0.711	6/1/2042	23.26	2042
7/1/2042	22.55	20.30	0%	22.55	0.711	7/1/2042	23.26	2042
8/1/2042	22.55	20.30	0%	22.55	0.711	8/1/2042	23.26	2042
9/1/2042	22.55	21.14	0%	22.55	0.711	9/1/2042	23.26	2042
10/1/2042	22.55	20.75	0%	22.55	0.711	10/1/2042	23.26	2042
11/1/2042	22.55	20.40	0%	22.55	0.711	11/1/2042	23.26	2042
12/1/2042	22.55	20.44	0%	22.55	0.711	12/1/2042	23.26	2042
1/1/2043	22.74	20.66	0%	22.74	0.711	1/1/2043	23.45	2043
2/1/2043	22.74	20.69	0%	22.74	0.711	2/1/2043	23.45	2043
3/1/2043	22.74	20.71	0%	22.74	0.722	3/1/2043	23.46	2043
4/1/2043	22.74	20.74	0%	22.74	0.722	4/1/2043	23.46	2043
5/1/2043	22.74	20.77	0%	22.74	0.722	5/1/2043	23.46	2043
6/1/2043	22.74	20.80	0%	22.74	0.722	6/1/2043	23.46	2043
7/1/2043	22.74	20.70	0%	22.74	0.722	7/1/2043	23.46	2043
8/1/2043	22.74	20.70	0%	22.74	0.722	8/1/2043	23.46	2043
9/1/2043	22.74	21.57	0%	22.74	0.722	9/1/2043	23.46	2043
10/1/2043	22.74	21.16	0%	22.74	0.722	10/1/2043	23.46	2043
11/1/2043	22.74	20.81	0%	22.74	0.722	11/1/2043	23.46	2043
12/1/2043	22.74	20.85	0%	22.74	0.722	12/1/2043	23.46	2043
1/1/2044	23.33	21.07	0%	23.33	0.722	1/1/2044	24.05	2044
2/1/2044	23.33	21.10	0%	23.33	0.722	2/1/2044	24.05	2044
3/1/2044	23.33	21.13	0%	23.33	0.733	3/1/2044	24.06	2044
4/1/2044	23.33	21.16	0%	23.33	0.733	4/1/2044	24.06	2044
5/1/2044	23.33	21.18	0%	23.33	0.733	5/1/2044	24.06	2044
6/1/2044	23.33	21.21	0%	23.33	0.733	6/1/2044	24.06	2044
7/1/2044	23.33	21.12	0%	23.33	0.733	7/1/2044	24.06	2044
8/1/2044	23.33	21.12	0%	23.33	0.733	8/1/2044	24.06	2044
9/1/2044	23.33	22.00	0%	23.33	0.733	9/1/2044	24.06	2044
10/1/2044	23.33	21.59	0%	23.33	0.733	10/1/2044	24.06	2044
11/1/2044	23.33	21.22	0%	23.33	0.733	11/1/2044	24.06	2044
12/1/2044	23.33	21.26	0%	23.33	0.733	12/1/2044	24.06	2044
1/1/2045	23.52	21.49	0%	23.52	0.733	1/1/2045	24.25	2045
2/1/2045	23.52	21.52	0%	23.52	0.733	2/1/2045	24.25	2045
3/1/2045	23.52	21.55	0%	23.52	0.744	3/1/2045	24.26	2045
4/1/2045	23.52	21.58	0%	23.52	0.744	4/1/2045	24.26	2045
5/1/2045	23.52	21.61	0%	23.52	0.744	5/1/2045	24.26	2045
6/1/2045	23.52	21.64	0%	23.52	0.744	6/1/2045	24.26	2045
7/1/2045	23.52	21.54	0%	23.52	0.744	7/1/2045	24.26	2045
8/1/2045	23.52	21.54	0%	23.52	0.744	8/1/2045	24.26	2045
9/1/2045	23.52	22.44	0%	23.52	0.744	9/1/2045	24.26	2045
10/1/2045	23.52	22.02	0%	23.52	0.744	10/1/2045	24.26	2045
11/1/2045	23.52	21.65	0%	23.52	0.744	11/1/2045	24.26	2045
12/1/2045	23.52	21.69	0%	23.52	0.744	12/1/2045	24.26	2045
1/1/2046	24.12	21.92	0%	24.12	0.744	1/1/2046	24.86	2046
2/1/2046	24.12	21.95	0%	24.12	0.744	2/1/2046	24.86	2046
3/1/2046	24.12	21.98	0%	24.12	0.755	3/1/2046	24.87	2046
4/1/2046	24.12	22.01	0%	24.12	0.755	4/1/2046	24.87	2046
5/1/2046	24.12	22.04	0%	24.12	0.755	5/1/2046	24.87	2046
6/1/2046	24.12	22.07	0%	24.12	0.755	6/1/2046	24.87	2046
7/1/2046	24.12	21.97	0%	24.12	0.755	7/1/2046	24.87	2046
8/1/2046	24.12	21.97	0%	24.12	0.755	8/1/2046	24.87	2046
9/1/2046	24.12	22.89	0%	24.12	0.755	9/1/2046	24.87	2046
10/1/2046	24.12	22.46	0%	24.12	0.755	10/1/2046	24.87	2046
11/1/2046	24.12	22.08	0%	24.12	0.755	11/1/2046	24.87	2046
12/1/2046	24.12	22.12	0%	24.12	0.755	12/1/2046	24.87	2046
1/1/2047	24.73	22.36	0%	24.73	0.755	1/1/2047	25.48	2047
2/1/2047	24.73	22.39	0%	24.73	0.755	2/1/2047	25.48	2047
3/1/2047	24.73	22.42	0%	24.73	0.766	3/1/2047	25.50	2047
4/1/2047	24.73	22.45	0%	24.73	0.766	4/1/2047	25.50	2047
5/1/2047	24.73	22.48	0%	24.73	0.766	5/1/2047	25.50	2047
6/1/2047	24.73	22.51	0%	24.73	0.766	6/1/2047	25.50	2047
7/1/2047	24.73	22.41	0%	24.73	0.766	7/1/2047	25.50	2047
8/1/2047	24.73	22.41	0%	24.73	0.766	8/1/2047	25.50	2047
9/1/2047	24.73	23.35	0%	24.73	0.766	9/1/2047	25.50	2047
10/1/2047	24.73	22.91	0%	24.73	0.766	10/1/2047	25.50	2047
11/1/2047	24.73	22.52	0%	24.73	0.766	11/1/2047	25.50	2047
12/1/2047	24.73	22.57	0%	24.73	0.766	12/1/2047	25.50	2047
1/1/2048	24.91	22.81	0%	24.91	0.766	1/1/2048	25.67	2048

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2/1/2048	24.91	22.84	0%	24.91	0.766	2/1/2048	25.67	2048
3/1/2048	24.91	22.87	0%	24.91	0.778	3/1/2048	25.68	2048
4/1/2048	24.91	22.90	0%	24.91	0.778	4/1/2048	25.68	2048
5/1/2048	24.91	22.93	0%	24.91	0.778	5/1/2048	25.68	2048
6/1/2048	24.91	22.96	0%	24.91	0.778	6/1/2048	25.68	2048
7/1/2048	24.91	22.86	0%	24.91	0.778	7/1/2048	25.68	2048
8/1/2048	24.91	22.86	0%	24.91	0.778	8/1/2048	25.68	2048
9/1/2048	24.91	23.81	0%	24.91	0.778	9/1/2048	25.68	2048
10/1/2048	24.91	23.37	0%	24.91	0.778	10/1/2048	25.68	2048
11/1/2048	24.91	22.97	0%	24.91	0.778	11/1/2048	25.68	2048
12/1/2048	24.91	23.02	0%	24.91	0.778	12/1/2048	25.68	2048
1/1/2049	25.53	23.27	0%	25.53	0.778	1/1/2049	26.31	2049
2/1/2049	25.53	23.30	0%	25.53	0.778	2/1/2049	26.31	2049
3/1/2049	25.53	23.33	0%	25.53	0.790	3/1/2049	26.32	2049
4/1/2049	25.53	23.36	0%	25.53	0.790	4/1/2049	26.32	2049
5/1/2049	25.53	23.39	0%	25.53	0.790	5/1/2049	26.32	2049
6/1/2049	25.53	23.42	0%	25.53	0.790	6/1/2049	26.32	2049
7/1/2049	25.53	23.32	0%	25.53	0.790	7/1/2049	26.32	2049
8/1/2049	25.53	23.32	0%	25.53	0.790	8/1/2049	26.32	2049
9/1/2049	25.53	24.29	0%	25.53	0.790	9/1/2049	26.32	2049
10/1/2049	25.53	23.83	0%	25.53	0.790	10/1/2049	26.32	2049
11/1/2049	25.53	23.43	0%	25.53	0.790	11/1/2049	26.32	2049
12/1/2049	25.53	23.48	0%	25.53	0.790	12/1/2049	26.32	2049
1/1/2050	25.53	23.73	0%	25.53	0.790	1/1/2050	26.32	2050
2/1/2050	25.53	23.76	0%	25.53	0.790	2/1/2050	26.32	2050
3/1/2050	25.53	23.79	0%	25.53	0.801	3/1/2050	26.34	2050
4/1/2050	25.53	23.83	0%	25.53	0.801	4/1/2050	26.34	2050
5/1/2050	25.53	23.86	0%	25.53	0.801	5/1/2050	26.34	2050
6/1/2050	25.53	23.89	0%	25.53	0.801	6/1/2050	26.34	2050
7/1/2050	25.53	23.78	0%	25.53	0.801	7/1/2050	26.34	2050
8/1/2050	25.53	23.78	0%	25.53	0.801	8/1/2050	26.34	2050
9/1/2050	25.53	24.77	0%	25.53	0.801	9/1/2050	26.34	2050
10/1/2050	25.53	24.31	0%	25.53	0.801	10/1/2050	26.34	2050
11/1/2050	25.53	23.90	0%	25.53	0.801	11/1/2050	26.34	2050
12/1/2050	25.53	23.95	0%	25.53	0.801	12/1/2050	26.34	2050

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DEF NATURAL GAS DISPATCH PRICES

Month	Year	Base HH Regular Supply Cost	Physical Basis FGT Z3	Base Cost Regular Supply Z3	Average MMBTU Variable Cost	Average Variable MMBTU Delivered Costs	Average MMBTU Fixed Costs	Average MMBtu Delivered Variable & Fixed Costs
Jan	2019	3.110	$ (0.046)	$ 3.064	$0.10	3.17	1.70	4.86
Feb	2019	2.690	$ (0.019)	$ 2.671	$0.09	2.76	1.70	4.46
Mar	2019	2.950	$ (0.003)	$ 2.947	$0.10	3.05	1.70	4.74
Apr	2019	2.650	$ (0.001)	$ 2.649	$0.09	2.74	1.70	4.44
May	2019	2.640	$ 0.005	$ 2.645	$0.09	2.74	1.70	4.43
Jun	2019	2.400	$ 0.037	$ 2.437	$0.09	2.52	1.70	4.22
Jul	2019	2.370	$ 0.048	$ 2.418	$0.09	2.50	1.70	4.20
Aug	2019	2.220	$ 0.056	$ 2.276	$0.08	2.36	1.70	4.06
Sep	2019	2.560	$ 0.016	$ 2.576	$0.09	2.67	1.43	4.10
Oct	2019	2.743	$ 0.010	$ 2.753	$0.09	2.85	1.43	4.28
Nov	2019	2.303	$ 0.012	$ 2.315	$0.08	2.40	1.43	3.83
Dec	2019	2.495	$ 0.023	$ 2.518	$0.09	2.61	1.43	4.04
Jan	2020	2.612	$ 0.035	$ 2.647	$0.07	2.71	1.44	4.15
Feb	2020	2.575	$ 0.024	$ 2.599	$0.07	2.67	1.44	4.10
Mar	2020	2.462	$ (0.020)	$ 2.442	$0.06	2.50	1.44	3.94
Apr	2020	2.247	$ (0.019)	$ 2.228	$0.06	2.29	1.44	3.72
May	2020	2.234	$ 0.005	$ 2.239	$0.06	2.30	1.44	3.73
Jun	2020	2.278	$ 0.026	$ 2.304	$0.06	2.36	1.44	3.80
Jul	2020	2.326	$ 0.048	$ 2.374	$0.06	2.43	1.44	3.87
Aug	2020	2.335	$ 0.055	$ 2.390	$0.06	2.45	1.44	3.89
Sep	2020	2.318	$ 0.012	$ 2.330	$0.06	2.39	1.44	3.83
Oct	2020	2.344	$ 0.016	$ 2.360	$0.06	2.42	1.44	3.86
Nov	2020	2.409	$ 0.025	$ 2.434	$0.06	2.50	1.44	3.93
Dec	2020	2.578	$ 0.034	$ 2.612	$0.07	2.68	1.44	4.12
Jan	2021	2.694	$ 0.038	$ 2.732	$0.07	2.80	1.41	4.21
Feb	2021	2.654	$ 0.033	$ 2.686	$0.07	2.75	1.41	4.16
Mar	2021	2.508	$ (0.015)	$ 2.523	$0.06	2.59	1.41	4.00
Apr	2021	2.293	$ (0.021)	$ 2.272	$0.06	2.33	1.41	3.74
May	2021	2.281	$ 0.005	$ 2.286	$0.06	2.34	1.41	3.75
Jun	2021	2.320	$ 0.025	$ 2.345	$0.06	2.40	1.41	3.81
Jul	2021	2.360	$ 0.047	$ 2.407	$0.06	2.47	1.41	3.88
Aug	2021	2.377	$ 0.058	$ 2.435	$0.06	2.50	1.41	3.91
Sep	2021	2.384	$ 0.011	$ 2.395	$0.06	2.46	1.41	3.87
Oct	2021	2.408	$ 0.018	$ 2.426	$0.06	2.49	1.41	3.90
Nov	2021	2.483	$ 0.027	$ 2.510	$0.06	2.57	1.41	3.98
Dec	2021	2.648	$ 0.038	$ 2.686	$0.07	2.75	1.41	4.16
Jan	2022	2.754	$ 0.041	$ 2.795	$0.07	2.87	1.40	4.27
Feb	2022	2.746	$ 0.036	$ 2.781	$0.07	2.85	1.40	4.25
Mar	2022	2.688	$ (0.013)	$ 2.675	$0.07	2.74	1.40	4.14
Apr	2022	2.562	$ (0.016)	$ 2.546	$0.06	2.61	1.40	4.01
May	2022	2.575	$ 0.007	$ 2.581	$0.07	2.65	1.40	4.05
Jun	2022	2.622	$ 0.034	$ 2.656	$0.07	2.72	1.40	4.12
Jul	2022	2.694	$ 0.059	$ 2.753	$0.07	2.82	1.40	4.22
Aug	2022	2.730	$ 0.066	$ 2.796	$0.07	2.87	1.40	4.27
Sep	2022	2.742	$ 0.021	$ 2.763	$0.07	2.83	1.40	4.23
Oct	2022	2.763	$ 0.024	$ 2.787	$0.07	2.86	1.40	4.26
Nov	2022	2.859	$ 0.034	$ 2.893	$0.07	2.97	1.40	4.37
Dec	2022	3.004	$ 0.044	$ 3.049	$0.08	3.13	1.40	4.53
Jan	2023	3.093	$ 0.052	$ 3.145	$0.08	3.22	1.41	4.64
Feb	2023	3.109	$ 0.047	$ 3.156	$0.08	3.24	1.46	4.70
Mar	2023	3.044	$ (0.003)	$ 3.042	$0.08	3.12	1.46	4.58
Apr	2023	2.944	$ (0.008)	$ 2.956	$0.08	3.03	1.46	4.50
May	2023	2.996	$ 0.016	$ 3.012	$0.08	3.09	1.46	4.55
Jun	2023	3.052	$ 0.042	$ 3.094	$0.08	3.17	1.46	4.64
Jul	2023	3.178	$ 0.068	$ 3.242	$0.08	3.32	1.46	4.79
Aug	2023	3.218	$ 0.076	$ 3.295	$0.08	3.38	1.46	4.84
Sep	2023	3.214	$ 0.029	$ 3.243	$0.08	3.33	1.46	4.79
Oct	2023	3.218	$ 0.030	$ 3.248	$0.08	3.33	1.46	4.79
Nov	2023	3.423	$ 0.037	$ 3.460	$0.09	3.55	1.46	5.01
Dec	2023	3.514	$ 0.053	$ 3.567	$0.09	3.66	1.46	5.12
Jan	2024	3.606	$ 0.058	$ 3.666	$0.09	3.76	1.37	5.13
Feb	2024	3.631	$ 0.050	$ 3.681	$0.09	3.77	1.37	5.14
Mar	2024	3.618	$ (0.002)	$ 3.616	$0.09	3.71	1.37	5.07
Apr	2024	3.592	$ (0.007)	$ 3.585	$0.09	3.68	1.37	5.04
May	2024	3.615	$ 0.017	$ 3.632	$0.09	3.72	1.37	5.09
Jun	2024	3.685	$ 0.046	$ 3.730	$0.09	3.82	1.37	5.19
Jul	2024	3.807	$ 0.077	$ 3.883	$0.10	3.98	1.37	5.35
Aug	2024	3.840	$ 0.077	$ 3.917	$0.10	4.02	1.37	5.38
Sep	2024	3.802	$ 0.047	$ 3.849	$0.10	3.95	1.37	5.31
Oct	2024	3.775	$ 0.040	$ 3.815	$0.10	3.91	1.37	5.28
Nov	2024	3.933	$ 0.044	$ 3.976	$0.10	4.08	1.37	5.44
Dec	2024	4.077	$ 0.056	$ 4.133	$0.11	4.24	1.37	5.60
Jan	2025	4.135	$ 0.061	$ 4.196	$0.11	4.30	1.44	5.75
Feb	2025	4.161	$ 0.055	$ 4.216	$0.11	4.32	1.44	5.77
Mar	2025	4.084	$ (0.001)	$ 4.083	$0.10	4.19	1.44	5.63
Apr	2025	4.024	$ (0.011)	$ 4.013	$0.10	4.12	1.44	5.56
May	2025	4.047	$ 0.016	$ 4.063	$0.10	4.17	1.44	5.61
Jun	2025	4.077	$ 0.054	$ 4.131	$0.11	4.24	1.44	5.68
Jul	2025	4.291	$ 0.078	$ 4.370	$0.11	4.48	1.44	5.92
Aug	2025	4.197	$ 0.078	$ 4.404	$0.11	4.52	1.44	5.96
Sep	2025	3.954	$ 0.045	$ 3.999	$0.10	4.10	1.44	5.54
Oct	2025	3.931	$ 0.035	$ 3.966	$0.10	4.07	1.44	5.51
Nov	2025	4.044	$ 0.036	$ 4.080	$0.10	4.18	1.44	5.63
Dec	2025	4.230	$ 0.051	$ 4.282	$0.11	4.39	1.44	5.83
Jan	2026	4.486	$ 0.057	$ 4.543	$0.12	4.66	1.44	6.10
Feb	2026	4.511	$ 0.053	$ 4.564	$0.12	4.68	1.44	6.12
Mar	2026	4.404	$ (0.003)	$ 4.401	$0.11	4.51	1.44	5.95
Apr	2026	4.329	$ (0.001)	$ 4.328	$0.11	4.44	1.44	5.88
May	2026	4.356	$ 0.022	$ 4.378	$0.11	4.49	1.44	5.93
Jun	2026	4.419	$ 0.053	$ 4.471	$0.11	4.58	1.44	6.03
Jul	2026	4.729	$ 0.077	$ 4.806	$0.12	4.93	1.44	6.37
Aug	2026	4.766	$ 0.078	$ 4.845	$0.12	4.97	1.44	6.41
Sep	2026	4.580	$ 0.041	$ 4.621	$0.12	4.74	1.44	6.18
Oct	2026	4.509	$ 0.034	$ 4.543	$0.12	4.66	1.44	6.10
Nov	2026	4.580	$ 0.042	$ 4.622	$0.12	4.74	1.44	6.18
Dec	2026	4.785	$ 0.054	$ 4.839	$0.12	4.96	1.44	6.40
Jan	2027	4.934	$ 0.062	$ 4.995	$0.13	5.12	1.45	6.57
Feb	2027	4.964	$ 0.057	$ 5.021	$0.13	5.15	1.45	6.60
Mar	2027	4.885	$ (0.002)	$ 4.883	$0.12	5.01	1.45	6.46
Apr	2027	4.712	$ (0.002)	$ 4.710	$0.12	4.83	1.45	6.28
May	2027	4.740	$ 0.021	$ 4.761	$0.12	4.88	1.45	6.33
Jun	2027	4.870	$ 0.051	$ 4.880	$0.12	5.00	1.45	6.45
Jul	2027	5.195	$ 0.079	$ 5.273	$0.13	5.41	1.45	6.86
Aug	2027	5.231	$ 0.082	$ 5.313	$0.14	5.45	1.45	6.90
Sep	2027	5.177	$ 0.043	$ 5.220	$0.13	5.35	1.45	6.80
Oct	2027	4.938	$ 0.038	$ 4.977	$0.13	5.10	1.45	6.55
Nov	2027	5.015	$ 0.043	$ 5.057	$0.13	5.19	1.45	6.63
Dec	2027	5.246	$ 0.054	$ 5.309	$0.14	5.44	1.45	6.89
Jan	2028	5.442	$ 0.063	$ 5.505	$0.14	5.64	1.45	7.10
Feb	2028	5.475	$ 0.047	$ 5.522	$0.14	5.66	1.45	7.12
Mar	2028	5.346	$ (0.002)	$ 5.344	$0.14	5.48	1.45	6.93
Apr	2028	5.311	$ (0.006)	$ 5.305	$0.13	5.44	1.45	6.89
May	2028	5.344	$ 0.024	$ 5.367	$0.14	5.50	1.45	6.96
Jun	2028	5.598	$ 0.059	$ 5.645	$0.14	5.79	1.45	7.24
Jul	2028	5.576	$ 0.091	$ 5.667	$0.14	5.81	1.45	7.27
Aug	2028	5.618	$ 0.089	$ 5.707	$0.15	5.85	1.45	7.31
Sep	2028	5.672	$ 0.048	$ 5.720	$0.15	5.87	1.45	7.32
Oct	2028	5.619	$ 0.044	$ 5.663	$0.14	5.81	1.45	7.26
Nov	2028	5.676	$ 0.046	$ 5.722	$0.15	5.87	1.45	7.32
Dec	2028	5.999	$ 0.054	$ 6.053	$0.15	6.21	1.45	7.66
Jan	2029	6.140	$ 0.075	$ 6.215	$0.16	6.37	1.46	7.84
Feb	2029	6.178	$ 0.068	$ 6.246	$0.16	6.40	1.46	7.87
Mar	2029	5.894	$ 0.007	$ 5.902	$0.15	6.05	1.46	7.52
Apr	2029	5.914	$ 0.002	$ 5.916	$0.15	6.07	1.46	7.53
May	2029	5.999	$ 0.027	$ 6.026	$0.15	6.18	1.46	7.64
Jun	2029	6.162	$ 0.062	$ 6.224	$0.16	6.38	1.46	7.85
Jul	2029	5.977	$ 0.091	$ 5.893	$0.15	6.04	1.46	7.51
Aug	2029	5.845	$ 0.098	$ 5.943	$0.15	6.09	1.46	7.56
Sep	2029	6.001	$ 0.053	$ 6.054	$0.15	6.21	1.46	7.67
Oct	2029	5.987	$ 0.040	$ 6.027	$0.15	6.18	1.46	7.64
Nov	2029	5.861	$ 0.063	$ 5.924	$0.15	6.07	1.46	7.54
Dec	2029	6.131	$ 0.062	$ 6.193	$0.16	6.35	1.46	7.81
Jan	2030	6.179	$ 0.075	$ 6.255	$0.16	6.41	1.46	7.87
Feb	2030	6.217	$ 0.069	$ 6.287	$0.16	6.45	1.46	7.90
Mar	2030	6.071	$ 0.004	$ 6.074	$0.15	6.23	1.46	7.69
Apr	2030	6.076	$ (0.008)	$ 6.020	$0.15	6.17	1.46	7.63
May	2030	6.064	$ 0.029	$ 6.093	$0.15	6.25	1.46	7.70
Jun	2030	6.163	$ 0.069	$ 6.232	$0.16	6.39	1.46	7.85
Jul	2030	6.600	$ 0.104	$ 6.704	$0.17	6.87	1.46	8.33
Aug	2030	6.649	$ 0.113	$ 6.761	$0.17	6.93	1.46	8.39
Sep	2030	6.551	$ 0.056	$ 6.607	$0.17	6.78	1.46	8.23
Oct	2030	6.295	$ 0.053	$ 6.307	$0.16	6.47	1.46	7.92
Nov	2030	6.140	$ 0.056	$ 6.196	$0.16	6.35	1.46	7.81
Dec	2030	6.439	$ 0.064	$ 6.503	$0.17	6.67	1.46	8.13
Jan	2031	6.574	$ 0.098	$ 6.672	$0.17	6.84	1.49	8.33
Feb	2031	6.615	$ 0.092	$ 6.708	$0.17	6.88	1.49	8.36
Mar	2031	6.485	$ 0.019	$ 6.504	$0.17	6.67	1.49	8.15
Apr	2031	6.431	$ 0.000	$ 6.431	$0.16	6.59	1.49	8.08
May	2031	6.470	$ 0.055	$ 6.525	$0.17	6.69	1.49	8.18
Jun	2031	6.558	$ 0.082	$ 6.640	$0.17	6.81	1.49	8.29
Jul	2031	7.001	$ 0.116	$ 7.117	$0.18	7.30	1.49	8.78
Aug	2031	7.071	$ 0.139	$ 7.210	$0.18	7.39	1.49	8.88
Sep	2031	6.940	$ 0.086	$ 7.026	$0.18	7.20	1.49	8.69
Oct	2031	6.723	$ 0.082	$ 6.806	$0.17	6.98	1.49	8.46
Nov	2031	6.818	$ 0.066	$ 6.884	$0.18	7.06	1.49	8.54
Dec	2031	7.054	$ 0.082	$ 7.135	$0.18	7.32	1.49	8.80
Jan	2032	7.049	$ 0.106	$ 7.155	$0.18	7.34	1.49	8.82
Feb	2032	7.087	$ 0.077	$ 7.165	$0.18	7.35	1.49	8.83
Mar	2032	7.059	$ 0.050	$ 7.109	$0.18	7.29	1.49	8.78
Apr	2032	6.843	$ 0.026	$ 6.869	$0.17	7.04	1.49	8.53
May	2032	6.880	$ 0.069	$ 6.949	$0.18	7.13	1.49	8.61
Jun	2032	6.924	$ 0.095	$ 7.019	$0.18	7.20	1.49	8.68
Jul	2032	7.118	$ 0.136	$ 7.254	$0.18	7.44	1.49	8.92
Aug	2032	7.178	$ 0.159	$ 7.338	$0.19	7.52	1.49	9.01
Sep	2032	7.075	$ 0.091	$ 7.166	$0.18	7.35	1.49	8.83
Oct	2032	7.029	$ 0.088	$ 7.117	$0.18	7.30	1.49	8.78
Nov	2032	7.193	$ 0.053	$ 7.247	$0.18	7.43	1.49	8.92
Dec	2032	7.210	$ 0.072	$ 7.283	$0.19	7.47	1.49	8.95
Jan	2033	6.845	$ 0.093	$ 6.938	$0.18	7.11	1.48	8.59
Feb	2033	6.892	$ 0.091	$ 6.983	$0.18	7.16	1.48	8.64
Mar	2033	6.825	$ 0.022	$ 6.846	$0.17	7.02	1.48	8.50
Apr	2033	6.823	$ 0.016	$ 6.839	$0.17	7.01	1.48	8.49
May	2033	6.867	$ 0.032	$ 6.899	$0.18	7.07	1.48	8.55
Jun	2033	6.915	$ 0.080	$ 6.995	$0.18	7.17	1.48	8.65
Jul	2033	7.127	$ 0.119	$ 7.246	$0.18	7.43	1.48	8.91
Aug	2033	7.189	$ 0.127	$ 7.316	$0.19	7.50	1.48	8.98
Sep	2033	7.095	$ 0.068	$ 7.163	$0.18	7.35	1.48	8.83
Oct	2033	7.029	$ 0.053	$ 7.082	$0.18	7.26	1.48	8.74
Nov	2033	7.236	$ 0.033	$ 7.268	$0.18	7.45	1.48	8.93
Dec	2033	7.489	$ 0.047	$ 7.537	$0.19	7.73	1.48	9.21
Jan	2034	7.689	$ 0.080	$ 7.769	$0.20	7.97	1.45	9.42
Feb	2034	7.467	$ 0.056	$ 7.522	$0.19	7.71	1.45	9.17
Mar	2034	7.243	$ (0.008)	$ 7.244	$0.18	7.43	1.45	8.88
Apr	2034	7.165	$ 0.009	$ 7.174	$0.18	7.36	1.45	8.81
May	2034	7.211	$ 0.039	$ 7.250	$0.18	7.43	1.45	8.89
Jun	2034	7.299	$ 0.084	$ 7.343	$0.19	7.53	1.45	8.98
Jul	2034	7.607	$ 0.125	$ 7.732	$0.20	7.93	1.45	9.38
Aug	2034	7.666	$ 0.144	$ 7.809	$0.20	8.01	1.45	9.46
Sep	2034	7.520	$ 0.074	$ 7.595	$0.19	7.79	1.45	9.24
Oct	2034	7.335	$ 0.049	$ 7.384	$0.19	7.57	1.45	9.02
Nov	2034	7.652	$ 0.034	$ 7.686	$0.20	7.88	1.45	9.33
Dec	2034	7.921	$ 0.055	$ 7.977	$0.20	8.18	1.45	9.63
Jan	2035	8.040	$ 0.086	$ 8.126	$0.21	8.33	1.43	9.77
Feb	2035	8.081	$ 0.065	$ 8.146	$0.21	8.35	1.43	9.79
Mar	2035	7.835	$ 0.018	$ 7.853	$0.20	8.05	1.43	9.49
Apr	2035	7.481	$ 0.023	$ 7.505	$0.19	7.70	1.43	9.13
May	2035	7.528	$ 0.046	$ 7.574	$0.19	7.77	1.43	9.20
Jun	2035	7.576	$ 0.091	$ 7.667	$0.19	7.86	1.43	9.30
Jul	2035	7.968	$ 0.130	$ 8.098	$0.21	8.30	1.43	9.74
Aug	2035	8.018	$ 0.147	$ 8.165	$0.21	8.37	1.43	9.81
Sep	2035	7.884	$ 0.075	$ 7.959	$0.20	8.16	1.43	9.60
Oct	2035	7.687	$ 0.048	$ 7.730	$0.20	7.93	1.43	9.36
Nov	2035	7.748	$ 0.033	$ 7.781	$0.20	7.98	1.43	9.41
Dec	2035	7.963	$ 0.058	$ 8.021	$0.20	8.22	1.43	9.66
Jan	2036	8.009	$ 0.093	$ 8.102	$0.21	8.31	1.44	9.74
Feb	2036	8.043	$ 0.034	$ 8.078	$0.21	8.28	1.44	9.72
Mar	2036	7.909	$ 0.020	$ 7.929	$0.20	8.13	1.44	9.57
Apr	2036	7.609	$ 0.023	$ 7.622	$0.19	7.82	1.44	9.25
May	2036	7.646	$ 0.049	$ 7.696	$0.20	7.89	1.44	9.33
Jun	2036	7.702	$ 0.096	$ 7.799	$0.20	8.00	1.44	9.43
Jul	2036	7.970	$ 0.135	$ 8.065	$0.21	8.27	1.44	9.71
Aug	2036	7.987	$ 0.150	$ 8.137	$0.21	8.34	1.44	9.78
Sep	2036	7.948	$ 0.089	$ 8.037	$0.20	8.24	1.44	9.68
Oct	2036	7.896	$ 0.076	$ 7.971	$0.20	8.17	1.44	9.61
Nov	2036	8.002	$ 0.051	$ 8.053	$0.20	8.26	1.44	9.69
Dec	2036	8.368	$ 0.064	$ 8.432	$0.21	8.65	1.44	10.08
Jan	2037	8.526	$ 0.105	$ 8.631	$0.22	8.85	1.43	10.28
Feb	2037	8.579	$ 0.081	$ 8.661	$0.22	8.88	1.43	10.31
Mar	2037	8.453	$ 0.024	$ 8.477	$0.22	8.69	1.43	10.13
Apr	2037	8.209	$ 0.021	$ 8.229	$0.21	8.44	1.43	9.87
May	2037	8.259	$ 0.055	$ 8.314	$0.21	8.53	1.43	9.96
Jun	2037	8.342	$ 0.111	$ 8.452	$0.21	8.67	1.43	10.10
Jul	2037	8.699	$ 0.147	$ 8.846	$0.22	9.07	1.43	10.50
Aug	2037	8.757	$ 0.147	$ 8.904	$0.23	9.13	1.43	10.56
Sep	2037	8.636	$ 0.096	$ 8.732	$0.22	8.95	1.43	10.39
Oct	2037	8.542	$ 0.074	$ 8.616	$0.22	8.84	1.43	10.27
Nov	2037	8.650	$ 0.052	$ 8.702	$0.22	8.92	1.43	10.36
Dec	2037	9.011	$ 0.078	$ 9.089	$0.23	9.32	1.43	10.75
Jan	2038	9.175	$ 0.111	$ 9.286	$0.24	9.52	1.42	10.94
Feb	2038	9.291	$ 0.088	$ 9.379	$0.24	9.56	1.42	10.98
Mar	2038	9.090	$ 0.026	$ 9.115	$0.23	9.35	1.42	10.77
Apr	2038	8.779	$ 0.044	$ 8.823	$0.22	9.05	1.42	10.47
May	2038	8.853	$ 0.060	$ 8.893	$0.23	9.12	1.42	10.54
Jun	2038	8.897	$ 0.118	$ 9.015	$0.23	9.24	1.42	10.66
Jul	2038	9.149	$ 0.152	$ 9.301	$0.24	9.54	1.42	10.96
Aug	2038	9.214	$ 0.145	$ 9.359	$0.24	9.60	1.42	11.02
Sep	2038	9.007	$ 0.104	$ 9.111	$0.23	9.34	1.42	10.76
Oct	2038	8.916	$ 0.064	$ 8.980	$0.23	9.21	1.42	10.63
Nov	2038	9.064	$ 0.073	$ 9.137	$0.23	9.37	1.42	10.79
Dec	2038	9.388	$ 0.100	$ 9.488	$0.24	9.73	1.42	11.15
Jan	2039	9.405	$ 0.119	$ 9.524	$0.24	9.77		9.77
Feb	2039	9.483	$ 0.101	$ 9.584	$0.24	9.81		9.81
Mar	2039	9.237	$ 0.032	$ 9.269	$0.24	9.50		9.50
Apr	2039	8.644	$ 0.041	$ 8.685	$0.22	8.91		8.91
May	2039	8.694	$ 0.052	$ 8.746	$0.22	8.97		8.97
Jun	2039	8.750	$ 0.115	$ 8.865	$0.23	9.09		9.09
Jul	2039	8.838	$ 0.129	$ 8.967	$0.23	9.20		9.20
Aug	2039	9.603	$ 0.145	$ 9.749	$0.25	10.00		10.00
Sep	2039	9.561	$ 0.088	$ 9.649	$0.25	9.89		9.89
Oct	2039	9.296	$ 0.081	$ 9.287	$0.24	9.52		9.52
Nov	2039	9.310	$ 0.063	$ 9.373	$0.24	9.61		9.61
Dec	2039	9.596	$ 0.087	$ 9.683	$0.25	9.93		9.93
Jan	2040	9.823	$ 0.098	$ 9.920	$0.25	10.17		10.17
Feb	2040	9.874	$ 0.061	$ 9.935	$0.25	10.19		10.19
Mar	2040	9.714	$ 0.033	$ 9.747	$0.25	9.99		9.99
Apr	2040	9.392	$ 0.013	$ 9.405	$0.24	9.64		9.64
May	2040	9.446	$ 0.058	$ 9.504	$0.24	9.75		9.75
Jun	2040	9.526	$ 0.108	$ 9.634	$0.24	9.88		9.88
Jul	2040	9.875	$ 0.144	$ 10.020	$0.25	10.27		10.27
Aug	2040	9.935	$ 0.155	$ 10.090	$0.26	10.35		10.35
Sep	2040	9.914	$ 0.098	$ 10.014	$0.25	10.27		10.27
Oct	2040	9.694	$ 0.086	$ 9.780	$0.25	10.03		10.03
Nov	2040	9.797	$ 0.069	$ 9.866	$0.25	10.12		10.12
Dec	2040	10.134	$ 0.111	$ 10.243	$0.26	10.50		10.50
Jan	2041	10.303	$ 0.113	$ 10.415	$0.26	10.68		10.68
Feb	2041	10.342	$ 0.083	$ 10.425	$0.27	10.69		10.69
Mar	2041	10.122	$ 0.037	$ 10.159	$0.26	10.42		10.42
Apr	2041	9.753	$ 0.048	$ 9.801	$0.25	10.05		10.05
May	2041	9.813	$ 0.061	$ 9.874	$0.25	10.13		10.13
Jun	2041	9.918	$ 0.124	$ 10.041	$0.26	10.30		10.30
Jul	2041	10.353	$ 0.166	$ 10.519	$0.27	10.79		10.79
Aug	2041	10.415	$ 0.158	$ 10.572	$0.27	10.84		10.84
Sep	2041	10.418	$ 0.116	$ 10.534	$0.27	10.80		10.80
Oct	2041	10.075	$ 0.061	$ 10.137	$0.26	10.39		10.39
Nov	2041	10.281	$ 0.077	$ 10.338	$0.26	10.60		10.60
Dec	2041	10.551	$ 0.127	$ 10.678	$0.27	10.95		10.95
Jan	2042	10.687	$ 0.120	$ 10.807	$0.27	11.08		11.08
Feb	2042	10.731	$ 0.089	$ 10.820	$0.28	11.10		11.10
Mar	2042	10.504	$ 0.033	$ 10.537	$0.27	10.80		10.80
Apr	2042	10.210	$ 0.045	$ 10.255	$0.26	10.52		10.52
May	2042	10.273	$ 0.063	$ 10.336	$0.26	10.60		10.60
Jun	2042	10.373	$ 0.134	$ 10.507	$0.27

CONFIDENTIAL

HENRY HUB DATA

year	Date	Henry Hub	NYMEX	Blend NYMEX/ Fundamental (%)	Blend NYMEX/ Fundamental ($)
2019	1/1/2019	$3.07	$3.11	100%	3.11
2019	2/1/2019	$2.68	$2.69	100%	2.69
2019	3/1/2019	$2.90	$2.95	100%	2.95
2019	4/1/2019	$2.59	$2.65	100%	2.65
2019	5/1/2019	$2.59	$2.64	100%	2.64
2019	6/1/2019	$2.57	$2.40	100%	2.40
2019	7/1/2019	$2.64	$2.37	100%	2.37
2019	8/1/2019	$2.06	$2.22	100%	2.22
2019	9/1/2019	$2.11	$2.56	100%	2.56
2019	10/1/2019	$2.04	$2.74	100%	2.74
2019	11/1/2019	$2.05	$2.30	100%	2.30
2019	12/1/2019	$2.15	$2.50	100%	2.50
2020	1/1/2020	$2.15	$2.61	100%	2.61
2020	2/1/2020	$2.20	$2.58	100%	2.58
2020	3/1/2020	$2.10	$2.46	100%	2.46
2020	4/1/2020	$1.93	$2.25	100%	2.25
2020	5/1/2020	$1.72	$2.23	100%	2.23
2020	6/1/2020	$1.67	$2.28	100%	2.28
2020	7/1/2020	$1.84	$2.33	100%	2.33
2020	8/1/2020	$2.04	$2.34	100%	2.34
2020	9/1/2020	$2.20	$2.32	100%	2.32
2020	10/1/2020	$2.22	$2.34	100%	2.34
2020	11/1/2020	$2.21	$2.41	100%	2.41
2020	12/1/2020	$2.28	$2.58	100%	2.58
2021	1/1/2021	$2.46	$2.70	97%	2.69
2021	2/1/2021	$2.52	$2.66	95%	2.65
2021	3/1/2021	$2.43	$2.55	92%	2.54
2021	4/1/2021	$2.37	$2.28	89%	2.29
2021	5/1/2021	$2.40	$2.26	88%	2.28
2021	6/1/2021	$2.46	$2.29	84%	2.32
2021	7/1/2021	$2.48	$2.33	81%	2.36
2021	8/1/2021	$2.53	$2.34	78%	2.38
2021	9/1/2021	$2.56	$2.33	76%	2.38
2021	10/1/2021	$2.55	$2.35	73%	2.41
2021	11/1/2021	$2.62	$2.42	70%	2.48
2021	12/1/2021	$2.74	$2.60	68%	2.65
2022	1/1/2022	$2.80	$2.73	65%	2.75
2022	2/1/2022	$2.82	$2.70	62%	2.75
2022	3/1/2022	$2.83	$2.60	59%	2.69
2022	4/1/2022	$2.85	$2.34	57%	2.56
2022	5/1/2022	$2.87	$2.32	54%	2.57
2022	6/1/2022	$2.90	$2.36	51%	2.62
2022	7/1/2022	$2.97	$2.40	49%	2.69
2022	8/1/2022	$3.00	$2.41	46%	2.73
2022	9/1/2022	$3.00	$2.40	43%	2.74
2022	10/1/2022	$2.99	$2.43	41%	2.76
2022	11/1/2022	$3.08	$2.49	38%	2.86
2022	12/1/2022	$3.18	$2.67	35%	3.00
2023	1/1/2023	$3.22	$2.80	32%	3.09
2023	2/1/2023	$3.25	$2.77	30%	3.11
2023	3/1/2023	$3.19	$2.66	27%	3.04
2023	4/1/2023	$3.15	$2.40	24%	2.96
2023	5/1/2023	$3.16	$2.39	22%	3.00
2023	6/1/2023	$3.20	$2.43	19%	3.05
2023	7/1/2023	$3.31	$2.47	16%	3.17
2023	8/1/2023	$3.32	$2.48	14%	3.22
2023	9/1/2023	$3.30	$2.48	11%	3.21
2023	10/1/2023	$3.26	$2.51	8%	3.22
2023	11/1/2023	$3.47	$2.58	5%	3.42
2023	12/1/2023	$3.53	$2.76	3%	3.51
2024	1/1/2024	$3.61	$2.89	0%	3.61
2024	2/1/2024	$3.63	$2.86	0%	3.63
2024	3/1/2024	$3.62	$2.74	0%	3.62
2024	4/1/2024	$3.59	$2.50	0%	3.59
2024	5/1/2024	$3.61	$2.48	0%	3.61
2024	6/1/2024	$3.68	$2.51	0%	3.68
2024	7/1/2024	$3.81	$2.54	0%	3.81
2024	8/1/2024	$3.84	$2.54	0%	3.84
2024	9/1/2024	$3.80	$2.54	0%	3.80
2024	10/1/2024	$3.77	$2.56	0%	3.77
2024	11/1/2024	$3.93	$2.62	0%	3.93
2024	12/1/2024	$4.08	$2.89	0%	4.08
2025	1/1/2025	$4.14	$2.93	0%	4.14
2025	2/1/2025	$4.16	$2.90	0%	4.16
2025	3/1/2025	$4.08	$2.80	0%	4.08
2025	4/1/2025	$4.01	$2.57	0%	4.02
2025	5/1/2025	$4.05	$2.56	0%	4.05
2025	6/1/2025	$4.08	$2.59	0%	4.08
2025	7/1/2025	$4.29	$2.62	0%	4.29
2025	8/1/2025	$4.33	$2.63	0%	4.33
2025	9/1/2025	$3.95	$2.62	0%	3.95
2025	10/1/2025	$3.93	$2.65	0%	3.93
2025	11/1/2025	$4.04	$2.71	0%	4.04
2025	12/1/2025	$4.23	$2.87	0%	4.23
2026	1/1/2026	$4.49	$2.99	0%	4.49
2026	2/1/2026	$4.51	$2.96	0%	4.51
2026	3/1/2026	$4.40	$2.86	0%	4.40
2026	4/1/2026	$4.33	$2.64	0%	4.33
2026	5/1/2026	$4.36	$2.63	0%	4.36
2026	6/1/2026	$4.42	$2.66	0%	4.42
2026	7/1/2026	$4.73	$2.70	0%	4.73
2026	8/1/2026	$4.77	$2.71	0%	4.77
2026	9/1/2026	$4.58	$2.71	0%	4.58
2026	10/1/2026	$4.51	$2.73	0%	4.51
2026	11/1/2026	$4.58	$2.79	0%	4.58
2026	12/1/2026	$4.79	$2.97	0%	4.79
2027	1/1/2027	$4.93	$3.09	0%	4.93
2027	2/1/2027	$4.96	$3.07	0%	4.96
2027	3/1/2027	$4.89	$2.99	0%	4.89
2027	4/1/2027	$4.71	$2.76	0%	4.71
2027	5/1/2027	$4.74	$2.75	0%	4.74
2027	6/1/2027	$4.83	$2.78	0%	4.83
2027	7/1/2027	$5.19	$2.81	0%	5.19
2027	8/1/2027	$5.23	$2.83	0%	5.23
2027	9/1/2027	$5.18	$2.83	0%	5.18
2027	10/1/2027	$4.94	$2.86	0%	4.94
2027	11/1/2027	$5.01	$2.92	0%	5.01
2027	12/1/2027	$5.26	$3.08	0%	5.26
2028	1/1/2028	$5.44	$3.20	0%	5.44
2028	2/1/2028	$5.48	$3.16	0%	5.48
2028	3/1/2028	$5.35	$3.10	0%	5.35
2028	4/1/2028	$5.31	$2.84	0%	5.31
2028	5/1/2028	$5.34	$2.82	0%	5.34
2028	6/1/2028	$5.59	$2.85	0%	5.59
2028	7/1/2028	$5.58	$2.89	0%	5.58
2028	8/1/2028	$5.62	$2.93	0%	5.62
2028	9/1/2028	$5.67	$2.94	0%	5.67
2028	10/1/2028	$5.62	$2.98	0%	5.62
2028	11/1/2028	$5.68	$3.05	0%	5.68
2028	12/1/2028	$6.00	$3.20	0%	6.00
2029	1/1/2029	$6.14	$3.33	0%	6.14
2029	2/1/2029	$6.18	$3.29	0%	6.18
2029	3/1/2029	$5.89	$3.23	0%	5.89
2029	4/1/2029	$5.91	$2.93	0%	5.91
2029	5/1/2029	$6.00	$2.91	0%	6.00
2029	6/1/2029	$6.16	$2.94	0%	6.16
2029	7/1/2029	$5.80	$2.98	0%	5.80
2029	8/1/2029	$5.84	$3.02	0%	5.84
2029	9/1/2029	$6.00	$3.04	0%	6.00
2029	10/1/2029	$5.99	$3.08	0%	5.99
2029	11/1/2029	$5.86	$3.16	0%	5.86
2029	12/1/2029	$6.13	$3.31	0%	6.13
2030	1/1/2030	$6.18	$3.44	0%	6.18
2030	2/1/2030	$6.22	$3.41	0%	6.22
2030	3/1/2030	$6.07	$3.34	0%	6.07
2030	4/1/2030	$6.03	$3.04	0%	6.03
2030	5/1/2030	$6.06	$3.01	0%	6.06
2030	6/1/2030	$6.16	$3.05	0%	6.16
2030	7/1/2030	$6.60	$3.09	0%	6.60
2030	8/1/2030	$6.65	$3.13	0%	6.65
2030	9/1/2030	$6.55	$3.14	0%	6.55
2030	10/1/2030	$6.25	$3.19	0%	6.25
2030	11/1/2030	$6.14	$3.26	0%	6.14
2030	12/1/2030	$6.44	$3.42	0%	6.44
2031	1/1/2031	$6.57	$3.55	0%	6.57
2031	2/1/2031	$6.62	$3.51	0%	6.62
2031	3/1/2031	$6.48	$3.45	0%	6.48
2031	4/1/2031	$6.43	$3.15	0%	6.43
2031	5/1/2031	$6.47	$3.12	0%	6.47
2031	6/1/2031	$6.56	$3.16	0%	6.56
2031	7/1/2031	$7.00	$3.20	0%	7.00
2031	8/1/2031	$7.07	$3.24	0%	7.07
2031	9/1/2031	$6.94	$3.25	0%	6.94
2031	10/1/2031	$6.72	$3.30	0%	6.72
2031	11/1/2031	$6.82	$3.37	0%	6.82
2031	12/1/2031	$7.05	$3.53	0%	7.05
2032	1/1/2032	$7.05	$3.68	0%	7.05
2032	2/1/2032	$7.09	$3.62	0%	7.09
2032	3/1/2032	$7.06	$3.56	0%	7.06
2032	4/1/2032	$6.84	$3.25	0%	6.84
2032	5/1/2032	$6.88	$3.22	0%	6.88
2032	6/1/2032	$6.92	$3.26	0%	6.92
2032	7/1/2032	$7.12	$3.30	0%	7.12
2032	8/1/2032	$7.18	$3.34	0%	7.18
2032	9/1/2032	$7.07	$3.36	0%	7.07
2032	10/1/2032	$7.03	$3.40	0%	7.03
2032	11/1/2032	$7.19	$3.48	0%	7.19
2032	12/1/2032	$7.21	$3.64	0%	7.21
2033	1/1/2033	$6.85	$3.82	0%	6.85
2033	2/1/2033	$6.89	$3.78	0%	6.89
2033	3/1/2033	$6.82	$3.71	0%	6.82
2033	4/1/2033	$6.82	$3.39	0%	6.82
2033	5/1/2033	$6.97	$3.36	0%	6.97
2033	6/1/2033	$6.91	$3.40	0%	6.91
2033	7/1/2033	$7.13	$3.44	0%	7.13
2033	8/1/2033	$7.19	$3.49	0%	7.19
2033	9/1/2033	$7.10	$3.50	0%	7.10
2033	10/1/2033	$7.03	$3.55	0%	7.03
2033	11/1/2033	$7.24	$3.63	0%	7.24
2033	12/1/2033	$7.49	$3.80	0%	7.49
2034	1/1/2034	$7.69	$4.06	0%	7.69
2034	2/1/2034	$7.47	$4.02	0%	7.47
2034	3/1/2034	$7.25	$3.94	0%	7.25
2034	4/1/2034	$7.17	$3.60	0%	7.17
2034	5/1/2034	$7.21	$3.57	0%	7.21
2034	6/1/2034	$7.26	$3.61	0%	7.26
2034	7/1/2034	$7.61	$3.66	0%	7.61
2034	8/1/2034	$7.67	$3.71	0%	7.67
2034	9/1/2034	$7.52	$3.72	0%	7.52
2034	10/1/2034	$7.34	$3.78	0%	7.34
2034	11/1/2034	$7.65	$3.86	0%	7.65
2034	12/1/2034	$7.92	$4.03	0%	7.92
2035	1/1/2035	$8.04	$4.35	0%	8.04
2035	2/1/2035	$8.08	$4.31	0%	8.08
2035	3/1/2035	$7.84	$4.23	0%	7.84
2035	4/1/2035	$7.48	$3.86	0%	7.48
2035	5/1/2035	$7.53	$3.83	0%	7.53
2035	6/1/2035	$7.58	$3.87	0%	7.58
2035	7/1/2035	$7.97	$3.92	0%	7.97
2035	8/1/2035	$8.02	$3.97	0%	8.02
2035	9/1/2035	$7.88	$3.99	0%	7.88
2035	10/1/2035	$7.68	$4.05	0%	7.68
2035	11/1/2035	$7.75	$4.13	0%	7.75
2035	12/1/2035	$7.96	$4.33	0%	7.96
2036	1/1/2036	$8.01	$4.70	0%	8.01
2036	2/1/2036	$8.04	$4.66	0%	8.04
2036	3/1/2036	$7.91	$4.57	0%	7.91
2036	4/1/2036	$7.60	$4.17	0%	7.60
2036	5/1/2036	$7.65	$4.14	0%	7.65
2036	6/1/2036	$7.70	$4.19	0%	7.70
2036	7/1/2036	$7.93	$4.24	0%	7.93
2036	8/1/2036	$7.99	$4.29	0%	7.99
2036	9/1/2036	$7.95	$4.31	0%	7.95
2036	10/1/2036	$7.90	$4.37	0%	7.90
2036	11/1/2036	$8.00	$4.47	0%	8.00
2036	12/1/2036	$8.37	$4.67	0%	8.37
2037	1/1/2037	$8.53	$5.06	0%	8.53
2037	2/1/2037	$8.58	$5.01	0%	8.58
2037	3/1/2037	$8.45	$4.91	0%	8.45
2037	4/1/2037	$8.21	$4.48	0%	8.21
2037	5/1/2037	$8.26	$4.45	0%	8.26
2037	6/1/2037	$8.34	$4.50	0%	8.34
2037	7/1/2037	$8.70	$4.56	0%	8.70
2037	8/1/2037	$8.76	$4.61	0%	8.76
2037	9/1/2037	$8.64	$4.64	0%	8.64
2037	10/1/2037	$8.54	$4.70	0%	8.54
2037	11/1/2037	$8.65	$4.80	0%	8.65
2037	12/1/2037	$9.01	$5.03	0%	9.01
2038	1/1/2038	$9.17	$5.40	0%	9.17
2038	2/1/2038	$9.23	$5.34	0%	9.23
2038	3/1/2038	$9.09	$5.24	0%	9.09
2038	4/1/2038	$8.78	$4.78	0%	8.78
2038	5/1/2038	$8.83	$4.75	0%	8.83
2038	6/1/2038	$8.90	$4.80	0%	8.90
2038	7/1/2038	$9.15	$4.86	0%	9.15
2038	8/1/2038	$9.21	$4.93	0%	9.21
2038	9/1/2038	$9.01	$4.95	0%	9.01
2038	10/1/2038	$8.92	$5.02	0%	8.92
2038	11/1/2038	$9.06	$5.13	0%	9.06
2038	12/1/2038	$9.39	$5.36	0%	9.39
2039	1/1/2039	$9.41	$5.76	0%	9.41
2039	2/1/2039	$9.46	$5.70	0%	9.46
2039	3/1/2039	$9.24	$5.60	0%	9.24
2039	4/1/2039	$8.64	$5.11	0%	8.64
2039	5/1/2039	$8.69	$5.07	0%	8.69
2039	6/1/2039	$8.75	$5.13	0%	8.75
2039	7/1/2039	$8.84	$5.19	0%	8.84
2039	8/1/2039	$9.60	$5.28	0%	9.60
2039	9/1/2039	$9.56	$5.28	0%	9.56
2039	10/1/2039	$9.21	$5.36	0%	9.21
2039	11/1/2039	$9.31	$5.47	0%	9.31
2039	12/1/2039	$9.60	$5.72	0%	9.60
2040	1/1/2040	$9.82	$6.14	0%	9.82
2040	2/1/2040	$9.87	$6.08	0%	9.87
2040	3/1/2040	$9.71	$5.97	0%	9.71
2040	4/1/2040	$9.39	$5.45	0%	9.39
2040	5/1/2040	$9.45	$5.41	0%	9.45
2040	6/1/2040	$9.53	$5.47	0%	9.53
2040	7/1/2040	$9.88	$5.54	0%	9.88
2040	8/1/2040	$9.94	$5.61	0%	9.94
2040	9/1/2040	$9.92	$5.64	0%	9.92
2040	10/1/2040	$9.69	$5.72	0%	9.69
2040	11/1/2040	$9.80	$5.84	0%	9.80
2040	12/1/2040	$10.13	$6.11	0%	10.13
2041	1/1/2041	$10.30	$6.58	0%	10.30
2041	2/1/2041	$10.34	$6.49	0%	10.34
2041	3/1/2041	$10.12	$6.37	0%	10.12
2041	4/1/2041	$9.75	$5.81	0%	9.75
2041	5/1/2041	$9.81	$5.77	0%	9.81
2041	6/1/2041	$9.92	$5.84	0%	9.92
2041	7/1/2041	$10.35	$5.91	0%	10.35
2041	8/1/2041	$10.41	$5.99	0%	10.41
2041	9/1/2041	$10.42	$6.01	0%	10.42
2041	10/1/2041	$10.08	$6.10	0%	10.08
2041	11/1/2041	$10.26	$6.23	0%	10.26
2041	12/1/2041	$10.55	$6.52	0%	10.55
2042	1/1/2042	$10.69	$7.00	0%	10.69
2042	2/1/2042	$10.73	$6.93	0%	10.73
2042	3/1/2042	$10.50	$6.80	0%	10.50
2042	4/1/2042	$10.21	$6.21	0%	10.21
2042	5/1/2042	$10.27	$6.16	0%	10.27
2042	6/1/2042	$10.37	$6.23	0%	10.37
2042	7/1/2042	$10.90	$6.31	0%	10.90
2042	8/1/2042	$10.97	$6.39	0%	10.97
2042	9/1/2042	$10.93	$6.42	0%	10.93
2042	10/1/2042	$10.56	$6.51	0%	10.56
2042	11/1/2042	$10.62	$6.65	0%	10.62
2042	12/1/2042	$10.95	$6.96	0%	10.95
2043	1/1/2043	$11.16	$7.47	0%	11.16
2043	2/1/2043	$11.19	$7.40	0%	11.19
2043	3/1/2043	$10.97	$7.26	0%	10.97
2043	4/1/2043	$10.59	$6.62	0%	10.59
2043	5/1/2043	$10.66	$6.58	0%	10.66
2043	6/1/2043	$10.74	$6.65	0%	10.74
2043	7/1/2043	$11.26	$6.73	0%	11.26
2043	8/1/2043	$11.33	$6.82	0%	11.33
2043	9/1/2043	$11.37	$6.85	0%	11.37
2043	10/1/2043	$10.94	$6.95	0%	10.94
2043	11/1/2043	$11.04	$7.10	0%	11.04
2043	12/1/2043	$11.39	$7.42	0%	11.39
2044	1/1/2044	$11.21	$7.97	0%	11.21
2044	2/1/2044	$11.26	$7.89	0%	11.26
2044	3/1/2044	$11.02	$7.75	0%	11.02
2044	4/1/2044	$10.82	$7.07	0%	10.82
2044	5/1/2044	$10.89	$7.02	0%	10.89
2044	6/1/2044	$10.95	$7.10	0%	10.95
2044	7/1/2044	$11.45	$7.19	0%	11.45
2044	8/1/2044	$11.53	$7.28	0%	11.53
2044	9/1/2044	$11.50	$7.31	0%	11.50
2044	10/1/2044	$11.21	$7.41	0%	11.21
2044	11/1/2044	$11.39	$7.58	0%	11.39
2044	12/1/2044	$11.74	$7.92	0%	11.74
2045	1/1/2045	$11.80	$8.51	0%	11.80
2045	2/1/2045	$11.87	$8.42	0%	11.87
2045	3/1/2045	$11.68	$8.27	0%	11.68
2045	4/1/2045	$11.41	$7.54	0%	11.41
2045	5/1/2045	$11.47	$7.49	0%	11.47
2045	6/1/2045	$11.54	$7.57	0%	11.54
2045	7/1/2045	$12.08	$7.67	0%	12.08
2045	8/1/2045	$12.15	$7.77	0%	12.15
2045	9/1/2045	$12.17	$7.80	0%	12.17
2045	10/1/2045	$11.81	$7.91	0%	11.81
2045	11/1/2045	$12.00	$8.08	0%	12.00
2045	12/1/2045	$12.36	$8.46	0%	12.36
2046	1/1/2046	$12.61	$9.08	0%	12.61
2046	2/1/2046	$12.65	$8.99	0%	12.65
2046	3/1/2046	$12.35	$8.82	0%	12.35
2046	4/1/2046	$12.01	$8.05	0%	12.01
2046	5/1/2046	$12.06	$7.99	0%	12.06
2046	6/1/2046	$12.13	$8.08	0%	12.13
2046	7/1/2046	$12.75	$8.19	0%	12.75
2046	8/1/2046	$12.83	$8.29	0%	12.83
2046	9/1/2046	$12.79	$8.33	0%	12.79
2046	10/1/2046	$12.38	$8.44	0%	12.38
2046	11/1/2046	$12.50	$8.63	0%	12.50
2046	12/1/2046	$12.83	$9.03	0%	12.83
2047	1/1/2047	$13.17	$9.69	0%	13.17
2047	2/1/2047	$13.19	$9.59	0%	13.19
2047	3/1/2047	$12.72	$9.42	0%	12.72
2047	4/1/2047	$12.42	$8.59	0%	12.42
2047	5/1/2047	$12.47	$8.19	0%	12.47
2047	6/1/2047	$12.55	$8.25	0%	12.55
2047	7/1/2047	$13.16	$8.39	0%	13.16
2047	8/1/2047	$13.24	$8.50	0%	13.24
2047	9/1/2047	$13.24	$8.53	0%	13.24
2047	10/1/2047	$13.00	$8.66	0%	13.00
2047	11/1/2047	$13.12	$8.84	0%	13.12
2047	12/1/2047	$13.17	$9.25	0%	13.17
2048	1/1/2048	$13.31	$9.93	0%	13.31
2048	2/1/2048	$13.37	$9.83	0%	13.37
2048	3/1/2048	$13.07	$9.65	0%	13.07
2048	4/1/2048	$12.88	$8.81	0%	12.88
2048	5/1/2048	$12.96	$8.40	0%	12.96
2048	6/1/2048	$13.09	$8.49	0%	13.09
2048	7/1/2048	$13.88	$8.60	0%	13.88
2048	8/1/2048	$13.98	$8.71	0%	13.98
2048	9/1/2048	$14.01	$8.75	0%	14.01
2048	10/1/2048	$13.44	$8.97	0%	13.44
2048	11/1/2048	$13.65	$9.07	0%	13.65
2048	12/1/2048	$14.04	$9.48	0%	14.04
2049	1/1/2049	$14.14	$10.18	0%	14.14
2049	2/1/2049	$14.16	$10.08	0%	14.16
2049	3/1/2049	$14.06	$9.89	0%	14.06
2049	4/1/2049	$13.91	$9.03	0%	13.91
2049	5/1/2049	$13.38	$8.61	0%	13.38
2049	6/1/2049	$13.45	$8.70	0%	13.45
2049	7/1/2049	$13.77	$8.82	0%	13.77
2049	8/1/2049	$13.85	$8.93	0%	13.85
2049	9/1/2049	$13.60	$8.97	0%	13.60
2049	10/1/2049	$13.36	$9.09	0%	13.36
2049	11/1/2049	$13.87	$9.29	0%	13.87
2049	12/1/2049	$14.44	$9.72	0%	14.44
2050	1/1/2050	$14.71	$10.43	0%	14.71
2050	2/1/2050	$14.75	$10.33	0%	14.75
2050	3/1/2050	$14.30	$10.14	0%	14.30
2050	4/1/2050	$13.59	$9.25	0%	13.59
2050	5/1/2050	$13.66	$8.82	0%	13.66
2050	6/1/2050	$13.73	$8.92	0%	13.73
2050	7/1/2050	$14.16	$9.04	0%	14.16
2050	8/1/2050	$14.25	$9.15	0%	14.25
2050	9/1/2050	$14.21	$9.19	0%	14.21
2050	10/1/2050	$13.75	$9.32	0%	13.75
2050	11/1/2050	$14.12	$9.52	0%	14.12
2050	12/1/2050	$14.60	$9.96	0%	14.60

High Commodity Fundamentals

Historical Henry Hub
NYMEX - Close 4/15/19
NYMEX - Close 10/16/19
Grow at inflation of same month previous year
Blend Market and Fundamental
Short Market and Blend to High Commodity pricing

20FL-CEC-000119

CONFIDENTIAL

US Gas Prices Nominal $

	Henry Hub	Transco Z4	IGT 23 Gas Prices	Transco Z4	IGT 23 Basis Differentials
Jan-19	3.07	$3.02	3.03	($0.06)	($0.046)
Feb-19	2.65	$2.62	2.63	($0.03)	($0.019)
Mar-19	2.68	$2.55	2.60	($0.05)	($0.003)
Apr-19	2.55	$2.47	2.50	($0.03)	($0.001)
May-19	2.59	$2.59	2.60	($0.00)	$0.005
Jun-19	2.57	$2.57	2.60	$0.00	$0.037
Jul-19	2.64	$2.65	2.69	$0.01	$0.048
Aug-19	2.66	$2.68	2.72	$0.01	$0.056
Sep-19	2.11	$2.11	2.13	$0.00	$0.016
Oct-19	2.04	$2.01	2.04	($0.03)	$0.010
Nov-19	2.09	$2.07	2.10	($0.02)	$0.012
Dec-19	2.15	$2.15	2.18	($0.01)	$0.023
Jan-20	2.06	$2.05	2.09	($0.01)	$0.035
Feb-20	2.05	$2.04	2.09	($0.02)	$0.024
Mar-20	1.97	$1.95	1.96	($0.02)	($0.020)
Apr-20	1.81	$1.76	1.79	($0.05)	($0.019)
May-20	1.61	$1.56	1.62	($0.05)	$0.005
Jun-20	1.57	$1.53	1.60	($0.04)	$0.026
Jul-20	1.72	$1.70	1.77	($0.03)	$0.048
Aug-20	1.91	$1.91	1.97	($0.01)	$0.055
Sep-20	2.06	$2.02	2.08	($0.04)	$0.012
Oct-20	2.09	$2.02	2.10	($0.06)	$0.016
Nov-20	2.08	$2.05	2.10	($0.03)	$0.025
Dec-20	2.14	$2.12	2.17	($0.02)	$0.024
Jan-21	2.26	$2.19	2.24	($0.01)	$0.038
Feb-21	2.24	$2.22	2.28	($0.03)	$0.033
Mar-21	2.16	$2.14	2.14	($0.03)	($0.015)
Apr-21	2.11	$2.03	2.08	($0.07)	($0.021)
May-21	2.15	$2.08	2.15	($0.07)	$0.005
Jun-21	2.18	$2.13	2.21	($0.05)	$0.025
Jul-21	2.23	$2.17	2.25	($0.04)	$0.047
Aug-21	2.24	$2.22	2.30	($0.02)	$0.058
Sep-21	2.27	$2.22	2.29	($0.05)	$0.011
Oct-21	2.27	$2.21	2.29	($0.06)	$0.018
Nov-21	2.33	$2.30	2.36	($0.04)	$0.027
Dec-21	2.44	$2.42	2.48	($0.02)	$0.038
Jan-22	2.46	$2.44	2.50	($0.02)	$0.041
Feb-22	2.47	$2.44	2.51	($0.03)	$0.036
Mar-22	2.48	$2.45	2.46	($0.03)	($0.013)
Apr-22	2.50	$2.43	2.49	($0.07)	($0.014)
May-22	2.52	$2.45	2.52	($0.07)	$0.007
Jun-22	2.54	$2.50	2.58	($0.04)	$0.034
Jul-22	2.61	$2.58	2.67	($0.02)	$0.059
Aug-22	2.63	$2.62	2.70	($0.02)	$0.066
Sep-22	2.63	$2.58	2.65	($0.05)	$0.021
Oct-22	2.62	$2.56	2.65	($0.06)	$0.024
Nov-22	2.70	$2.67	2.74	($0.03)	$0.034
Dec-22	2.79	$2.78	2.84	($0.01)	$0.044
Jan-23	2.81	$2.79	2.86	($0.02)	$0.052
Feb-23	2.83	$2.79	2.87	($0.03)	$0.047
Mar-23	2.77	$2.74	2.77	($0.03)	($0.003)
Apr-23	2.73	$2.66	2.72	($0.07)	($0.008)
May-23	2.75	$2.68	2.76	($0.06)	$0.016
Jun-23	2.78	$2.73	2.82	($0.05)	$0.042
Jul-23	2.87	$2.83	2.94	($0.04)	$0.068
Aug-23	2.89	$2.87	2.97	($0.03)	$0.076
Sep-23	2.87	$2.82	2.90	($0.05)	$0.029
Oct-23	2.85	$2.79	2.88	($0.06)	$0.030
Nov-23	3.01	$2.97	3.05	($0.05)	$0.037
Dec-23	3.07	$3.05	3.12	($0.02)	$0.053
Jan-24	3.10	$3.07	3.15	($0.03)	$0.058
Feb-24	3.12	$3.07	3.17	($0.04)	$0.050
Mar-24	3.10	$3.06	3.10	($0.05)	($0.002)
Apr-24	3.08	$3.00	3.08	($0.09)	($0.007)
May-24	3.16	$3.02	3.12	($0.08)	$0.017
Jun-24	3.16	$3.10	3.21	($0.06)	$0.046
Jul-24	3.27	$3.22	3.34	($0.04)	$0.077
Aug-24	3.30	$3.27	3.37	($0.03)	$0.077
Sep-24	3.26	$3.20	3.31	($0.06)	$0.047
Oct-24	3.24	$3.18	3.28	($0.06)	$0.040
Nov-24	3.37	$3.33	3.42	($0.05)	$0.044
Dec-24	3.60	$3.46	3.56	($0.14)	$0.056
Jan-25	3.52	$3.49	3.58	($0.03)	$0.061
Feb-25	3.54	$3.50	3.60	($0.04)	$0.055
Mar-25	3.48	$3.43	3.47	($0.05)	($0.001)
Apr-25	3.42	$3.33	3.41	($0.10)	($0.011)
May-25	3.44	$3.35	3.46	($0.09)	$0.016
Jun-25	3.47	$3.41	3.52	($0.06)	$0.054
Jul-25	3.65	$3.61	3.73	($0.04)	$0.078
Aug-25	3.68	$3.66	3.76	($0.03)	$0.078
Sep-25	3.37	$3.31	3.41	($0.06)	$0.045
Oct-25	3.35	$3.27	3.38	($0.08)	$0.035
Nov-25	3.44	$3.38	3.48	($0.07)	$0.036
Dec-25	3.60	$3.55	3.65	($0.05)	$0.051
Jan-26	3.62	$3.58	3.68	($0.05)	$0.057
Feb-26	3.64	$3.59	3.70	($0.05)	$0.053
Mar-26	3.58	$3.50	3.55	($0.08)	($0.003)
Apr-26	3.50	$3.41	3.50	($0.09)	($0.001)
May-26	3.52	$3.43	3.54	($0.09)	$0.022
Jun-26	3.57	$3.51	3.62	($0.06)	$0.053
Jul-26	3.82	$3.78	3.90	($0.04)	$0.077
Aug-26	3.85	$3.81	3.93	($0.04)	$0.078
Sep-26	3.79	$3.64	3.74	($0.06)	$0.041
Oct-26	3.64	$3.55	3.68	($0.09)	$0.034
Nov-26	3.70	$3.64	3.74	($0.06)	$0.042
Dec-26	3.87	$3.82	3.92	($0.05)	$0.054
Jan-27	3.89	$3.85	3.95	($0.04)	$0.062
Feb-27	3.91	$3.86	3.97	($0.05)	$0.057
Mar-27	3.85	$3.79	3.85	($0.06)	($0.002)
Apr-27	3.71	$3.62	3.71	($0.10)	($0.002)
May-27	3.74	$3.64	3.78	($0.10)	$0.021
Jun-27	3.81	$3.75	3.86	($0.06)	$0.051
Jul-27	4.10	$4.05	4.17	($0.04)	$0.079
Aug-27	4.12	$4.09	4.21	($0.03)	$0.082
Sep-27	4.08	$4.01	4.12	($0.07)	$0.043
Oct-27	3.89	$3.80	3.93	($0.09)	$0.038
Nov-27	3.95	$3.89	4.00	($0.06)	$0.043
Dec-27	4.14	$4.10	4.20	($0.04)	$0.054
Jan-28	4.17	$4.14	4.23	($0.03)	$0.063
Feb-28	4.20	$4.14	4.24	($0.06)	$0.047
Mar-28	4.10	$4.03	4.10	($0.07)	($0.002)
Apr-28	4.07	$3.96	4.06	($0.11)	($0.006)
May-28	4.10	$4.00	4.12	($0.10)	$0.024
Jun-28	4.28	$4.22	4.34	($0.06)	$0.059
Jul-28	4.27	$4.24	4.37	($0.04)	$0.091
Aug-28	4.31	$4.28	4.40	($0.03)	$0.089
Sep-28	4.35	$4.29	4.40	($0.06)	$0.048
Oct-28	4.31	$4.22	4.35	($0.09)	$0.044
Nov-28	4.35	$4.28	4.40	($0.07)	$0.046
Dec-28	4.69	$4.54	4.65	($0.15)	$0.054
Jan-29	4.64	$4.61	4.72	($0.03)	$0.075
Feb-29	4.67	$4.62	4.74	($0.05)	$0.068
Mar-29	4.45	$4.39	4.46	($0.06)	$0.007
Apr-29	4.47	$4.36	4.47	($0.11)	$0.002
May-29	4.53	$4.43	4.56	($0.10)	$0.027
Jun-29	4.65	$4.58	4.72	($0.07)	$0.062
Jul-29	4.39	$4.34	4.48	($0.05)	$0.091
Aug-29	4.42	$4.38	4.52	($0.03)	$0.098
Sep-29	4.54	$4.46	4.59	($0.07)	$0.053
Oct-29	4.52	$4.43	4.57	($0.10)	$0.040
Nov-29	4.43	$4.39	4.49	($0.04)	$0.063
Dec-29	4.63	$4.59	4.70	($0.04)	$0.062
Jan-30	4.67	$4.64	4.74	($0.03)	$0.075
Feb-30	4.69	$4.65	4.76	($0.04)	$0.069
Mar-30	4.58	$4.53	4.59	($0.05)	$0.004
Apr-30	4.55	$4.43	4.54	($0.12)	($0.008)
May-30	4.58	$4.48	4.61	($0.10)	$0.029
Jun-30	4.65	$4.61	4.72	($0.05)	$0.069
Jul-30	4.98	$4.96	5.09	($0.02)	$0.104
Aug-30	5.02	$5.02	5.13	$0.00	$0.113
Sep-30	4.98	$4.89	5.03	($0.09)	$0.056
Oct-30	4.72	$4.64	4.77	($0.08)	$0.053
Nov-30	4.64	$4.59	4.69	($0.04)	$0.056
Dec-30	4.88	$4.82	4.93	($0.04)	$0.054
Jan-31	4.89	$4.85	4.99	($0.04)	$0.098
Feb-31	4.92	$4.87	5.01	($0.05)	$0.092
Mar-31	4.83	$4.76	4.84	($0.06)	$0.019
Apr-31	4.78	$4.66	4.78	($0.13)	$0.000
May-31	4.81	$4.71	4.87	($0.10)	$0.055
Jun-31	4.88	$4.82	4.96	($0.06)	$0.082
Jul-31	5.21	$5.17	5.33	($0.03)	$0.116
Aug-31	5.26	$5.22	5.40	($0.04)	$0.139
Sep-31	5.16	$5.11	5.25	($0.05)	$0.086
Oct-31	5.05	$4.92	5.09	($0.08)	$0.082
Nov-31	5.07	$5.01	5.14	($0.06)	$0.066
Dec-31	5.26	$5.20	5.33	($0.06)	$0.082
Jan-32	5.28	$5.23	5.39	($0.05)	$0.106
Feb-32	5.31	$5.25	5.39	($0.06)	$0.077
Mar-32	5.29	$5.22	5.34	($0.07)	$0.050
Apr-32	5.13	$5.00	5.15	($0.13)	$0.026
May-32	5.16	$5.05	5.22	($0.10)	$0.069
Jun-32	5.19	$5.13	5.28	($0.05)	$0.095
Jul-32	5.33	$5.29	5.47	($0.04)	$0.136
Aug-32	5.38	$5.35	5.54	($0.03)	$0.159
Sep-32	5.30	$5.25	5.39	($0.05)	$0.091
Oct-32	5.27	$5.19	5.35	($0.08)	$0.088
Nov-32	5.39	$5.28	5.44	($0.11)	$0.053
Dec-32	5.46	$5.33	5.47	($0.08)	$0.072
Jan-33	5.14	$5.07	5.23	($0.06)	$0.093
Feb-33	5.17	$5.10	5.26	($0.07)	$0.091
Mar-33	5.12	$5.02	5.14	($0.10)	$0.022
Apr-33	5.12	$4.98	5.14	($0.14)	$0.016
May-33	5.15	$5.02	5.19	($0.14)	$0.032
Jun-33	5.19	$5.11	5.27	($0.08)	$0.080
Jul-33	5.39	$5.31	5.47	($0.04)	$0.119
Aug-33	5.39	$5.37	5.52	($0.02)	$0.127
Sep-33	5.32	$5.25	5.39	($0.08)	$0.068
Oct-33	5.27	$5.15	5.33	($0.12)	$0.053
Nov-33	5.43	$5.32	5.46	($0.11)	$0.033
Dec-33	5.62	$5.54	5.67	($0.08)	$0.047
Jan-34	5.66	$5.59	5.74	($0.06)	$0.080
Feb-34	5.49	$5.42	5.55	($0.07)	$0.056
Mar-34	5.34	$5.23	5.33	($0.11)	($0.009)
Apr-34	5.27	$5.14	5.28	($0.13)	$0.009
May-34	5.31	$5.17	5.35	($0.13)	$0.039
Jun-34	5.34	$5.26	5.43	($0.08)	$0.084
Jul-34	5.60	$5.55	5.72	($0.04)	$0.125
Aug-34	5.64	$5.62	5.78	($0.02)	$0.144
Sep-34	5.53	$5.46	5.61	($0.08)	$0.074
Oct-34	5.49	$5.27	5.45	($0.13)	$0.049
Nov-34	5.63	$5.52	5.67	($0.11)	$0.034
Dec-34	5.83	$5.76	5.88	($0.07)	$0.055
Jan-35	5.87	$5.81	5.96	($0.06)	$0.086
Feb-35	5.90	$5.83	5.96	($0.07)	$0.065
Mar-35	5.72	$5.61	5.74	($0.11)	$0.018
Apr-35	5.46	$5.32	5.49	($0.14)	$0.023
May-35	5.50	$5.38	5.54	($0.13)	$0.046
Jun-35	5.53	$5.45	5.62	($0.08)	$0.091
Jul-35	5.82	$5.78	5.95	($0.04)	$0.130
Aug-35	5.85	$5.83	6.00	($0.03)	$0.147
Sep-35	5.76	$5.68	5.83	($0.08)	$0.075
Oct-35	5.61	$5.48	5.66	($0.13)	$0.048
Nov-35	5.66	$5.55	5.69	($0.11)	$0.033
Dec-35	5.81	$5.74	5.87	($0.07)	$0.058
Jan-36	5.85	$5.79	5.94	($0.05)	$0.093
Feb-36	5.88	$5.80	5.91	($0.08)	$0.034
Mar-36	5.78	$5.67	5.80	($0.11)	$0.020
Apr-36	5.55	$5.41	5.57	($0.14)	$0.023
May-36	5.59	$5.45	5.64	($0.13)	$0.049
Jun-36	5.63	$5.54	5.72	($0.08)	$0.096
Jul-36	5.79	$5.75	5.93	($0.04)	$0.135
Aug-36	5.83	$5.80	5.98	($0.03)	$0.150
Sep-36	5.81	$5.73	5.90	($0.07)	$0.089
Oct-36	5.77	$5.64	5.84	($0.12)	$0.076
Nov-36	5.85	$5.74	5.90	($0.11)	$0.051
Dec-36	6.11	$6.04	6.18	($0.07)	$0.064
Jan-37	6.16	$6.10	6.27	($0.06)	$0.105
Feb-37	6.29	$6.13	6.28	($0.17)	$0.081
Mar-37	6.11	$5.99	6.13	($0.11)	$0.024
Apr-37	5.93	$5.79	5.95	($0.14)	$0.021
May-37	5.97	$5.83	6.02	($0.14)	$0.055
Jun-37	6.03	$5.95	6.14	($0.08)	$0.111
Jul-37	6.29	$6.25	6.43	($0.04)	$0.147
Aug-37	6.33	$6.30	6.47	($0.03)	$0.147
Sep-37	6.24	$6.17	6.34	($0.07)	$0.096
Oct-37	6.17	$6.04	6.25	($0.14)	$0.074
Nov-37	6.25	$6.13	6.30	($0.12)	$0.052
Dec-37	6.61	$6.44	6.59	($0.17)	$0.078
Jan-38	6.55	$6.49	6.66	($0.06)	$0.111
Feb-38	6.59	$6.52	6.68	($0.08)	$0.088
Mar-38	6.49	$6.37	6.52	($0.12)	$0.026
Apr-38	6.27	$6.13	6.31	($0.14)	$0.044
May-38	6.31	$6.17	6.37	($0.14)	$0.060
Jun-38	6.35	$6.27	6.47	($0.08)	$0.118
Jul-38	6.53	$6.49	6.69	($0.04)	$0.152
Aug-38	6.58	$6.54	6.73	($0.04)	$0.145
Sep-38	6.43	$6.36	6.54	($0.07)	$0.104
Oct-38	6.37	$6.23	6.43	($0.14)	$0.064
Nov-38	6.47	$6.35	6.55	($0.12)	$0.073
Dec-38	6.76	$6.63	6.80	($0.07)	$0.100
Jan-39	6.75	$6.68	6.87	($0.06)	$0.119
Feb-39	6.79	$6.72	6.89	($0.07)	$0.101
Mar-39	6.63	$6.51	6.66	($0.12)	$0.032
Apr-39	6.29	$6.05	6.24	($0.15)	$0.041
May-39	6.24	$6.09	6.29	($0.15)	$0.052
Jun-39	6.28	$6.19	6.39	($0.09)	$0.115
Jul-39	6.34	$6.28	6.47	($0.06)	$0.129
Aug-39	6.89	$6.84	7.04	($0.05)	$0.145
Sep-39	6.86	$6.78	6.95	($0.08)	$0.089
Oct-39	6.69	$6.46	6.69	($0.14)	$0.081
Nov-39	6.68	$6.56	6.74	($0.12)	$0.063
Dec-39	6.86	$6.80	6.97	($0.06)	$0.097
Jan-40	6.93	$6.86	7.02	($0.07)	$0.088
Feb-40	6.96	$6.85	7.02	($0.11)	$0.061
Mar-40	6.85	$6.72	6.88	($0.12)	$0.033
Apr-40	6.62	$6.47	6.63	($0.15)	$0.013
May-40	6.66	$6.51	6.72	($0.15)	$0.058
Jun-40	6.72	$6.62	6.82	($0.10)	$0.108
Jul-40	6.96	$6.91	7.11	($0.05)	$0.144
Aug-40	7.01	$6.97	7.16	($0.04)	$0.155
Sep-40	6.99	$6.91	7.09	($0.08)	$0.098
Oct-40	6.83	$6.68	6.92	($0.15)	$0.086
Nov-40	6.91	$6.78	6.98	($0.13)	$0.069
Dec-40	7.14	$7.07	7.25	($0.07)	$0.111
Jan-41	7.18	$7.12	7.30	($0.06)	$0.113
Feb-41	7.21	$7.12	7.30	($0.09)	$0.083
Mar-41	7.06	$6.93	7.10	($0.13)	$0.037
Apr-41	6.80	$6.65	6.85	($0.15)	$0.046
May-41	6.84	$6.69	6.90	($0.15)	$0.061
Jun-41	6.92	$6.83	7.04	($0.09)	$0.124
Jul-41	7.22	$7.18	7.39	($0.04)	$0.166
Aug-41	7.25	$7.24	7.42	($0.03)	$0.169
Sep-41	7.27	$7.19	7.38	($0.08)	$0.116
Oct-41	7.01	$6.87	7.09	($0.15)	$0.081
Nov-41	7.16	$7.03	7.23	($0.13)	$0.077
Dec-41	7.28	$7.20	7.49	($0.08)	$0.127
Jan-42	7.49	$7.35	7.52	($0.09)	$0.120
Feb-42	7.43	$7.35	7.52	($0.09)	$0.089
Mar-42	7.28	$7.14	7.31	($0.14)	$0.033
Apr-42	7.07	$6.91	7.12	($0.16)	$0.045
May-42	7.12	$6.96	7.18	($0.16)	$0.063
Jun-42	7.18	$7.10	7.32	($0.08)	$0.134
Jul-42	7.59	$7.51	7.72	($0.09)	$0.168
Aug-42	7.69	$7.59	7.77	($0.01)	$0.172
Sep-42	7.57	$7.50	7.69	($0.07)	$0.130
Oct-42	7.31	$7.16	7.39	($0.15)	$0.080
Nov-42	7.35	$7.22	7.43	($0.14)	$0.075
Dec-42	7.59	$7.46	7.69	($0.13)	$0.102
Jan-43	7.63	$7.53	7.74	($0.10)	$0.105
Feb-43	7.66	$7.50	7.71	($0.15)	$0.058
Mar-43	7.51	$7.37	7.54	($0.14)	$0.035
Apr-43	7.25	$7.05	7.27	($0.19)	$0.028
May-43	7.29	$7.10	7.34	($0.19)	$0.050
Jun-43	7.35	$7.19	7.45	($0.16)	$0.106
Jul-43	7.76	$7.63	7.87	($0.08)	$0.164
Aug-43	7.75	$7.69	7.91	($0.06)	$0.156
Sep-43	7.78	$7.61	7.87	($0.17)	$0.091
Oct-43	7.49	$7.32	7.56	($0.17)	$0.077
Nov-43	7.55	$7.39	7.62	($0.16)	$0.066
Dec-43	7.80	$7.65	7.89	($0.14)	$0.087
Jan-44	7.94	$7.72	7.94	($0.12)	$0.099
Feb-44	7.88	$7.72	7.94	($0.16)	$0.059
Mar-44	7.71	$7.55	7.74	($0.16)	$0.025
Apr-44	7.57	$7.36	7.69	($0.21)	$0.029
May-44	7.62	$7.40	7.65	($0.22)	$0.040
Jun-44	7.66	$7.49	7.77	($0.17)	$0.105
Jul-44	8.01	$7.93	8.17	($0.08)	$0.160
Aug-44	8.08	$8.00	8.22	($0.06)	$0.162
Sep-44	8.05	$7.85	8.13	($0.19)	$0.080
Oct-44	7.84	$7.63	7.89	($0.22)	$0.045
Nov-44	7.97	$7.78	8.03	($0.18)	$0.060
Dec-44	8.21	$8.06	8.31	($0.15)	$0.099
Jan-45	8.26	$8.14	8.37	($0.12)	$0.107
Feb-45	8.31	$8.14	8.37	($0.17)	$0.056
Mar-45	8.18	$8.01	8.21	($0.16)	$0.031
Apr-45	7.99	$7.76	8.01	($0.23)	$0.026
May-45	8.03	$7.81	8.07	($0.22)	$0.042
Jun-45	8.08	$7.91	8.19	($0.17)	$0.109
Jul-45	8.45	$8.36	8.61	($0.09)	$0.157
Aug-45	8.51	$8.44	8.68	($0.06)	$0.169
Sep-45	8.52	$8.32	8.61	($0.20)	$0.085
Oct-45	8.27	$8.05	8.33	($0.22)	$0.062
Nov-45	8.40	$8.21	8.46	($0.19)	$0.062
Dec-45	8.65	$8.49	8.75	($0.16)	$0.096
Jan-46	8.70	$8.59	8.82	($0.11)	$0.115
Feb-46	8.73	$8.56	8.79	($0.17)	$0.062
Mar-46	8.53	$8.34	8.55	($0.19)	$0.022
Apr-46	8.29	$8.05	8.31	($0.24)	$0.018
May-46	8.32	$8.10	8.37	($0.23)	$0.043
Jun-46	8.37	$8.20	8.48	($0.18)	$0.110
Jul-46	8.89	$8.70	8.96	($0.19)	$0.158
Aug-46	8.98	$8.80	9.03	($0.18)	$0.176
Sep-46	8.83	$8.63	8.91	($0.20)	$0.081
Oct-46	8.55	$8.33	8.61	($0.22)	$0.062
Nov-46	8.63	$8.43	8.69	($0.19)	$0.064
Dec-46	8.85	$8.70	8.96	($0.15)	$0.103
Jan-47	8.91	$8.80	9.03	($0.10)	$0.126
Feb-47	8.92	$8.73	8.98	($0.19)	$0.058
Mar-47	8.60	$8.39	8.62	($0.21)	$0.019
Apr-47	8.40	$8.15	8.43	($0.25)	$0.022
May-47	8.44	$8.19	8.48	($0.24)	$0.039
Jun-47	8.49	$8.33	8.61	($0.15)	$0.123
Jul-47	8.95	$8.81	9.07	($0.09)	$0.185
Aug-47	8.96	$8.90	9.14	($0.05)	$0.182
Sep-47	8.95	$8.79	9.04	($0.17)	$0.088
Oct-47	8.79	$8.56	8.85	($0.23)	$0.052
Nov-47	8.87	$8.64	8.92	($0.23)	$0.052
Dec-47	8.91	$8.73	9.00	($0.18)	$0.093
Jan-48	8.96	$8.84	9.07	($0.12)	$0.139
Feb-48	9.00	$8.79	9.04	($0.21)	$0.036
Mar-48	8.80	$8.57	8.81	($0.23)	$0.007
Apr-48	8.67	$8.41	8.69	($0.26)	$0.022
May-48	8.72	$8.47	8.75	($0.25)	$0.032
Jun-48	8.81	$8.63	8.91	($0.19)	$0.099
Jul-48	9.34	$9.22	9.48	($0.13)	$0.136
Aug-48	9.41	$9.35	9.59	($0.06)	$0.181
Sep-48	9.43	$9.23	9.50	($0.20)	$0.072
Oct-48	9.04	$8.79	9.10	($0.25)	$0.058
Nov-48	9.18	$8.94	9.23	($0.24)	$0.046
Dec-48	9.45	$9.23	9.51	($0.22)	$0.061
Jan-49	9.59	$9.32	9.59	($0.28)	$0.085
Feb-49	9.51	$9.28	9.54	($0.23)	$0.031
Mar-49	9.45	$9.22	9.46	($0.23)	$0.007
Apr-49	9.35	$9.09	9.36	($0.26)	$0.019
May-49	8.99	$8.74	9.02	($0.25)	$0.033
Jun-49	9.04	$8.83	9.13	($0.21)	$0.089
Jul-49	9.26	$9.11	9.38	($0.15)	$0.124
Aug-49	9.31	$9.18	9.46	($0.13)	$0.151
Sep-49	9.14	$8.95	9.21	($0.19)	$0.071
Oct-49	8.98	$8.73	9.03	($0.24)	$0.058
Nov-49	9.32	$9.08	9.37	($0.24)	$0.046
Dec-49	9.70	$9.49	9.76	($0.22)	$0.062
Jan-50	9.76	$9.58	9.84	($0.17)	$0.086
Feb-50	9.78	$9.55	9.82	($0.23)	$0.033
Mar-50	9.49	$9.26	9.49	($0.23)	$0.006
Apr-50	9.02	$8.76	9.04	($0.26)	$0.023
May-50	9.06	$8.81	9.09	($0.25)	$0.032
Jun-50	9.11	$8.91	9.20	($0.20)	$0.097
Jul-50	9.39	$9.24	9.52	($0.15)	$0.124
Aug-50	9.45	$9.33	9.61	($0.12)	$0.158
Sep-50	9.42	$9.23	9.50	($0.19)	$0.072
Oct-50	9.12	$8.89	9.18	($0.23)	$0.063
Nov-50	9.37	$9.13	9.42	($0.24)	$0.047
Dec-50	9.68	$9.47	9.75	($0.21)	$0.065

CONFIDENTIAL

IHS Markit North American Natural Gas Long-Term Outlook, August 2019
Nominal $/MMBtu
Henry Hub and additional hubs

Month-Year	eYear	Henry Hub	FGT Z3	Transco Z4	FGT Z3	Transco Z4
Jan-19	2019	$ 3.07	$ (0.09)	$ (0.06)	$ 3.03	$ 3.00
Feb-19	2019	$ 2.65	$ (0.02)	$ (0.03)	$ 2.63	$ 2.62
Mar-19	2019	$ 2.60	$ (0.00)	$ (0.01)	$ 2.60	$ 2.59
Apr-19	2019	$ 2.50	$ (0.00)	$ (0.03)	$ 2.50	$ 2.47
May-19	2019	$ 2.59	$ 0.01	$ 0.00	$ 2.60	$ 2.59
Jun-19	2019	$ 2.57	$ 0.04	$ 0.00	$ 2.60	$ 2.57
Jul-19	2019	$ 2.64	$ 0.05	$ 0.01	$ 2.69	$ 2.65
Aug-19	2019	$ 2.66	$ 0.06	$ 0.01	$ 2.72	$ 2.68
Sep-19	2019	$ 2.11	$ 0.02	$ 0.00	$ 2.13	$ 2.11
Oct-19	2019	$ 2.04	$ 0.01	$ (0.03)	$ 2.06	$ 2.01
Nov-19	2019	$ 2.09	$ 0.01	$ (0.02)	$ 2.10	$ 2.07
Dec-19	2019	$ 2.15	$ 0.02	$ (0.01)	$ 2.18	$ 2.15
Jan-20	2020	$ 2.06	$ 0.03	$ (0.01)	$ 2.09	$ 2.05
Feb-20	2020	$ 2.06	$ 0.02	$ (0.02)	$ 2.09	$ 2.04
Mar-20	2020	$ 1.97	$ (0.03)	$ (0.02)	$ 1.96	$ 1.95
Apr-20	2020	$ 1.81	$ (0.02)	$ (0.05)	$ 1.79	$ 1.76
May-20	2020	$ 1.61	$ 0.01	$ (0.05)	$ 1.62	$ 1.56
Jun-20	2020	$ 1.57	$ 0.03	$ (0.04)	$ 1.60	$ 1.53
Jul-20	2020	$ 1.72	$ 0.05	$ (0.03)	$ 1.77	$ 1.70
Aug-20	2020	$ 1.91	$ 0.05	$ (0.01)	$ 1.97	$ 1.91
Sep-20	2020	$ 2.06	$ 0.01	$ (0.04)	$ 2.08	$ 2.02
Oct-20	2020	$ 2.09	$ 0.02	$ (0.06)	$ 2.10	$ 2.02
Nov-20	2020	$ 2.08	$ 0.02	$ (0.03)	$ 2.10	$ 2.05
Dec-20	2020	$ 2.14	$ 0.03	$ (0.02)	$ 2.17	$ 2.12
Jan-21	2021	$ 2.20	$ 0.04	$ (0.01)	$ 2.24	$ 2.19
Feb-21	2021	$ 2.24	$ 0.03	$ (0.03)	$ 2.28	$ 2.22
Mar-21	2021	$ 2.16	$ (0.01)	$ (0.02)	$ 2.14	$ 2.14
Apr-21	2021	$ 2.11	$ (0.02)	$ (0.07)	$ 2.08	$ 2.03
May-21	2021	$ 2.15	$ 0.01	$ (0.07)	$ 2.15	$ 2.08
Jun-21	2021	$ 2.18	$ 0.03	$ (0.05)	$ 2.21	$ 2.13
Jul-21	2021	$ 2.21	$ 0.05	$ (0.04)	$ 2.25	$ 2.17
Aug-21	2021	$ 2.24	$ 0.06	$ (0.02)	$ 2.30	$ 2.22
Sep-21	2021	$ 2.27	$ 0.01	$ (0.03)	$ 2.29	$ 2.22
Oct-21	2021	$ 2.27	$ 0.02	$ (0.06)	$ 2.29	$ 2.21
Nov-21	2021	$ 2.33	$ 0.03	$ (0.04)	$ 2.36	$ 2.30
Dec-21	2021	$ 2.44	$ 0.04	$ (0.02)	$ 2.48	$ 2.42
Jan-22	2022	$ 2.46	$ 0.04	$ (0.02)	$ 2.50	$ 2.44
Feb-22	2022	$ 2.47	$ 0.04	$ (0.03)	$ 2.51	$ 2.44
Mar-22	2022	$ 2.48	$ (0.01)	$ (0.03)	$ 2.46	$ 2.45
Apr-22	2022	$ 2.50	$ (0.02)	$ (0.07)	$ 2.49	$ 2.43
May-22	2022	$ 2.52	$ 0.01	$ (0.07)	$ 2.52	$ 2.45
Jun-22	2022	$ 2.54	$ 0.03	$ (0.04)	$ 2.58	$ 2.50
Jul-22	2022	$ 2.61	$ 0.06	$ (0.02)	$ 2.67	$ 2.58
Aug-22	2022	$ 2.63	$ 0.07	$ (0.02)	$ 2.70	$ 2.62
Sep-22	2022	$ 2.63	$ 0.02	$ (0.01)	$ 2.65	$ 2.58
Oct-22	2022	$ 2.62	$ 0.03	$ (0.06)	$ 2.65	$ 2.56
Nov-22	2022	$ 2.70	$ 0.03	$ (0.03)	$ 2.74	$ 2.67
Dec-22	2022	$ 2.79	$ 0.04	$ (0.01)	$ 2.84	$ 2.78
Jan-23	2023	$ 2.81	$ 0.05	$ (0.02)	$ 2.86	$ 2.79
Feb-23	2023	$ 2.83	$ 0.05	$ (0.03)	$ 2.87	$ 2.79
Mar-23	2023	$ 2.77	$ (0.00)	$ (0.03)	$ 2.77	$ 2.74
Apr-23	2023	$ 2.73	$ (0.01)	$ (0.07)	$ 2.72	$ 2.66
May-23	2023	$ 2.75	$ 0.02	$ (0.06)	$ 2.76	$ 2.68
Jun-23	2023	$ 2.78	$ 0.04	$ (0.01)	$ 2.82	$ 2.73
Jul-23	2023	$ 2.87	$ 0.07	$ (0.04)	$ 2.94	$ 2.83
Aug-23	2023	$ 2.89	$ 0.08	$ (0.03)	$ 2.97	$ 2.87
Sep-23	2023	$ 2.87	$ 0.03	$ (0.01)	$ 2.90	$ 2.82
Oct-23	2023	$ 2.81	$ 0.03	$ (0.06)	$ 2.86	$ 2.76
Nov-23	2023	$ 3.01	$ 0.04	$ (0.03)	$ 3.05	$ 2.97
Dec-23	2023	$ 3.07	$ 0.05	$ (0.02)	$ 3.12	$ 3.05
Jan-24	2024	$ 3.10	$ 0.06	$ (0.03)	$ 3.15	$ 3.07
Feb-24	2024	$ 3.12	$ 0.05	$ (0.04)	$ 3.17	$ 3.07
Mar-24	2024	$ 3.10	$ (0.00)	$ (0.05)	$ 3.10	$ 3.06
Apr-24	2024	$ 3.08	$ (0.01)	$ (0.09)	$ 3.08	$ 3.00
May-24	2024	$ 3.10	$ 0.02	$ (0.08)	$ 3.12	$ 3.02
Jun-24	2024	$ 3.16	$ 0.05	$ (0.06)	$ 3.21	$ 3.10
Jul-24	2024	$ 3.27	$ 0.08	$ (0.04)	$ 3.34	$ 3.22
Aug-24	2024	$ 3.30	$ 0.08	$ (0.03)	$ 3.37	$ 3.27
Sep-24	2024	$ 3.26	$ 0.05	$ (0.06)	$ 3.31	$ 3.20
Oct-24	2024	$ 3.24	$ 0.04	$ (0.06)	$ 3.28	$ 3.18
Nov-24	2024	$ 3.37	$ 0.04	$ (0.03)	$ 3.42	$ 3.33
Dec-24	2024	$ 3.50	$ 0.06	$ (0.04)	$ 3.56	$ 3.46
Jan-25	2025	$ 3.52	$ 0.06	$ (0.03)	$ 3.58	$ 3.49
Feb-25	2025	$ 3.54	$ 0.06	$ (0.04)	$ 3.60	$ 3.50
Mar-25	2025	$ 3.48	$ (0.00)	$ (0.01)	$ 3.47	$ 3.43
Apr-25	2025	$ 3.42	$ (0.01)	$ (0.10)	$ 3.41	$ 3.33
May-25	2025	$ 3.44	$ 0.02	$ (0.09)	$ 3.46	$ 3.35
Jun-25	2025	$ 3.47	$ 0.05	$ (0.06)	$ 3.52	$ 3.41
Jul-25	2025	$ 3.65	$ 0.08	$ (0.04)	$ 3.73	$ 3.61
Aug-25	2025	$ 3.68	$ 0.08	$ (0.03)	$ 3.76	$ 3.66
Sep-25	2025	$ 3.37	$ 0.05	$ (0.00)	$ 3.41	$ 3.31
Oct-25	2025	$ 3.35	$ 0.04	$ (0.08)	$ 3.38	$ 3.27
Nov-25	2025	$ 3.44	$ 0.04	$ (0.07)	$ 3.48	$ 3.38
Dec-25	2025	$ 3.60	$ 0.05	$ (0.03)	$ 3.65	$ 3.55
Jan-26	2026	$ 3.62	$ 0.06	$ (0.05)	$ 3.68	$ 3.58
Feb-26	2026	$ 3.64	$ 0.05	$ (0.03)	$ 3.70	$ 3.59
Mar-26	2026	$ 3.56	$ (0.00)	$ (0.06)	$ 3.55	$ 3.50
Apr-26	2026	$ 3.50	$ (0.00)	$ (0.09)	$ 3.50	$ 3.41
May-26	2026	$ 3.52	$ 0.02	$ (0.09)	$ 3.54	$ 3.43
Jun-26	2026	$ 3.57	$ 0.05	$ (0.06)	$ 3.62	$ 3.51
Jul-26	2026	$ 3.82	$ 0.08	$ (0.04)	$ 3.90	$ 3.78
Aug-26	2026	$ 3.85	$ 0.08	$ (0.04)	$ 3.93	$ 3.81
Sep-26	2026	$ 3.70	$ 0.04	$ (0.00)	$ 3.74	$ 3.64
Oct-26	2026	$ 3.64	$ 0.03	$ (0.09)	$ 3.68	$ 3.55
Nov-26	2026	$ 3.70	$ 0.04	$ (0.00)	$ 3.74	$ 3.64
Dec-26	2026	$ 3.87	$ 0.05	$ (0.00)	$ 3.92	$ 3.82
Jan-27	2027	$ 3.89	$ 0.06	$ (0.04)	$ 3.95	$ 3.85
Feb-27	2027	$ 3.91	$ 0.06	$ (0.01)	$ 3.97	$ 3.88
Mar-27	2027	$ 3.85	$ (0.00)	$ (0.06)	$ 3.85	$ 3.79
Apr-27	2027	$ 3.71	$ (0.00)	$ (0.10)	$ 3.71	$ 3.62
May-27	2027	$ 3.74	$ 0.02	$ (0.10)	$ 3.76	$ 3.64
Jun-27	2027	$ 3.81	$ 0.05	$ (0.06)	$ 3.86	$ 3.75
Jul-27	2027	$ 4.10	$ 0.08	$ (0.04)	$ 4.17	$ 4.05
Aug-27	2027	$ 4.12	$ 0.08	$ (0.03)	$ 4.21	$ 4.09
Sep-27	2027	$ 4.08	$ 0.04	$ (0.07)	$ 4.12	$ 4.01
Oct-27	2027	$ 3.89	$ 0.04	$ (0.09)	$ 3.93	$ 3.80
Nov-27	2027	$ 3.95	$ 0.04	$ (0.00)	$ 4.00	$ 3.89
Dec-27	2027	$ 4.14	$ 0.05	$ (0.00)	$ 4.20	$ 4.10
Jan-28	2028	$ 4.17	$ 0.06	$ (0.03)	$ 4.23	$ 4.14
Feb-28	2028	$ 4.20	$ 0.05	$ (0.06)	$ 4.24	$ 4.14
Mar-28	2028	$ 4.10	$ (0.00)	$ (0.07)	$ 4.10	$ 4.03
Apr-28	2028	$ 4.07	$ (0.01)	$ (0.13)	$ 4.06	$ 3.96
May-28	2028	$ 4.10	$ 0.02	$ (0.10)	$ 4.12	$ 4.00
Jun-28	2028	$ 4.28	$ 0.06	$ (0.06)	$ 4.34	$ 4.22
Jul-28	2028	$ 4.27	$ 0.09	$ (0.04)	$ 4.37	$ 4.24
Aug-28	2028	$ 4.31	$ 0.09	$ (0.03)	$ 4.40	$ 4.28
Sep-28	2028	$ 4.35	$ 0.05	$ (0.00)	$ 4.40	$ 4.29
Oct-28	2028	$ 4.31	$ 0.04	$ (0.09)	$ 4.35	$ 4.22
Nov-28	2028	$ 4.35	$ 0.05	$ (0.07)	$ 4.40	$ 4.28
Dec-28	2028	$ 4.60	$ 0.05	$ (0.05)	$ 4.65	$ 4.54
Jan-29	2029	$ 4.64	$ 0.08	$ (0.03)	$ 4.72	$ 4.61
Feb-29	2029	$ 4.67	$ 0.07	$ (0.01)	$ 4.74	$ 4.62
Mar-29	2029	$ 4.45	$ 0.01	$ (0.06)	$ 4.46	$ 4.39
Apr-29	2029	$ 4.47	$ 0.00	$ (0.10)	$ 4.47	$ 4.36
May-29	2029	$ 4.53	$ 0.03	$ (0.10)	$ 4.56	$ 4.43
Jun-29	2029	$ 4.66	$ 0.06	$ (0.07)	$ 4.72	$ 4.58
Jul-29	2029	$ 4.39	$ 0.09	$ (0.05)	$ 4.48	$ 4.34
Aug-29	2029	$ 4.42	$ 0.10	$ (0.03)	$ 4.52	$ 4.38
Sep-29	2029	$ 4.54	$ 0.05	$ (0.07)	$ 4.59	$ 4.46
Oct-29	2029	$ 4.52	$ 0.04	$ (0.10)	$ 4.57	$ 4.43
Nov-29	2029	$ 4.43	$ 0.06	$ (0.04)	$ 4.49	$ 4.39
Dec-29	2029	$ 4.63	$ 0.06	$ (0.04)	$ 4.70	$ 4.59
Jan-30	2030	$ 4.67	$ 0.08	$ (0.03)	$ 4.74	$ 4.64
Feb-30	2030	$ 4.69	$ 0.07	$ (0.04)	$ 4.76	$ 4.65
Mar-30	2030	$ 4.58	$ 0.00	$ (0.05)	$ 4.59	$ 4.53
Apr-30	2030	$ 4.55	$ (0.01)	$ (0.12)	$ 4.54	$ 4.43
May-30	2030	$ 4.58	$ 0.03	$ (0.10)	$ 4.61	$ 4.48
Jun-30	2030	$ 4.65	$ 0.07	$ (0.05)	$ 4.72	$ 4.61
Jul-30	2030	$ 4.98	$ 0.10	$ (0.02)	$ 5.09	$ 4.96
Aug-30	2030	$ 5.02	$ 0.11	$ 0.00	$ 5.13	$ 5.02
Sep-30	2030	$ 4.95	$ 0.06	$ (0.01)	$ 5.00	$ 4.89
Oct-30	2030	$ 4.72	$ 0.05	$ (0.08)	$ 4.77	$ 4.64
Nov-30	2030	$ 4.64	$ 0.06	$ (0.04)	$ 4.69	$ 4.59
Dec-30	2030	$ 4.86	$ 0.06	$ (0.04)	$ 4.93	$ 4.82
Jan-31	2031	$ 4.89	$ 0.10	$ (0.04)	$ 4.99	$ 4.85
Feb-31	2031	$ 4.92	$ 0.09	$ (0.00)	$ 5.01	$ 4.87
Mar-31	2031	$ 4.83	$ 0.02	$ (0.06)	$ 4.84	$ 4.76
Apr-31	2031	$ 4.78	$ 0.00	$ (0.12)	$ 4.78	$ 4.66
May-31	2031	$ 4.81	$ 0.06	$ (0.10)	$ 4.87	$ 4.71
Jun-31	2031	$ 4.88	$ 0.08	$ (0.06)	$ 4.96	$ 4.82
Jul-31	2031	$ 5.21	$ 0.12	$ (0.03)	$ 5.33	$ 5.17
Aug-31	2031	$ 5.26	$ 0.14	$ (0.04)	$ 5.40	$ 5.22
Sep-31	2031	$ 5.16	$ 0.09	$ (0.01)	$ 5.25	$ 5.11
Oct-31	2031	$ 5.00	$ 0.08	$ (0.08)	$ 5.09	$ 4.92
Nov-31	2031	$ 5.07	$ 0.07	$ (0.00)	$ 5.14	$ 5.01
Dec-31	2031	$ 5.25	$ 0.08	$ (0.05)	$ 5.33	$ 5.20
Jan-32	2032	$ 5.28	$ 0.11	$ (0.05)	$ 5.39	$ 5.23
Feb-32	2032	$ 5.31	$ 0.08	$ (0.06)	$ 5.39	$ 5.25
Mar-32	2032	$ 5.29	$ 0.05	$ (0.07)	$ 5.34	$ 5.22
Apr-32	2032	$ 5.13	$ 0.03	$ (0.13)	$ 5.15	$ 5.00
May-32	2032	$ 5.16	$ 0.07	$ (0.10)	$ 5.23	$ 5.05
Jun-32	2032	$ 5.19	$ 0.09	$ (0.06)	$ 5.28	$ 5.13
Jul-32	2032	$ 5.33	$ 0.14	$ (0.04)	$ 5.47	$ 5.29
Aug-32	2032	$ 5.38	$ 0.16	$ (0.03)	$ 5.54	$ 5.35
Sep-32	2032	$ 5.30	$ 0.09	$ (0.05)	$ 5.39	$ 5.25
Oct-32	2032	$ 5.27	$ 0.09	$ (0.08)	$ 5.35	$ 5.19
Nov-32	2032	$ 5.39	$ 0.05	$ (0.10)	$ 5.44	$ 5.28
Dec-32	2032	$ 5.40	$ 0.07	$ (0.08)	$ 5.47	$ 5.33
Jan-33	2033	$ 5.14	$ 0.09	$ (0.06)	$ 5.23	$ 5.07
Feb-33	2033	$ 5.17	$ 0.09	$ (0.07)	$ 5.26	$ 5.10
Mar-33	2033	$ 5.12	$ 0.02	$ (0.10)	$ 5.14	$ 5.02
Apr-33	2033	$ 5.12	$ 0.02	$ (0.14)	$ 5.14	$ 4.98
May-33	2033	$ 5.15	$ 0.03	$ (0.14)	$ 5.19	$ 5.02
Jun-33	2033	$ 5.19	$ 0.08	$ (0.08)	$ 5.27	$ 5.11
Jul-33	2033	$ 5.35	$ 0.12	$ (0.04)	$ 5.47	$ 5.31
Aug-33	2033	$ 5.39	$ 0.13	$ (0.02)	$ 5.52	$ 5.37
Sep-33	2033	$ 5.32	$ 0.07	$ (0.08)	$ 5.39	$ 5.25
Oct-33	2033	$ 5.27	$ 0.05	$ (0.12)	$ 5.33	$ 5.15
Nov-33	2033	$ 5.43	$ 0.03	$ (0.11)	$ 5.46	$ 5.32
Dec-33	2033	$ 5.62	$ 0.05	$ (0.08)	$ 5.67	$ 5.54
Jan-34	2034	$ 5.66	$ 0.08	$ (0.08)	$ 5.74	$ 5.59
Feb-34	2034	$ 5.49	$ 0.06	$ (0.07)	$ 5.55	$ 5.42
Mar-34	2034	$ 5.34	$ (0.00)	$ (0.10)	$ 5.33	$ 5.23
Apr-34	2034	$ 5.27	$ 0.01	$ (0.13)	$ 5.28	$ 5.14
May-34	2034	$ 5.31	$ 0.04	$ (0.13)	$ 5.35	$ 5.17
Jun-34	2034	$ 5.34	$ 0.08	$ (0.08)	$ 5.43	$ 5.26
Jul-34	2034	$ 5.60	$ 0.12	$ (0.04)	$ 5.72	$ 5.55
Aug-34	2034	$ 5.64	$ 0.14	$ (0.02)	$ 5.78	$ 5.62
Sep-34	2034	$ 5.53	$ 0.07	$ (0.08)	$ 5.61	$ 5.46
Oct-34	2034	$ 5.40	$ 0.05	$ (0.13)	$ 5.45	$ 5.27
Nov-34	2034	$ 5.63	$ 0.03	$ (0.11)	$ 5.67	$ 5.52
Dec-34	2034	$ 5.83	$ 0.06	$ (0.07)	$ 5.88	$ 5.76
Jan-35	2035	$ 5.87	$ 0.09	$ (0.06)	$ 5.96	$ 5.81
Feb-35	2035	$ 5.90	$ 0.06	$ (0.07)	$ 5.96	$ 5.83
Mar-35	2035	$ 5.72	$ 0.02	$ (0.11)	$ 5.74	$ 5.61
Apr-35	2035	$ 5.46	$ 0.02	$ (0.14)	$ 5.49	$ 5.32
May-35	2035	$ 5.50	$ 0.05	$ (0.13)	$ 5.54	$ 5.36
Jun-35	2035	$ 5.53	$ 0.09	$ (0.08)	$ 5.62	$ 5.45
Jul-35	2035	$ 5.82	$ 0.13	$ (0.04)	$ 5.95	$ 5.78
Aug-35	2035	$ 5.85	$ 0.15	$ (0.03)	$ 6.00	$ 5.83
Sep-35	2035	$ 5.76	$ 0.07	$ (0.08)	$ 5.83	$ 5.68
Oct-35	2035	$ 5.61	$ 0.05	$ (0.13)	$ 5.66	$ 5.48
Nov-35	2035	$ 5.66	$ 0.03	$ (0.11)	$ 5.69	$ 5.55
Dec-35	2035	$ 5.81	$ 0.06	$ (0.07)	$ 5.87	$ 5.74
Jan-36	2036	$ 5.85	$ 0.09	$ (0.06)	$ 5.94	$ 5.79
Feb-36	2036	$ 5.88	$ 0.03	$ (0.08)	$ 5.91	$ 5.80
Mar-36	2036	$ 5.78	$ 0.02	$ (0.11)	$ 5.80	$ 5.67
Apr-36	2036	$ 5.55	$ 0.02	$ (0.14)	$ 5.57	$ 5.41
May-36	2036	$ 5.59	$ 0.05	$ (0.13)	$ 5.64	$ 5.45
Jun-36	2036	$ 5.63	$ 0.10	$ (0.08)	$ 5.72	$ 5.54
Jul-36	2036	$ 5.79	$ 0.13	$ (0.04)	$ 5.93	$ 5.75
Aug-36	2036	$ 5.83	$ 0.15	$ (0.03)	$ 5.98	$ 5.80
Sep-36	2036	$ 5.81	$ 0.09	$ (0.07)	$ 5.90	$ 5.73
Oct-36	2036	$ 5.77	$ 0.08	$ (0.12)	$ 5.84	$ 5.64
Nov-36	2036	$ 5.85	$ 0.05	$ (0.10)	$ 5.90	$ 5.74
Dec-36	2036	$ 6.11	$ 0.06	$ (0.07)	$ 6.18	$ 6.04
Jan-37	2037	$ 6.16	$ 0.11	$ (0.06)	$ 6.27	$ 6.10
Feb-37	2037	$ 6.20	$ 0.08	$ (0.07)	$ 6.28	$ 6.13
Mar-37	2037	$ 6.11	$ 0.02	$ (0.11)	$ 6.13	$ 5.99
Apr-37	2037	$ 5.93	$ 0.02	$ (0.14)	$ 5.95	$ 5.79
May-37	2037	$ 5.97	$ 0.05	$ (0.14)	$ 6.02	$ 5.83
Jun-37	2037	$ 6.03	$ 0.11	$ (0.08)	$ 6.14	$ 5.95
Jul-37	2037	$ 6.29	$ 0.15	$ (0.04)	$ 6.43	$ 6.25
Aug-37	2037	$ 6.33	$ 0.15	$ (0.03)	$ 6.47	$ 6.30
Sep-37	2037	$ 6.24	$ 0.10	$ (0.07)	$ 6.34	$ 6.17
Oct-37	2037	$ 6.17	$ 0.07	$ (0.14)	$ 6.25	$ 6.04
Nov-37	2037	$ 6.25	$ 0.05	$ (0.12)	$ 6.30	$ 6.13
Dec-37	2037	$ 6.51	$ 0.08	$ (0.07)	$ 6.59	$ 6.44
Jan-38	2038	$ 6.55	$ 0.11	$ (0.06)	$ 6.66	$ 6.49
Feb-38	2038	$ 6.59	$ 0.09	$ (0.08)	$ 6.68	$ 6.52
Mar-38	2038	$ 6.49	$ 0.03	$ (0.12)	$ 6.52	$ 6.37
Apr-38	2038	$ 6.27	$ 0.04	$ (0.14)	$ 6.31	$ 6.13
May-38	2038	$ 6.31	$ 0.06	$ (0.14)	$ 6.37	$ 6.17
Jun-38	2038	$ 6.35	$ 0.12	$ (0.08)	$ 6.47	$ 6.27
Jul-38	2038	$ 6.53	$ 0.15	$ (0.04)	$ 6.69	$ 6.49
Aug-38	2038	$ 6.58	$ 0.14	$ (0.04)	$ 6.73	$ 6.54
Sep-38	2038	$ 6.43	$ 0.10	$ (0.07)	$ 6.54	$ 6.36
Oct-38	2038	$ 6.27	$ 0.06	$ (0.14)	$ 6.33	$ 6.13
Nov-38	2038	$ 6.47	$ 0.07	$ (0.12)	$ 6.55	$ 6.35
Dec-38	2038	$ 6.70	$ 0.10	$ (0.07)	$ 6.80	$ 6.63
Jan-39	2039	$ 6.75	$ 0.12	$ (0.06)	$ 6.87	$ 6.68
Feb-39	2039	$ 6.79	$ 0.10	$ (0.07)	$ 6.89	$ 6.72
Mar-39	2039	$ 6.63	$ 0.03	$ (0.12)	$ 6.66	$ 6.51
Apr-39	2039	$ 6.20	$ 0.04	$ (0.15)	$ 6.24	$ 6.05
May-39	2039	$ 6.24	$ 0.05	$ (0.15)	$ 6.29	$ 6.09
Jun-39	2039	$ 6.28	$ 0.11	$ (0.09)	$ 6.39	$ 6.19
Jul-39	2039	$ 6.34	$ 0.13	$ (0.06)	$ 6.47	$ 6.28
Aug-39	2039	$ 6.89	$ 0.15	$ (0.01)	$ 7.04	$ 6.84
Sep-39	2039	$ 6.86	$ 0.09	$ (0.08)	$ 6.95	$ 6.78
Oct-39	2039	$ 6.60	$ 0.08	$ (0.14)	$ 6.69	$ 6.46
Nov-39	2039	$ 6.68	$ 0.06	$ (0.12)	$ 6.74	$ 6.56
Dec-39	2039	$ 6.88	$ 0.09	$ (0.09)	$ 6.97	$ 6.80
Jan-40	2040	$ 6.93	$ 0.10	$ (0.07)	$ 7.02	$ 6.86
Feb-40	2040	$ 6.96	$ 0.06	$ (0.11)	$ 7.02	$ 6.85
Mar-40	2040	$ 6.85	$ 0.03	$ (0.12)	$ 6.88	$ 6.72
Apr-40	2040	$ 6.62	$ 0.01	$ (0.13)	$ 6.63	$ 6.47
May-40	2040	$ 6.66	$ 0.06	$ (0.15)	$ 6.72	$ 6.51
Jun-40	2040	$ 6.72	$ 0.11	$ (0.10)	$ 6.82	$ 6.62
Jul-40	2040	$ 6.96	$ 0.14	$ (0.05)	$ 7.11	$ 6.91
Aug-40	2040	$ 7.01	$ 0.15	$ (0.04)	$ 7.16	$ 6.97
Sep-40	2040	$ 6.99	$ 0.10	$ (0.08)	$ 7.09	$ 6.91
Oct-40	2040	$ 6.83	$ 0.09	$ (0.13)	$ 6.92	$ 6.78
Nov-40	2040	$ 6.91	$ 0.07	$ (0.12)	$ 6.98	$ 6.79
Dec-40	2040	$ 7.14	$ 0.11	$ (0.07)	$ 7.25	$ 7.07
Jan-41	2041	$ 7.19	$ 0.11	$ (0.06)	$ 7.30	$ 7.13
Feb-41	2041	$ 7.21	$ 0.08	$ (0.09)	$ 7.30	$ 7.12
Mar-41	2041	$ 7.06	$ 0.04	$ (0.13)	$ 7.10	$ 6.93
Apr-41	2041	$ 6.80	$ 0.05	$ (0.10)	$ 6.85	$ 6.65
May-41	2041	$ 6.84	$ 0.06	$ (0.15)	$ 6.90	$ 6.69
Jun-41	2041	$ 6.92	$ 0.12	$ (0.09)	$ 7.04	$ 6.83
Jul-41	2041	$ 7.22	$ 0.17	$ (0.04)	$ 7.39	$ 7.18
Aug-41	2041	$ 7.26	$ 0.16	$ (0.03)	$ 7.42	$ 7.24
Sep-41	2041	$ 7.27	$ 0.13	$ (0.08)	$ 7.38	$ 7.19
Oct-41	2041	$ 7.03	$ 0.06	$ (0.10)	$ 7.09	$ 6.87
Nov-41	2041	$ 7.16	$ 0.08	$ (0.13)	$ 7.23	$ 7.03
Dec-41	2041	$ 7.36	$ 0.13	$ (0.06)	$ 7.49	$ 7.30
Jan-42	2042	$ 7.40	$ 0.12	$ (0.05)	$ 7.52	$ 7.35
Feb-42	2042	$ 7.43	$ 0.09	$ (0.09)	$ 7.52	$ 7.35
Mar-42	2042	$ 7.28	$ 0.03	$ (0.14)	$ 7.31	$ 7.14
Apr-42	2042	$ 7.07	$ 0.05	$ (0.16)	$ 7.12	$ 6.91
May-42	2042	$ 7.12	$ 0.06	$ (0.16)	$ 7.18	$ 6.96
Jun-42	2042	$ 7.18	$ 0.13	$ (0.08)	$ 7.32	$ 7.10
Jul-42	2042	$ 7.55	$ 0.17	$ (0.03)	$ 7.72	$ 7.51
Aug-42	2042	$ 7.60	$ 0.17	$ (0.01)	$ 7.77	$ 7.59
Sep-42	2042	$ 7.37	$ 0.12	$ (0.07)	$ 7.49	$ 7.30
Oct-42	2042	$ 7.31	$ 0.08	$ (0.15)	$ 7.39	$ 7.16
Nov-42	2042	$ 7.35	$ 0.07	$ (0.14)	$ 7.43	$ 7.22
Dec-42	2042	$ 7.59	$ 0.10	$ (0.13)	$ 7.69	$ 7.46
Jan-43	2043	$ 7.63	$ 0.10	$ (0.10)	$ 7.74	$ 7.53
Feb-43	2043	$ 7.66	$ 0.06	$ (0.15)	$ 7.71	$ 7.50
Mar-43	2043	$ 7.51	$ 0.04	$ (0.14)	$ 7.54	$ 7.37
Apr-43	2043	$ 7.25	$ 0.03	$ (0.19)	$ 7.27	$ 7.05
May-43	2043	$ 7.29	$ 0.05	$ (0.19)	$ 7.34	$ 7.10
Jun-43	2043	$ 7.35	$ 0.11	$ (0.16)	$ 7.45	$ 7.19
Jul-43	2043	$ 7.70

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FL June 2019 FOF

Natural Gas Report

MMBtu = Dt

MMBtu (000)

Plant	Unit	2019	2020	2021	2022	2023
ANCLOTE	1	5,725,519.967	5,057,647.146	6,204,051.752	8,448,913.808	6,721,040.467
ANCLOTE	2	3,993,127.573	3,120,861.778	4,906,149.624	2,223,286.471	1,894,315.903
ANCLOTE	*Total*	***9,718,647.540***	***8,178,508.925***	***11,110,201.376***	***10,672,200.279***	***8,615,356.370***
AVON PK	P 1	.000	.000	.000	.000	.000
AVON PK	*Total*	***.000***	***.000***	***.000***	***.000***	***.000***
BARTOW	CC1	23,157,747.439	55,794,749.663	55,348,300.707	55,109,823.646	54,944,546.049
BARTOW	P 2	3,892.042	7,025.668	5,986.380	6,468.973	6,811.767
BARTOW	P 4	5,830.031	8,417.662	8,363.979	9,641.229	6,299.716
BARTOW	*Total*	***23,167,469.511***	***55,810,192.992***	***55,362,651.065***	***55,125,933.849***	***54,957,657.532***
Citrus CC #1	1	20,678,864.852	41,415,942.741	41,309,760.894	41,496,989.884	41,471,709.073
Citrus CC #1	*Total*	***20,678,864.852***	***41,415,942.741***	***41,309,760.894***	***41,496,989.884***	***41,471,709.073***
Citrus CC #2	1	20,526,481.161	41,341,557.256	41,574,498.947	41,336,340.197	41,514,692.387
Citrus CC #2	*Total*	***20,526,481.161***	***41,341,557.256***	***41,574,498.947***	***41,336,340.197***	***41,514,692.387***
DEBARY	P 7	269,390.385	360,105.282	374,198.701	475,267.146	470,704.634
DEBARY	P 8	160,350.261	190,118.447	186,923.627	234,503.817	191,787.853
DEBARY	P 9	328,047.299	441,791.553	545,985.617	582,987.413	614,755.194
DEBARY	*Total*	***757,787.945***	***992,015.282***	***1,107,107.946***	***1,292,758.376***	***1,277,247.681***
HIGGINS	P 1	0.000	0.000	0.000	0.000	0.000
HIGGINS	P 2	904.703	1,050.310	0.000	0.000	0.000
HIGGINS	P 3	4,437.949	4,049.245	0.000	0.000	0.000
HIGGINS	P 4	5,398.830	4,992.561	0.000	0.000	0.000
HIGGINS	*Total*	***10,741.481***	***10,092.116***	***.000***	***.000***	***.000***
HINES	1	12,676,475.855	22,277,822.109	21,765,706.117	23,089,199.097	22,864,999.481
HINES	2	12,179,056.870	21,090,125.016	22,047,818.960	20,563,455.713	22,347,448.592
HINES	3	11,069,071.225	23,568,446.242	20,918,240.431	23,246,826.556	23,217,632.190
HINES	4	11,820,825.918	25,341,724.876	26,883,761.652	24,859,943.901	24,564,743.041
HINES	*Total*	***47,745,429.868***	***92,278,118.243***	***91,615,527.161***	***91,759,425.267***	***92,994,823.305***
INT CITY	P 7	124,440.073	121,793.566	126,356.043	138,774.686	136,269.017
INT CITY	P 8	210,789.836	260,365.053	315,709.987	334,336.389	297,680.610
INT CITY	P 9	216,916.865	266,450.466	318,494.417	252,301.309	344,891.640
INT CITY	P10	119,334.821	125,907.311	91,750.140	145,585.394	132,809.890
INT CITY	P12	22,514.713	27,163.780	42,155.279	43,384.841	40,278.127
INT CITY	P13	62,379.893	62,027.291	44,430.899	59,687.655	52,717.012
INT CITY	P14	10,755.056	18,022.529	23,049.699	22,516.202	15,079.727
INT CITY	*Total*	***767,131.256***	***881,729.996***	***961,946.465***	***996,586.477***	***1,019,726.023***
Osprey 2017	1	12,112,151.229	13,600,566.130	11,407,637.240	11,442,740.440	11,243,453.190
Osprey 2017	*Total*	***12,112,151.229***	***13,600,566.130***	***11,407,637.240***	***11,442,740.440***	***11,243,453.190***
Osprey PPA		.000	.000	.000	.000	.000
Osprey PPA	*Total*	***.000***	***.000***	***.000***	***.000***	***.000***
Shady Hills	1	1,248,676.277	1,028,608.323	1,732,052.434	1,961,818.091	1,939,198.606
Shady Hills	2	1,301,016.042	1,060,593.146	1,888,539.527	2,213,353.854	2,043,555.050
Shady Hills	3	1,395,505.498	1,151,769.883	1,798,265.840	2,015,087.688	1,953,103.810
Shady Hills	*Total*	***3,945,197.818***	***3,240,971.351***	***5,418,857.801***	***6,190,259.633***	***5,935,857.466***
SUWANNEE	1	.000	.000	.000	.000	.000
SUWANNEE	2	.000	.000	.000	.000	.000
SUWANNEE	3	.000	.000	.000	.000	.000
SUWANNEE	P 1	123,629.808	182,701.577	234,113.811	235,450.154	237,939.708
SUWANNEE	P 3	135,848.367	223,660.381	249,518.268	283,623.349	271,915.862
SUWANNEE	*Total*	***259,478.175***	***406,361.959***	***483,632.079***	***519,073.503***	***509,855.569***
TIGERBAY	1	4,295,906.643	6,328,843.964	6,767,734.546	7,138,022.829	6,433,670.738
TIGERBAY	*Total*	***4,295,906.643***	***6,328,843.964***	***6,767,734.546***	***7,138,022.829***	***6,433,670.738***
U OF FL	P 1	1,641,841.291	2,912,322.316	3,266,074.538	3,266,700.778	3,266,039.851
U OF FL	*Total*	***1,641,841.291***	***2,912,322.316***	***3,266,074.538***	***3,266,700.778***	***3,266,039.851***
Vandolah (NSG)	1	187,362.334	221,784.676	263,300.783	352,410.271	297,840.652
Vandolah (NSG)	2	186,363.911	249,792.142	301,630.904	394,291.197	297,000.280
Vandolah (NSG)	3	190,672.401	229,393.647	317,779.248	372,806.384	316,043.236
Vandolah (NSG)	4	223,240.821	294,660.535	320,464.557	382,482.946	338,576.134
Vandolah (NSG)	*Total*	***787,639.466***	***995,631.000***	***1,203,175.492***	***1,501,990.797***	***1,249,460.302***
TOTAL		**146,414,768.235**	**268,392,854.271**	**271,588,805.550**	**272,739,022.309**	**270,489,549.487**

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DEF Aucust 2019 FBP /published 8/19/19R / 2019 Series Generation and Fuel Forecast /published 7/30/19S
https://team.duke-energy.com/sites/RP-FL/default.aspx

Generation Unit Summary – By Month	FORFBP Jan-21	FORFBP Feb-21	FORFBP Mar-21	FORFBP Apr-21	FORFBP May-21	FORFBP Jun-21	FORFBP Jul-21	FORFBP Aug-21	FORFBP Sep-21	FORFBP Oct-21	FORFBP Nov-21	FORFBP Dec-21	FORFBP Jan-22	FORFBP Feb-22	FORFBP Mar-22	FORFBP Apr-22	FORFBP May-22	FORFBP Jun-22	FORFBP Jul-22	FORFBP Aug-22	FORFBP Sep-22	FORFBP Oct-22	FORFBP Nov-22	FORFBP Dec-22	FORFBP Jan-23	FORFBP Feb-23	FORFBP Mar-23	FORFBP Apr-23	FORFBP May-23	FORFBP Jun-23	FORFBP Jul-23	FORFBP Aug-23	FORFBP Sep-23	FORFBP Oct-23	FORFBP Nov-23	FORFBP Dec-23
Combined Cycle Units																																			
Hines	6,167,505	6,209,896	5,982,632	6,235,355	6,896,841	8,858,611	9,249,511	9,270,100	8,942,434	8,462,243	7,059,756	7,629,494	7,352,181	6,574,560	6,784,892	6,314,245	8,465,524	8,777,032	9,330,047	9,398,957	8,898,913	6,728,757	6,025,280	7,630,562	7,313,621	6,289,411	6,497,111	7,031,454	8,753,647	8,915,204	9,326,928	9,302,391	8,983,314	6,989,211	6,415,951	7,570,723
Tiger Bay	249,614	179,290	685,076	369,253	894,429	831,689	851,229	872,703	770,904	423,522	494,919	201,198	370,055	182,106	569,966	686,892	368,213	918,035	902,462	970,893	835,179	734,004	395,623	241,812	337,766	224,671	0	415,950	696,775	876,492	919,931	898,441	883,747	640,664	495,034	345,616
Anclote	558,394	564,689	415,689	768,571	1,416,795	2,064,976	2,675,680	2,551,319	2,241,410	875,359	595,422	116,213	449,423	277,611	535,471	1,359,415	1,832,587	1,757,536	1,718,054	1,773,257	1,607,119	1,138,587	846,302	118,120	355,583	244,223	1,397,800	595,809	313,918	1,247,797	1,857,323	1,807,923	1,688,894	1,120,846	571,213	85,648
Suwannee Steam																																			
University of Florida	310,974	278,039	251,201	201,094	295,865	297,862	293,921	298,667	287,895	160,610	286,939	313,006	319,005	283,038	238,451	205,307	293,921	288,818	296,788	294,845	281,205	166,410	286,906	312,007	312,007	277,007	231,469	216,113	297,744	286,906	295,865	292,566	288,818	167,365	289,773	310,007
Citrus County	8,029,873	7,682,521	4,835,395	6,974,738	7,145,694	7,429,041	7,576,761	7,374,645	7,359,579	7,118,063	4,356,715	7,874,364	7,772,678	6,781,964	4,457,116	7,045,273	7,464,692	7,307,084	7,605,435	7,484,865	7,324,886	6,969,873	4,908,350	7,874,961	7,605,542	7,111,097	7,030,032	5,866,338	5,785,736	7,464,498	7,589,251	7,606,901	7,394,127	7,483,339	4,504,523	7,652,694
Gen.Jct.CC																																			
Osprey	327,984	302,089	1,561,339	776,216	493,130	1,423,745	1,568,172	1,562,355	1,365,139	930,536	1,172,095	381,670	410,279	445,412	1,365,679	186,244	679,307	1,370,647	1,696,162	1,588,253	1,483,950	1,352,522	1,124,302	378,590	414,593	369,048	0	1,016,238	1,194,335	1,425,339	1,633,923	1,549,290	1,385,166	1,126,108	1,216,712	397,570
Bartow	4,639,265	3,732,070	4,063,923	4,333,937	5,154,223	5,128,356	5,432,963	5,327,155	5,133,562	4,750,454	4,467,630	4,462,964	3,900,118	3,737,714	4,247,258	4,392,978	4,877,207	5,164,966	5,233,815	5,287,163	4,970,060	5,018,980	4,728,482	4,278,737	4,696,280	3,688,292	4,058,792	4,210,656	5,065,672	5,030,916	5,270,224	5,389,282	4,903,361	4,671,190	4,640,492	4,358,006
Total	20,479,809	18,948,594	17,795,164	19,679,165	22,396,977	26,010,461	27,648,297	27,257,244	26,100,922	22,720,899	18,433,436	21,006,299	20,573,740	18,282,406	18,208,777	20,190,153	23,980,761	25,524,118	26,772,783	26,798,264	25,380,309	22,109,132	18,315,245	20,812,779	20,435,393	18,203,748	19,218,204	19,384,556	22,055,827	25,347,152	26,892,445	26,837,173	25,527,417	22,218,723	18,126,265	20,620,255

Combustion Turbine Units	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23
Avon Park																																			
Barlow																																			
Debary	26,856	27,843	76,612	163,066	210,006	186,523	185,520	154,281	151,326	26,485	32,192	42,690	48,748	46,583	94,363	154,680	176,597	156,443	216,352	178,726	174,684	127,936	37,838	60,499	51,535	57,439	157,291	102,409	155,627	180,260	195,305	155,972	154,287	88,959	54,722	59,038
Higgins	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Intercession City	33,778	29,100	48,721	130,230	214,717	169,006	177,730	163,137	134,685	65,969	42,146	17,782	54,811	35,695	57,696	98,987	170,318	163,256	207,723	173,236	170,620	115,549	53,841	55,696	53,548	41,638	155,143	83,935	142,198	162,979	200,809	139,214	149,048	118,712	53,554	63,120
Gen 1&2MW CT																																			
Vandolah	37,289	28,389	49,464	293,464	373,678	259,404	254,563	299,071	215,133	118,433	74,193	68,777	46,076	43,808	67,526	255,002	321,694	382,355	617,021	463,570	368,976	268,671	97,435	124,425	39,712	35,293	188,558	215,460	284,218	299,622	536,279	391,044	265,706	213,374	81,338	67,035
Shady Hills	24,352	17,935	19,945	212,412	312,501	206,460	405,563	413,860	125,196	44,979	57,876	3,453	13,782	19,877	2,568	17,975	35,698	56,041	53,104	63,280	37,121	7,937	7,027	13,258	8,838	9,969	11,377	19,987	25,246	52,905	23,983	5,786	9,958	5,961	4,290	9,998
Suwannee	37,671	46,958	27,297	42,578	49,317	39,221	42,534	39,266	42,467	20,886	27,256	64,150	48,766	67,418	40,790	47,228	37,706	37,732	46,293	46,565	36,354	20,130	30,641	77,046	59,035	73,417	28,804	20,488	36,191	38,153	45,808	41,546	35,170	26,953	31,969	78,773
Total	159,946	150,125	222,040	841,751	1,160,218	860,623	1,065,931	1,069,639	668,805	276,752	233,662	196,852	212,182	213,581	262,947	573,871	741,703	795,907	1,140,494	925,376	787,755	540,103	216,182	330,925	212,658	217,756	541,173	442,279	643,481	702,918	1,002,184	733,562	614,080	453,958	225,773	277,954

Total Units	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23
Total	20,639,754	19,098,720	18,017,204	20,520,916	23,557,195	26,870,084	28,714,228	28,326,883	26,769,727	22,997,651	18,667,098	21,203,151	20,785,923	18,495,987	18,471,725	20,765,025	24,722,464	26,319,725	27,913,288	27,723,640	26,178,064	22,649,235	18,531,427	21,143,704	20,648,050	18,421,504	19,756,377	19,826,836	22,699,308	25,950,071	27,894,628	27,570,735	26,141,496	22,672,681	18,352,037	20,898,209
Baseload	20,429,808	18,948,595	17,795,164	19,679,165	22,396,977	26,010,461	27,648,297	27,257,244	26,100,922	22,720,899	18,433,436	21,006,299	20,573,740	18,282,406	18,208,777	20,190,153	23,980,761	25,524,118	26,772,783	26,798,264	25,380,309	22,109,132	18,315,245	20,812,779	20,435,393	18,203,748	19,218,204	19,384,556	22,055,827	25,347,152	26,892,445	26,837,173	25,527,417	22,218,723	18,126,265	20,620,255
check total	20,589,754 0	18,498,720 0	18,017,204 0	20,520,915 0	23,447,195 0	26,870,084 0	28,714,228 0	28,326,883 0	26,769,727 0	22,997,641 0	18,667,098 0	21,203,151 0	20,785,923 0	18,495,987 0	18,471,725 0	20,765,025 0	24,722,464 0	26,319,725 0	27,913,288 0	27,723,640 0	26,178,064 0	22,649,235 0	18,531,427 0	21,143,704 0	20,648,050 0	18,421,504 0	19,756,377 0	19,826,836 0	22,699,308 0	25,950,071 0	27,894,628 0	27,570,735 0	26,141,496 0	22,672,681 0	18,352,037 0	20,898,209 0
Conversion to Day																																			
CC Dav	31	28	31	30	31	30	31	31	30	31	30	31	31	28	31	30	31	30	31	31	30	31	30	31	31	28	31	30	31	30	31	31	30	31	30	31
CT Day	31	28	31	30	31	30	31	31	30	31	30	31	31	28	31	30	31	30	31	31	30	31	30	31	31	28	31	30	31	30	31	31	30	31	30	31
Intercession/Vandolah Davs	31	28	31	30	31	30	31	31	30	31	30	31	31	28	31	30	31	30	31	31	30	31	30	31	31	28	31	30	31	30	31	31	30	31	30	31

Total CC OT	20,429,808	18,948,595	17,795,164	19,679,165	22,396,977	26,010,461	27,648,297	27,257,244	26,100,922	22,720,899	18,433,436	21,006,299	20,573,740	18,282,406	18,208,777	20,190,153	23,980,761	25,524,118	26,772,783	26,798,264	25,380,309	22,109,132	18,315,245	20,812,779	20,435,393	18,203,748	19,218,204	19,384,556	22,055,827	25,347,152	26,892,445	26,837,173	25,527,417	22,218,723	18,126,265	20,620,255
Total CT OT	88,879	92,635	123,854	418,057	571,823	432,204	633,698	607,431	318,987	92,350	117,322	110,293	111,295	113,879	137,722	219,882	249,690	250,217	315,750	288,571	248,159	155,883	74,906	150,804	119,398	140,825	187,472	142,884	217,064	271,318	265,096	203,304	199,326	121,873	90,881	147,799
Total tCr/vandolah	71,667	57,488	68,186	423,664	588,395	444,649	432,264	438,708	349,618	184,403	116,340	66,558	109,886	79,702	125,226	263,989	402,012	545,360	634,764	636,935	539,596	384,220	141,276	180,121	93,260	76,921	340,701	299,395	426,416	431,600	727,088	530,258	414,754	332,986	134,861	130,155
Total DT	20,589,754	18,498,720	18,017,204	20,520,915	23,447,195	26,870,084	28,714,228	28,326,883	26,769,727	22,997,641	18,667,098	21,203,151	20,785,923	18,495,987	18,471,725	20,765,025	24,722,464	26,319,725	27,913,288	27,723,640	26,178,064	22,649,235	18,531,427	21,143,704	20,648,050	18,421,504	19,756,377	19,826,836	22,699,308	25,950,071	27,894,628	27,570,735	26,141,496	22,672,681	18,352,037	20,898,209
Check	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CC Daily Burns	659,026	655,307	574,038	655,972	718,935	867,182	891,881	879,266	870,031	732,932	614,448	677,687	663,669	652,943	587,380	673,038	773,573	850,804	863,638	864,460	846,344	713,198	610,508	671,380	659,206	650,134	619,845	646,152	711,478	841,572	867,498	885,715	850,914	716,733	604,209	665,170
CT Daily Burns	2,867	3,308	3,995	13,935	18,446	14,407	20,440	19,595	10,633	2,979	3,911	3,558	3,590	4,781	4,443	7,329	8,055	8,341	10,185	9,309	8,272	5,028	2,497	4,865	3,052	5,029	6,370	4,763	7,002	9,044	8,551	6,558	6,644	3,931	3,029	4,788
Total tCr/Shady Hills Daily Burns	2,292	2,053	3,167	14,123	18,980	14,947	13,945	14,610	11,601	5,948	3,878	2,792	3,254	2,847	4,641	11,800	15,671	18,180	26,605	20,542	17,987	12,394	4,759	5,810	3,008	2,748	11,987	9,980	13,755	14,387	23,777	17,105	13,625	10,712	4,496	4,199
Total Daily Burns	**664,186**	**660,669**	**581,200**	**684,031**	**756,361**	**896,536**	**926,265**	**913,770**	**882,324**	**741,859**	**622,237**	**684,037**	**670,514**	**660,571**	**595,862**	**692,167**	**797,499**	**877,324**	**900,429**	**894,311**	**872,602**	**730,620**	**617,714**	**682,055**	**666,066**	**657,911**	**637,392**	**660,895**	**732,236**	**865,002**	**899,827**	**889,379**	**871,383**	**731,377**	**611,735**	**674,136**
Capacity - includes FGT/GDNG	979,908	979,908	977,423	994,637	1,084,809	1,084,807	1,084,822	1,084,857	1,085,249	997,454	980,095	980,275	979,908	979,908	977,423	994,637	1,084,809	1,084,807	1,084,822	1,084,857	1,085,249	997,454	980,095	980,275	979,908	979,908	977,423	994,637	1,084,809	1,084,807	1,084,822	1,084,857	1,085,249	997,454	980,095	980,275
Lunar / Inherit capacity	**315,722**	**319,299**	**306,223**	**310,604**	**328,448**	**189,271**	**158,557**	**171,087**	**182,923**	**255,595**	**357,838**	**296,238**	**309,394**	**323,357**	**381,561**	**302,475**	**287,310**	**207,403**	**184,393**	**190,546**	**212,647**	**264,834**	**362,351**	**298,226**	**313,842**	**328,997**	**340,121**	**333,742**	**352,573**	**219,805**	**184,995**	**195,478**	**213,866**	**256,077**	**368,339**	**306,139**
Supply Under Contract	393,999	393,999	393,999	393,999	444,377	444,377	444,377	444,377	444,377	393,999	369,374	369,374	369,374	369,374	369,374	369,374	369,374	324,811	375,189	375,189	375,189	375,189	324,811	98,803	98,803	98,803	98,803	98,803	98,803	149,191	149,181	149,191	149,191	98,803	50,378	50,378
Position	(270,187)	(266,670)	(187,203)	(230,023)	(311,994)	(452,159)	(481,680)	(469,393)	(447,947)	(347,641)	(252,863)	(314,863)	(301,140)	(291,187)	(226,468)	(367,357)	(422,318)	(502,135)	(525,240)	(519,123)	(497,413)	(405,618)	(518,911)	(583,252)	(567,263)	(559,088)	(538,488)	(562,093)	(580,854)	(715,621)	(779,649)	(746,197)	(722,202)	(632,574)	(561,556)	(623,758)

	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22
Pipeline Capacity - FGT/GDNG/Sabal	979,908	979,908	977,423	994,637	1,084,809	1,084,807	1,084,822	1,084,857	1,085,249	997,454	980,095	980,275	979,908	979,908	977,423	994,637	1,084,809	1,084,807	1,084,822	1,084,857	1,085,249	997,454	980,095	980,275
Current Term Supply	393,999	393,999	393,999	393,999	444,377	444,377	444,377	444,377	444,377	393,999	369,374	369,374	369,374	369,374	369,374	369,374	369,374	324,811	375,189	375,189	375,189	375,189	324,811	98,803
Daily Burns	664,186	660,669	581,200	684,031	756,361	896,536	926,265	913,770	882,324	741,859	622,237	684,037	670,514	660,571	595,862	692,167	797,499	877,324	900,429	894,311	872,602	730,620	617,714	682,055
Proposed Supply	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Proposed Purchase	393,999 (270,187)	393,999 (266,670)	393,999 (187,203)	393,999 (230,023)	444,377 (311,994)	444,377 (452,159)	444,377 (481,680)	444,377 (469,393)	444,377 (447,947)	393,999 (347,641)	369,374 (252,863)	369,374 (314,863)	369,374 (301,140)	369,374 (291,187)	369,374 (226,468)	324,811 (367,357)	375,189 (422,318)	375,189 (502,135)	375,189 (525,240)	375,189 (519,123)	375,189 (497,413)	324,811 (405,618)	98,803 (518,911)	98,803 (583,252)
Procurment Tenants	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Procurment Tenants	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

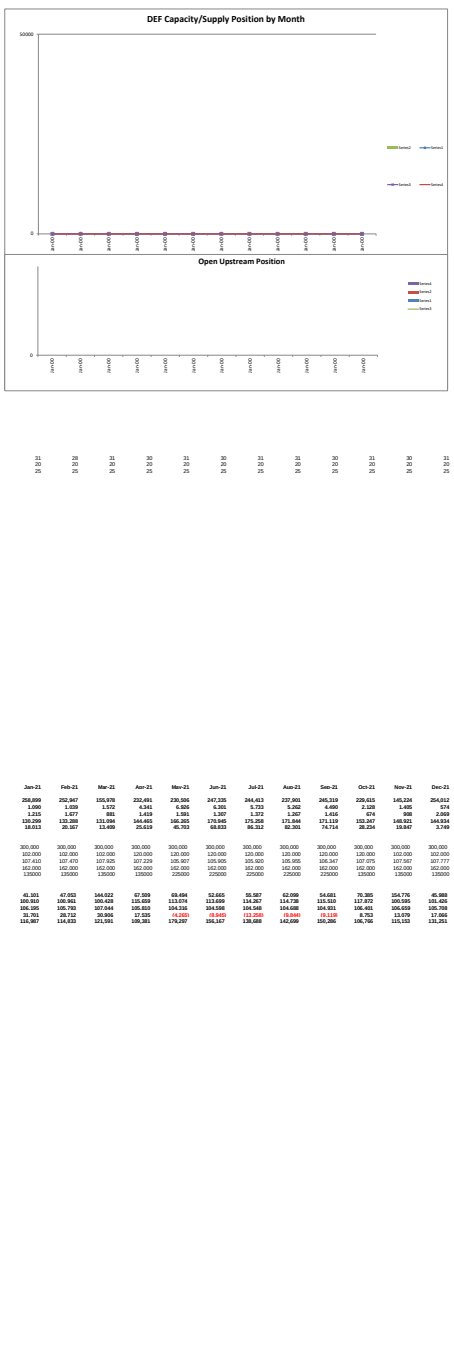
	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22
Monthly Burns	20,589,754	18,498,720	18,017,204	20,520,915	23,447,195	26,886,084	28,714,228	28,326,883	26,769,727	22,997,641	18,667,098	21,206,151	20,785,923	18,495,987	18,471,725	20,765,025	24,722,464	26,319,725	27,913,288	27,723,640	26,178,064	22,649,235	18,531,427	21,143,704
Current Supply	12,213,961	11,031,985	12,213,961	11,819,962	13,775,686	13,331,309	13,775,686	13,775,686	13,331,309	12,213,961	11,081,212	11,450,586	11,450,586	10,342,465	11,450,586	9,744,322	11,630,858	11,255,669	11,630,858	11,630,858	11,255,669	10,069,133	2,964,097	3,062,900
Proposed Supply	12,213,961	11,031,985	12,213,961	11,819,962	13,775,686	13,331,309	13,775,686	13,775,686	13,331,309	12,213,961	11,081,212	11,450,586	11,450,586	10,342,465	11,450,586	9,744,322	11,630,858	11,255,669	11,630,858	11,630,858	11,255,669	10,069,133	2,964,097	3,062,900

	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22
Open SESH	178,046	178,046	178,046	203,046	203,046	203,046	203,046	203,046	203,046	203,046	203,046	178,046	178,046	178,046	178,046	203,046	203,046	203,046	203,046	203,046	203,046	203,046	203,046	203,046
Open Transco MB South	187,877	187,877	187,877	187,877	187,877	187,877	187,877	187,877	187,877	187,877	187,877	187,877	187,877	187,877	187,877	207,877	207,877	207,877	207,877	207,877	207,877	207,877	207,877	257,877
Open Sabal	205,881	205,881	205,881	205,881	205,881	205,881	205,881	205,881	205,881	205,881	205,881	205,881	205,881	205,881	205,881	205,881	205,881	205,881	205,881	205,881	205,881	205,881	205,881	310,881
Total Open	571,803	571,803	571,803	596,803	596,803	596,803	596,803	596,803	596,803	596,803	596,803	596,803	571,803	571,803	571,803	616,803	616,803	616,803	616,803	616,803	616,803	616,803	771,803	771,803

SESH
SESH
Transco 4A
Transco 4A
Transco 4
FGT 2122

FGT Markham Gulf Shore
FGT Sabine Pass
NGPL Vermilion
ANR St Landry
Col Gulf Lafayette

sesh ooen
transco ooen



DEF 2016 RFP, w/September FBR

Term	Current Procurement %	Proposed Procurement %	Target Procurement % - lower	Target Procurement % - upper
November 16 - October 17	#REF!	#REF!	75%	#REF!
November 17 - October 18	#REF!	#REF!	50%	75%
November 18 - October 19	#REF!	#REF!	25%	50%

Packages	Supply PT	Volume
November 17 - Oct 19	SESH	
April 19 - Oct 19	SESH	
April 17 - Oct 19	Transco 2AA	
November 17 - Oct 19	Transco 2AA	
November 17 - Oct 19	Transco 24	
April 19 - Oct 19	FGT21/22	

	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22
CC Dav	31	28	31	30	31	30	31	31	30	31	30	31	31	28	31	30	31	30	31	31	30	31	30	31
CT Day	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
Intercession/Vandolah Davs	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25

Burns	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23
CR	258,899	252,947	155,978	232,491	230,596	247,335	244,413	237,901	245,319	229,615	145,234	254,012	250,732	242,213	143,778	234,942	240,774	245,569	245,337	241,448	244,163	224,835	163,612	254,031	245,340	253,968	226,775	196,611	185,991	248,617	244,762	245,384	246,471	241,721	150,151	246,861
IC	1,090	1,039	1,572	4,341	6,926	6,391	5,733	5,262	6,490	2,126	1,495	574	1,768	1,282	1,861	3,309	5,494	5,441	6,701	5,588	5,687	3,727	1,795	1,797	1,727	1,487	5,905	2,798	4,587	5,433	6,478	6,461	4,968	3,829	1,785	2,836
Suwannee	1,215	1,077	881	1,419	1,591	1,397	1,372	1,267	1,416	674	988	2,069	1,573	2,498	1,316	1,574	1,206	1,258	1,493	1,502	1,212	649	1,661	2,485	1,904	2,622	929	683	1,167	1,272	1,478	1,340	1,172	869	1,062	2,541
Bartow	130,399	135,288	131,094	144,465	166,365	170,546	175,358	171,846	171,119	153,247	148,921	144,914	125,810	133,490	137,607	146,466	157,329	170,166	168,510	170,914	165,669	161,903	157,616	137,959	132,138	131,725	130,929	140,355	163,344	167,697	179,667	173,847	163,445	150,684	154,782	149,591
anclote	18,013	20,167	13,489	25,619	45,703	68,833	86,312	82,301	74,714	28,234	19,847	3,749	14,498	9,915	17,273	45,314	59,116	58,585	55,421	57,202	53,571	36,729	28,210	3,810	11,470	8,722	45,690	19,860	10,126	41,593	59,914	58,320	56,296	36,156	19,940	2,763

Capacity	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23
CR	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300

CONFIDENTIAL

DEF GAS TRANSPORTATION SCHEDULES

updated 8/28/19

FT CAPACITY (MMBTU/DAY)

FT DEMAND RATES ($/MMBTU)

Non Executed - Subject to Chance Estimates

	FGT FTS-1	FGT FTS-2	FGT FTS-3	FGT FTS-4	PGS	Compass Expansion SNG Cypress Elba Liq	EGT FTS - 3 Phase VII	Citrus Bundled Term	FGT Total FT	GulfSt Mainline	GulfSt Short Term Re	Reliant Short Term Re	GulfSt FTS Bartow	GulfSt FTS Hines	GulfSt FTS Bartow	GulfSt FTS Cypress	GulfSt FTS Storage	Reliant Storage	GulfSt FTS Storage	Bay Gas Storage	Bay Gas Storage	8400097 Transmis 8600	Transmis Mobil Bay South	Sabal Trail	Destin South	Sabal Trail
Jan-19	61,849	46,059	75,000	30,000		50,378	50,000	262,938	######				######	35,000	7,000	68,000	500,000	500,000	1,000,000	200,000	257,000	300,000					
Feb-19	61,909	46,059	75,000	30,000		50,378	50,000	262,988	######				######	35,000	7,000	68,000	500,000	500,000	1,000,000	200,000	257,000	300,000					
Mar-19	61,795	43,628	75,000	30,000		50,378	50,000	260,423	######				######	35,000	7,000	68,000	500,000	500,000	1,000,000	200,000	257,000	300,000					
Apr-19	59,131	45,506	75,000	30,000		50,378	50,000	259,637	######				######	35,000	7,000	68,000	500,000	500,000	1,000,000	200,000	257,000	300,000					
May-19	50,303	94,506	75,000	30,000		100,756	100,000	349,837	######				######	35,000	7,000	68,000	750,000	500,000	1,000,000	200,000	257,000	300,000					
Jun-19	50,301	94,506	75,000	30,000		100,756	100,000	349,837	######				######	35,000	7,000	68,000	750,000	500,000	1,000,000	200,000	257,000	300,000					
Jul-19	50,316	94,506	75,000	30,000		100,756	100,000	349,822	######				######	35,000	7,000	68,000	750,000	500,000	1,000,000	200,000	257,000	300,000					
Aug-19	50,351	94,506	75,000	30,000		100,756	100,000	349,857	######				######	35,000	7,000	68,000	750,000	500,000	1,000,000	200,000	257,000	300,000					
Sep-19	50,743	94,506	75,000	30,000		100,756	100,000	350,249	######				######	35,000	7,000	68,000	750,000	500,000	1,000,000	200,000	257,000	300,000					
Oct-19	50,050	57,404	75,000	30,000		50,378	50,000	262,454	######				######	35,000	7,000	68,000	750,000	500,000	1,000,000	200,000	257,000	300,000					
Nov-19	62,006	46,059	75,000	30,000		50,378	50,000	263,065	######				######	35,000	7,000	68,000	750,000	500,000	1,000,000	200,000	257,000	300,000					
Dec-19	62,216	46,059	75,000	30,000		50,378	50,000	263,275	######				######	35,000	7,000	68,000	750,000	500,000	1,000,000	200,000	257,000	300,000					
Jan-20	61,849	46,059	75,000	30,000		50,378	50,000	262,938	######				######	35,000	7,000	68,000	500,000	500,000	1,000,000	200,000	257,000	300,000					
Feb-20	61,909	46,059	75,000	30,000		50,378	50,000	262,988	######				######	35,000	7,000	68,000	500,000	500,000	1,000,000	200,000	257,000	300,000					
Mar-20	61,795	43,628	75,000	30,000		50,378	50,000	260,423	######				######	35,000	7,000	68,000	500,000	500,000	1,000,000	200,000	257,000	300,000					
Apr-20	59,131	45,506	75,000	30,000		50,378	50,000	259,637	######				######	35,000	7,000	68,000	500,000	500,000	1,000,000	200,000	257,000	300,000					
May-20	50,303	94,506	75,000	30,000		100,756	100,000	349,837	######				######	35,000	7,000	68,000	750,000	500,000	1,000,000	200,000	257,000	300,000					
Jun-20	50,301	94,506	75,000	30,000		100,756	100,000	349,837	######				######	35,000	7,000	68,000	750,000	500,000	1,000,000	200,000	257,000	300,000					
Jul-20	50,316	94,506	75,000	30,000		100,756	100,000	349,822	######				######	35,000	7,000	68,000	750,000	500,000	1,000,000	200,000	257,000	300,000					
Aug-20	50,351	94,506	75,000	30,000		100,756	100,000	349,857	######				######	35,000	7,000	68,000	750,000	500,000	1,000,000	200,000	257,000	300,000					
Sep-20	50,743	94,506	75,000	30,000		100,756	100,000	350,249	######				######	35,000	7,000	68,000	750,000	500,000	1,000,000	200,000	257,000	300,000					
Oct-20	50,050	57,404	75,000	30,000		50,378	50,000	262,454	######				######	35,000	7,000	68,000	750,000	500,000	1,000,000	200,000	257,000	300,000					
Nov-20	62,006	46,059	75,000	30,000		50,378	50,000	263,065	######				######	35,000	7,000	68,000	750,000	500,000	1,000,000	200,000	257,000	300,000					
Dec-20	62,216	46,059	75,000	30,000		50,378	50,000	263,275	######				######	35,000	7,000	68,000	750,000	500,000	1,000,000	200,000	257,000	300,000					
Jan-21	61,849	46,059	75,000	30,000		50,378	50,000	262,938	######				######	35,000	7,000	68,000				200,000	257,000	300,000					
Feb-21	61,909	46,059	75,000	30,000		50,378	50,000	262,988	######				######	35,000	7,000	68,000				200,000	257,000	300,000					
Mar-21	61,795	43,628	75,000	30,000		50,378	50,000	260,423	######				######	35,000	7,000	68,000				200,000	257,000	300,000					
Apr-21	59,131	45,506	75,000	30,000		50,378	50,000	259,637	######				######	35,000	7,000	68,000				200,000	257,000	300,000					
May-21	50,303	94,506	75,000	30,000		100,756	100,000	349,837	######				######	35,000	7,000	68,000				200,000	257,000	300,000					
Jun-21	50,301	94,506	75,000	30,000		100,756	100,000	349,837	######				######	35,000	7,000	68,000				200,000	257,000	300,000					
Jul-21	50,316	94,506	75,000	30,000		100,756	100,000	349,822	######				######	35,000	7,000	68,000				200,000	257,000	300,000					
Aug-21	50,351	94,506	75,000	30,000		100,756	100,000	349,857	######				######	35,000	7,000	68,000				200,000	257,000	300,000					
Sep-21	50,743	94,506	75,000	30,000		100,756	100,000	350,249	######				######	35,000	7,000	68,000				200,000	257,000	300,000					
Oct-21	50,050	57,404	75,000	30,000		50,378	50,000	262,454	######				######	35,000	7,000	68,000				200,000	257,000	300,000					
Nov-21	62,006	46,059	75,000	30,000		50,378	50,000	263,065	######				######	35,000	7,000	68,000				200,000	257,000	300,000					
Dec-21	62,216	46,059	75,000	30,000		50,378	50,000	263,275	######				######	35,000	7,000	68,000				200,000	257,000	300,000					
Jan-22	61,849	46,059	75,000	30,000		50,378	50,000	262,938	######				######	35,000	7,000	68,000				200,000	257,000	300,000					
Feb-22	61,909	46,059	75,000	30,000		50,378	50,000	262,988	######				######	35,000	7,000	68,000				200,000	257,000	300,000					
Mar-22	61,795	43,628	75,000	30,000		50,378	50,000	260,423	######				######	35,000	7,000	68,000				200,000	257,000	300,000					
Apr-22	59,131	45,506	75,000	30,000		50,378	50,000	259,637	######				######	35,000	7,000	68,000				200,000	257,000	300,000					
May-22	50,303	94,506	75,000	30,000		100,756	100,000	349,837	######				######	35,000	7,000	68,000				200,000	257,000	300,000					
Jun-22	50,301	94,506	75,000	30,000		100,756	100,000	349,837	######				######	35,000	7,000	68,000				200,000	257,000	300,000					
Jul-22	50,316	94,506	75,000	30,000		100,756	100,000	349,822	######				######	35,000	7,000	68,000				200,000	257,000	300,000					
Aug-22	50,351	94,506	75,000	30,000		100,756	100,000	349,857	######				######	35,000	7,000	68,000				200,000	257,000	300,000					
Sep-22	50,743	94,506	75,000	30,000		100,756	100,000	350,249	######				######	35,000	7,000	68,000				200,000	257,000	300,000					
Oct-22	50,050	57,404	75,000	30,000		50,378	50,000	262,454	######				######	35,000	7,000	68,000				200,000	257,000	300,000					
Nov-22	62,006	46,059	75,000	30,000		50,378	50,000	263,065	######				######	35,000	7,000	68,000				200,000	257,000	300,000					
Dec-22	62,216	46,059	75,000	30,000		50,378	50,000	263,275	######				######	35,000	7,000	68,000				200,000	257,000	300,000					
Jan-23	61,849	46,059	75,000	30,000		50,378	50,000	262,938	######				######	35,000	7,000	68,000				200,000	257,000	300,000					
Feb-23	61,909	46,059	75,000	30,000		50,378	50,000	262,988	######				######	35,000	7,000	68,000				200,000	257,000	300,000					
Mar-23	61,795	43,628	75,000	30,000		50,378	50,000	260,423	######				######	35,000	7,000	68,000				200,000	257,000	300,000					
Apr-23	59,131	45,506	75,000	30,000		50,378	50,000	259,637	######				######	35,000	7,000	68,000				200,000	257,000	300,000					
May-23	50,303	94,506	75,000	30,000		100,756	100,000	349,837	######				######	35,000	7,000	68,000				200,000	257,000	300,000					
Jun-23	50,301	94,506	75,000	30,000		100,756	100,000	349,837	######				######	35,000	7,000	68,000				200,000	257,000	300,000					
Jul-23	50,316	94,506	75,000	30,000		100,756	100,000	349,822	######				######	35,000	7,000	68,000				200,000	257,000	300,000					
Aug-23	50,351	94,506	75,000	30,000		100,756	100,000	349,857	######				######	35,000	7,000	68,000				200,000	257,000	300,000					
Sep-23	50,743	94,506	75,000	30,000		100,756	100,000	350,249	######				######	35,000	7,000	68,000				200,000	257,000	300,000					
Oct-23	50,050	57,404	75,000	30,000		50,378	50,000	262,454	######				######	35,000	7,000	68,000				200,000	257,000	300,000					
Nov-23	62,006	46,059	75,000	30,000		50,378	50,000	263,065	######				######	35,000	7,000	68,000				200,000	257,000	300,000					
Dec-23	62,216	46,059	75,000	30,000		50,378	50,000	263,275	######				######	35,000	7,000	68,000				200,000	257,000	300,000					
Jan-24	61,849	46,059	75,000	30,000		50,378	50,000	262,938	######				######	35,000	7,000	68,000				200,000	257,000	300,000					
Feb-24	61,909	46,059	75,000	30,000		50,378	50,000	262,988	######				######	35,000	7,000	68,000				200,000	257,000	300,000					
Mar-24	61,795	43,628	75,000	30,000		50,378	50,000	260,423	######				######	35,000	7,000	68,000				200,000	257,000	300,000					
Apr-24	59,131	45,506	75,000	30,000		50,378	50,000	259,637	######				######	35,000	7,000	68,000				200,000	257,000	300,000					
May-24	50,303	94,506	75,000	30,000		100,756	100,000	349,837	######				######	35,000	7,000	68,000				200,000	257,000	300,000					
Jun-24	50,301	94,506	75,000	30,000		100,756	100,000	349,837	######				######	35,000	7,000	68,000				200,000	257,000	300,000					
Jul-24	50,316	94,506	75,000	30,000		100,756	100,000	349,822	######				######	35,000	7,000	68,000				200,000	257,000	300,000					
Aug-24	50,351	94,506	75,000	30,000		100,756	100,000	349,857	######				######	35,000	7,000	68,000				200,000	257,000	300,000					
Sep-24	50,743	94,506	75,000	30,000		100,756	100,000	350,249	######				######	35,000	7,000	68,000				200,000	257,000	300,000					
Oct-24	50,050	57,404	75,000	30,000		50,378	50,000	262,454	######				######	35,000	7,000	68,000				200,000	257,000	300,000					
Nov-24	62,006	46,059	75,000	30,000		50,378	50,000	263,065	######				######	35,000	7,000	68,000				200,000	257,000	300,000					
Dec-24	62,216	46,059	75,000	30,000		50,378	50,000	263,275	######				######	35,000	7,000	68,000				200,000	257,000	300,000					
Jan-25	61,849	46,059	75,000	30,000		50,378	50,000	262,938	######				######	35,000	7,000	68,000				200,000	257,000	300,000					
Feb-25	61,909	46,059	75,000	30,000		50,378	50,000	262,988	######				######	35,000	7,000	68,000				200,000	257,000	300,000					
Mar-25	61,795	43,628	75,000	30,000		50,378	50,000	260,423	######				######	35,000	7,000	68,000				200,000	257,000	300,000					
Apr-25	59,131	45,506	75,000	30,000		50,378	50,000	259,637	######				######	35,000	7,000	68,000				200,000	257,000	300,000					
May-25	50,303	94,506	75,000	30,000		100,756	100,000	349,837	######				######	35,000	7,000	68,000				200,000	257,000	300,000					
Jun-25	50,301	94,506	75,000	30,000		100,756	100,000	349,837	######				######	35,000	7,000	68,000				200,000	257,000	300,000					
Jul-25	50,316	94,506	75,000	30,000		100,756	100,000	349,822	######				######	35,000	7,000	68,000				200,000	257,000	300,000					
Aug-25	50,351	94,506	75,000	30,000		100,756	100,000	349,857	######				######	35,000	7,000	68,000				200,000	257,000	300,000					
Sep-25	50,743	94,506	75,000	30,000		100,756	100,000	350,249	######				######	35,000	7,000	68,000				200,000	257,000	300,000					
Oct-25	50,050	57,404	75,000	30,000		50,378	50,000	262,454	######				######	35,000	7,000	68,000				200,000	257,000	300,000					
Nov-25	62,006	46,059	75,000	30,000		50,378	50,000	263,065	######				######	35,000	7,000	68,000				200,000	257,000	300,000					
Dec-25	62,216	46,059	75,000	30,000		50,378	50,000	263,275	######				######	35,000	7,000	68,000				200,000	257,000	300,000					
Jan-26	61,849	46,059	75,000	30,000		50,378	50,000	262,938	######				######	35,000	7,000	68,000				200,000	257,000	300,000					
Feb-26	61,909	46,059	75,000	30,000		50,378	50,000	262,988	######				######	35,000	7,000	68,000				200,000	257,000	300,000					
Mar-26	61,795	43,628	75,000	30,000		50,378	50,000	260,423	######				######	35,000	7,000	68,000				200,000	257,000	300,000					
Apr-26	59,131	45,506	75,000	30,000		50,378	50,000	259,637	######				######	35,000	7,000	68,000				200,000	257,000	300,000					
May-26	50,303	94,506	75,000	30,000		100,756	100,000	349,837	######				######	35,000	7,000	68,000				200,000	257,000	300,000					
Jun-26	50,301	94,506	75,000	30,000		100,756	100,000	349,837	######				######	35,000	7,000	68,000				200,000	257,000	300,000					
Jul-26	50,316	94,506	75,000	30,000		100,756	100,000	349,822	######				######	35,000	7,000	68,000				200,000	257,000	300,000					
Aug-26	50,351	94,506	75,000	30,000		100,756	100,000	349,857	######				######	35,000	7,000	68,000				200,000	257,000	300,000					
Sep-26	50,743	94,506	75,000	30,000		100,756	100,000	350,249	######				######	35,000	7,000	68,000				200,000	257,000	300,000					
Oct-26	50,050	57,404	75,000	30,000		50,378	50,000	262,454	######				######	35,000	7,000	68,000				200,000	257,000	300,000					
Nov-26	62,006	46,059	75,000	30,000		50,378	50,000	263,065	######				######	35,000	7,000	68,000				200,000	257,000	300,000					
Dec-26	62,216	46,059	75,000	30,000		50,378	50,000	263,275	######				######	35,000	7,000	68,000				200,000	257,000	300,000					
Jan-27	61,849	46,059	75,000	30,000		50,378	50,000	262,938	######				######	35,000	7,000	68,000				200,000	257,000	300,000					
Feb-27	61,909	46,059	75,000	30,000		50,378	50,000	262,988	######				######	35,000	7,000	68,000				200,000	257,000	300,000					
Mar-27	61,795	43,628	75,000	30,000		50,378	50,000	260,423	######				######	35,000	7,000	68,000				200,000	257,000	300,000					
Apr-27	59,131	45,506	75,000	30,000		50,378	50,000	259,637	######				######	35,000	7,000	68,000				200,000	257,000	300,000					
May-27	50,303	94,506	75,000	30,000		100,756	100,000	349,837	######				######	35,000	7,000	68,000				200,000	257,000	300,000					
Jun-27	50,301	94,506	75,000	30,000		100,756	100,000	349,837	######				######	35,000	7,000	68,000				200,000	257,000	300,000					
Jul-27	50,316	94,506	75,000	30,000		100,756	100,000	349,822	######				######	35,000	7,000	68,000				200,000	257,000	300,000					
Aug-27	50,351	94,506	75,000	30,000		100,756	100,000	349,857	######				######	35,000	7,000	68,000				200,000	257,000	300,000					
Sep-27	50,743	94,506	75,000	30,000		100,756	100,000	350,249	######				######	35,000	7,000	68,000				200,000	257,000	300,000					
Oct-27	50,050	57,404	75,000	30,000		50,378	50,000	262,454	######				######	35,000	7,000	68,000				200,000	257,000	300,000					
Nov-27	62,006	46,059	75,000	30,000		50,378	50,000	263,065	######				######	35,000	7,000	68,000				200,000	257,000	300,000					
Dec-27	62,216	46,059	75,000	30,000		50,378	50,000	263,275	######				######	35,000	7,000	68,000				200,000	257,000	300,000					
Jan-28	61,849	46,059	75,000	30,000		50,378	50,000	262,938	######				######	35,000	7,000	68,000				200,000	257,000	300,000					
Feb-28	61,909	46,059	75,000	30,000		50,378	50,000	262,988	######				######	35,000	7,000	68,000				200,000	257,000	300,000					
Mar-28	61,795	43,628	75,000	30,000		50,378	50,000	260,423	######				######	35,000	7,000	68,000				200,000	257,000	300,000					
Apr-28	59,131	45,506	75,000	30,000		50,378	50,000	259,637	######				######	35,000	7,000	68,000				200,000	257,000	300,000					
May-28	50,303	94,506	75,000	30,000		100,756	100,000	349,837	######				######	35,000	7,000	68,000				200,000	257,000	300,000					
Jun-28	50,301	94,506	75,000	30,000		100,756	100,000	349,837	######				######	35,000	7,000	68,000				200,000	257,000	300,000					
Jul-28	50,316	94,506	75,000	30,000		100,756	100,000	349,822	######				######	35,000	7,000	68,000				200,000	257,000	300,000					
Aug-28	50,351	94,506	75,000	30,000		100,756	100,000	349,857	######				######	35,000	7,000	68,000				200,000	257,000	300,000					
Sep-28	50,743	94,506	75,000	30,000		100,756	100,000	350,249	######				######	35,000	7,000	68,000				200,000	257,000	300,000					
Oct-28	50,050	57,404	75,000	30,000		50,378	50,000	262,454	######				######	35,000	7,000	68,000				200,000	257,000	300,000					
Nov-28	62,006	46,059	75,000	30,000		50,378	50,000	263,065	######				######	35,000	7,000	68,000				200,000	257,000	300,000					
Dec-28	62,216	46,059	75,000	30,000		50,378	50,000	263,275	######				######	35,000	7,000	68,000				200,000	257,000	300,000					

	FGT FTS-1	FGT FTS-2	FGT FTS-3	FGT FTS-4	PGS	Compass Exp SNG Cypress Elba Liq	EGT FTS - 3 Phase VII	Citrus Bundled Term	FGT Total FT	GulfSt Mainline	GulfSt Short Term Re	Reliant Short Term Re	GulfSt FTS Bartow	GulfSt FTS Hines	GulfSt FTS Bartow	GulfSt FTS Cypress	GulfSt FTS Storage	Reliant Storage	GulfSt FTS Storage	Bay Gas Storage	Bay Gas Storage	8400097 Transmis 8600	Transmis Mobil Bay South	Sabal Trail	Destin South	Sabal Trail
Jan-19	$0.2760	$0.1265	$1.4500			$6,173,636	$709,002		$1,705,000	$7,931,583	$0	$790,326	$7,672,964	$9,636,583	$13,485,000	$190,000										
Feb-19	$0.2760	$0.1265	$1.4500			$7,013,643	$6,870,884		$1,540,000	$7,164,010	$0	$7,067,910	$6,704,010	$12,180,000		$190,000										
Mar-19	$0.2760	$0.1265	$1.4500			$6,058,229	$709,002		$1,705,000	$7,931,583	$0	$1,096,471	$7,773,702	$9,636,583	$13,485,000	$190,000										
Apr-19	$0.2760	$0.1265	$1.4500			$5,855,897	$686,131		$1,650,000	$7,672,725	$0	$975,932	$7,517,959	$9,622,725	$13,050,000	$190,000										
May-19	$0.2760	$0.1265	$1.4500			$6,865,261	$1,096,583		$1,705,000	$8,238,483	$0	$1,008,463	$10,940,307	$9,443,483	$13,485,000	$210,000										
Jun-19	$0.2760	$0.1265	$1.4500			$6,643,789	$2,967,661		$1,650,000	$7,972,725	$0	$975,932	$10,587,362	$9,622,725	$13,050,000	$240,000										
Jul-19	$0.2760	$0.1265	$1.4500			$6,865,475	$1,096,583		$1,705,000	$8,238,483	$0	$1,008,463	$10,940,521	$9,443,483	$13,485,000	$240,000										
Aug-19	$0.2760	$0.1265	$1.4500			$6,866,052	$1,096,583		$1,705,000	$8,238,483	$0	$1,008,463	$10,941,098	$9,443,483	$13,485,000	$240,000										
Sep-19	$0.2760	$0.1265	$1.4500			$6,650,821	$2,967,661		$1,650,000	$7,972,725	$0	$975,932	$10,594,413	$9,622,725	$13,050,000	$240,000										
Oct-19	$0.2760	$0.1265	$1.4500			$6,134,418	$709,002		$1,705,000	$8,238,483	$0	$1,008,463	$7,851,882	$9,443,483	$13,485,000	$240,000										
Nov-19	$0.2760	$0.1265	$1.4500			$6,912,246	$686,131		$1,650,000	$7,675,725	$0	$975,932	$7,574,308	$9,325,725	$13,050,000	$240,000										
Dec-19	$0.2760	$0.1265	$1.4500			$6,112,783	$709,002		$1,705,000	$7,931,583	$0	$1,008,463	$7,830,247	$9,636,583	$13,485,000	$240,000										
						$75,068,734	$13,783,799		$20,075,000	$95,506,588	$0	$11,178,857	$107,445,896	$115,581,588	$159,775,000	$2,590,000										
Jan-20	$0.2760	$0.1265	$1.4500			$6,106,733	$709,002		$1,705,000	$7,931,583	$0	$1,008,463	$7,824,197	$9,636,583	$13,485,000	$210,000										
Feb-20	$0.2760	$0.1265	$1.4500			$5,713,675	$663,260		$1,595,000	$7,419,868	$0	$943,401	$7,320,335	$9,014,868	$12,615,000	$210,000										
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CONFIDENTIAL

DEF NATURAL GAS DISPATCH PRICES

Month	Year	Base HH Regular Supply Cost	Physical Basis FGT Z3	Base Cost Regular Supply Z3	Cypress MMBTU Variable Cost	Cypress Variable MMBTU Delivered Costs
Jan	2019	3.110	$ (0.046)	$ 3.064	$0.12	3.19
Feb	2019	2.690	$ (0.019)	$ 2.671	$0.12	2.79
Mar	2019	2.950	$ (0.003)	$ 2.947	$0.12	3.07
Apr	2019	2.650	$ (0.001)	$ 2.649	$0.12	2.77
May	2019	2.640	$ 0.005	$ 2.645	$0.12	2.76
Jun	2019	2.400	$ 0.037	$ 2.437	$0.12	2.55
Jul	2019	2.370	$ 0.048	$ 2.418	$0.12	2.53
Aug	2019	2.220	$ 0.056	$ 2.276	$0.11	2.39
Sep	2019	2.560	$ 0.016	$ 2.576	$0.12	2.69
Oct	2019	2.743	$ 0.010	$ 2.753	$0.12	2.87
Nov	2019	2.303	$ 0.012	$ 2.315	$0.11	2.43
Dec	2019	2.495	$ 0.023	$ 2.518	$0.12	2.63
Jan	2020	2.612	$ 0.035	$ 2.647	$0.12	2.77
Feb	2020	2.575	$ 0.024	$ 2.599	$0.12	2.72
Mar	2020	2.462	$ (0.020)	$ 2.442	$0.12	2.56
Apr	2020	2.247	$ (0.019)	$ 2.228	$0.11	2.34
May	2020	2.234	$ 0.005	$ 2.239	$0.11	2.35
Jun	2020	2.278	$ 0.026	$ 2.304	$0.11	2.42
Jul	2020	2.326	$ 0.048	$ 2.374	$0.11	2.49
Aug	2020	2.335	$ 0.055	$ 2.390	$0.11	2.50
Sep	2020	2.318	$ 0.012	$ 2.330	$0.11	2.44
Oct	2020	2.344	$ 0.016	$ 2.360	$0.11	2.47
Nov	2020	2.405	$ 0.025	$ 2.434	$0.12	2.55
Dec	2020	2.578	$ 0.034	$ 2.612	$0.12	2.73
Jan	2021	2.694	$ 0.038	$ 2.732	$0.12	2.85
Feb	2021	2.654	$ 0.033	$ 2.686	$0.12	2.80
Mar	2021	2.538	$ (0.015)	$ 2.523	$0.12	2.64
Apr	2021	2.293	$ (0.021)	$ 2.272	$0.11	2.39
May	2021	2.281	$ 0.005	$ 2.286	$0.11	2.40
Jun	2021	2.320	$ 0.025	$ 2.345	$0.11	2.46
Jul	2021	2.360	$ 0.047	$ 2.407	$0.12	2.52
Aug	2021	2.377	$ 0.058	$ 2.435	$0.12	2.55
Sep	2021	2.384	$ 0.011	$ 2.395	$0.11	2.51
Oct	2021	2.408	$ 0.018	$ 2.426	$0.12	2.54
Nov	2021	2.483	$ 0.027	$ 2.510	$0.12	2.63
Dec	2021	2.648	$ 0.038	$ 2.686	$0.12	2.80
Jan	2022	2.754	$ 0.041	$ 2.795	$0.12	2.92
Feb	2022	2.746	$ 0.036	$ 2.781	$0.12	2.90
Mar	2022	2.688	$ (0.013)	$ 2.675	$0.12	2.79
Apr	2022	2.562	$ (0.016)	$ 2.546	$0.12	2.66
May	2022	2.575	$ 0.007	$ 2.581	$0.12	2.70
Jun	2022	2.622	$ 0.034	$ 2.656	$0.12	2.77
Jul	2022	2.694	$ 0.059	$ 2.753	$0.12	2.87
Aug	2022	2.730	$ 0.066	$ 2.796	$0.12	2.92
Sep	2022	2.742	$ 0.021	$ 2.763	$0.12	2.88
Oct	2022	2.763	$ 0.024	$ 2.787	$0.12	2.91
Nov	2022	2.859	$ 0.034	$ 2.893	$0.12	3.01
Dec	2022	3.004	$ 0.044	$ 3.049	$0.12	3.17
Jan	2023	3.093	$ 0.052	$ 3.145	$0.12	3.27
Feb	2023	3.109	$ 0.047	$ 3.156	$0.12	3.28
Mar	2023	3.044	$ (0.003)	$ 3.042	$0.12	3.17
Apr	2023	2.964	$ (0.008)	$ 2.956	$0.12	3.08
May	2023	2.996	$ 0.016	$ 3.012	$0.12	3.13
Jun	2023	3.053	$ 0.042	$ 3.094	$0.12	3.22
Jul	2023	3.173	$ 0.068	$ 3.242	$0.13	3.37
Aug	2023	3.218	$ 0.076	$ 3.295	$0.13	3.42
Sep	2023	3.214	$ 0.029	$ 3.243	$0.13	3.37
Oct	2023	3.218	$ 0.030	$ 3.248	$0.13	3.37
Nov	2023	3.423	$ 0.037	$ 3.460	$0.13	3.59
Dec	2023	3.514	$ 0.053	$ 3.567	$0.13	3.70
Jan	2024	3.608	$ 0.058	$ 3.666	$0.13	3.80
Feb	2024	3.631	$ 0.050	$ 3.681	$0.13	3.81
Mar	2024	3.618	$ (0.002)	$ 3.616	$0.13	3.75
Apr	2024	3.592	$ (0.007)	$ 3.585	$0.13	3.72
May	2024	3.615	$ 0.017	$ 3.632	$0.13	3.76
Jun	2024	3.685	$ 0.046	$ 3.730	$0.13	3.86
Jul	2024	3.807	$ 0.077	$ 3.883	$0.13	4.02
Aug	2024	3.840	$ 0.077	$ 3.917	$0.13	4.05
Sep	2024	3.802	$ 0.047	$ 3.849	$0.13	3.98
Oct	2024	3.775	$ 0.040	$ 3.815	$0.13	3.95
Nov	2024	3.933	$ 0.044	$ 3.976	$0.14	4.11
Dec	2024	4.077	$ 0.056	$ 4.133	$0.14	4.27
Jan	2025	4.134	$ 0.061	$ 4.196	$0.14	4.33
Feb	2025	4.161	$ 0.055	$ 4.216	$0.14	4.35
Mar	2025	4.084	$ (0.001)	$ 4.083	$0.14	4.22
Apr	2025	4.024	$ (0.011)	$ 4.013	$0.14	4.15
May	2025	4.047	$ 0.016	$ 4.063	$0.14	4.20
Jun	2025	4.077	$ 0.054	$ 4.131	$0.14	4.27
Jul	2025	4.291	$ 0.078	$ 4.370	$0.14	4.51
Aug	2025	4.327	$ 0.078	$ 4.404	$0.14	4.55
Sep	2025	3.954	$ 0.045	$ 3.999	$0.14	4.13
Oct	2025	3.911	$ 0.035	$ 3.966	$0.14	4.10
Nov	2025	4.044	$ 0.036	$ 4.080	$0.14	4.22
Dec	2025	4.230	$ 0.051	$ 4.282	$0.14	4.42
Jan	2026	4.486	$ 0.057	$ 4.543	$0.14	4.69
Feb	2026	4.511	$ 0.053	$ 4.564	$0.14	4.71
Mar	2026	4.404	$ (0.003)	$ 4.401	$0.14	4.54
Apr	2026	4.329	$ (0.001)	$ 4.328	$0.14	4.47
May	2026	4.356	$ 0.022	$ 4.378	$0.14	4.52
Jun	2026	4.419	$ 0.053	$ 4.471	$0.14	4.61
Jul	2026	4.729	$ 0.077	$ 4.806	$0.15	4.95
Aug	2026	4.766	$ 0.078	$ 4.845	$0.15	4.99
Sep	2026	4.580	$ 0.041	$ 4.621	$0.14	4.76
Oct	2026	4.509	$ 0.034	$ 4.543	$0.14	4.69
Nov	2026	4.580	$ 0.042	$ 4.622	$0.14	4.77
Dec	2026	4.785	$ 0.054	$ 4.839	$0.15	4.99
Jan	2027	4.934	$ 0.062	$ 4.995	$0.15	5.14
Feb	2027	4.964	$ 0.057	$ 5.021	$0.15	5.17
Mar	2027	4.885	$ (0.002)	$ 4.883	$0.15	5.03
Apr	2027	4.712	$ (0.002)	$ 4.710	$0.15	4.86
May	2027	4.740	$ 0.021	$ 4.761	$0.15	4.91
Jun	2027	4.829	$ 0.051	$ 4.880	$0.15	5.03
Jul	2027	5.195	$ 0.079	$ 5.273	$0.15	5.43
Aug	2027	5.231	$ 0.082	$ 5.313	$0.15	5.47
Sep	2027	5.177	$ 0.043	$ 5.220	$0.15	5.37
Oct	2027	4.938	$ 0.038	$ 4.977	$0.15	5.13
Nov	2027	5.014	$ 0.043	$ 5.057	$0.15	5.21
Dec	2027	5.256	$ 0.054	$ 5.309	$0.15	5.46
Jan	2028	5.442	$ 0.063	$ 5.505	$0.16	5.66
Feb	2028	5.475	$ 0.047	$ 5.522	$0.16	5.68
Mar	2028	5.346	$ (0.002)	$ 5.344	$0.15	5.50
Apr	2028	5.311	$ (0.006)	$ 5.305	$0.15	5.46
May	2028	5.344	$ 0.024	$ 5.367	$0.15	5.52
Jun	2028	5.586	$ 0.059	$ 5.645	$0.16	5.80
Jul	2028	5.576	$ 0.091	$ 5.667	$0.16	5.82
Aug	2028	5.618	$ 0.089	$ 5.707	$0.16	5.87
Sep	2028	5.672	$ 0.048	$ 5.720	$0.16	5.88
Oct	2028	5.619	$ 0.044	$ 5.663	$0.16	5.82
Nov	2028	5.676	$ 0.046	$ 5.722	$0.16	5.88
Dec	2028	5.999	$ 0.054	$ 6.053	$0.16	6.22
Jan	2029	6.140	$ 0.075	$ 6.215	$0.16	6.38
Feb	2029	6.178	$ 0.068	$ 6.246	$0.17	6.41
Mar	2029	5.964	$ 0.002	$ 5.916	$0.16	6.08
Apr	2029	5.914	$ 0.002	$ 5.916	$0.16	6.08
May	2029	5.999	$ 0.027	$ 6.026	$0.16	6.19
Jun	2029	6.143	$ 0.082	$ 6.224	$0.16	6.39
Jul	2029	5.802	$ 0.091	$ 5.893	$0.16	6.05
Aug	2029	5.845	$ 0.098	$ 5.943	$0.16	6.10
Sep	2029	6.001	$ 0.053	$ 6.054	$0.16	6.22
Oct	2029	5.987	$ 0.040	$ 6.027	$0.16	6.19
Nov	2029	5.981	$ 0.063	$ 5.924	$0.16	6.09
Dec	2029	6.131	$ 0.062	$ 6.193	$0.16	6.36
Jan	2030	6.179	$ 0.075	$ 6.255	$0.17	6.42
Feb	2030	6.217	$ 0.069	$ 6.287	$0.17	6.45
Mar	2030	6.071	$ 0.004	$ 6.074	$0.16	6.24
Apr	2030	6.028	$ (0.008)	$ 6.020	$0.16	6.18
May	2030	6.064	$ 0.029	$ 6.093	$0.16	6.26
Jun	2030	6.163	$ 0.069	$ 6.232	$0.17	6.40
Jul	2030	6.600	$ 0.104	$ 6.704	$0.17	6.88
Aug	2030	6.649	$ 0.113	$ 6.761	$0.17	6.93
Sep	2030	6.551	$ 0.056	$ 6.607	$0.17	6.78
Oct	2030	6.255	$ 0.053	$ 6.307	$0.17	6.47
Nov	2030	6.140	$ 0.056	$ 6.196	$0.16	6.36
Dec	2030	6.439	$ 0.064	$ 6.503	$0.17	6.67
Jan	2031	6.574	$ 0.098	$ 6.672	$0.17	6.84
Feb	2031	6.615	$ 0.092	$ 6.708	$0.17	6.88
Mar	2031	6.485	$ 0.019	$ 6.504	$0.17	6.67
Apr	2031	6.431	$ 0.000	$ 6.431	$0.17	6.60
May	2031	6.470	$ 0.055	$ 6.525	$0.17	6.69
Jun	2031	6.558	$ 0.082	$ 6.640	$0.17	6.81
Jul	2031	7.001	$ 0.116	$ 7.117	$0.18	7.29
Aug	2031	7.070	$ 0.139	$ 7.210	$0.18	7.39
Sep	2031	6.940	$ 0.086	$ 7.026	$0.18	7.20
Oct	2031	6.779	$ 0.082	$ 6.806	$0.17	6.98
Nov	2031	6.818	$ 0.066	$ 6.884	$0.17	7.06
Dec	2031	7.054	$ 0.082	$ 7.135	$0.18	7.31
Jan	2032	7.045	$ 0.106	$ 7.155	$0.18	7.33
Feb	2032	7.087	$ 0.077	$ 7.165	$0.18	7.34
Mar	2032	7.059	$ 0.050	$ 7.109	$0.18	7.29
Apr	2032	6.843	$ 0.026	$ 6.869	$0.17	7.04
May	2032	6.880	$ 0.069	$ 6.949	$0.17	7.12
Jun	2032	6.924	$ 0.095	$ 7.019	$0.18	7.19
Jul	2032	7.118	$ 0.136	$ 7.254	$0.18	7.43
Aug	2032	7.178	$ 0.159	$ 7.338	$0.18	7.52
Sep	2032	7.075	$ 0.091	$ 7.166	$0.18	7.34
Oct	2032	7.029	$ 0.088	$ 7.117	$0.18	7.29
Nov	2032	7.193	$ 0.053	$ 7.247	$0.18	7.43
Dec	2032	7.210	$ 0.072	$ 7.283	$0.18	7.46
Jan	2033	6.845	$ 0.093	$ 6.938	$0.17	7.11
Feb	2033	6.892	$ 0.091	$ 6.983	$0.17	7.16
Mar	2033	6.825	$ 0.022	$ 6.846	$0.17	7.02
Apr	2033	6.823	$ 0.016	$ 6.839	$0.17	7.01
May	2033	6.867	$ 0.032	$ 6.899	$0.17	7.07
Jun	2033	6.915	$ 0.080	$ 6.995	$0.18	7.17
Jul	2033	7.127	$ 0.119	$ 7.246	$0.18	7.42
Aug	2033	7.189	$ 0.127	$ 7.316	$0.18	7.50
Sep	2033	7.095	$ 0.068	$ 7.163	$0.18	7.34
Oct	2033	7.029	$ 0.053	$ 7.082	$0.18	7.26
Nov	2033	7.196	$ 0.033	$ 7.268	$0.18	7.45
Dec	2033	7.489	$ 0.047	$ 7.537	$0.18	7.72
Jan	2034	7.689	$ 0.080	$ 7.769	$0.19	7.95
Feb	2034	7.467	$ 0.056	$ 7.522	$0.18	7.70
Mar	2034	7.251	$ (0.008)	$ 7.244	$0.18	7.42
Apr	2034	7.165	$ 0.009	$ 7.174	$0.18	7.35
May	2034	7.211	$ 0.039	$ 7.250	$0.18	7.43
Jun	2034	7.259	$ 0.084	$ 7.343	$0.18	7.52
Jul	2034	7.607	$ 0.125	$ 7.732	$0.18	7.92
Aug	2034	7.666	$ 0.144	$ 7.809	$0.19	7.99
Sep	2034	7.520	$ 0.074	$ 7.595	$0.18	7.78
Oct	2034	7.335	$ 0.049	$ 7.384	$0.18	7.56
Nov	2034	7.652	$ 0.034	$ 7.686	$0.18	7.87
Dec	2034	7.921	$ 0.055	$ 7.977	$0.19	8.16
Jan	2035	8.040	$ 0.086	$ 8.126	$0.19	8.32
Feb	2035	8.081	$ 0.065	$ 8.146	$0.19	8.34
Mar	2035	7.835	$ 0.018	$ 7.853	$0.19	8.04
Apr	2035	7.481	$ 0.023	$ 7.505	$0.18	7.69
May	2035	7.528	$ 0.046	$ 7.574	$0.18	7.76
Jun	2035	7.576	$ 0.091	$ 7.667	$0.18	7.85
Jul	2035	7.968	$ 0.130	$ 8.098	$0.19	8.29
Aug	2035	8.018	$ 0.147	$ 8.165	$0.19	8.36
Sep	2035	7.884	$ 0.075	$ 7.959	$0.19	8.15
Oct	2035	7.682	$ 0.048	$ 7.730	$0.18	7.91
Nov	2035	7.748	$ 0.033	$ 7.781	$0.19	7.97
Dec	2035	7.963	$ 0.058	$ 8.021	$0.19	8.21
Jan	2036	8.009	$ 0.093	$ 8.102	$0.19	8.29
Feb	2036	8.043	$ 0.034	$ 8.078	$0.19	8.27
Mar	2036	7.909	$ 0.020	$ 7.929	$0.19	8.12
Apr	2036	7.599	$ 0.023	$ 7.622	$0.18	7.81
May	2036	7.646	$ 0.049	$ 7.696	$0.18	7.88
Jun	2036	7.702	$ 0.096	$ 7.799	$0.19	7.98
Jul	2036	7.930	$ 0.135	$ 8.065	$0.19	8.25
Aug	2036	7.987	$ 0.150	$ 8.137	$0.19	8.33
Sep	2036	7.948	$ 0.089	$ 8.037	$0.19	8.23
Oct	2036	7.896	$ 0.076	$ 7.971	$0.19	8.16
Nov	2036	8.002	$ 0.051	$ 8.053	$0.19	8.24
Dec	2036	8.368	$ 0.064	$ 8.432	$0.19	8.63
Jan	2037	8.526	$ 0.105	$ 8.631	$0.20	8.83
Feb	2037	8.579	$ 0.081	$ 8.661	$0.20	8.86
Mar	2037	8.453	$ 0.024	$ 8.477	$0.19	8.67
Apr	2037	8.209	$ 0.021	$ 8.229	$0.19	8.42
May	2037	8.259	$ 0.055	$ 8.314	$0.19	8.51
Jun	2037	8.342	$ 0.111	$ 8.452	$0.19	8.65
Jul	2037	8.699	$ 0.147	$ 8.846	$0.20	9.05
Aug	2037	8.757	$ 0.147	$ 8.904	$0.20	9.10
Sep	2037	8.636	$ 0.096	$ 8.732	$0.20	8.93
Oct	2037	8.542	$ 0.074	$ 8.616	$0.20	8.81
Nov	2037	8.650	$ 0.052	$ 8.702	$0.20	8.90
Dec	2037	9.011	$ 0.078	$ 9.089	$0.20	9.29
Jan	2038	9.174	$ 0.111	$ 9.286	$0.20	9.49
Feb	2038	9.231	$ 0.088	$ 9.319	$0.21	9.52
Mar	2038	9.090	$ 0.026	$ 9.115	$0.20	9.32
Apr	2038	8.779	$ 0.044	$ 8.823	$0.20	9.02
May	2038	8.833	$ 0.060	$ 8.893	$0.20	9.09
Jun	2038	8.897	$ 0.118	$ 9.015	$0.20	9.22
Jul	2038	9.149	$ 0.152	$ 9.301	$0.21	9.51
Aug	2038	9.214	$ 0.145	$ 9.359	$0.21	9.56
Sep	2038	9.007	$ 0.104	$ 9.111	$0.20	9.31
Oct	2038	8.916	$ 0.064	$ 8.980	$0.20	9.18
Nov	2038	9.064	$ 0.073	$ 9.137	$0.20	9.34
Dec	2038	9.388	$ 0.100	$ 9.488	$0.21	9.70
Jan	2039	9.405	$ 0.119	$ 9.524	$0.21	9.73
Feb	2039	9.463	$ 0.101	$ 9.564	$0.21	9.77
Mar	2039	9.237	$ 0.032	$ 9.269	$0.20	9.47
Apr	2039	8.644	$ 0.041	$ 8.685	$0.20	8.88
May	2039	8.694	$ 0.052	$ 8.746	$0.20	8.94
Jun	2039	8.750	$ 0.115	$ 8.865	$0.20	9.06
Jul	2039	8.838	$ 0.129	$ 8.967	$0.20	9.17
Aug	2039	9.401	$ 0.145	$ 9.749	$0.21	9.96
Sep	2039	9.561	$ 0.088	$ 9.649	$0.21	9.86
Oct	2039	9.206	$ 0.081	$ 9.287	$0.20	9.49
Nov	2039	9.115	$ 0.063	$ 9.373	$0.21	9.58
Dec	2039	9.596	$ 0.087	$ 9.683	$0.21	9.89
Jan	2040	9.823	$ 0.098	$ 9.920	$0.21	10.13
Feb	2040	9.974	$ 0.061	$ 9.935	$0.21	10.15
Mar	2040	9.714	$ 0.033	$ 9.747	$0.21	9.96
Apr	2040	9.392	$ 0.013	$ 9.405	$0.21	9.61
May	2040	9.446	$ 0.058	$ 9.504	$0.21	9.71
Jun	2040	9.526	$ 0.108	$ 9.634	$0.21	9.84
Jul	2040	9.875	$ 0.144	$ 10.020	$0.21	10.23
Aug	2040	9.935	$ 0.155	$ 10.090	$0.22	10.31
Sep	2040	9.916	$ 0.098	$ 10.014	$0.21	10.23
Oct	2040	9.694	$ 0.086	$ 9.780	$0.21	9.99
Nov	2040	9.797	$ 0.069	$ 9.866	$0.21	10.08
Dec	2040	10.132	$ 0.111	$ 10.243	$0.22	10.46
Jan	2041	10.303	$ 0.113	$ 10.415	$0.22	10.63
Feb	2041	10.342	$ 0.083	$ 10.425	$0.22	10.64
Mar	2041	10.122	$ 0.037	$ 10.159	$0.22	10.38
Apr	2041	9.753	$ 0.048	$ 9.801	$0.21	10.01
May	2041	9.813	$ 0.061	$ 9.874	$0.21	10.09
Jun	2041	9.918	$ 0.124	$ 10.041	$0.21	10.26
Jul	2041	10.353	$ 0.166	$ 10.519	$0.22	10.74
Aug	2041	10.415	$ 0.158	$ 10.572	$0.22	10.79
Sep	2041	10.418	$ 0.116	$ 10.534	$0.22	10.76
Oct	2041	10.075	$ 0.061	$ 10.137	$0.22	10.35
Nov	2041	10.261	$ 0.077	$ 10.338	$0.22	10.56
Dec	2041	10.551	$ 0.127	$ 10.678	$0.22	10.90
Jan	2042	10.687	$ 0.120	$ 10.807	$0.22	11.03
Feb	2042	10.731	$ 0.089	$ 10.820	$0.23	11.05
Mar	2042	10.504	$ 0.033	$ 10.537	$0.22	10.76
Apr	2042	10.210	$ 0.045	$ 10.255	$0.22	10.47
May	2042	10.273	$ 0.063	$ 10.336	$0.22	10.55
Jun	2042	10.573	$ 0.134	$ 10.707	$0.22	10.73
Jul	2042	10.902	$ 0.168	$ 11.070	$0.23	11.30
Aug	2042	10.971	$ 0.171	$ 11.142	$0.23	11.37
Sep	2042	10.935	$ 0.120	$ 11.055	$0.23	11.28
Oct	2042	10.560	$ 0.080	$ 10.640	$0.22	10.86
Nov	2042	10.618	$ 0.075	$ 10.693	$0.22	10.92
Dec	2042	10.954	$ 0.102	$ 11.055	$0.23	11.28
Jan	2043	11.155	$ 0.105	$ 11.260	$0.23	11.49
Feb	2043	11.191	$ 0.058	$ 11.249	$0.23	11.48
Mar	2043	10.972	$ 0.035	$ 11.007	$0.23	11.23
Apr	2043	10.591	$ 0.028	$ 10.620	$0.22	10.84
May	2043	10.656	$ 0.050	$ 10.707	$0.22	10.93
Jun	2043	10.737	$ 0.106	$ 10.843	$0.23	11.07
Jul	2043	11.261	$ 0.164	$ 11.426	$0.23	11.66
Aug	2043	11.329	$ 0.156	$ 11.485	$0.23	11.72
Sep	2043	11.365	$ 0.091	$ 11.456	$0.23	11.69
Oct	2043	10.947	$ 0.077	$ 11.018	$0.23	11.25
Nov	2043	11.036	$ 0.066	$ 11.103	$0.23	11.33
Dec	2043	11.394	$ 0.097	$ 11.491	$0.23	11.72
Jan	2044	11.717	$ 0.099	$ 11.311	$0.23	11.54
Feb	2044	11.261	$ 0.059	$ 11.320	$0.23	11.55
Mar	2044	11.025	$ 0.025	$ 11.050	$0.23	11.28
Apr	2044	10.814	$ 0.029	$ 10.853	$0.23	11.08
May	2044	10.887	$ 0.040	$ 10.926	$0.23	11.15
Jun	2044	10.952	$ 0.105	$ 11.057	$0.23	11.29
Jul	2044	11.445	$ 0.160	$ 11.615	$0.24	11.85
Aug	2044	11.525	$ 0.162	$ 11.687	$0.24	11.92
Sep	2044	11.504	$ 0.080	$ 11.584	$0.23	11.82
Oct	2044	11.213	$ 0.045	$ 11.258	$0.23	11.49
Nov	2044	11.387	$ 0.060	$ 11.447	$0.23	11.68
Dec	2044	11.740	$ 0.099	$ 11.839	$0.24	12.08
Jan	2045	11.803	$ 0.107	$ 11.910	$0.24	12.15
Feb	2045	11.873	$ 0.056	$ 11.928	$0.24	12.17
Mar	2045	11.683	$ 0.031	$ 11.714	$0.24	11.95
Apr	2045	11.414	$ 0.026	$ 11.440	$0.23	11.67
May	2045	11.474	$ 0.042	$ 11.516	$0.23	11.75
Jun	2045	11.545	$ 0.109	$ 11.654	$0.24	11.89
Jul	2045	12.078	$ 0.157	$ 12.235	$0.24	12.48
Aug	2045	12.154	$ 0.169	$ 12.323	$0.24	12.57
Sep	2045	12.175	$ 0.085	$ 12.259	$0.24	12.50
Oct	2045	11.813	$ 0.062	$ 11.876	$0.24	12.11
Nov	2045	12.004	$ 0.062	$ 12.067	$0.24	12.31
Dec	2045	12.362	$ 0.096	$ 12.458	$0.25	12.70
Jan	2046	12.608	$ 0.115	$ 12.723	$0.25	12.97
Feb	2046	12.647	$ 0.062	$ 12.708	$0.25	12.96
Mar	2046	12.352	$ 0.022	$ 12.374	$0.25	12.62
Apr	2046	12.007	$ 0.018	$ 12.025	$0.24	12.27
May	2046	12.060	$ 0.043	$ 12.103	$0.24	12.34
Jun	2046	12.132	$ 0.110	$ 12.241	$0.24	12.48
Jul	2046	12.749	$ 0.158	$ 12.908	$0.25	13.16
Aug	2046	12.851	$ 0.176	$ 13.027	$0.25	13.26
Sep	2046	12.789	$ 0.081	$ 12.870	$0.25	13.12
Oct	2046	12.385	$ 0.062	$ 12.447	$0.25	12.69
Nov	2046	12.499	$ 0.064	$ 12.563	$0.25	12.81
Dec	2046	12.826	$ 0.103	$ 12.929	$0.25	13.18
Jan	2047	13.168	$ 0.126	$ 13.294	$0.26	13.55
Feb	2047	13.190	$ 0.058	$ 13.248	$0.26	13.50
Mar	2047	12.721	$ 0.019	$ 12.740	$0.25	12.99
Apr	2047	12.424	$ 0.022	$ 12.447	$0.25	12.69
May	2047	12.475	$ 0.039	$ 12.514	$0.25	12.76
Jun	2047	12.548	$ 0.123	$ 12.671	$0.25	12.92
Jul	2047	13.163	$ 0.165	$ 13.327	$0.26	13.58
Aug	2047	13.245	$ 0.182	$ 13.427	$0.26	13.69
Sep	2047	13.239	$ 0.088	$ 13.327	$0.26	13.58
Oct	2047	13.003	$ 0.052	$ 13.055	$0.25	13.31
Nov	2047	13.118	$ 0.052	$ 13.170	$0.26	13.43
Dec	2047	13.170	$ 0.093	$ 13.263	$0.26	13.52
Jan	2048	13.311	$ 0.109	$ 13.420	$0.26	13.68
Feb	2048	13.375	$ 0.036	$ 13.411	$0.26	13.67
Mar	2048	13.073	$ 0.007	$ 13.080	$0.25	13.33
Apr	2048	12.884	$ 0.022	$ 12.906	$0.25	13.16
May	2048	12.957	$ 0.032	$ 12.989	$0.25	13.24
Jun	2048	13.

CONFIDENTIAL

DEF NATURAL GAS DISPATCH PRICES

Month	Year	Base HH Regular Supply Cost	Physical Basis FGT Z3	Base Cost Regular Supply Z3	FGT MMBTU Variable Cost	FGT Variable MMBTU Delivered Costs
Jan	2019	3.110	$ (0.046)	$ 3.064	$0.13	3.19
Feb	2019	2.690	$ (0.019)	$ 2.671	$0.12	2.79
Mar	2019	2.950	$ (0.003)	$ 2.947	$0.12	3.07
Apr	2019	2.650	$ (0.001)	$ 2.649	$0.11	2.76
May	2019	2.640	$ 0.005	$ 2.645	$0.11	2.76
Jun	2019	2.400	$ 0.037	$ 2.437	$0.11	2.55
Jul	2019	2.370	$ 0.048	$ 2.418	$0.11	2.53
Aug	2019	2.220	$ 0.056	$ 2.276	$0.11	2.38
Sep	2019	2.560	$ 0.016	$ 2.576	$0.11	2.69
Oct	2019	2.743	$ 0.010	$ 2.753	$0.12	2.87
Nov	2019	2.303	$ 0.012	$ 2.315	$0.11	2.42
Dec	2019	2.495	$ 0.023	$ 2.518	$0.11	2.63
Jan	2020	2.612	$ 0.035	$ 2.647	$0.11	2.76
Feb	2020	2.575	$ 0.024	$ 2.599	$0.11	2.71
Mar	2020	2.462	$ (0.020)	$ 2.442	$0.11	2.55
Apr	2020	2.247	$ (0.019)	$ 2.228	$0.10	2.33
May	2020	2.234	$ 0.005	$ 2.239	$0.10	2.34
Jun	2020	2.278	$ 0.026	$ 2.304	$0.11	2.41
Jul	2020	2.326	$ 0.048	$ 2.374	$0.11	2.48
Aug	2020	2.335	$ 0.055	$ 2.390	$0.11	2.50
Sep	2020	2.318	$ 0.012	$ 2.330	$0.11	2.44
Oct	2020	2.344	$ 0.016	$ 2.360	$0.11	2.47
Nov	2020	2.409	$ 0.025	$ 2.434	$0.11	2.54
Dec	2020	2.578	$ 0.034	$ 2.612	$0.11	2.73
Jan	2021	2.694	$ 0.038	$ 2.732	$0.12	2.85
Feb	2021	2.664	$ 0.033	$ 2.686	$0.12	2.80
Mar	2021	2.538	$ (0.015)	$ 2.523	$0.11	2.63
Apr	2021	2.293	$ (0.021)	$ 2.272	$0.11	2.38
May	2021	2.281	$ 0.005	$ 2.286	$0.11	2.39
Jun	2021	2.320	$ 0.025	$ 2.345	$0.11	2.45
Jul	2021	2.360	$ 0.047	$ 2.407	$0.11	2.52
Aug	2021	2.377	$ 0.058	$ 2.435	$0.11	2.54
Sep	2021	2.384	$ 0.011	$ 2.395	$0.11	2.50
Oct	2021	2.408	$ 0.018	$ 2.426	$0.11	2.54
Nov	2021	2.483	$ 0.027	$ 2.510	$0.11	2.62
Dec	2021	2.648	$ 0.038	$ 2.686	$0.12	2.80
Jan	2022	2.754	$ 0.041	$ 2.795	$0.12	2.91
Feb	2022	2.748	$ 0.036	$ 2.781	$0.12	2.90
Mar	2022	2.688	$ (0.013)	$ 2.675	$0.12	2.79
Apr	2022	2.562	$ (0.016)	$ 2.546	$0.11	2.66
May	2022	2.575	$ 0.007	$ 2.581	$0.11	2.69
Jun	2022	2.622	$ 0.034	$ 2.656	$0.12	2.77
Jul	2022	2.694	$ 0.059	$ 2.753	$0.12	2.87
Aug	2022	2.730	$ 0.066	$ 2.796	$0.12	2.91
Sep	2022	2.742	$ 0.021	$ 2.763	$0.12	2.88
Oct	2022	2.763	$ 0.024	$ 2.787	$0.12	2.91
Nov	2022	2.859	$ 0.034	$ 2.893	$0.12	3.01
Dec	2022	3.004	$ 0.044	$ 3.049	$0.12	3.17
Jan	2023	3.093	$ 0.052	$ 3.145	$0.13	3.27
Feb	2023	3.109	$ 0.047	$ 3.156	$0.13	3.28
Mar	2023	3.044	$ (0.003)	$ 3.042	$0.12	3.17
Apr	2023	2.964	$ (0.008)	$ 2.956	$0.12	3.08
May	2023	2.996	$ 0.016	$ 3.012	$0.12	3.14
Jun	2023	3.053	$ 0.042	$ 3.094	$0.13	3.22
Jul	2023	3.173	$ 0.068	$ 3.242	$0.13	3.37
Aug	2023	3.218	$ 0.076	$ 3.295	$0.13	3.43
Sep	2023	3.214	$ 0.029	$ 3.243	$0.13	3.37
Oct	2023	3.218	$ 0.030	$ 3.248	$0.13	3.38
Nov	2023	3.423	$ 0.037	$ 3.460	$0.14	3.60
Dec	2023	3.514	$ 0.053	$ 3.567	$0.14	3.70
Jan	2024	3.608	$ 0.058	$ 3.666	$0.14	3.81
Feb	2024	3.631	$ 0.050	$ 3.681	$0.14	3.82
Mar	2024	3.618	$ (0.002)	$ 3.616	$0.14	3.76
Apr	2024	3.592	$ (0.007)	$ 3.585	$0.14	3.72
May	2024	3.615	$ 0.017	$ 3.632	$0.14	3.77
Jun	2024	3.685	$ 0.046	$ 3.730	$0.14	3.87
Jul	2024	3.807	$ 0.077	$ 3.883	$0.15	4.03
Aug	2024	3.840	$ 0.077	$ 3.917	$0.15	4.06
Sep	2024	3.802	$ 0.047	$ 3.849	$0.14	3.99
Oct	2024	3.775	$ 0.040	$ 3.815	$0.14	3.96
Nov	2024	3.933	$ 0.044	$ 3.976	$0.15	4.12
Dec	2024	4.077	$ 0.056	$ 4.133	$0.15	4.28
Jan	2025	4.135	$ 0.061	$ 4.196	$0.15	4.35
Feb	2025	4.161	$ 0.055	$ 4.216	$0.15	4.37
Mar	2025	4.084	$ (0.001)	$ 4.083	$0.15	4.23
Apr	2025	4.024	$ (0.011)	$ 4.013	$0.15	4.16
May	2025	4.047	$ 0.016	$ 4.063	$0.15	4.21
Jun	2025	4.077	$ 0.054	$ 4.131	$0.15	4.28
Jul	2025	4.292	$ 0.078	$ 4.370	$0.16	4.53
Aug	2025	4.327	$ 0.078	$ 4.404	$0.16	4.56
Sep	2025	3.954	$ 0.045	$ 3.999	$0.15	4.15
Oct	2025	3.931	$ 0.035	$ 3.966	$0.15	4.11
Nov	2025	4.044	$ 0.036	$ 4.080	$0.15	4.23
Dec	2025	4.230	$ 0.051	$ 4.282	$0.16	4.44
Jan	2026	4.486	$ 0.057	$ 4.543	$0.16	4.71
Feb	2026	4.511	$ 0.053	$ 4.564	$0.16	4.73
Mar	2026	4.404	$ (0.003)	$ 4.401	$0.16	4.56
Apr	2026	4.329	$ (0.001)	$ 4.328	$0.16	4.48
May	2026	4.356	$ 0.022	$ 4.378	$0.16	4.54
Jun	2026	4.419	$ 0.053	$ 4.471	$0.16	4.63
Jul	2026	4.729	$ 0.077	$ 4.806	$0.17	4.97
Aug	2026	4.766	$ 0.078	$ 4.845	$0.17	5.01
Sep	2026	4.580	$ 0.041	$ 4.621	$0.16	4.79
Oct	2026	4.509	$ 0.034	$ 4.543	$0.16	4.71
Nov	2026	4.580	$ 0.042	$ 4.622	$0.16	4.79
Dec	2026	4.785	$ 0.054	$ 4.839	$0.17	5.01
Jan	2027	4.934	$ 0.062	$ 4.995	$0.17	5.17
Feb	2027	4.964	$ 0.057	$ 5.021	$0.17	5.20
Mar	2027	4.885	$ (0.002)	$ 4.883	$0.17	5.05
Apr	2027	4.712	$ (0.002)	$ 4.710	$0.17	4.88
May	2027	4.760	$ 0.021	$ 4.781	$0.17	4.93
Jun	2027	4.829	$ 0.051	$ 4.880	$0.17	5.05
Jul	2027	5.195	$ 0.078	$ 5.273	$0.18	5.45
Aug	2027	5.231	$ 0.082	$ 5.313	$0.18	5.49
Sep	2027	5.177	$ 0.043	$ 5.220	$0.18	5.40
Oct	2027	4.938	$ 0.038	$ 4.977	$0.17	5.15
Nov	2027	5.014	$ 0.043	$ 5.057	$0.18	5.23
Dec	2027	5.256	$ 0.054	$ 5.309	$0.18	5.49
Jan	2028	5.442	$ 0.063	$ 5.505	$0.19	5.69
Feb	2028	5.475	$ 0.047	$ 5.522	$0.19	5.71
Mar	2028	5.346	$ (0.002)	$ 5.344	$0.18	5.53
Apr	2028	5.311	$ (0.006)	$ 5.305	$0.18	5.49
May	2028	5.344	$ 0.024	$ 5.367	$0.18	5.55
Jun	2028	5.586	$ 0.059	$ 5.645	$0.19	5.83
Jul	2028	5.576	$ 0.091	$ 5.667	$0.19	5.86
Aug	2028	5.618	$ 0.089	$ 5.707	$0.19	5.90
Sep	2028	5.672	$ 0.048	$ 5.720	$0.19	5.91
Oct	2028	5.619	$ 0.044	$ 5.663	$0.19	5.85
Nov	2028	5.676	$ 0.046	$ 5.722	$0.19	5.91
Dec	2028	5.999	$ 0.054	$ 6.053	$0.20	6.25
Jan	2029	6.140	$ 0.075	$ 6.215	$0.20	6.42
Feb	2029	6.178	$ 0.068	$ 6.246	$0.20	6.45
Mar	2029	5.994	$ 0.007	$ 5.902	$0.20	6.10
Apr	2029	5.914	$ 0.002	$ 5.916	$0.20	6.11
May	2029	5.999	$ 0.027	$ 6.026	$0.20	6.23
Jun	2029	6.143	$ 0.082	$ 6.224	$0.20	6.43
Jul	2029	5.802	$ 0.091	$ 5.893	$0.20	6.09
Aug	2029	5.845	$ 0.098	$ 5.943	$0.20	6.14
Sep	2029	6.001	$ 0.053	$ 6.054	$0.20	6.25
Oct	2029	5.987	$ 0.040	$ 6.027	$0.20	6.23
Nov	2029	5.861	$ 0.063	$ 5.924	$0.20	6.12
Dec	2029	6.131	$ 0.062	$ 6.193	$0.20	6.40
Jan	2030	6.179	$ 0.075	$ 6.255	$0.21	6.46
Feb	2030	6.217	$ 0.069	$ 6.287	$0.21	6.49
Mar	2030	6.071	$ 0.004	$ 6.074	$0.20	6.27
Apr	2030	6.028	$ (0.008)	$ 6.020	$0.20	6.22
May	2030	6.064	$ 0.029	$ 6.093	$0.20	6.29
Jun	2030	6.163	$ 0.069	$ 6.232	$0.20	6.44
Jul	2030	6.600	$ 0.104	$ 6.704	$0.22	6.92
Aug	2030	6.649	$ 0.113	$ 6.761	$0.22	6.98
Sep	2030	6.551	$ 0.056	$ 6.607	$0.21	6.82
Oct	2030	6.255	$ 0.053	$ 6.307	$0.21	6.51
Nov	2030	6.140	$ 0.056	$ 6.196	$0.20	6.40
Dec	2030	6.439	$ 0.064	$ 6.503	$0.21	6.71
Jan	2031	6.574	$ 0.098	$ 6.672	$0.22	6.89
Feb	2031	6.615	$ 0.092	$ 6.708	$0.22	6.92
Mar	2031	6.485	$ 0.019	$ 6.504	$0.21	6.72
Apr	2031	6.431	$ 0.000	$ 6.431	$0.21	6.64
May	2031	6.470	$ 0.055	$ 6.525	$0.21	6.74
Jun	2031	6.558	$ 0.082	$ 6.640	$0.21	6.85
Jul	2031	7.001	$ 0.116	$ 7.117	$0.23	7.34
Aug	2031	7.070	$ 0.139	$ 7.210	$0.23	7.44
Sep	2031	6.940	$ 0.086	$ 7.026	$0.22	7.25
Oct	2031	6.726	$ 0.082	$ 6.808	$0.22	7.02
Nov	2031	6.818	$ 0.066	$ 6.884	$0.22	7.10
Dec	2031	7.054	$ 0.082	$ 7.135	$0.23	7.36
Jan	2032	7.049	$ 0.106	$ 7.155	$0.23	7.38
Feb	2032	7.087	$ 0.077	$ 7.165	$0.23	7.39
Mar	2032	7.059	$ 0.050	$ 7.109	$0.23	7.34
Apr	2032	6.843	$ 0.026	$ 6.869	$0.22	7.09
May	2032	6.880	$ 0.069	$ 6.949	$0.22	7.17
Jun	2032	6.924	$ 0.095	$ 7.019	$0.22	7.24
Jul	2032	7.118	$ 0.136	$ 7.254	$0.23	7.48
Aug	2032	7.178	$ 0.159	$ 7.338	$0.23	7.57
Sep	2032	7.075	$ 0.091	$ 7.166	$0.23	7.39
Oct	2032	7.029	$ 0.088	$ 7.117	$0.23	7.34
Nov	2032	7.193	$ 0.053	$ 7.247	$0.23	7.48
Dec	2032	7.210	$ 0.072	$ 7.283	$0.23	7.51
Jan	2033	6.945	$ 0.093	$ 6.938	$0.22	7.16
Feb	2033	6.892	$ 0.091	$ 6.983	$0.22	7.21
Mar	2033	6.825	$ 0.022	$ 6.846	$0.22	7.07
Apr	2033	6.823	$ 0.016	$ 6.839	$0.22	7.06
May	2033	6.867	$ 0.032	$ 6.899	$0.22	7.12
Jun	2033	6.915	$ 0.080	$ 6.995	$0.22	7.22
Jul	2033	7.127	$ 0.119	$ 7.246	$0.23	7.48
Aug	2033	7.189	$ 0.127	$ 7.316	$0.23	7.55
Sep	2033	7.095	$ 0.068	$ 7.163	$0.23	7.39
Oct	2033	7.029	$ 0.053	$ 7.082	$0.23	7.31
Nov	2033	7.256	$ 0.033	$ 7.288	$0.23	7.50
Dec	2033	7.489	$ 0.047	$ 7.537	$0.24	7.77
Jan	2034	7.689	$ 0.080	$ 7.769	$0.24	8.01
Feb	2034	7.667	$ 0.058	$ 7.522	$0.24	7.76
Mar	2034	7.251	$ (0.008)	$ 7.244	$0.23	7.47
Apr	2034	7.165	$ 0.009	$ 7.174	$0.23	7.40
May	2034	7.211	$ 0.039	$ 7.250	$0.23	7.48
Jun	2034	7.259	$ 0.084	$ 7.343	$0.23	7.58
Jul	2034	7.607	$ 0.125	$ 7.732	$0.24	7.97
Aug	2034	7.666	$ 0.144	$ 7.809	$0.24	8.05
Sep	2034	7.520	$ 0.074	$ 7.595	$0.24	7.83
Oct	2034	7.335	$ 0.049	$ 7.384	$0.23	7.62
Nov	2034	7.652	$ 0.034	$ 7.686	$0.24	7.93
Dec	2034	7.921	$ 0.055	$ 7.977	$0.25	8.23
Jan	2035	8.040	$ 0.086	$ 8.126	$0.25	8.38
Feb	2035	8.081	$ 0.065	$ 8.146	$0.25	8.40
Mar	2035	7.835	$ 0.018	$ 7.853	$0.25	8.10
Apr	2035	7.481	$ 0.023	$ 7.505	$0.24	7.74
May	2035	7.528	$ 0.046	$ 7.574	$0.24	7.81
Jun	2035	7.576	$ 0.091	$ 7.667	$0.24	7.91
Jul	2035	7.968	$ 0.130	$ 8.098	$0.25	8.35
Aug	2035	8.018	$ 0.147	$ 8.165	$0.25	8.42
Sep	2035	7.884	$ 0.075	$ 7.959	$0.25	8.21
Oct	2035	7.682	$ 0.048	$ 7.730	$0.24	7.97
Nov	2035	7.748	$ 0.033	$ 7.781	$0.24	8.02
Dec	2035	7.967	$ 0.058	$ 8.021	$0.25	8.27
Jan	2036	8.009	$ 0.093	$ 8.102	$0.25	8.35
Feb	2036	8.043	$ 0.034	$ 8.078	$0.25	8.33
Mar	2036	7.949	$ 0.020	$ 7.929	$0.25	8.18
Apr	2036	7.599	$ 0.023	$ 7.622	$0.24	7.86
May	2036	7.646	$ 0.049	$ 7.696	$0.24	7.94
Jun	2036	7.702	$ 0.096	$ 7.799	$0.24	8.04
Jul	2036	7.930	$ 0.135	$ 8.065	$0.25	8.32
Aug	2036	7.987	$ 0.150	$ 8.137	$0.25	8.39
Sep	2036	7.948	$ 0.089	$ 8.037	$0.25	8.29
Oct	2036	7.896	$ 0.076	$ 7.971	$0.25	8.22
Nov	2036	8.002	$ 0.051	$ 8.053	$0.25	8.30
Dec	2036	8.368	$ 0.064	$ 8.432	$0.26	8.69
Jan	2037	8.526	$ 0.105	$ 8.631	$0.26	8.90
Feb	2037	8.579	$ 0.081	$ 8.661	$0.27	8.93
Mar	2037	8.453	$ 0.024	$ 8.477	$0.26	8.74
Apr	2037	8.209	$ 0.021	$ 8.229	$0.25	8.48
May	2037	8.259	$ 0.055	$ 8.314	$0.26	8.57
Jun	2037	8.342	$ 0.111	$ 8.452	$0.26	8.71
Jul	2037	8.699	$ 0.147	$ 8.846	$0.27	9.12
Aug	2037	8.757	$ 0.147	$ 8.904	$0.27	9.18
Sep	2037	8.636	$ 0.096	$ 8.732	$0.27	9.00
Oct	2037	8.542	$ 0.074	$ 8.616	$0.26	8.88
Nov	2037	8.650	$ 0.052	$ 8.702	$0.27	8.97
Dec	2037	9.011	$ 0.078	$ 9.089	$0.28	9.36
Jan	2038	9.175	$ 0.111	$ 9.286	$0.28	9.57
Feb	2038	9.231	$ 0.088	$ 9.319	$0.28	9.60
Mar	2038	9.090	$ 0.026	$ 9.115	$0.28	9.39
Apr	2038	8.779	$ 0.044	$ 8.823	$0.27	9.09
May	2038	8.833	$ 0.060	$ 8.893	$0.27	9.16
Jun	2038	8.897	$ 0.118	$ 9.015	$0.27	9.29
Jul	2038	9.149	$ 0.152	$ 9.301	$0.28	9.58
Aug	2038	9.214	$ 0.145	$ 9.359	$0.28	9.64
Sep	2038	9.007	$ 0.104	$ 9.111	$0.28	9.39
Oct	2038	8.916	$ 0.064	$ 8.980	$0.27	9.25
Nov	2038	9.064	$ 0.073	$ 9.137	$0.28	9.41
Dec	2038	9.388	$ 0.100	$ 9.488	$0.29	9.77
Jan	2039	9.405	$ 0.119	$ 9.524	$0.29	9.81
Feb	2039	9.463	$ 0.101	$ 9.564	$0.29	9.85
Mar	2039	9.237	$ 0.032	$ 9.269	$0.28	9.55
Apr	2039	8.644	$ 0.041	$ 8.685	$0.27	8.95
May	2039	8.694	$ 0.052	$ 8.746	$0.27	9.01
Jun	2039	8.750	$ 0.115	$ 8.865	$0.27	9.14
Jul	2039	8.838	$ 0.129	$ 8.967	$0.27	9.24
Aug	2039	9.603	$ 0.145	$ 9.749	$0.29	10.04
Sep	2039	9.561	$ 0.088	$ 9.649	$0.29	9.94
Oct	2039	9.266	$ 0.081	$ 9.287	$0.28	9.57
Nov	2039	9.310	$ 0.063	$ 9.373	$0.28	9.66
Dec	2039	9.596	$ 0.087	$ 9.683	$0.29	9.97
Jan	2040	9.823	$ 0.098	$ 9.920	$0.30	10.22
Feb	2040	9.974	$ 0.061	$ 9.935	$0.30	10.23
Mar	2040	9.714	$ 0.033	$ 9.747	$0.29	10.04
Apr	2040	9.392	$ 0.013	$ 9.405	$0.28	9.69
May	2040	9.449	$ 0.058	$ 9.504	$0.29	9.79
Jun	2040	9.526	$ 0.108	$ 9.634	$0.29	9.92
Jul	2040	9.875	$ 0.144	$ 10.020	$0.30	10.32
Aug	2040	9.935	$ 0.155	$ 10.090	$0.30	10.39
Sep	2040	9.916	$ 0.098	$ 10.014	$0.30	10.31
Oct	2040	9.694	$ 0.085	$ 9.780	$0.29	10.07
Nov	2040	9.797	$ 0.069	$ 9.866	$0.30	10.16
Dec	2040	10.132	$ 0.111	$ 10.243	$0.30	10.55
Jan	2041	10.303	$ 0.113	$ 10.415	$0.31	10.72
Feb	2041	10.342	$ 0.083	$ 10.425	$0.31	10.73
Mar	2041	10.122	$ 0.037	$ 10.159	$0.30	10.46
Apr	2041	9.753	$ 0.048	$ 9.801	$0.29	10.09
May	2041	9.813	$ 0.061	$ 9.874	$0.30	10.17
Jun	2041	9.916	$ 0.124	$ 10.041	$0.30	10.34
Jul	2041	10.353	$ 0.166	$ 10.519	$0.31	10.83
Aug	2041	10.415	$ 0.158	$ 10.572	$0.31	10.89
Sep	2041	10.418	$ 0.116	$ 10.534	$0.31	10.85
Oct	2041	10.075	$ 0.061	$ 10.137	$0.30	10.44
Nov	2041	10.261	$ 0.077	$ 10.338	$0.31	10.65
Dec	2041	10.561	$ 0.127	$ 10.678	$0.32	10.99
Jan	2042	10.687	$ 0.120	$ 10.807	$0.32	11.13
Feb	2042	10.731	$ 0.089	$ 10.820	$0.32	11.14
Mar	2042	10.502	$ 0.033	$ 10.537	$0.31	10.85
Apr	2042	10.210	$ 0.045	$ 10.255	$0.31	10.56
May	2042	10.273	$ 0.063	$ 10.336	$0.31	10.64
Jun	2042	10.173	$ 0.134	$ 10.507	$0.31	10.82
Jul	2042	10.902	$ 0.168	$ 11.070	$0.33	11.40
Aug	2042	10.971	$ 0.171	$ 11.142	$0.33	11.47
Sep	2042	10.935	$ 0.120	$ 11.055	$0.33	11.38
Oct	2042	10.960	$ 0.080	$ 10.640	$0.31	10.95
Nov	2042	10.618	$ 0.075	$ 10.693	$0.32	11.01
Dec	2042	10.954	$ 0.102	$ 11.055	$0.33	11.38
Jan	2043	11.155	$ 0.105	$ 11.260	$0.33	11.59
Feb	2043	11.191	$ 0.058	$ 11.249	$0.33	11.58
Mar	2043	10.972	$ 0.035	$ 11.007	$0.32	11.33
Apr	2043	10.591	$ 0.028	$ 10.620	$0.31	10.93
May	2043	10.656	$ 0.050	$ 10.707	$0.32	11.02
Jun	2043	10.737	$ 0.106	$ 10.843	$0.32	11.16
Jul	2043	11.261	$ 0.164	$ 11.426	$0.33	11.76
Aug	2043	11.329	$ 0.156	$ 11.485	$0.34	11.82
Sep	2043	11.365	$ 0.091	$ 11.456	$0.34	11.79
Oct	2043	10.947	$ 0.077	$ 11.018	$0.32	11.34
Nov	2043	11.036	$ 0.068	$ 11.103	$0.33	11.43
Dec	2043	11.394	$ 0.097	$ 11.491	$0.34	11.83
Jan	2044	11.212	$ 0.099	$ 11.311	$0.33	11.64
Feb	2044	11.261	$ 0.059	$ 11.320	$0.33	11.65
Mar	2044	11.025	$ 0.025	$ 11.050	$0.32	11.37
Apr	2044	10.824	$ 0.029	$ 10.853	$0.32	11.17
May	2044	10.887	$ 0.040	$ 10.926	$0.32	11.25
Jun	2044	10.952	$ 0.105	$ 11.057	$0.33	11.38
Jul	2044	11.454	$ 0.160	$ 11.615	$0.34	11.95
Aug	2044	11.525	$ 0.162	$ 11.687	$0.34	12.03
Sep	2044	11.504	$ 0.080	$ 11.584	$0.34	11.92
Oct	2044	11.213	$ 0.045	$ 11.258	$0.33	11.59
Nov	2044	11.387	$ 0.060	$ 11.447	$0.33	11.78
Dec	2044	11.740	$ 0.099	$ 11.839	$0.34	12.18
Jan	2045	11.803	$ 0.107	$ 11.910	$0.35	12.26
Feb	2045	11.873	$ 0.056	$ 11.928	$0.35	12.27
Mar	2045	11.683	$ 0.031	$ 11.714	$0.34	12.06
Apr	2045	11.414	$ 0.026	$ 11.440	$0.33	11.77
May	2045	11.474	$ 0.042	$ 11.516	$0.34	11.85
Jun	2045	11.545	$ 0.109	$ 11.654	$0.34	11.99
Jul	2045	12.078	$ 0.157	$ 12.235	$0.35	12.59
Aug	2045	12.154	$ 0.169	$ 12.323	$0.36	12.68
Sep	2045	12.175	$ 0.085	$ 12.259	$0.36	12.61
Oct	2045	11.813	$ 0.062	$ 11.876	$0.35	12.22
Nov	2045	11.994	$ 0.062	$ 12.067	$0.35	12.42
Dec	2045	12.362	$ 0.096	$ 12.458	$0.36	12.82
Jan	2046	12.608	$ 0.115	$ 12.723	$0.37	13.09
Feb	2046	12.647	$ 0.062	$ 12.708	$0.37	13.07
Mar	2046	12.352	$ 0.022	$ 12.374	$0.36	12.73
Apr	2046	12.007	$ 0.018	$ 12.025	$0.35	12.37
May	2046	12.060	$ 0.043	$ 12.103	$0.35	12.45
Jun	2046	12.132	$ 0.110	$ 12.241	$0.35	12.60
Jul	2046	12.749	$ 0.158	$ 12.908	$0.37	13.28
Aug	2046	12.951	$ 0.176	$ 13.007	$0.37	13.38
Sep	2046	12.789	$ 0.081	$ 12.870	$0.37	13.24
Oct	2046	12.385	$ 0.062	$ 12.447	$0.36	12.81
Nov	2046	12.499	$ 0.064	$ 12.563	$0.36	12.93
Dec	2046	12.826	$ 0.103	$ 12.929	$0.37	13.30
Jan	2047	13.168	$ 0.126	$ 13.294	$0.38	13.68
Feb	2047	13.190	$ 0.058	$ 13.248	$0.38	13.63
Mar	2047	12.721	$ 0.019	$ 12.740	$0.37	13.11
Apr	2047	12.424	$ 0.022	$ 12.447	$0.36	12.81
May	2047	12.475	$ 0.039	$ 12.514	$0.36	12.88
Jun	2047	12.548	$ 0.123	$ 12.671	$0.37	13.04
Jul	2047	13.163	$ 0.165	$ 13.327	$0.38	13.71
Aug	2047	13.245	$ 0.182	$ 13.427	$0.38	13.81
Sep	2047	13.239	$ 0.088	$ 13.327	$0.38	13.71
Oct	2047	13.003	$ 0.052	$ 13.055	$0.38	13.43
Nov	2047	13.118	$ 0.052	$ 13.170	$0.38	13.55
Dec	2047	13.170	$ 0.093	$ 13.263	$0.38	13.64
Jan	2048	13.311	$ 0.109	$ 13.420	$0.38	13.80
Feb	2048	13.375	$ 0.036	$ 13.411	$0.38	13.80
Mar	2048	13.073	$ 0.007	$ 13.080	$0.38	13.46
Apr	2048	12.884	$ 0.022	$ 12.906	$0.37	13.28
May	2048	12.957	$ 0.032	$ 12.989	$0.37	13.36
Jun	2048	13.091

CONFIDENTIAL

DEF NATURAL GAS DISPATCH PRICES

Month	Year	Base HH Regular Supply Cost	Physical Basis FGT Z3	Base Cost Regular Supply Z3	FGT MMBTU Variable Cost	FGT Variable MMBTU Delivered Costs
Jan	2019	3.110	$ (0.046)	$ 3.064	$1.05	4.12
Feb	2019	2.690	$ (0.019)	$ 2.671	$1.04	3.72
Mar	2019	2.950	$ (0.003)	$ 2.947	$1.05	4.00
Apr	2019	2.650	$ (0.001)	$ 2.649	$1.04	3.69
May	2019	2.640	$ 0.005	$ 2.645	$1.04	3.69
Jun	2019	2.400	$ 0.037	$ 2.437	$1.04	3.48
Jul	2019	2.370	$ 0.048	$ 2.418	$1.04	3.46
Aug	2019	2.220	$ 0.056	$ 2.276	$1.03	3.31
Sep	2019	2.560	$ 0.016	$ 2.576	$1.04	3.62
Oct	2019	2.743	$ 0.010	$ 2.753	$1.05	3.80
Nov	2019	2.303	$ 0.012	$ 2.315	$1.04	3.35
Dec	2019	2.495	$ 0.023	$ 2.518	$1.04	3.56
Jan	2020	2.612	$ 0.035	$ 2.647	$1.04	3.69
Feb	2020	2.575	$ 0.024	$ 2.599	$1.04	3.64
Mar	2020	2.462	$ (0.020)	$ 2.442	$1.04	3.48
Apr	2020	2.247	$ (0.019)	$ 2.228	$1.03	3.26
May	2020	2.234	$ 0.005	$ 2.239	$1.03	3.27
Jun	2020	2.278	$ 0.026	$ 2.304	$1.04	3.34
Jul	2020	2.326	$ 0.048	$ 2.374	$1.04	3.41
Aug	2020	2.335	$ 0.055	$ 2.390	$1.04	3.43
Sep	2020	2.318	$ 0.012	$ 2.330	$1.04	3.37
Oct	2020	2.344	$ 0.016	$ 2.360	$1.04	3.40
Nov	2020	2.409	$ 0.025	$ 2.434	$1.04	3.47
Dec	2020	2.578	$ 0.034	$ 2.612	$1.04	3.65
Jan	2021	2.714	$ 0.038	$ 2.752	$1.05	3.78
Feb	2021	2.654	$ 0.033	$ 2.686	$1.04	3.73
Mar	2021	2.538	$ (0.015)	$ 2.523	$1.04	3.56
Apr	2021	2.293	$ (0.021)	$ 2.272	$1.03	3.31
May	2021	2.281	$ 0.005	$ 2.286	$1.03	3.32
Jun	2021	2.320	$ 0.025	$ 2.345	$1.04	3.38
Jul	2021	2.360	$ 0.047	$ 2.407	$1.04	3.44
Aug	2021	2.377	$ 0.058	$ 2.435	$1.04	3.47
Sep	2021	2.384	$ 0.011	$ 2.395	$1.04	3.43
Oct	2021	2.408	$ 0.018	$ 2.426	$1.04	3.46
Nov	2021	2.483	$ 0.027	$ 2.510	$1.04	3.55
Dec	2021	2.648	$ 0.038	$ 2.686	$1.04	3.73
Jan	2022	2.754	$ 0.041	$ 2.795	$1.05	3.84
Feb	2022	2.746	$ 0.036	$ 2.781	$1.05	3.83
Mar	2022	2.688	$ (0.013)	$ 2.675	$1.04	3.72
Apr	2022	2.562	$ (0.016)	$ 2.546	$1.04	3.59
May	2022	2.575	$ 0.007	$ 2.581	$1.04	3.62
Jun	2022	2.622	$ 0.034	$ 2.656	$1.04	3.70
Jul	2022	2.694	$ 0.059	$ 2.753	$1.05	3.80
Aug	2022	2.730	$ 0.066	$ 2.796	$1.05	3.84
Sep	2022	2.742	$ 0.021	$ 2.763	$1.05	3.81
Oct	2022	2.763	$ 0.024	$ 2.787	$1.05	3.83
Nov	2022	2.863	$ 0.034	$ 2.893	$1.05	3.94
Dec	2022	3.004	$ 0.044	$ 3.049	$1.05	4.10
Jan	2023	3.093	$ 0.052	$ 3.145	$1.06	4.20
Feb	2023	3.106	$ 0.047	$ 3.158	$1.06	4.21
Mar	2023	3.044	$ (0.003)	$ 3.042	$1.05	4.10
Apr	2023	2.964	$ (0.008)	$ 2.956	$1.05	4.01
May	2023	2.996	$ 0.016	$ 3.012	$1.05	4.06
Jun	2023	3.052	$ 0.042	$ 3.094	$1.05	4.15
Jul	2023	3.173	$ 0.068	$ 3.242	$1.06	4.30
Aug	2023	3.218	$ 0.076	$ 3.295	$1.06	4.35
Sep	2023	3.214	$ 0.029	$ 3.243	$1.06	4.30
Oct	2023	3.218	$ 0.030	$ 3.248	$1.06	4.31
Nov	2023	3.423	$ 0.037	$ 3.460	$1.06	4.52
Dec	2023	3.514	$ 0.053	$ 3.567	$1.07	4.63
Jan	2024	3.608	$ 0.058	$ 3.666	$1.07	4.74
Feb	2024	3.631	$ 0.050	$ 3.681	$1.07	4.75
Mar	2024	3.618	$ (0.002)	$ 3.616	$1.07	4.68
Apr	2024	3.592	$ (0.007)	$ 3.585	$1.07	4.65
May	2024	3.615	$ 0.017	$ 3.632	$1.07	4.70
Jun	2024	3.685	$ 0.046	$ 3.730	$1.07	4.80
Jul	2024	3.807	$ 0.077	$ 3.883	$1.07	4.96
Aug	2024	3.840	$ 0.077	$ 3.917	$1.08	4.99
Sep	2024	3.802	$ 0.047	$ 3.849	$1.07	4.92
Oct	2024	3.775	$ 0.040	$ 3.815	$1.07	4.89
Nov	2024	3.933	$ 0.044	$ 3.976	$1.08	5.05
Dec	2024	4.077	$ 0.056	$ 4.133	$1.08	5.21
Jan	2025	4.135	$ 0.061	$ 4.196	$1.08	5.28
Feb	2025	4.161	$ 0.055	$ 4.216	$1.08	5.30
Mar	2025	4.084	$ (0.001)	$ 4.083	$1.08	5.16
Apr	2025	4.024	$ (0.011)	$ 4.013	$1.08	5.09
May	2025	4.047	$ 0.016	$ 4.063	$1.08	5.14
Jun	2025	4.077	$ 0.054	$ 4.131	$1.08	5.21
Jul	2025	4.291	$ 0.078	$ 4.370	$1.09	5.46
Aug	2025	4.327	$ 0.078	$ 4.404	$1.09	5.49
Sep	2025	3.954	$ 0.045	$ 3.999	$1.08	5.08
Oct	2025	3.931	$ 0.035	$ 3.966	$1.08	5.04
Nov	2025	4.044	$ 0.036	$ 4.080	$1.08	5.16
Dec	2025	4.230	$ 0.051	$ 4.282	$1.08	5.37
Jan	2026	4.486	$ 0.057	$ 4.543	$1.09	5.63
Feb	2026	4.511	$ 0.053	$ 4.564	$1.09	5.66
Mar	2026	4.404	$ (0.003)	$ 4.401	$1.09	5.49
Apr	2026	4.329	$ (0.001)	$ 4.328	$1.09	5.41
May	2026	4.356	$ 0.022	$ 4.378	$1.09	5.46
Jun	2026	4.419	$ 0.053	$ 4.471	$1.09	5.56
Jul	2026	4.729	$ 0.077	$ 4.806	$1.10	5.90
Aug	2026	4.766	$ 0.078	$ 4.845	$1.10	5.94
Sep	2026	4.580	$ 0.041	$ 4.621	$1.09	5.71
Oct	2026	4.509	$ 0.034	$ 4.543	$1.09	5.63
Nov	2026	4.580	$ 0.042	$ 4.622	$1.09	5.72
Dec	2026	4.785	$ 0.054	$ 4.839	$1.10	5.94
Jan	2027	4.914	$ 0.062	$ 4.995	$1.10	6.10
Feb	2027	4.964	$ 0.057	$ 5.021	$1.10	6.12
Mar	2027	4.885	$ (0.002)	$ 4.883	$1.10	5.98
Apr	2027	4.717	$ (0.007)	$ 4.710	$1.10	5.81
May	2027	4.740	$ 0.021	$ 4.761	$1.10	5.86
Jun	2027	4.829	$ 0.051	$ 4.880	$1.10	5.98
Jul	2027	5.194	$ 0.079	$ 5.273	$1.11	6.38
Aug	2027	5.231	$ 0.082	$ 5.313	$1.11	6.42
Sep	2027	5.177	$ 0.043	$ 5.220	$1.11	6.33
Oct	2027	4.938	$ 0.038	$ 4.977	$1.10	6.08
Nov	2027	5.015	$ 0.043	$ 5.057	$1.10	6.16
Dec	2027	5.256	$ 0.054	$ 5.309	$1.11	6.42
Jan	2028	5.442	$ 0.063	$ 5.505	$1.12	6.62
Feb	2028	5.475	$ 0.047	$ 5.522	$1.12	6.64
Mar	2028	5.346	$ (0.002)	$ 5.344	$1.11	6.46
Apr	2028	5.311	$ (0.006)	$ 5.305	$1.11	6.42
May	2028	5.344	$ 0.024	$ 5.367	$1.11	6.48
Jun	2028	5.586	$ 0.059	$ 5.645	$1.12	6.76
Jul	2028	5.576	$ 0.091	$ 5.667	$1.12	6.79
Aug	2028	5.618	$ 0.089	$ 5.707	$1.12	6.83
Sep	2028	5.672	$ 0.048	$ 5.720	$1.12	6.84
Oct	2028	5.619	$ 0.044	$ 5.663	$1.12	6.78
Nov	2028	5.678	$ 0.044	$ 5.722	$1.12	6.84
Dec	2028	5.999	$ 0.054	$ 6.053	$1.13	7.18
Jan	2029	6.140	$ 0.075	$ 6.215	$1.13	7.35
Feb	2029	6.178	$ 0.068	$ 6.246	$1.13	7.38
Mar	2029	5.902	$ (0.000)	$ 5.902	$1.13	7.03
Apr	2029	5.914	$ 0.002	$ 5.916	$1.13	7.04
May	2029	6.008	$ 0.027	$ 6.026	$1.13	7.15
Jun	2029	6.162	$ 0.062	$ 6.224	$1.13	7.36
Jul	2029	5.802	$ 0.091	$ 5.893	$1.12	7.02
Aug	2029	5.844	$ 0.098	$ 5.943	$1.13	7.07
Sep	2029	6.001	$ 0.053	$ 6.054	$1.13	7.18
Oct	2029	5.987	$ 0.040	$ 6.027	$1.13	7.16
Nov	2029	5.861	$ 0.063	$ 5.924	$1.13	7.05
Dec	2029	6.131	$ 0.062	$ 6.193	$1.13	7.33
Jan	2030	6.179	$ 0.075	$ 6.255	$1.13	7.39
Feb	2030	6.217	$ 0.069	$ 6.287	$1.13	7.42
Mar	2030	6.071	$ 0.004	$ 6.074	$1.13	7.20
Apr	2030	6.028	$ (0.008)	$ 6.020	$1.13	7.15
May	2030	6.064	$ 0.029	$ 6.093	$1.13	7.22
Jun	2030	6.163	$ 0.069	$ 6.232	$1.13	7.37
Jul	2030	6.600	$ 0.104	$ 6.704	$1.15	7.85
Aug	2030	6.649	$ 0.113	$ 6.761	$1.15	7.91
Sep	2030	6.551	$ 0.056	$ 6.607	$1.14	7.75
Oct	2030	6.255	$ 0.053	$ 6.307	$1.14	7.44
Nov	2030	6.140	$ 0.056	$ 6.196	$1.13	7.33
Dec	2030	6.490	$ 0.064	$ 6.553	$1.14	7.64
Jan	2031	6.574	$ 0.098	$ 6.672	$1.14	7.82
Feb	2031	6.615	$ 0.092	$ 6.708	$1.15	7.85
Mar	2031	6.485	$ 0.019	$ 6.504	$1.14	7.64
Apr	2031	6.431	$ 0.000	$ 6.431	$1.14	7.57
May	2031	6.470	$ 0.055	$ 6.525	$1.14	7.67
Jun	2031	6.558	$ 0.082	$ 6.640	$1.14	7.78
Jul	2031	7.001	$ 0.116	$ 7.117	$1.16	8.27
Aug	2031	7.070	$ 0.139	$ 7.210	$1.16	8.37
Sep	2031	6.940	$ 0.086	$ 7.026	$1.15	8.18
Oct	2031	6.723	$ 0.082	$ 6.806	$1.15	7.95
Nov	2031	6.818	$ 0.066	$ 6.884	$1.15	8.03
Dec	2031	7.054	$ 0.082	$ 7.135	$1.16	8.29
Jan	2032	7.049	$ 0.106	$ 7.155	$1.16	8.31
Feb	2032	7.087	$ 0.077	$ 7.165	$1.16	8.32
Mar	2032	7.059	$ 0.050	$ 7.109	$1.16	8.26
Apr	2032	6.843	$ 0.026	$ 6.869	$1.15	8.02
May	2032	6.880	$ 0.069	$ 6.949	$1.15	8.10
Jun	2032	6.924	$ 0.095	$ 7.019	$1.15	8.17
Jul	2032	7.118	$ 0.136	$ 7.254	$1.16	8.41
Aug	2032	7.178	$ 0.159	$ 7.338	$1.16	8.50
Sep	2032	7.075	$ 0.091	$ 7.166	$1.16	8.32
Oct	2032	7.029	$ 0.088	$ 7.117	$1.16	8.27
Nov	2032	7.193	$ 0.053	$ 7.247	$1.16	8.41
Dec	2032	7.210	$ 0.072	$ 7.283	$1.16	8.44
Jan	2033	6.946	$ 0.093	$ 6.938	$1.15	8.09
Feb	2033	6.892	$ 0.091	$ 6.983	$1.15	8.14
Mar	2033	6.825	$ 0.022	$ 6.846	$1.15	7.99
Apr	2033	6.821	$ 0.018	$ 6.839	$1.15	7.99
May	2033	6.867	$ 0.032	$ 6.899	$1.15	8.05
Jun	2033	6.915	$ 0.080	$ 6.995	$1.15	8.15
Jul	2033	7.127	$ 0.119	$ 7.246	$1.16	8.40
Aug	2033	7.189	$ 0.127	$ 7.316	$1.16	8.48
Sep	2033	7.095	$ 0.068	$ 7.163	$1.16	8.32
Oct	2033	7.079	$ 0.053	$ 7.082	$1.15	8.24
Nov	2033	7.236	$ 0.033	$ 7.268	$1.16	8.43
Dec	2033	7.489	$ 0.047	$ 7.537	$1.17	8.70
Jan	2034	7.689	$ 0.080	$ 7.769	$1.17	8.94
Feb	2034	7.467	$ 0.056	$ 7.522	$1.17	8.69
Mar	2034	7.251	$ (0.008)	$ 7.244	$1.16	8.40
Apr	2034	7.165	$ 0.009	$ 7.174	$1.16	8.33
May	2034	7.211	$ 0.039	$ 7.250	$1.16	8.41
Jun	2034	7.259	$ 0.084	$ 7.343	$1.16	8.50
Jul	2034	7.607	$ 0.125	$ 7.732	$1.17	8.90
Aug	2034	7.666	$ 0.144	$ 7.809	$1.17	8.98
Sep	2034	7.520	$ 0.074	$ 7.595	$1.17	8.76
Oct	2034	7.335	$ 0.049	$ 7.384	$1.16	8.55
Nov	2034	7.652	$ 0.034	$ 7.686	$1.17	8.86
Dec	2034	7.921	$ 0.055	$ 7.977	$1.18	9.15
Jan	2035	8.040	$ 0.086	$ 8.126	$1.18	9.31
Feb	2035	8.021	$ 0.065	$ 8.146	$1.18	9.33
Mar	2035	7.835	$ 0.018	$ 7.853	$1.17	9.03
Apr	2035	7.481	$ 0.023	$ 7.505	$1.17	8.67
May	2035	7.439	$ 0.046	$ 7.574	$1.17	8.74
Jun	2035	7.576	$ 0.091	$ 7.667	$1.17	8.84
Jul	2035	7.968	$ 0.130	$ 8.098	$1.18	9.28
Aug	2035	8.018	$ 0.147	$ 8.165	$1.18	9.35
Sep	2035	7.884	$ 0.075	$ 7.959	$1.18	9.14
Oct	2035	7.682	$ 0.048	$ 7.730	$1.17	8.90
Nov	2035	7.748	$ 0.033	$ 7.781	$1.17	8.95
Dec	2035	7.963	$ 0.058	$ 8.021	$1.18	9.20
Jan	2036	8.009	$ 0.093	$ 8.102	$1.18	9.28
Feb	2036	8.043	$ 0.034	$ 8.078	$1.18	9.26
Mar	2036	7.909	$ 0.020	$ 7.929	$1.18	9.10
Apr	2036	7.599	$ 0.023	$ 7.622	$1.17	8.79
May	2036	7.646	$ 0.049	$ 7.696	$1.17	8.87
Jun	2036	7.702	$ 0.096	$ 7.799	$1.17	8.97
Jul	2036	7.930	$ 0.135	$ 8.065	$1.18	9.24
Aug	2036	7.987	$ 0.150	$ 8.137	$1.18	9.32
Sep	2036	7.948	$ 0.089	$ 8.037	$1.18	9.22
Oct	2036	7.896	$ 0.076	$ 7.971	$1.18	9.15
Nov	2036	8.002	$ 0.051	$ 8.053	$1.18	9.23
Dec	2036	8.368	$ 0.064	$ 8.432	$1.19	9.62
Jan	2037	8.526	$ 0.105	$ 8.631	$1.19	9.82
Feb	2037	8.579	$ 0.081	$ 8.661	$1.19	9.86
Mar	2037	8.443	$ 0.024	$ 8.477	$1.18	9.67
Apr	2037	8.209	$ 0.021	$ 8.229	$1.18	9.41
May	2037	8.259	$ 0.055	$ 8.314	$1.19	9.50
Jun	2037	8.347	$ 0.111	$ 8.452	$1.19	9.64
Jul	2037	8.699	$ 0.147	$ 8.846	$1.20	10.04
Aug	2037	8.757	$ 0.147	$ 8.904	$1.20	10.10
Sep	2037	8.636	$ 0.096	$ 8.732	$1.20	9.93
Oct	2037	8.542	$ 0.074	$ 8.616	$1.19	9.81
Nov	2037	8.650	$ 0.052	$ 8.702	$1.20	9.90
Dec	2037	8.811	$ 0.078	$ 9.089	$1.20	10.29
Jan	2038	9.175	$ 0.111	$ 9.286	$1.21	10.50
Feb	2038	9.231	$ 0.088	$ 9.319	$1.21	10.53
Mar	2038	9.090	$ 0.026	$ 9.115	$1.21	10.32
Apr	2038	8.779	$ 0.044	$ 8.823	$1.20	10.02
May	2038	8.833	$ 0.060	$ 8.893	$1.20	10.09
Jun	2038	8.897	$ 0.118	$ 9.015	$1.20	10.22
Jul	2038	9.149	$ 0.152	$ 9.301	$1.21	10.51
Aug	2038	9.214	$ 0.145	$ 9.359	$1.21	10.57
Sep	2038	9.007	$ 0.104	$ 9.111	$1.21	10.32
Oct	2038	8.916	$ 0.064	$ 8.980	$1.20	10.18
Nov	2038	9.064	$ 0.073	$ 9.137	$1.21	10.34
Dec	2038	9.388	$ 0.100	$ 9.488	$1.21	10.70
Jan	2039	9.405	$ 0.119	$ 9.524	$1.22	10.74
Feb	2039	9.463	$ 0.101	$ 9.564	$1.22	10.78
Mar	2039	9.237	$ 0.032	$ 9.269	$1.21	10.48
Apr	2039	8.444	$ 0.041	$ 8.685	$1.19	9.88
May	2039	8.694	$ 0.052	$ 8.746	$1.20	9.94
Jun	2039	8.750	$ 0.115	$ 8.865	$1.20	10.06
Jul	2039	8.918	$ 0.129	$ 8.967	$1.20	10.17
Aug	2039	9.603	$ 0.145	$ 9.749	$1.22	10.97
Sep	2039	9.561	$ 0.088	$ 9.649	$1.22	10.87
Oct	2039	9.396	$ 0.081	$ 9.287	$1.21	10.50
Nov	2039	9.310	$ 0.063	$ 9.373	$1.21	10.58
Dec	2039	9.596	$ 0.087	$ 9.683	$1.22	10.90
Jan	2040	9.823	$ 0.098	$ 9.920	$1.23	11.15
Feb	2040	9.874	$ 0.061	$ 9.935	$1.23	11.16
Mar	2040	9.714	$ 0.033	$ 9.747	$1.22	10.97
Apr	2040	9.392	$ 0.013	$ 9.405	$1.21	10.62
May	2040	9.446	$ 0.058	$ 9.504	$1.22	10.72
Jun	2040	9.526	$ 0.108	$ 9.634	$1.22	10.85
Jul	2040	9.875	$ 0.144	$ 10.020	$1.23	11.25
Aug	2040	9.935	$ 0.155	$ 10.090	$1.23	11.32
Sep	2040	9.916	$ 0.098	$ 10.014	$1.23	11.24
Oct	2040	9.694	$ 0.086	$ 9.780	$1.22	11.00
Nov	2040	9.797	$ 0.069	$ 9.866	$1.22	11.09
Dec	2040	10.132	$ 0.111	$ 10.243	$1.23	11.48
Jan	2041	10.303	$ 0.113	$ 10.415	$1.24	11.65
Feb	2041	10.342	$ 0.083	$ 10.425	$1.24	11.66
Mar	2041	10.122	$ 0.037	$ 10.159	$1.23	11.39
Apr	2041	9.753	$ 0.048	$ 9.801	$1.22	11.02
May	2041	9.815	$ 0.061	$ 9.874	$1.22	11.10
Jun	2041	9.918	$ 0.124	$ 10.041	$1.23	11.27
Jul	2041	10.353	$ 0.166	$ 10.519	$1.24	11.76
Aug	2041	10.414	$ 0.158	$ 10.572	$1.24	11.81
Sep	2041	10.418	$ 0.116	$ 10.534	$1.24	11.77
Oct	2041	10.075	$ 0.061	$ 10.137	$1.23	11.37
Nov	2041	10.261	$ 0.077	$ 10.338	$1.24	11.57
Dec	2041	10.551	$ 0.127	$ 10.678	$1.24	11.92
Jan	2042	10.687	$ 0.120	$ 10.807	$1.25	12.05
Feb	2042	10.791	$ 0.089	$ 10.820	$1.25	12.07
Mar	2042	10.504	$ 0.033	$ 10.537	$1.24	11.78
Apr	2042	10.210	$ 0.045	$ 10.255	$1.23	11.49
May	2042	10.273	$ 0.063	$ 10.336	$1.24	11.57
Jun	2042	10.373	$ 0.134	$ 10.507	$1.24	11.75
Jul	2042	10.902	$ 0.168	$ 11.070	$1.25	12.32
Aug	2042	10.971	$ 0.171	$ 11.142	$1.26	12.40
Sep	2042	10.935	$ 0.120	$ 11.055	$1.25	12.31
Oct	2042	10.560	$ 0.080	$ 10.640	$1.24	11.88
Nov	2042	10.618	$ 0.075	$ 10.693	$1.24	11.94
Dec	2042	10.954	$ 0.102	$ 11.055	$1.25	12.31
Jan	2043	11.155	$ 0.105	$ 11.260	$1.26	12.52
Feb	2043	11.191	$ 0.058	$ 11.249	$1.26	12.51
Mar	2043	10.972	$ 0.035	$ 11.007	$1.25	12.26
Apr	2043	10.591	$ 0.028	$ 10.620	$1.24	11.86
May	2043	10.656	$ 0.050	$ 10.707	$1.25	11.95
Jun	2043	10.797	$ 0.106	$ 10.843	$1.25	12.09
Jul	2043	11.261	$ 0.164	$ 11.426	$1.26	12.69
Aug	2043	11.329	$ 0.156	$ 11.485	$1.26	12.75
Sep	2043	11.196	$ 0.091	$ 11.456	$1.26	12.72
Oct	2043	10.942	$ 0.077	$ 11.018	$1.25	12.27
Nov	2043	11.036	$ 0.066	$ 11.103	$1.26	12.36
Dec	2043	11.354	$ 0.097	$ 11.451	$1.26	12.76
Jan	2044	11.212	$ 0.099	$ 11.311	$1.26	12.57
Feb	2044	11.261	$ 0.059	$ 11.320	$1.26	12.58
Mar	2044	11.025	$ 0.025	$ 11.050	$1.25	12.30
Apr	2044	10.824	$ 0.029	$ 10.853	$1.25	12.10
May	2044	10.887	$ 0.040	$ 10.926	$1.25	12.18
Jun	2044	10.952	$ 0.105	$ 11.057	$1.25	12.31
Jul	2044	11.455	$ 0.160	$ 11.615	$1.27	12.88
Aug	2044	11.525	$ 0.162	$ 11.687	$1.27	12.96
Sep	2044	11.504	$ 0.080	$ 11.584	$1.27	12.85
Oct	2044	11.213	$ 0.045	$ 11.258	$1.26	12.52
Nov	2044	11.387	$ 0.060	$ 11.447	$1.26	12.71
Dec	2044	11.740	$ 0.099	$ 11.839	$1.27	13.11
Jan	2045	11.803	$ 0.107	$ 11.910	$1.28	13.19
Feb	2045	11.873	$ 0.056	$ 11.928	$1.28	13.20
Mar	2045	11.683	$ 0.031	$ 11.714	$1.27	12.98
Apr	2045	11.414	$ 0.026	$ 11.440	$1.26	12.70
May	2045	11.474	$ 0.042	$ 11.516	$1.27	12.78
Jun	2045	11.545	$ 0.109	$ 11.654	$1.27	12.92
Jul	2045	12.078	$ 0.157	$ 12.235	$1.28	13.52
Aug	2045	12.154	$ 0.169	$ 12.323	$1.29	13.61
Sep	2045	12.175	$ 0.085	$ 12.259	$1.28	13.54
Oct	2045	11.815	$ 0.062	$ 11.876	$1.27	13.15
Nov	2045	12.005	$ 0.062	$ 12.067	$1.28	13.35
Dec	2045	12.362	$ 0.096	$ 12.458	$1.29	13.75
Jan	2046	12.608	$ 0.115	$ 12.723	$1.30	14.02
Feb	2046	12.647	$ 0.062	$ 12.708	$1.30	14.00
Mar	2046	12.352	$ 0.022	$ 12.374	$1.29	13.66
Apr	2046	12.007	$ 0.018	$ 12.025	$1.28	13.30
May	2046	12.059	$ 0.043	$ 12.103	$1.28	13.38
Jun	2046	12.132	$ 0.110	$ 12.241	$1.28	13.52
Jul	2046	12.749	$ 0.158	$ 12.908	$1.30	14.21
Aug	2046	12.831	$ 0.176	$ 13.007	$1.30	14.31
Sep	2046	12.789	$ 0.081	$ 12.870	$1.30	14.17
Oct	2046	12.385	$ 0.062	$ 12.447	$1.29	13.74
Nov	2046	12.499	$ 0.064	$ 12.563	$1.29	13.85
Dec	2046	12.826	$ 0.103	$ 12.929	$1.30	14.23
Jan	2047	13.168	$ 0.126	$ 13.294	$1.31	14.60
Feb	2047	13.190	$ 0.058	$ 13.248	$1.31	14.56
Mar	2047	12.721	$ 0.019	$ 12.740	$1.30	14.04
Apr	2047	12.424	$ 0.022	$ 12.447	$1.29	13.74
May	2047	12.475	$ 0.039	$ 12.514	$1.29	13.80
Jun	2047	12.548	$ 0.123	$ 12.671	$1.29	13.97
Jul	2047	13.163	$ 0.165	$ 13.327	$1.31	14.64
Aug	2047	13.242	$ 0.182	$ 13.427	$1.31	14.74
Sep	2047	13.239	$ 0.088	$ 13.327	$1.31	14.64
Oct	2047	13.003	$ 0.052	$ 13.055	$1.30	14.36
Nov	2047	13.118	$ 0.052	$ 13.170	$1.31	14.48
Dec	2047	13.170	$ 0.093	$ 13.263	$1.31	14.57
Jan	2048	13.311	$ 0.109	$ 13.420	$1.31	14.73
Feb	2048	13.376	$ 0.036	$ 13.411	$1.31	14.72
Mar	2048	13.073	$ 0.007	$ 13.080	$1.30	14.38
Apr	2048	12.884	$ 0.022	$ 12.906	$1.30	14.21
May	2048	12.957	$ 0.032	$ 12.989	$1.30	14.29
Jun	2048	13.091

CONFIDENTIAL

DEF NATURAL GAS DISPATCH PRICES

Month	Year	Base Hlt Regular Supply Cost	Physical Basis FGT Z3	Base Cost Regular Supply Z3	FGT MMBTU Variable Cost	FGT Variable MMBTU Delivered Costs
Jan	2019	3.130	$ (0.046)	$ 3.084	$0.23	3.29
Feb	2019	2.690	$ (0.019)	$ 2.671	$0.22	2.89
Mar	2019	2.950	$ (0.003)	$ 2.947	$0.22	3.17
Apr	2019	2.650	$ (0.001)	$ 2.649	$0.21	2.86
May	2019	2.640	$ 0.005	$ 2.645	$0.21	2.86
Jun	2019	2.400	$ 0.037	$ 2.437	$0.21	2.65
Jul	2019	2.370	$ 0.048	$ 2.418	$0.21	2.63
Aug	2019	2.220	$ 0.056	$ 2.276	$0.21	2.48
Sep	2019	2.560	$ 0.016	$ 2.576	$0.21	2.79
Oct	2019	2.743	$ 0.010	$ 2.753	$0.22	2.97
Nov	2019	2.303	$ 0.012	$ 2.315	$0.21	2.52
Dec	2019	2.495	$ 0.023	$ 2.518	$0.21	2.73
Jan	2020	2.612	$ 0.035	$ 2.647	$0.21	2.86
Feb	2020	2.575	$ 0.024	$ 2.599	$0.21	2.81
Mar	2020	2.462	$ (0.026)	$ 2.442	$0.21	2.65
Apr	2020	2.247	$ (0.019)	$ 2.228	$0.20	2.43
May	2020	2.234	$ 0.005	$ 2.239	$0.20	2.44
Jun	2020	2.278	$ 0.026	$ 2.304	$0.21	2.51
Jul	2020	2.326	$ 0.048	$ 2.374	$0.21	2.58
Aug	2020	2.335	$ 0.055	$ 2.390	$0.21	2.60
Sep	2020	2.318	$ 0.012	$ 2.330	$0.21	2.54
Oct	2020	2.344	$ 0.016	$ 2.360	$0.21	2.57
Nov	2020	2.409	$ 0.025	$ 2.434	$0.21	2.64
Dec	2020	2.578	$ 0.034	$ 2.612	$0.21	2.83
Jan	2021	2.694	$ 0.038	$ 2.732	$0.22	2.95
Feb	2021	2.754	$ 0.033	$ 2.786	$0.22	2.90
Mar	2021	2.538	$ (0.015)	$ 2.523	$0.21	2.73
Apr	2021	2.293	$ (0.021)	$ 2.272	$0.21	2.48
May	2021	2.281	$ 0.005	$ 2.286	$0.21	2.49
Jun	2021	2.320	$ 0.025	$ 2.345	$0.21	2.55
Jul	2021	2.360	$ 0.047	$ 2.407	$0.21	2.62
Aug	2021	2.377	$ 0.058	$ 2.435	$0.21	2.64
Sep	2021	2.384	$ 0.011	$ 2.395	$0.21	2.60
Oct	2021	2.408	$ 0.018	$ 2.426	$0.21	2.64
Nov	2021	2.483	$ 0.027	$ 2.510	$0.21	2.72
Dec	2021	2.648	$ 0.038	$ 2.686	$0.22	2.90
Jan	2022	2.754	$ 0.041	$ 2.795	$0.22	3.01
Feb	2022	2.746	$ 0.036	$ 2.781	$0.22	3.00
Mar	2022	2.688	$ (0.013)	$ 2.675	$0.22	2.89
Apr	2022	2.562	$ (0.016)	$ 2.546	$0.21	2.76
May	2022	2.575	$ 0.007	$ 2.581	$0.21	2.79
Jun	2022	2.622	$ 0.034	$ 2.656	$0.22	2.87
Jul	2022	2.694	$ 0.059	$ 2.753	$0.22	2.97
Aug	2022	2.730	$ 0.066	$ 2.796	$0.22	3.01
Sep	2022	2.742	$ 0.021	$ 2.763	$0.22	2.98
Oct	2022	2.783	$ 0.004	$ 2.787	$0.22	3.01
Nov	2022	2.859	$ 0.034	$ 2.893	$0.22	3.11
Dec	2022	3.054	$ 0.044	$ 3.049	$0.22	3.27
Jan	2023	3.093	$ 0.052	$ 3.145	$0.23	3.37
Feb	2023	3.109	$ 0.047	$ 3.156	$0.23	3.38
Mar	2023	3.044	$ (0.003)	$ 3.042	$0.22	3.27
Apr	2023	2.964	$ (0.008)	$ 2.956	$0.22	3.18
May	2023	2.996	$ 0.016	$ 3.012	$0.22	3.24
Jun	2023	3.053	$ 0.042	$ 3.094	$0.23	3.32
Jul	2023	3.173	$ 0.068	$ 3.242	$0.23	3.47
Aug	2023	3.218	$ 0.076	$ 3.295	$0.23	3.53
Sep	2023	3.214	$ 0.029	$ 3.243	$0.23	3.47
Oct	2023	3.218	$ 0.030	$ 3.248	$0.23	3.48
Nov	2023	3.423	$ 0.037	$ 3.460	$0.24	3.70
Dec	2023	3.514	$ 0.053	$ 3.567	$0.24	3.80
Jan	2024	3.608	$ 0.058	$ 3.666	$0.24	3.91
Feb	2024	3.631	$ 0.050	$ 3.681	$0.24	3.92
Mar	2024	3.618	$ (0.002)	$ 3.616	$0.24	3.86
Apr	2024	3.592	$ (0.007)	$ 3.585	$0.24	3.82
May	2024	3.615	$ 0.017	$ 3.632	$0.24	3.87
Jun	2024	3.685	$ 0.046	$ 3.730	$0.24	3.97
Jul	2024	3.807	$ 0.077	$ 3.883	$0.25	4.13
Aug	2024	3.840	$ 0.077	$ 3.917	$0.25	4.16
Sep	2024	3.802	$ 0.047	$ 3.849	$0.24	4.09
Oct	2024	3.775	$ 0.040	$ 3.815	$0.24	4.06
Nov	2024	3.933	$ 0.044	$ 3.976	$0.25	4.22
Dec	2024	4.077	$ 0.056	$ 4.133	$0.25	4.38
Jan	2025	4.136	$ 0.061	$ 4.196	$0.25	4.45
Feb	2025	4.161	$ 0.055	$ 4.216	$0.25	4.47
Mar	2025	4.084	$ (0.001)	$ 4.083	$0.25	4.33
Apr	2025	4.024	$ (0.011)	$ 4.013	$0.25	4.26
May	2025	4.047	$ 0.016	$ 4.063	$0.25	4.31
Jun	2025	4.077	$ 0.054	$ 4.131	$0.25	4.38
Jul	2025	4.291	$ 0.078	$ 4.370	$0.26	4.63
Aug	2025	4.327	$ 0.078	$ 4.404	$0.26	4.66
Sep	2025	3.954	$ 0.045	$ 3.999	$0.25	4.25
Oct	2025	3.931	$ 0.035	$ 3.966	$0.25	4.21
Nov	2025	4.044	$ 0.036	$ 4.080	$0.25	4.33
Dec	2025	4.230	$ 0.051	$ 4.282	$0.26	4.54
Jan	2026	4.486	$ 0.057	$ 4.543	$0.26	4.81
Feb	2026	4.511	$ 0.053	$ 4.564	$0.26	4.83
Mar	2026	4.404	$ (0.003)	$ 4.401	$0.26	4.66
Apr	2026	4.329	$ (0.001)	$ 4.328	$0.26	4.58
May	2026	4.356	$ 0.022	$ 4.378	$0.26	4.64
Jun	2026	4.419	$ 0.053	$ 4.471	$0.26	4.73
Jul	2026	4.729	$ 0.077	$ 4.806	$0.27	5.07
Aug	2026	4.766	$ 0.078	$ 4.845	$0.27	5.11
Sep	2026	4.580	$ 0.041	$ 4.621	$0.26	4.89
Oct	2026	4.509	$ 0.034	$ 4.543	$0.26	4.81
Nov	2026	4.580	$ 0.042	$ 4.622	$0.26	4.89
Dec	2026	4.785	$ 0.054	$ 4.839	$0.27	5.11
Jan	2027	4.934	$ 0.062	$ 4.995	$0.27	5.27
Feb	2027	4.964	$ 0.057	$ 5.021	$0.27	5.30
Mar	2027	4.885	$ (0.002)	$ 4.883	$0.27	5.15
Apr	2027	4.712	$ (0.002)	$ 4.710	$0.27	4.98
May	2027	4.745	$ 0.021	$ 4.761	$0.27	5.03
Jun	2027	4.829	$ 0.051	$ 4.880	$0.27	5.15
Jul	2027	5.195	$ 0.079	$ 5.273	$0.28	5.55
Aug	2027	5.231	$ 0.082	$ 5.313	$0.28	5.59
Sep	2027	5.177	$ 0.043	$ 5.220	$0.28	5.50
Oct	2027	4.938	$ 0.038	$ 4.977	$0.27	5.25
Nov	2027	5.014	$ 0.043	$ 5.057	$0.28	5.33
Dec	2027	5.256	$ 0.054	$ 5.309	$0.28	5.59
Jan	2028	5.442	$ 0.063	$ 5.505	$0.29	5.79
Feb	2028	5.475	$ 0.047	$ 5.522	$0.29	5.81
Mar	2028	5.346	$ (0.002)	$ 5.344	$0.28	5.63
Apr	2028	5.311	$ (0.006)	$ 5.305	$0.28	5.59
May	2028	5.344	$ 0.024	$ 5.367	$0.28	5.65
Jun	2028	5.586	$ 0.059	$ 5.645	$0.29	5.93
Jul	2028	5.576	$ 0.091	$ 5.667	$0.29	5.96
Aug	2028	5.618	$ 0.089	$ 5.707	$0.29	6.00
Sep	2028	5.672	$ 0.048	$ 5.720	$0.29	6.01
Oct	2028	5.619	$ 0.044	$ 5.663	$0.29	5.95
Nov	2028	5.676	$ 0.046	$ 5.722	$0.29	6.01
Dec	2028	5.999	$ 0.054	$ 6.053	$0.30	6.35
Jan	2029	6.140	$ 0.075	$ 6.215	$0.30	6.52
Feb	2029	6.178	$ 0.068	$ 6.246	$0.30	6.55
Mar	2029	5.894	$ 0.007	$ 5.902	$0.30	6.20
Apr	2029	5.914	$ 0.002	$ 5.916	$0.30	6.21
May	2029	5.999	$ 0.027	$ 6.026	$0.30	6.33
Jun	2029	6.163	$ 0.062	$ 6.224	$0.30	6.53
Jul	2029	5.802	$ 0.091	$ 5.893	$0.30	6.19
Aug	2029	5.845	$ 0.098	$ 5.943	$0.30	6.24
Sep	2029	6.001	$ 0.053	$ 6.054	$0.30	6.35
Oct	2029	5.987	$ 0.040	$ 6.027	$0.30	6.33
Nov	2029	5.861	$ 0.063	$ 5.924	$0.30	6.22
Dec	2029	6.131	$ 0.062	$ 6.193	$0.30	6.50
Jan	2030	6.179	$ 0.075	$ 6.255	$0.31	6.56
Feb	2030	6.217	$ 0.069	$ 6.287	$0.31	6.59
Mar	2030	6.071	$ 0.004	$ 6.074	$0.30	6.37
Apr	2030	6.028	$ (0.008)	$ 6.020	$0.30	6.32
May	2030	6.064	$ 0.029	$ 6.093	$0.30	6.39
Jun	2030	6.183	$ 0.049	$ 6.232	$0.30	6.54
Jul	2030	6.600	$ 0.104	$ 6.704	$0.32	7.02
Aug	2030	6.649	$ 0.113	$ 6.761	$0.32	7.08
Sep	2030	6.551	$ 0.056	$ 6.607	$0.31	6.92
Oct	2030	6.255	$ 0.053	$ 6.307	$0.31	6.61
Nov	2030	6.140	$ 0.056	$ 6.196	$0.30	6.50
Dec	2030	6.439	$ 0.064	$ 6.503	$0.31	6.81
Jan	2031	6.574	$ 0.098	$ 6.672	$0.32	6.99
Feb	2031	6.615	$ 0.092	$ 6.708	$0.32	7.02
Mar	2031	6.485	$ 0.019	$ 6.504	$0.31	6.82
Apr	2031	6.431	$ 0.000	$ 6.431	$0.31	6.74
May	2031	6.470	$ 0.055	$ 6.525	$0.31	6.84
Jun	2031	6.558	$ 0.082	$ 6.640	$0.31	6.95
Jul	2031	7.001	$ 0.116	$ 7.117	$0.33	7.44
Aug	2031	7.070	$ 0.139	$ 7.210	$0.33	7.54
Sep	2031	6.940	$ 0.086	$ 7.026	$0.32	7.35
Oct	2031	6.724	$ 0.082	$ 6.806	$0.32	7.12
Nov	2031	6.818	$ 0.066	$ 6.884	$0.32	7.20
Dec	2031	7.054	$ 0.082	$ 7.135	$0.33	7.46
Jan	2032	7.049	$ 0.106	$ 7.155	$0.33	7.48
Feb	2032	7.087	$ 0.077	$ 7.165	$0.33	7.49
Mar	2032	7.059	$ 0.050	$ 7.109	$0.33	7.44
Apr	2032	6.843	$ 0.026	$ 6.869	$0.32	7.19
May	2032	6.880	$ 0.069	$ 6.949	$0.32	7.27
Jun	2032	6.924	$ 0.095	$ 7.019	$0.32	7.34
Jul	2032	7.118	$ 0.136	$ 7.254	$0.33	7.58
Aug	2032	7.178	$ 0.159	$ 7.338	$0.33	7.67
Sep	2032	7.075	$ 0.091	$ 7.166	$0.33	7.49
Oct	2032	7.029	$ 0.088	$ 7.117	$0.33	7.44
Nov	2032	7.193	$ 0.053	$ 7.247	$0.33	7.58
Dec	2032	7.210	$ 0.072	$ 7.283	$0.33	7.61
Jan	2033	6.845	$ 0.093	$ 6.938	$0.32	7.26
Feb	2033	6.892	$ 0.091	$ 6.983	$0.32	7.31
Mar	2033	6.825	$ 0.022	$ 6.846	$0.32	7.17
Apr	2033	6.823	$ 0.016	$ 6.839	$0.32	7.16
May	2033	6.867	$ 0.032	$ 6.899	$0.32	7.22
Jun	2033	6.915	$ 0.080	$ 6.995	$0.32	7.32
Jul	2033	7.127	$ 0.119	$ 7.246	$0.33	7.58
Aug	2033	7.189	$ 0.127	$ 7.316	$0.33	7.65
Sep	2033	7.095	$ 0.068	$ 7.163	$0.33	7.49
Oct	2033	7.029	$ 0.053	$ 7.082	$0.33	7.41
Nov	2033	7.196	$ 0.033	$ 7.268	$0.33	7.60
Dec	2033	7.489	$ 0.047	$ 7.537	$0.34	7.87
Jan	2034	7.689	$ 0.080	$ 7.769	$0.34	8.11
Feb	2034	7.447	$ 0.056	$ 7.522	$0.34	7.86
Mar	2034	7.251	$ (0.008)	$ 7.244	$0.33	7.57
Apr	2034	7.165	$ 0.009	$ 7.174	$0.33	7.50
May	2034	7.211	$ 0.039	$ 7.250	$0.33	7.58
Jun	2034	7.259	$ 0.084	$ 7.343	$0.33	7.68
Jul	2034	7.607	$ 0.125	$ 7.732	$0.34	8.07
Aug	2034	7.666	$ 0.144	$ 7.809	$0.34	8.15
Sep	2034	7.520	$ 0.074	$ 7.595	$0.34	7.93
Oct	2034	7.335	$ 0.049	$ 7.384	$0.33	7.72
Nov	2034	7.652	$ 0.034	$ 7.686	$0.34	8.03
Dec	2034	7.921	$ 0.055	$ 7.977	$0.35	8.33
Jan	2035	8.040	$ 0.086	$ 8.126	$0.35	8.48
Feb	2035	8.081	$ 0.065	$ 8.146	$0.35	8.50
Mar	2035	7.835	$ 0.018	$ 7.853	$0.35	8.20
Apr	2035	7.481	$ 0.023	$ 7.505	$0.34	7.84
May	2035	7.528	$ 0.046	$ 7.574	$0.34	7.91
Jun	2035	7.576	$ 0.091	$ 7.667	$0.34	8.01
Jul	2035	7.968	$ 0.130	$ 8.098	$0.35	8.45
Aug	2035	8.018	$ 0.147	$ 8.165	$0.35	8.52
Sep	2035	7.884	$ 0.075	$ 7.959	$0.35	8.31
Oct	2035	7.682	$ 0.048	$ 7.730	$0.34	8.07
Nov	2035	7.748	$ 0.033	$ 7.781	$0.34	8.12
Dec	2035	7.987	$ 0.058	$ 8.021	$0.35	8.37
Jan	2036	8.009	$ 0.093	$ 8.102	$0.35	8.45
Feb	2036	8.043	$ 0.034	$ 8.078	$0.35	8.43
Mar	2036	7.970	$ 0.020	$ 7.929	$0.35	8.28
Apr	2036	7.599	$ 0.023	$ 7.622	$0.34	7.96
May	2036	7.646	$ 0.049	$ 7.696	$0.34	8.04
Jun	2036	7.702	$ 0.096	$ 7.799	$0.34	8.14
Jul	2036	7.930	$ 0.135	$ 8.065	$0.35	8.42
Aug	2036	7.987	$ 0.150	$ 8.137	$0.35	8.49
Sep	2036	7.948	$ 0.089	$ 8.037	$0.35	8.39
Oct	2036	7.896	$ 0.076	$ 7.971	$0.35	8.32
Nov	2036	8.002	$ 0.051	$ 8.053	$0.35	8.40
Dec	2036	8.368	$ 0.064	$ 8.432	$0.36	8.79
Jan	2037	8.526	$ 0.105	$ 8.631	$0.36	9.00
Feb	2037	8.579	$ 0.081	$ 8.661	$0.37	9.03
Mar	2037	8.453	$ 0.024	$ 8.477	$0.36	8.84
Apr	2037	8.209	$ 0.021	$ 8.229	$0.35	8.58
May	2037	8.259	$ 0.055	$ 8.314	$0.36	8.67
Jun	2037	8.342	$ 0.111	$ 8.452	$0.36	8.81
Jul	2037	8.698	$ 0.147	$ 8.846	$0.37	9.22
Aug	2037	8.757	$ 0.147	$ 8.904	$0.37	9.28
Sep	2037	8.636	$ 0.096	$ 8.732	$0.37	9.10
Oct	2037	8.542	$ 0.074	$ 8.616	$0.36	8.98
Nov	2037	8.650	$ 0.052	$ 8.702	$0.37	9.07
Dec	2037	9.011	$ 0.078	$ 9.089	$0.38	9.46
Jan	2038	9.175	$ 0.111	$ 9.286	$0.38	9.67
Feb	2038	9.231	$ 0.088	$ 9.319	$0.38	9.70
Mar	2038	9.090	$ 0.026	$ 9.115	$0.38	9.49
Apr	2038	8.779	$ 0.044	$ 8.823	$0.37	9.19
May	2038	8.833	$ 0.060	$ 8.893	$0.37	9.26
Jun	2038	8.897	$ 0.118	$ 9.015	$0.37	9.39
Jul	2038	9.149	$ 0.152	$ 9.301	$0.38	9.68
Aug	2038	9.214	$ 0.145	$ 9.359	$0.38	9.74
Sep	2038	9.007	$ 0.104	$ 9.111	$0.38	9.49
Oct	2038	8.916	$ 0.064	$ 8.980	$0.37	9.35
Nov	2038	9.064	$ 0.073	$ 9.137	$0.38	9.51
Dec	2038	9.388	$ 0.100	$ 9.488	$0.39	9.87
Jan	2039	9.405	$ 0.119	$ 9.524	$0.39	9.91
Feb	2039	9.463	$ 0.101	$ 9.564	$0.39	9.95
Mar	2039	9.237	$ 0.032	$ 9.269	$0.38	9.65
Apr	2039	8.644	$ 0.041	$ 8.685	$0.37	9.05
May	2039	8.694	$ 0.052	$ 8.746	$0.37	9.11
Jun	2039	8.750	$ 0.115	$ 8.865	$0.37	9.24
Jul	2039	8.838	$ 0.129	$ 8.967	$0.37	9.34
Aug	2039	9.605	$ 0.145	$ 9.749	$0.39	10.14
Sep	2039	9.561	$ 0.088	$ 9.649	$0.39	10.04
Oct	2039	9.206	$ 0.081	$ 9.287	$0.38	9.67
Nov	2039	9.193	$ 0.063	$ 9.373	$0.38	9.76
Dec	2039	9.596	$ 0.087	$ 9.683	$0.39	10.07
Jan	2040	9.823	$ 0.098	$ 9.920	$0.40	10.32
Feb	2040	9.874	$ 0.061	$ 9.935	$0.40	10.33
Mar	2040	9.714	$ 0.033	$ 9.747	$0.39	10.14
Apr	2040	9.392	$ 0.013	$ 9.405	$0.38	9.79
May	2040	9.446	$ 0.058	$ 9.504	$0.39	9.89
Jun	2040	9.526	$ 0.108	$ 9.634	$0.39	10.02
Jul	2040	9.975	$ 0.144	$ 10.020	$0.40	10.42
Aug	2040	9.935	$ 0.155	$ 10.090	$0.40	10.49
Sep	2040	9.916	$ 0.098	$ 10.014	$0.40	10.41
Oct	2040	9.694	$ 0.086	$ 9.780	$0.39	10.17
Nov	2040	9.797	$ 0.069	$ 9.866	$0.40	10.26
Dec	2040	10.152	$ 0.111	$ 10.263	$0.41	10.65
Jan	2041	10.303	$ 0.113	$ 10.415	$0.41	10.82
Feb	2041	10.342	$ 0.083	$ 10.425	$0.41	10.83
Mar	2041	10.122	$ 0.037	$ 10.159	$0.40	10.56
Apr	2041	9.753	$ 0.048	$ 9.801	$0.39	10.19
May	2041	9.813	$ 0.061	$ 9.874	$0.40	10.27
Jun	2041	9.918	$ 0.124	$ 10.041	$0.40	10.44
Jul	2041	10.353	$ 0.166	$ 10.519	$0.41	10.93
Aug	2041	10.415	$ 0.158	$ 10.572	$0.41	10.99
Sep	2041	10.418	$ 0.116	$ 10.534	$0.41	10.95
Oct	2041	10.075	$ 0.061	$ 10.137	$0.40	10.54
Nov	2041	10.261	$ 0.077	$ 10.338	$0.41	10.75
Dec	2041	10.551	$ 0.127	$ 10.678	$0.42	11.09
Jan	2042	10.687	$ 0.120	$ 10.807	$0.42	11.23
Feb	2042	10.731	$ 0.089	$ 10.820	$0.42	11.24
Mar	2042	10.504	$ 0.033	$ 10.537	$0.41	10.95
Apr	2042	10.210	$ 0.045	$ 10.255	$0.41	10.66
May	2042	10.273	$ 0.063	$ 10.336	$0.41	10.74
Jun	2042	10.373	$ 0.134	$ 10.507	$0.41	10.92
Jul	2042	10.902	$ 0.168	$ 11.070	$0.43	11.50
Aug	2042	10.971	$ 0.171	$ 11.142	$0.43	11.57
Sep	2042	10.935	$ 0.120	$ 11.055	$0.43	11.48
Oct	2042	10.560	$ 0.080	$ 10.640	$0.41	11.05
Nov	2042	10.618	$ 0.075	$ 10.693	$0.42	11.11
Dec	2042	10.954	$ 0.102	$ 11.055	$0.43	11.48
Jan	2043	11.155	$ 0.105	$ 11.260	$0.43	11.69
Feb	2043	11.191	$ 0.056	$ 11.249	$0.43	11.68
Mar	2043	10.972	$ 0.035	$ 11.007	$0.42	11.43
Apr	2043	10.591	$ 0.028	$ 10.620	$0.41	11.03
May	2043	10.656	$ 0.050	$ 10.707	$0.42	11.12
Jun	2043	10.737	$ 0.106	$ 10.843	$0.42	11.26
Jul	2043	11.261	$ 0.164	$ 11.426	$0.43	11.86
Aug	2043	11.329	$ 0.156	$ 11.485	$0.44	11.92
Sep	2043	11.365	$ 0.091	$ 11.456	$0.44	11.89
Oct	2043	10.947	$ 0.077	$ 11.018	$0.42	11.44
Nov	2043	11.036	$ 0.066	$ 11.103	$0.43	11.53
Dec	2043	11.394	$ 0.097	$ 11.491	$0.44	11.93
Jan	2044	11.212	$ 0.099	$ 11.311	$0.43	11.74
Feb	2044	11.261	$ 0.059	$ 11.320	$0.43	11.75
Mar	2044	11.025	$ 0.025	$ 11.050	$0.42	11.47
Apr	2044	10.814	$ 0.029	$ 10.853	$0.42	11.27
May	2044	10.887	$ 0.040	$ 10.926	$0.42	11.35
Jun	2044	10.952	$ 0.105	$ 11.057	$0.43	11.48
Jul	2044	11.454	$ 0.160	$ 11.615	$0.44	12.05
Aug	2044	11.525	$ 0.162	$ 11.687	$0.44	12.13
Sep	2044	11.504	$ 0.080	$ 11.584	$0.44	12.02
Oct	2044	11.213	$ 0.045	$ 11.258	$0.43	11.69
Nov	2044	11.387	$ 0.060	$ 11.447	$0.43	11.88
Dec	2044	11.740	$ 0.099	$ 11.839	$0.44	12.28
Jan	2045	11.803	$ 0.107	$ 11.910	$0.45	12.36
Feb	2045	11.873	$ 0.056	$ 11.928	$0.45	12.37
Mar	2045	11.683	$ 0.031	$ 11.714	$0.44	12.16
Apr	2045	11.414	$ 0.026	$ 11.440	$0.43	11.87
May	2045	11.474	$ 0.042	$ 11.516	$0.44	11.95
Jun	2045	11.545	$ 0.109	$ 11.654	$0.44	12.09
Jul	2045	12.078	$ 0.157	$ 12.235	$0.45	12.69
Aug	2045	12.154	$ 0.169	$ 12.323	$0.46	12.78
Sep	2045	12.175	$ 0.085	$ 12.259	$0.46	12.71
Oct	2045	11.813	$ 0.062	$ 11.876	$0.45	12.32
Nov	2045	12.064	$ 0.062	$ 12.067	$0.45	12.52
Dec	2045	12.362	$ 0.096	$ 12.458	$0.46	12.92
Jan	2046	12.608	$ 0.115	$ 12.723	$0.47	13.19
Feb	2046	12.647	$ 0.062	$ 12.708	$0.47	13.17
Mar	2046	12.352	$ 0.022	$ 12.374	$0.46	12.83
Apr	2046	12.007	$ 0.018	$ 12.025	$0.45	12.47
May	2046	12.060	$ 0.043	$ 12.103	$0.45	12.55
Jun	2046	12.132	$ 0.110	$ 12.241	$0.45	12.70
Jul	2046	12.749	$ 0.158	$ 12.908	$0.47	13.38
Aug	2046	12.911	$ 0.176	$ 13.087	$0.47	13.48
Sep	2046	12.789	$ 0.081	$ 12.870	$0.47	13.34
Oct	2046	12.385	$ 0.062	$ 12.447	$0.46	12.91
Nov	2046	12.499	$ 0.064	$ 12.563	$0.46	13.03
Dec	2046	12.826	$ 0.103	$ 12.929	$0.47	13.40
Jan	2047	13.168	$ 0.126	$ 13.294	$0.48	13.78
Feb	2047	13.190	$ 0.058	$ 13.248	$0.48	13.73
Mar	2047	12.721	$ 0.019	$ 12.740	$0.47	13.21
Apr	2047	12.424	$ 0.022	$ 12.447	$0.46	12.91
May	2047	12.475	$ 0.039	$ 12.514	$0.46	12.98
Jun	2047	12.548	$ 0.123	$ 12.671	$0.47	13.14
Jul	2047	13.163	$ 0.165	$ 13.327	$0.48	13.81
Aug	2047	13.245	$ 0.182	$ 13.427	$0.48	13.91
Sep	2047	13.239	$ 0.088	$ 13.327	$0.48	13.81
Oct	2047	13.003	$ 0.052	$ 13.055	$0.48	13.53
Nov	2047	13.118	$ 0.052	$ 13.170	$0.48	13.65
Dec	2047	13.170	$ 0.093	$ 13.263	$0.48	13.74
Jan	2048	13.311	$ 0.109	$ 13.420	$0.48	13.90
Feb	2048	13.375	$ 0.036	$ 13.411	$0.48	13.90
Mar	2048	13.073	$ 0.007	$ 13.080	$0.48	13.56
Apr	2048	12.884	$ 0.022	$ 12.906	$0.47	13.36
May	2048	12.957	$ 0.032	$ 12.989	$0.47	13.46
Jun	2048	13.081	$ 0.099	$ 13.180	$0.48

CONFIDENTIAL

DEF NATURAL GAS DISPATCH PRICES

Month	Year	Base HH Regular Supply Cost	Physical Basis FGT Z3	Base Cost Regular Supply Z3	GSNG MMBTU Variable Cost	GSNG Variable MMBTU Delivered Costs
Jan	2019	3.110	$ (0.046)	$ 3.064	$0.08	3.14
Feb	2019	2.690	$ (0.019)	$ 2.671	$0.07	2.74
Mar	2019	2.950	$ (0.003)	$ 2.947	$0.08	3.02
Apr	2019	2.650	$ (0.001)	$ 2.649	$0.07	2.72
May	2019	2.640	$ 0.005	$ 2.645	$0.07	2.71
Jun	2019	2.400	$ 0.037	$ 2.437	$0.07	2.50
Jul	2019	2.370	$ 0.048	$ 2.418	$0.07	2.48
Aug	2019	2.220	$ 0.056	$ 2.276	$0.06	2.34
Sep	2019	2.560	$ 0.016	$ 2.576	$0.07	2.64
Oct	2019	2.743	$ 0.010	$ 2.753	$0.07	2.82
Nov	2019	2.303	$ 0.012	$ 2.315	$0.06	2.38
Dec	2019	2.495	$ 0.023	$ 2.518	$0.07	2.59
Jan	2020	2.612	$ 0.035	$ 2.647	$0.07	2.72
Feb	2020	2.575	$ 0.024	$ 2.599	$0.07	2.67
Mar	2020	2.462	$ (0.020)	$ 2.442	$0.07	2.51
Apr	2020	2.247	$ (0.019)	$ 2.228	$0.06	2.29
May	2020	2.234	$ 0.005	$ 2.239	$0.06	2.30
Jun	2020	2.278	$ 0.026	$ 2.304	$0.06	2.37
Jul	2020	2.326	$ 0.048	$ 2.374	$0.06	2.44
Aug	2020	2.335	$ 0.055	$ 2.390	$0.07	2.46
Sep	2020	2.318	$ 0.012	$ 2.330	$0.06	2.39
Oct	2020	2.344	$ 0.016	$ 2.360	$0.06	2.42
Nov	2020	2.409	$ 0.025	$ 2.434	$0.07	2.50
Dec	2020	2.578	$ 0.034	$ 2.612	$0.07	2.68
Jan	2021	2.654	$ 0.038	$ 2.732	$0.07	2.80
Feb	2021	2.654	$ 0.033	$ 2.686	$0.07	2.76
Mar	2021	2.538	$ (0.015)	$ 2.523	$0.07	2.59
Apr	2021	2.293	$ (0.021)	$ 2.272	$0.06	2.33
May	2021	2.281	$ 0.005	$ 2.286	$0.06	2.35
Jun	2021	2.320	$ 0.025	$ 2.345	$0.06	2.41
Jul	2021	2.360	$ 0.047	$ 2.407	$0.07	2.47
Aug	2021	2.377	$ 0.058	$ 2.435	$0.07	2.50
Sep	2021	2.384	$ 0.011	$ 2.395	$0.07	2.46
Oct	2021	2.408	$ 0.018	$ 2.426	$0.07	2.49
Nov	2021	2.483	$ 0.027	$ 2.510	$0.07	2.58
Dec	2021	2.648	$ 0.038	$ 2.686	$0.07	2.76
Jan	2022	2.754	$ 0.041	$ 2.795	$0.07	2.87
Feb	2022	2.746	$ 0.036	$ 2.781	$0.07	2.85
Mar	2022	2.688	$ (0.013)	$ 2.675	$0.07	2.75
Apr	2022	2.562	$ (0.016)	$ 2.546	$0.07	2.61
May	2022	2.575	$ 0.007	$ 2.581	$0.07	2.65
Jun	2022	2.622	$ 0.034	$ 2.656	$0.07	2.73
Jul	2022	2.694	$ 0.059	$ 2.753	$0.07	2.82
Aug	2022	2.730	$ 0.066	$ 2.796	$0.07	2.87
Sep	2022	2.742	$ 0.021	$ 2.763	$0.07	2.84
Oct	2022	2.763	$ 0.024	$ 2.787	$0.07	2.86
Nov	2022	2.893	$ 0.034	$ 2.893	$0.07	2.97
Dec	2022	3.004	$ 0.044	$ 3.049	$0.08	3.13
Jan	2023	3.093	$ 0.052	$ 3.145	$0.08	3.22
Feb	2023	3.109	$ 0.047	$ 3.156	$0.08	3.24
Mar	2023	3.044	$ (0.003)	$ 3.042	$0.08	3.12
Apr	2023	2.864	$ (0.008)	$ 2.856	$0.08	3.03
May	2023	2.996	$ 0.016	$ 3.012	$0.08	3.09
Jun	2023	3.052	$ 0.042	$ 3.094	$0.08	3.17
Jul	2023	3.173	$ 0.068	$ 3.242	$0.08	3.32
Aug	2023	3.219	$ 0.076	$ 3.295	$0.08	3.38
Sep	2023	3.214	$ 0.029	$ 3.243	$0.08	3.32
Oct	2023	3.218	$ 0.030	$ 3.248	$0.08	3.33
Nov	2023	3.423	$ 0.037	$ 3.460	$0.09	3.55
Dec	2023	3.514	$ 0.053	$ 3.567	$0.09	3.65
Jan	2024	3.608	$ 0.058	$ 3.666	$0.09	3.76
Feb	2024	3.631	$ 0.050	$ 3.681	$0.09	3.77
Mar	2024	3.618	$ (0.002)	$ 3.616	$0.09	3.70
Apr	2024	3.592	$ (0.007)	$ 3.585	$0.09	3.67
May	2024	3.615	$ 0.017	$ 3.632	$0.09	3.72
Jun	2024	3.685	$ 0.046	$ 3.730	$0.09	3.82
Jul	2024	3.807	$ 0.077	$ 3.883	$0.09	3.98
Aug	2024	3.840	$ 0.077	$ 3.917	$0.09	4.01
Sep	2024	3.802	$ 0.047	$ 3.849	$0.09	3.94
Oct	2024	3.775	$ 0.040	$ 3.815	$0.09	3.91
Nov	2024	3.933	$ 0.044	$ 3.976	$0.09	4.07
Dec	2024	4.077	$ 0.056	$ 4.133	$0.10	4.23
Jan	2025	4.135	$ 0.061	$ 4.196	$0.10	4.30
Feb	2025	4.161	$ 0.055	$ 4.216	$0.10	4.32
Mar	2025	4.084	$ (0.001)	$ 4.083	$0.10	4.18
Apr	2025	4.024	$ (0.011)	$ 4.013	$0.10	4.11
May	2025	4.047	$ 0.016	$ 4.063	$0.10	4.16
Jun	2025	4.077	$ 0.054	$ 4.131	$0.10	4.23
Jul	2025	4.291	$ 0.078	$ 4.370	$0.10	4.47
Aug	2025	4.327	$ 0.078	$ 4.404	$0.10	4.51
Sep	2025	3.954	$ 0.045	$ 3.999	$0.10	4.09
Oct	2025	3.931	$ 0.035	$ 3.966	$0.09	4.06
Nov	2025	4.044	$ 0.036	$ 4.080	$0.10	4.18
Dec	2025	4.230	$ 0.051	$ 4.282	$0.10	4.38
Jan	2026	4.486	$ 0.057	$ 4.543	$0.11	4.65
Feb	2026	4.511	$ 0.053	$ 4.564	$0.11	4.67
Mar	2026	4.404	$ (0.003)	$ 4.401	$0.10	4.50
Apr	2026	4.329	$ (0.001)	$ 4.328	$0.10	4.43
May	2026	4.356	$ 0.022	$ 4.378	$0.10	4.48
Jun	2026	4.419	$ 0.053	$ 4.471	$0.10	4.58
Jul	2026	4.729	$ 0.077	$ 4.806	$0.11	4.92
Aug	2026	4.766	$ 0.078	$ 4.845	$0.11	4.96
Sep	2026	4.580	$ 0.041	$ 4.621	$0.11	4.73
Oct	2026	4.509	$ 0.034	$ 4.543	$0.11	4.65
Nov	2026	4.580	$ 0.042	$ 4.622	$0.11	4.73
Dec	2026	4.785	$ 0.054	$ 4.839	$0.11	4.95
Jan	2027	4.954	$ 0.052	$ 4.965	$0.11	5.11
Feb	2027	4.964	$ 0.057	$ 5.021	$0.11	5.14
Mar	2027	4.885	$ (0.002)	$ 4.883	$0.11	5.00
Apr	2027	4.713	$ (0.002)	$ 4.710	$0.11	4.82
May	2027	4.740	$ 0.021	$ 4.761	$0.11	4.87
Jun	2027	4.829	$ 0.051	$ 4.880	$0.11	4.99
Jul	2027	5.194	$ 0.079	$ 5.273	$0.12	5.39
Aug	2027	5.231	$ 0.082	$ 5.313	$0.12	5.43
Sep	2027	5.177	$ 0.043	$ 5.220	$0.12	5.34
Oct	2027	4.938	$ 0.038	$ 4.977	$0.11	5.09
Nov	2027	5.015	$ 0.043	$ 5.057	$0.12	5.17
Dec	2027	5.258	$ 0.054	$ 5.309	$0.12	5.43
Jan	2028	5.442	$ 0.063	$ 5.505	$0.12	5.63
Feb	2028	5.475	$ 0.047	$ 5.522	$0.12	5.65
Mar	2028	5.346	$ (0.002)	$ 5.344	$0.12	5.46
Apr	2028	5.311	$ (0.006)	$ 5.305	$0.12	5.42
May	2028	5.344	$ 0.024	$ 5.367	$0.12	5.49
Jun	2028	5.586	$ 0.059	$ 5.645	$0.13	5.77
Jul	2028	5.576	$ 0.091	$ 5.667	$0.13	5.79
Aug	2028	5.618	$ 0.089	$ 5.707	$0.13	5.83
Sep	2028	5.672	$ 0.048	$ 5.720	$0.13	5.85
Oct	2028	5.619	$ 0.044	$ 5.663	$0.13	5.79
Nov	2028	5.676	$ 0.046	$ 5.722	$0.13	5.85
Dec	2028	5.999	$ 0.054	$ 6.053	$0.13	6.19
Jan	2029	6.140	$ 0.075	$ 6.215	$0.14	6.35
Feb	2029	6.178	$ 0.068	$ 6.246	$0.14	6.38
Mar	2029	5.894	$ 0.007	$ 5.902	$0.13	6.03
Apr	2029	5.914	$ 0.002	$ 5.916	$0.13	6.05
May	2029	5.999	$ 0.027	$ 6.026	$0.13	6.16
Jun	2029	6.162	$ 0.062	$ 6.224	$0.14	6.36
Jul	2029	5.802	$ 0.091	$ 5.893	$0.13	6.02
Aug	2029	5.845	$ 0.098	$ 5.943	$0.13	6.08
Sep	2029	6.001	$ 0.053	$ 6.054	$0.13	6.19
Oct	2029	5.987	$ 0.040	$ 6.027	$0.13	6.16
Nov	2029	5.861	$ 0.063	$ 5.924	$0.13	6.06
Dec	2029	6.131	$ 0.062	$ 6.193	$0.14	6.33
Jan	2030	6.179	$ 0.075	$ 6.255	$0.14	6.39
Feb	2030	6.217	$ 0.069	$ 6.287	$0.14	6.43
Mar	2030	6.071	$ 0.004	$ 6.074	$0.13	6.21
Apr	2030	6.028	$ (0.008)	$ 6.020	$0.13	6.15
May	2030	6.054	$ 0.029	$ 6.083	$0.13	6.23
Jun	2030	6.163	$ 0.069	$ 6.232	$0.14	6.37
Jul	2030	6.600	$ 0.104	$ 6.704	$0.15	6.85
Aug	2030	6.649	$ 0.113	$ 6.761	$0.15	6.91
Sep	2030	6.551	$ 0.056	$ 6.607	$0.14	6.75
Oct	2030	6.255	$ 0.053	$ 6.307	$0.14	6.45
Nov	2030	6.140	$ 0.056	$ 6.196	$0.14	6.33
Dec	2030	6.439	$ 0.064	$ 6.503	$0.14	6.65
Jan	2031	6.574	$ 0.098	$ 6.672	$0.15	6.82
Feb	2031	6.615	$ 0.092	$ 6.708	$0.15	6.85
Mar	2031	6.485	$ 0.019	$ 6.504	$0.14	6.65
Apr	2031	6.431	$ 0.000	$ 6.431	$0.14	6.57
May	2031	6.470	$ 0.055	$ 6.525	$0.14	6.67
Jun	2031	6.558	$ 0.082	$ 6.640	$0.15	6.79
Jul	2031	7.001	$ 0.116	$ 7.117	$0.15	7.27
Aug	2031	7.070	$ 0.139	$ 7.210	$0.16	7.37
Sep	2031	6.940	$ 0.086	$ 7.026	$0.15	7.18
Oct	2031	6.723	$ 0.082	$ 6.806	$0.15	6.95
Nov	2031	6.818	$ 0.066	$ 6.884	$0.15	7.03
Dec	2031	7.064	$ 0.082	$ 7.135	$0.15	7.29
Jan	2032	7.049	$ 0.106	$ 7.155	$0.15	7.31
Feb	2032	7.087	$ 0.077	$ 7.165	$0.16	7.32
Mar	2032	7.059	$ 0.050	$ 7.109	$0.15	7.26
Apr	2032	6.843	$ 0.026	$ 6.869	$0.15	7.02
May	2032	6.880	$ 0.069	$ 6.949	$0.15	7.10
Jun	2032	6.924	$ 0.095	$ 7.019	$0.15	7.17
Jul	2032	7.118	$ 0.136	$ 7.254	$0.16	7.41
Aug	2032	7.178	$ 0.159	$ 7.338	$0.16	7.50
Sep	2032	7.075	$ 0.091	$ 7.166	$0.16	7.32
Oct	2032	7.029	$ 0.088	$ 7.117	$0.15	7.27
Nov	2032	7.193	$ 0.053	$ 7.247	$0.16	7.40
Dec	2032	7.210	$ 0.072	$ 7.283	$0.16	7.44
Jan	2033	6.845	$ 0.093	$ 6.938	$0.15	7.09
Feb	2033	6.892	$ 0.091	$ 6.983	$0.15	7.13
Mar	2033	6.825	$ 0.022	$ 6.846	$0.15	7.00
Apr	2033	6.819	$ 0.016	$ 6.839	$0.15	6.99
May	2033	6.867	$ 0.032	$ 6.899	$0.15	7.05
Jun	2033	6.915	$ 0.080	$ 6.995	$0.15	7.15
Jul	2033	7.127	$ 0.119	$ 7.246	$0.16	7.40
Aug	2033	7.189	$ 0.127	$ 7.316	$0.16	7.47
Sep	2033	7.095	$ 0.068	$ 7.163	$0.16	7.32
Oct	2033	7.029	$ 0.053	$ 7.082	$0.15	7.24
Nov	2033	7.236	$ 0.033	$ 7.268	$0.16	7.42
Dec	2033	7.489	$ 0.047	$ 7.537	$0.16	7.70
Jan	2034	7.689	$ 0.080	$ 7.769	$0.17	7.94
Feb	2034	7.467	$ 0.056	$ 7.522	$0.16	7.68
Mar	2034	7.251	$ (0.008)	$ 7.244	$0.16	7.40
Apr	2034	7.165	$ 0.009	$ 7.174	$0.16	7.33
May	2034	7.211	$ 0.039	$ 7.250	$0.16	7.41
Jun	2034	7.259	$ 0.084	$ 7.343	$0.16	7.50
Jul	2034	7.607	$ 0.125	$ 7.732	$0.17	7.90
Aug	2034	7.666	$ 0.144	$ 7.809	$0.17	7.98
Sep	2034	7.520	$ 0.074	$ 7.595	$0.16	7.76
Oct	2034	7.335	$ 0.049	$ 7.384	$0.16	7.54
Nov	2034	7.652	$ 0.034	$ 7.686	$0.16	7.85
Dec	2034	7.921	$ 0.055	$ 7.977	$0.17	8.15
Jan	2035	8.040	$ 0.086	$ 8.126	$0.17	8.30
Feb	2035	8.081	$ 0.065	$ 8.146	$0.17	8.32
Mar	2035	7.835	$ 0.018	$ 7.853	$0.17	8.02
Apr	2035	7.481	$ 0.023	$ 7.505	$0.16	7.67
May	2035	7.528	$ 0.046	$ 7.574	$0.16	7.74
Jun	2035	7.576	$ 0.091	$ 7.667	$0.16	7.83
Jul	2035	7.968	$ 0.130	$ 8.098	$0.17	8.27
Aug	2035	8.018	$ 0.147	$ 8.165	$0.17	8.34
Sep	2035	7.884	$ 0.075	$ 7.959	$0.17	8.13
Oct	2035	7.682	$ 0.048	$ 7.730	$0.17	7.90
Nov	2035	7.748	$ 0.033	$ 7.781	$0.17	7.95
Dec	2035	7.963	$ 0.058	$ 8.021	$0.17	8.19
Jan	2036	8.009	$ 0.093	$ 8.102	$0.17	8.27
Feb	2036	8.045	$ 0.034	$ 8.078	$0.17	8.25
Mar	2036	7.909	$ 0.020	$ 7.929	$0.17	8.10
Apr	2036	7.599	$ 0.023	$ 7.622	$0.16	7.79
May	2036	7.646	$ 0.049	$ 7.696	$0.17	7.86
Jun	2036	7.702	$ 0.096	$ 7.799	$0.17	7.97
Jul	2036	7.930	$ 0.135	$ 8.065	$0.17	8.24
Aug	2036	7.987	$ 0.150	$ 8.137	$0.17	8.31
Sep	2036	7.948	$ 0.089	$ 8.037	$0.17	8.21
Oct	2036	7.896	$ 0.076	$ 7.971	$0.17	8.14
Nov	2036	8.002	$ 0.051	$ 8.053	$0.17	8.22
Dec	2036	8.368	$ 0.064	$ 8.432	$0.18	8.61
Jan	2037	8.526	$ 0.105	$ 8.631	$0.18	8.81
Feb	2037	8.579	$ 0.081	$ 8.661	$0.18	8.84
Mar	2037	8.453	$ 0.024	$ 8.477	$0.18	8.66
Apr	2037	8.209	$ 0.021	$ 8.229	$0.18	8.40
May	2037	8.259	$ 0.055	$ 8.314	$0.18	8.49
Jun	2037	8.340	$ 0.111	$ 8.452	$0.18	8.63
Jul	2037	8.699	$ 0.147	$ 8.846	$0.19	9.03
Aug	2037	8.757	$ 0.147	$ 8.904	$0.19	9.09
Sep	2037	8.656	$ 0.096	$ 8.752	$0.18	8.92
Oct	2037	8.542	$ 0.074	$ 8.616	$0.18	8.80
Nov	2037	8.650	$ 0.052	$ 8.702	$0.18	8.89
Dec	2037	9.011	$ 0.078	$ 9.089	$0.19	9.28
Jan	2038	9.175	$ 0.111	$ 9.286	$0.20	9.48
Feb	2038	9.231	$ 0.088	$ 9.319	$0.20	9.51
Mar	2038	9.090	$ 0.026	$ 9.115	$0.19	9.31
Apr	2038	8.779	$ 0.044	$ 8.823	$0.19	9.01
May	2038	8.833	$ 0.060	$ 8.893	$0.19	9.08
Jun	2038	8.897	$ 0.118	$ 9.015	$0.19	9.20
Jul	2038	9.149	$ 0.152	$ 9.301	$0.20	9.50
Aug	2038	9.214	$ 0.145	$ 9.359	$0.20	9.56
Sep	2038	9.007	$ 0.104	$ 9.111	$0.19	9.30
Oct	2038	8.916	$ 0.064	$ 8.980	$0.19	9.17
Nov	2038	9.064	$ 0.073	$ 9.137	$0.19	9.33
Dec	2038	9.388	$ 0.100	$ 9.488	$0.20	9.69
Jan	2039	9.405	$ 0.119	$ 9.524	$0.20	9.72
Feb	2039	9.463	$ 0.101	$ 9.564	$0.20	9.76
Mar	2039	9.237	$ 0.032	$ 9.269	$0.19	9.46
Apr	2039	8.644	$ 0.041	$ 8.685	$0.18	8.87
May	2039	8.694	$ 0.052	$ 8.746	$0.18	8.93
Jun	2039	8.750	$ 0.115	$ 8.865	$0.19	9.05
Jul	2039	8.838	$ 0.129	$ 8.967	$0.19	9.16
Aug	2039	9.603	$ 0.145	$ 9.749	$0.20	9.95
Sep	2039	9.561	$ 0.088	$ 9.649	$0.20	9.85
Oct	2039	9.356	$ 0.081	$ 9.287	$0.20	9.48
Nov	2039	9.310	$ 0.063	$ 9.373	$0.20	9.57
Dec	2039	9.596	$ 0.087	$ 9.683	$0.20	9.89
Jan	2040	9.823	$ 0.098	$ 9.920	$0.21	10.13
Feb	2040	9.874	$ 0.061	$ 9.935	$0.21	10.14
Mar	2040	9.714	$ 0.033	$ 9.747	$0.20	9.95
Apr	2040	9.392	$ 0.013	$ 9.405	$0.20	9.60
May	2040	9.446	$ 0.058	$ 9.504	$0.20	9.70
Jun	2040	9.526	$ 0.108	$ 9.634	$0.20	9.84
Jul	2040	9.875	$ 0.144	$ 10.020	$0.21	10.23
Aug	2040	9.935	$ 0.155	$ 10.090	$0.21	10.30
Sep	2040	9.816	$ 0.098	$ 10.014	$0.21	10.22
Oct	2040	9.694	$ 0.086	$ 9.780	$0.20	9.98
Nov	2040	9.797	$ 0.069	$ 9.866	$0.21	10.07
Dec	2040	10.132	$ 0.111	$ 10.243	$0.21	10.46
Jan	2041	10.303	$ 0.113	$ 10.415	$0.22	10.63
Feb	2041	10.342	$ 0.083	$ 10.425	$0.22	10.64
Mar	2041	10.122	$ 0.037	$ 10.159	$0.21	10.37
Apr	2041	9.753	$ 0.048	$ 9.801	$0.20	10.01
May	2041	9.813	$ 0.061	$ 9.874	$0.21	10.08
Jun	2041	9.918	$ 0.124	$ 10.041	$0.21	10.25
Jul	2041	10.353	$ 0.166	$ 10.519	$0.22	10.74
Aug	2041	10.414	$ 0.158	$ 10.572	$0.22	10.79
Sep	2041	10.418	$ 0.116	$ 10.534	$0.22	10.75
Oct	2041	10.075	$ 0.061	$ 10.137	$0.21	10.35
Nov	2041	10.361	$ 0.077	$ 10.338	$0.21	10.55
Dec	2041	10.551	$ 0.127	$ 10.678	$0.22	10.90
Jan	2042	10.687	$ 0.120	$ 10.807	$0.22	11.03
Feb	2042	10.731	$ 0.089	$ 10.820	$0.22	11.04
Mar	2042	10.504	$ 0.033	$ 10.537	$0.22	10.76
Apr	2042	10.210	$ 0.045	$ 10.255	$0.21	10.47
May	2042	10.273	$ 0.063	$ 10.336	$0.21	10.55
Jun	2042	10.373	$ 0.134	$ 10.507	$0.22	10.73
Jul	2042	10.902	$ 0.168	$ 11.070	$0.23	11.30
Aug	2042	10.971	$ 0.171	$ 11.142	$0.23	11.37
Sep	2042	10.935	$ 0.120	$ 11.055	$0.23	11.28
Oct	2042	10.560	$ 0.080	$ 10.640	$0.22	10.86
Nov	2042	10.618	$ 0.075	$ 10.693	$0.22	10.91
Dec	2042	10.954	$ 0.102	$ 11.055	$0.23	11.28
Jan	2043	11.155	$ 0.105	$ 11.260	$0.23	11.49
Feb	2043	11.191	$ 0.058	$ 11.249	$0.23	11.48
Mar	2043	10.972	$ 0.035	$ 11.007	$0.23	11.23
Apr	2043	10.591	$ 0.028	$ 10.620	$0.22	10.84
May	2043	10.656	$ 0.050	$ 10.707	$0.22	10.93
Jun	2043	10.737	$ 0.106	$ 10.843	$0.22	11.07
Jul	2043	11.261	$ 0.164	$ 11.426	$0.24	11.66
Aug	2043	11.329	$ 0.156	$ 11.485	$0.24	11.72
Sep	2043	11.365	$ 0.091	$ 11.456	$0.24	11.69
Oct	2043	10.942	$ 0.077	$ 11.018	$0.23	11.25
Nov	2043	11.036	$ 0.066	$ 11.103	$0.23	11.33
Dec	2043	11.364	$ 0.097	$ 11.461	$0.24	11.73
Jan	2044	11.212	$ 0.099	$ 11.311	$0.23	11.54
Feb	2044	11.261	$ 0.059	$ 11.320	$0.23	11.55
Mar	2044	11.025	$ 0.025	$ 11.050	$0.23	11.28
Apr	2044	10.824	$ 0.029	$ 10.853	$0.22	11.08
May	2044	10.887	$ 0.040	$ 10.926	$0.23	11.15
Jun	2044	10.962	$ 0.105	$ 11.067	$0.23	11.29
Jul	2044	11.455	$ 0.160	$ 11.615	$0.24	11.85
Aug	2044	11.525	$ 0.162	$ 11.687	$0.24	11.93
Sep	2044	11.504	$ 0.080	$ 11.584	$0.24	11.82
Oct	2044	11.213	$ 0.045	$ 11.258	$0.23	11.49
Nov	2044	11.387	$ 0.060	$ 11.447	$0.24	11.68
Dec	2044	11.740	$ 0.099	$ 11.839	$0.24	12.08
Jan	2045	11.803	$ 0.107	$ 11.910	$0.24	12.15
Feb	2045	11.873	$ 0.056	$ 11.928	$0.24	12.17
Mar	2045	11.683	$ 0.031	$ 11.714	$0.24	11.95
Apr	2045	11.414	$ 0.026	$ 11.440	$0.24	11.68
May	2045	11.474	$ 0.042	$ 11.516	$0.24	11.75
Jun	2045	11.545	$ 0.109	$ 11.654	$0.24	11.89
Jul	2045	12.078	$ 0.157	$ 12.235	$0.25	12.49
Aug	2045	12.154	$ 0.169	$ 12.323	$0.25	12.58
Sep	2045	12.175	$ 0.085	$ 12.259	$0.25	12.51
Oct	2045	11.815	$ 0.062	$ 11.876	$0.24	12.12
Nov	2045	12.005	$ 0.062	$ 12.067	$0.25	12.31
Dec	2045	12.362	$ 0.096	$ 12.458	$0.25	12.71
Jan	2046	12.608	$ 0.115	$ 12.723	$0.26	12.98
Feb	2046	12.647	$ 0.062	$ 12.708	$0.26	12.97
Mar	2046	12.352	$ 0.022	$ 12.374	$0.25	12.63
Apr	2046	12.007	$ 0.018	$ 12.025	$0.25	12.27
May	2046	12.059	$ 0.043	$ 12.103	$0.25	12.35
Jun	2046	12.132	$ 0.110	$ 12.241	$0.25	12.49
Jul	2046	12.748	$ 0.158	$ 12.908	$0.26	13.17
Aug	2046	12.831	$ 0.176	$ 13.007	$0.27	13.27
Sep	2046	12.789	$ 0.081	$ 12.870	$0.26	13.13
Oct	2046	12.385	$ 0.062	$ 12.447	$0.25	12.70
Nov	2046	12.499	$ 0.064	$ 12.563	$0.26	12.82
Dec	2046	12.826	$ 0.103	$ 12.929	$0.26	13.19
Jan	2047	13.168	$ 0.126	$ 13.294	$0.27	13.56
Feb	2047	13.190	$ 0.058	$ 13.248	$0.27	13.52
Mar	2047	12.721	$ 0.019	$ 12.740	$0.26	13.00
Apr	2047	12.424	$ 0.022	$ 12.447	$0.25	12.70
May	2047	12.475	$ 0.039	$ 12.514	$0.26	12.77
Jun	2047	12.548	$ 0.123	$ 12.671	$0.26	12.93
Jul	2047	13.163	$ 0.165	$ 13.327	$0.27	13.60
Aug	2047	13.245	$ 0.182	$ 13.427	$0.27	13.70
Sep	2047	13.239	$ 0.088	$ 13.327	$0.27	13.60
Oct	2047	13.003	$ 0.052	$ 13.055	$0.27	13.32
Nov	2047	13.118	$ 0.052	$ 13.170	$0.27	13.44
Dec	2047	13.170	$ 0.093	$ 13.263	$0.27	13.53
Jan	2048	13.311	$ 0.109	$ 13.420	$0.27	13.69
Feb	2048	13.376	$ 0.036	$ 13.411	$0.27	13.68
Mar	2048	13.073	$ 0.007	$ 13.080	$0.27	13.35
Apr	2048	12.884	$ 0.022	$ 12.906	$0.26	13.17
May	2048	12.967	$ 0.032	$ 12.999	$0.26	13.25
Jun	2048	13.091	$ 0.099	$ 13.190	$0.27

CONFIDENTIAL

DEF NATURAL GAS DISPATCH PRICES

Month	Year	Base HH Regular Supply Cost	Physical Basis FGT Z3	Base Cost Regular Supply Z3	GSNG MMBTU Variable Cost	GSNG Variable MMBTU Delivered Costs
Jan	2019	3.110	$ (0.040)	$ 3.064	$0.13	3.20
Feb	2019	2.690	$ (0.019)	$ 2.671	$0.12	2.79
Mar	2019	2.950	$ (0.003)	$ 2.947	$0.13	3.08
Apr	2019	2.650	$ (0.001)	$ 2.649	$0.12	2.77
May	2019	2.640	$ 0.005	$ 2.645	$0.12	2.76
Jun	2019	2.400	$ 0.037	$ 2.437	$0.11	2.55
Jul	2019	2.370	$ 0.048	$ 2.418	$0.11	2.53
Aug	2019	2.220	$ 0.056	$ 2.276	$0.11	2.38
Sep	2019	2.560	$ 0.016	$ 2.576	$0.12	2.69
Oct	2019	2.743	$ 0.010	$ 2.753	$0.12	2.87
Nov	2019	2.303	$ 0.012	$ 2.315	$0.11	2.42
Dec	2019	2.495	$ 0.023	$ 2.518	$0.11	2.63
Jan	2020	2.612	$ 0.035	$ 2.647	$0.12	2.77
Feb	2020	2.575	$ 0.024	$ 2.599	$0.12	2.72
Mar	2020	2.462	$ (0.020)	$ 2.442	$0.11	2.55
Apr	2020	2.247	$ (0.019)	$ 2.228	$0.10	2.33
May	2020	2.234	$ 0.005	$ 2.239	$0.10	2.34
Jun	2020	2.278	$ 0.026	$ 2.304	$0.11	2.41
Jul	2020	2.326	$ 0.048	$ 2.374	$0.11	2.48
Aug	2020	2.335	$ 0.055	$ 2.390	$0.11	2.50
Sep	2020	2.318	$ 0.012	$ 2.330	$0.11	2.44
Oct	2020	2.344	$ 0.016	$ 2.360	$0.11	2.47
Nov	2020	2.409	$ 0.025	$ 2.434	$0.11	2.54
Dec	2020	2.578	$ 0.034	$ 2.612	$0.12	2.73
Jan	2021	2.694	$ 0.038	$ 2.732	$0.12	2.85
Feb	2021	2.654	$ 0.033	$ 2.686	$0.12	2.81
Mar	2021	2.538	$ (0.015)	$ 2.523	$0.11	2.64
Apr	2021	2.293	$ (0.021)	$ 2.272	$0.11	2.38
May	2021	2.281	$ 0.005	$ 2.286	$0.11	2.39
Jun	2021	2.320	$ 0.025	$ 2.345	$0.11	2.45
Jul	2021	2.360	$ 0.047	$ 2.407	$0.11	2.52
Aug	2021	2.377	$ 0.058	$ 2.435	$0.11	2.55
Sep	2021	2.384	$ 0.011	$ 2.395	$0.11	2.50
Oct	2021	2.408	$ 0.018	$ 2.426	$0.11	2.54
Nov	2021	2.483	$ 0.027	$ 2.510	$0.11	2.62
Dec	2021	2.648	$ 0.038	$ 2.686	$0.12	2.81
Jan	2022	2.754	$ 0.041	$ 2.795	$0.12	2.92
Feb	2022	2.746	$ 0.036	$ 2.781	$0.12	2.90
Mar	2022	2.688	$ (0.013)	$ 2.675	$0.12	2.79
Apr	2022	2.562	$ (0.016)	$ 2.546	$0.11	2.66
May	2022	2.575	$ 0.007	$ 2.581	$0.12	2.70
Jun	2022	2.622	$ 0.034	$ 2.656	$0.12	2.77
Jul	2022	2.694	$ 0.059	$ 2.753	$0.12	2.87
Aug	2022	2.730	$ 0.066	$ 2.796	$0.12	2.92
Sep	2022	2.742	$ 0.021	$ 2.763	$0.12	2.89
Oct	2022	2.763	$ 0.024	$ 2.787	$0.12	2.91
Nov	2022	2.859	$ 0.034	$ 2.893	$0.13	3.02
Dec	2022	3.004	$ 0.044	$ 3.049	$0.13	3.18
Jan	2023	3.093	$ 0.052	$ 3.145	$0.14	3.28
Feb	2023	3.109	$ 0.047	$ 3.156	$0.14	3.29
Mar	2023	3.042	$ (0.003)	$ 3.042	$0.13	3.17
Apr	2023	2.964	$ (0.008)	$ 2.956	$0.13	3.08
May	2023	2.996	$ 0.016	$ 3.012	$0.13	3.14
Jun	2023	3.052	$ 0.042	$ 3.094	$0.13	3.23
Jul	2023	3.173	$ 0.068	$ 3.242	$0.14	3.38
Aug	2023	3.218	$ 0.076	$ 3.295	$0.14	3.44
Sep	2023	3.214	$ 0.029	$ 3.243	$0.14	3.38
Oct	2023	3.218	$ 0.030	$ 3.248	$0.14	3.39
Nov	2023	3.423	$ 0.037	$ 3.460	$0.15	3.61
Dec	2023	3.514	$ 0.053	$ 3.567	$0.15	3.72
Jan	2024	3.608	$ 0.058	$ 3.666	$0.15	3.82
Feb	2024	3.631	$ 0.050	$ 3.681	$0.15	3.83
Mar	2024	3.618	$ (0.002)	$ 3.616	$0.15	3.77
Apr	2024	3.592	$ (0.007)	$ 3.585	$0.15	3.74
May	2024	3.615	$ 0.017	$ 3.632	$0.15	3.78
Jun	2024	3.685	$ 0.046	$ 3.730	$0.16	3.89
Jul	2024	3.807	$ 0.077	$ 3.883	$0.16	4.04
Aug	2024	3.840	$ 0.077	$ 3.917	$0.16	4.08
Sep	2024	3.802	$ 0.047	$ 3.849	$0.16	4.01
Oct	2024	3.775	$ 0.040	$ 3.815	$0.16	3.97
Nov	2024	3.933	$ 0.044	$ 3.976	$0.16	4.14
Dec	2024	4.077	$ 0.056	$ 4.133	$0.17	4.30
Jan	2025	4.134	$ 0.061	$ 4.196	$0.17	4.37
Feb	2025	4.161	$ 0.055	$ 4.216	$0.17	4.39
Mar	2025	4.084	$ (0.001)	$ 4.083	$0.17	4.25
Apr	2025	4.024	$ (0.011)	$ 4.013	$0.17	4.18
May	2025	4.047	$ 0.016	$ 4.063	$0.17	4.23
Jun	2025	4.077	$ 0.054	$ 4.131	$0.17	4.30
Jul	2025	4.291	$ 0.078	$ 4.370	$0.18	4.55
Aug	2025	4.327	$ 0.078	$ 4.404	$0.18	4.58
Sep	2025	3.954	$ 0.045	$ 3.999	$0.16	4.16
Oct	2025	3.931	$ 0.035	$ 3.966	$0.16	4.13
Nov	2025	4.044	$ 0.036	$ 4.080	$0.17	4.25
Dec	2025	4.230	$ 0.051	$ 4.282	$0.17	4.46
Jan	2026	4.486	$ 0.057	$ 4.543	$0.18	4.73
Feb	2026	4.511	$ 0.053	$ 4.564	$0.18	4.75
Mar	2026	4.404	$ (0.003)	$ 4.401	$0.18	4.58
Apr	2026	4.329	$ (0.001)	$ 4.328	$0.18	4.50
May	2026	4.356	$ 0.022	$ 4.378	$0.18	4.56
Jun	2026	4.419	$ 0.053	$ 4.471	$0.18	4.65
Jul	2026	4.729	$ 0.077	$ 4.806	$0.19	5.00
Aug	2026	4.766	$ 0.078	$ 4.845	$0.19	5.04
Sep	2026	4.580	$ 0.041	$ 4.621	$0.19	4.81
Oct	2026	4.509	$ 0.034	$ 4.543	$0.18	4.73
Nov	2026	4.580	$ 0.042	$ 4.622	$0.19	4.81
Dec	2026	4.785	$ 0.054	$ 4.839	$0.19	5.03
Jan	2027	4.934	$ 0.062	$ 4.995	$0.20	5.19
Feb	2027	4.964	$ 0.057	$ 5.021	$0.20	5.22
Mar	2027	4.885	$ (0.002)	$ 4.883	$0.20	5.08
Apr	2027	4.712	$ (0.002)	$ 4.710	$0.19	4.90
May	2027	4.740	$ 0.021	$ 4.761	$0.19	4.95
Jun	2027	4.829	$ 0.051	$ 4.880	$0.20	5.08
Jul	2027	5.195	$ 0.079	$ 5.273	$0.21	5.48
Aug	2027	5.231	$ 0.082	$ 5.313	$0.21	5.52
Sep	2027	5.177	$ 0.043	$ 5.220	$0.21	5.43
Oct	2027	4.938	$ 0.038	$ 4.977	$0.20	5.18
Nov	2027	4.814	$ 0.043	$ 5.057	$0.20	5.26
Dec	2027	5.256	$ 0.054	$ 5.309	$0.21	5.52
Jan	2028	5.442	$ 0.063	$ 5.505	$0.22	5.72
Feb	2028	5.475	$ 0.047	$ 5.522	$0.22	5.74
Mar	2028	5.346	$ (0.002)	$ 5.344	$0.21	5.56
Apr	2028	5.311	$ (0.006)	$ 5.305	$0.21	5.52
May	2028	5.344	$ 0.024	$ 5.367	$0.21	5.58
Jun	2028	5.586	$ 0.059	$ 5.645	$0.22	5.87
Jul	2028	5.576	$ 0.091	$ 5.667	$0.22	5.89
Aug	2028	5.618	$ 0.089	$ 5.707	$0.22	5.93
Sep	2028	5.672	$ 0.048	$ 5.720	$0.22	5.94
Oct	2028	5.619	$ 0.044	$ 5.663	$0.22	5.89
Nov	2028	5.676	$ 0.046	$ 5.722	$0.22	5.95
Dec	2028	5.999	$ 0.054	$ 6.053	$0.24	6.29
Jan	2029	6.140	$ 0.075	$ 6.215	$0.24	6.46
Feb	2029	6.178	$ 0.068	$ 6.246	$0.24	6.49
Mar	2029	5.894	$ 0.007	$ 5.902	$0.23	6.13
Apr	2029	5.914	$ 0.002	$ 5.916	$0.23	6.15
May	2029	5.999	$ 0.027	$ 6.026	$0.24	6.26
Jun	2029	6.143	$ 0.062	$ 6.224	$0.24	6.47
Jul	2029	5.802	$ 0.091	$ 5.893	$0.23	6.12
Aug	2029	5.845	$ 0.098	$ 5.943	$0.23	6.18
Sep	2029	6.001	$ 0.053	$ 6.054	$0.24	6.29
Oct	2029	5.987	$ 0.040	$ 6.027	$0.24	6.26
Nov	2029	5.861	$ 0.063	$ 5.924	$0.23	6.16
Dec	2029	6.131	$ 0.062	$ 6.193	$0.24	6.43
Jan	2030	6.179	$ 0.075	$ 6.255	$0.24	6.50
Feb	2030	6.217	$ 0.069	$ 6.287	$0.24	6.53
Mar	2030	6.071	$ 0.004	$ 6.074	$0.24	6.31
Apr	2030	6.028	$ (0.008)	$ 6.020	$0.23	6.25
May	2030	6.064	$ 0.029	$ 6.093	$0.24	6.33
Jun	2030	6.163	$ 0.069	$ 6.232	$0.24	6.47
Jul	2030	6.600	$ 0.104	$ 6.704	$0.26	6.96
Aug	2030	6.649	$ 0.113	$ 6.761	$0.26	7.02
Sep	2030	6.551	$ 0.056	$ 6.607	$0.26	6.86
Oct	2030	6.255	$ 0.053	$ 6.307	$0.24	6.55
Nov	2030	6.140	$ 0.056	$ 6.196	$0.24	6.44
Dec	2030	6.439	$ 0.064	$ 6.503	$0.25	6.75
Jan	2031	6.574	$ 0.098	$ 6.672	$0.26	6.93
Feb	2031	6.615	$ 0.092	$ 6.708	$0.26	6.97
Mar	2031	6.485	$ 0.019	$ 6.504	$0.25	6.76
Apr	2031	6.431	$ 0.000	$ 6.431	$0.25	6.68
May	2031	6.470	$ 0.055	$ 6.525	$0.25	6.78
Jun	2031	6.558	$ 0.082	$ 6.640	$0.26	6.90
Jul	2031	7.001	$ 0.116	$ 7.117	$0.27	7.39
Aug	2031	7.070	$ 0.139	$ 7.210	$0.28	7.49
Sep	2031	6.940	$ 0.086	$ 7.026	$0.27	7.30
Oct	2031	6.775	$ 0.082	$ 6.856	$0.26	7.07
Nov	2031	6.818	$ 0.066	$ 6.884	$0.26	7.15
Dec	2031	7.054	$ 0.082	$ 7.135	$0.27	7.41
Jan	2032	7.049	$ 0.106	$ 7.155	$0.27	7.43
Feb	2032	7.087	$ 0.077	$ 7.165	$0.27	7.44
Mar	2032	7.059	$ 0.050	$ 7.109	$0.27	7.38
Apr	2032	6.843	$ 0.026	$ 6.869	$0.26	7.13
May	2032	6.880	$ 0.069	$ 6.949	$0.27	7.22
Jun	2032	6.924	$ 0.095	$ 7.019	$0.27	7.29
Jul	2032	7.118	$ 0.136	$ 7.254	$0.28	7.53
Aug	2032	7.178	$ 0.159	$ 7.338	$0.28	7.62
Sep	2032	7.075	$ 0.091	$ 7.166	$0.27	7.44
Oct	2032	7.029	$ 0.088	$ 7.117	$0.27	7.39
Nov	2032	7.193	$ 0.053	$ 7.247	$0.28	7.52
Dec	2032	7.210	$ 0.072	$ 7.283	$0.28	7.56
Jan	2033	6.845	$ 0.093	$ 6.938	$0.27	7.20
Feb	2033	6.892	$ 0.091	$ 6.983	$0.27	7.25
Mar	2033	6.825	$ 0.022	$ 6.846	$0.26	7.11
Apr	2033	6.823	$ 0.016	$ 6.839	$0.26	7.10
May	2033	6.867	$ 0.032	$ 6.899	$0.27	7.16
Jun	2033	6.915	$ 0.080	$ 6.995	$0.27	7.26
Jul	2033	7.127	$ 0.119	$ 7.246	$0.28	7.52
Aug	2033	7.189	$ 0.127	$ 7.316	$0.28	7.60
Sep	2033	7.095	$ 0.068	$ 7.163	$0.27	7.44
Oct	2033	7.029	$ 0.053	$ 7.082	$0.27	7.35
Nov	2033	7.176	$ 0.033	$ 7.208	$0.28	7.55
Dec	2033	7.489	$ 0.047	$ 7.537	$0.29	7.82
Jan	2034	7.689	$ 0.080	$ 7.769	$0.30	8.06
Feb	2034	7.467	$ 0.056	$ 7.522	$0.29	7.81
Mar	2034	7.251	$ (0.008)	$ 7.244	$0.28	7.52
Apr	2034	7.165	$ 0.009	$ 7.174	$0.27	7.45
May	2034	7.211	$ 0.039	$ 7.250	$0.28	7.53
Jun	2034	7.259	$ 0.084	$ 7.343	$0.28	7.62
Jul	2034	7.607	$ 0.125	$ 7.732	$0.29	8.03
Aug	2034	7.666	$ 0.144	$ 7.809	$0.30	8.11
Sep	2034	7.520	$ 0.074	$ 7.595	$0.29	7.88
Oct	2034	7.335	$ 0.049	$ 7.384	$0.28	7.67
Nov	2034	7.652	$ 0.034	$ 7.686	$0.29	7.98
Dec	2034	7.921	$ 0.055	$ 7.977	$0.30	8.28
Jan	2035	8.040	$ 0.086	$ 8.126	$0.31	8.43
Feb	2035	8.081	$ 0.065	$ 8.146	$0.31	8.45
Mar	2035	7.835	$ 0.018	$ 7.853	$0.30	8.15
Apr	2035	7.481	$ 0.023	$ 7.505	$0.29	7.79
May	2035	7.528	$ 0.046	$ 7.574	$0.29	7.86
Jun	2035	7.676	$ 0.091	$ 7.767	$0.29	7.96
Jul	2035	7.968	$ 0.130	$ 8.098	$0.31	8.40
Aug	2035	8.018	$ 0.147	$ 8.165	$0.31	8.47
Sep	2035	7.884	$ 0.075	$ 7.959	$0.30	8.26
Oct	2035	7.682	$ 0.048	$ 7.730	$0.29	8.02
Nov	2035	7.748	$ 0.033	$ 7.781	$0.30	8.08
Dec	2035	7.967	$ 0.058	$ 8.021	$0.30	8.33
Jan	2036	8.009	$ 0.093	$ 8.102	$0.31	8.41
Feb	2036	8.043	$ 0.034	$ 8.078	$0.31	8.38
Mar	2036	7.900	$ 0.020	$ 7.929	$0.30	8.23
Apr	2036	7.599	$ 0.023	$ 7.622	$0.29	7.91
May	2036	7.646	$ 0.049	$ 7.696	$0.29	7.99
Jun	2036	7.702	$ 0.096	$ 7.799	$0.30	8.10
Jul	2036	7.930	$ 0.135	$ 8.065	$0.31	8.37
Aug	2036	7.987	$ 0.150	$ 8.137	$0.31	8.45
Sep	2036	7.948	$ 0.089	$ 8.037	$0.30	8.34
Oct	2036	7.896	$ 0.076	$ 7.971	$0.30	8.27
Nov	2036	8.002	$ 0.051	$ 8.053	$0.31	8.36
Dec	2036	8.368	$ 0.064	$ 8.432	$0.32	8.75
Jan	2037	8.526	$ 0.105	$ 8.631	$0.33	8.96
Feb	2037	8.579	$ 0.081	$ 8.661	$0.33	8.99
Mar	2037	8.453	$ 0.024	$ 8.477	$0.32	8.80
Apr	2037	8.209	$ 0.021	$ 8.229	$0.31	8.54
May	2037	8.259	$ 0.055	$ 8.314	$0.31	8.63
Jun	2037	8.342	$ 0.111	$ 8.452	$0.32	8.77
Jul	2037	8.699	$ 0.147	$ 8.846	$0.33	9.18
Aug	2037	8.757	$ 0.147	$ 8.904	$0.33	9.24
Sep	2037	8.636	$ 0.096	$ 8.732	$0.33	9.06
Oct	2037	8.429	$ 0.074	$ 8.616	$0.32	8.94
Nov	2037	8.650	$ 0.052	$ 8.702	$0.33	9.03
Dec	2037	9.011	$ 0.078	$ 9.089	$0.34	9.43
Jan	2038	9.174	$ 0.111	$ 9.286	$0.35	9.63
Feb	2038	9.231	$ 0.088	$ 9.319	$0.35	9.67
Mar	2038	9.090	$ 0.026	$ 9.115	$0.34	9.46
Apr	2038	8.779	$ 0.044	$ 8.823	$0.33	9.16
May	2038	8.833	$ 0.060	$ 8.893	$0.33	9.23
Jun	2038	8.897	$ 0.118	$ 9.015	$0.34	9.35
Jul	2038	9.149	$ 0.152	$ 9.301	$0.35	9.65
Aug	2038	9.214	$ 0.145	$ 9.359	$0.35	9.71
Sep	2038	9.007	$ 0.104	$ 9.111	$0.34	9.45
Oct	2038	8.916	$ 0.064	$ 8.980	$0.34	9.32
Nov	2038	9.064	$ 0.073	$ 9.137	$0.34	9.48
Dec	2038	9.388	$ 0.100	$ 9.488	$0.36	9.84
Jan	2039	9.405	$ 0.119	$ 9.524	$0.36	9.88
Feb	2039	9.463	$ 0.101	$ 9.564	$0.36	9.92
Mar	2039	9.237	$ 0.032	$ 9.269	$0.35	9.62
Apr	2039	8.644	$ 0.041	$ 8.685	$0.33	9.01
May	2039	8.694	$ 0.052	$ 8.746	$0.33	9.08
Jun	2039	8.750	$ 0.115	$ 8.865	$0.33	9.20
Jul	2039	8.838	$ 0.129	$ 8.967	$0.34	9.30
Aug	2039	9.665	$ 0.145	$ 9.749	$0.36	10.11
Sep	2039	9.561	$ 0.088	$ 9.649	$0.36	10.01
Oct	2039	9.206	$ 0.081	$ 9.287	$0.35	9.64
Nov	2039	9.110	$ 0.063	$ 9.173	$0.35	9.52
Dec	2039	9.596	$ 0.087	$ 9.683	$0.36	10.04
Jan	2040	9.823	$ 0.098	$ 9.920	$0.37	10.29
Feb	2040	9.874	$ 0.061	$ 9.935	$0.37	10.31
Mar	2040	9.714	$ 0.033	$ 9.747	$0.36	10.11
Apr	2040	9.392	$ 0.013	$ 9.405	$0.35	9.76
May	2040	9.446	$ 0.058	$ 9.504	$0.36	9.86
Jun	2040	9.526	$ 0.108	$ 9.634	$0.36	9.99
Jul	2040	9.875	$ 0.144	$ 10.020	$0.37	10.39
Aug	2040	9.935	$ 0.155	$ 10.090	$0.38	10.47
Sep	2040	9.916	$ 0.098	$ 10.014	$0.37	10.39
Oct	2040	9.694	$ 0.086	$ 9.780	$0.37	10.15
Nov	2040	9.797	$ 0.069	$ 9.866	$0.37	10.23
Dec	2040	10.132	$ 0.111	$ 10.243	$0.38	10.62
Jan	2041	10.303	$ 0.113	$ 10.415	$0.39	10.80
Feb	2041	10.342	$ 0.083	$ 10.425	$0.39	10.81
Mar	2041	10.122	$ 0.037	$ 10.159	$0.38	10.54
Apr	2041	9.753	$ 0.048	$ 9.801	$0.37	10.17
May	2041	9.813	$ 0.061	$ 9.874	$0.37	10.24
Jun	2041	9.918	$ 0.124	$ 10.041	$0.37	10.42
Jul	2041	10.353	$ 0.166	$ 10.519	$0.39	10.91
Aug	2041	10.415	$ 0.158	$ 10.572	$0.39	10.96
Sep	2041	10.418	$ 0.116	$ 10.534	$0.39	10.93
Oct	2041	10.075	$ 0.061	$ 10.137	$0.38	10.51
Nov	2041	10.261	$ 0.077	$ 10.338	$0.38	10.72
Dec	2041	10.461	$ 0.127	$ 10.678	$0.40	11.07
Jan	2042	10.687	$ 0.120	$ 10.807	$0.40	11.21
Feb	2042	10.731	$ 0.089	$ 10.820	$0.40	11.22
Mar	2042	10.464	$ 0.033	$ 10.537	$0.39	10.93
Apr	2042	10.210	$ 0.045	$ 10.255	$0.38	10.64
May	2042	10.273	$ 0.063	$ 10.336	$0.38	10.72
Jun	2042	10.373	$ 0.134	$ 10.507	$0.39	10.90
Jul	2042	10.902	$ 0.168	$ 11.070	$0.41	11.48
Aug	2042	10.971	$ 0.171	$ 11.142	$0.41	11.55
Sep	2042	10.935	$ 0.120	$ 11.055	$0.41	11.46
Oct	2042	10.560	$ 0.080	$ 10.640	$0.40	11.04
Nov	2042	10.618	$ 0.075	$ 10.693	$0.40	11.09
Dec	2042	10.954	$ 0.102	$ 11.055	$0.41	11.46
Jan	2043	11.155	$ 0.105	$ 11.260	$0.42	11.68
Feb	2043	11.191	$ 0.058	$ 11.249	$0.42	11.67
Mar	2043	10.972	$ 0.035	$ 11.007	$0.41	11.41
Apr	2043	10.591	$ 0.028	$ 10.620	$0.39	11.01
May	2043	10.658	$ 0.050	$ 10.707	$0.40	11.10
Jun	2043	10.737	$ 0.106	$ 10.843	$0.40	11.25
Jul	2043	11.261	$ 0.164	$ 11.426	$0.42	11.85
Aug	2043	11.329	$ 0.156	$ 11.485	$0.42	11.91
Sep	2043	11.385	$ 0.091	$ 11.476	$0.42	11.88
Oct	2043	10.943	$ 0.077	$ 11.018	$0.41	11.43
Nov	2043	11.036	$ 0.066	$ 11.103	$0.41	11.51
Dec	2043	11.394	$ 0.097	$ 11.491	$0.42	11.92
Jan	2044	11.212	$ 0.099	$ 11.311	$0.42	11.73
Feb	2044	11.261	$ 0.059	$ 11.320	$0.42	11.74
Mar	2044	11.025	$ 0.025	$ 11.050	$0.41	11.46
Apr	2044	10.824	$ 0.029	$ 10.853	$0.40	11.26
May	2044	10.887	$ 0.040	$ 10.926	$0.41	11.33
Jun	2044	10.952	$ 0.105	$ 11.057	$0.41	11.47
Jul	2044	11.464	$ 0.160	$ 11.615	$0.43	12.04
Aug	2044	11.525	$ 0.162	$ 11.687	$0.43	12.12
Sep	2044	11.504	$ 0.080	$ 11.584	$0.43	12.01
Oct	2044	11.213	$ 0.045	$ 11.258	$0.42	11.67
Nov	2044	11.387	$ 0.060	$ 11.447	$0.42	11.87
Dec	2044	11.740	$ 0.099	$ 11.839	$0.44	12.28
Jan	2045	11.803	$ 0.107	$ 11.910	$0.44	12.35
Feb	2045	11.873	$ 0.056	$ 11.928	$0.44	12.37
Mar	2045	11.683	$ 0.031	$ 11.714	$0.43	12.15
Apr	2045	11.414	$ 0.026	$ 11.440	$0.42	11.86
May	2045	11.474	$ 0.042	$ 11.516	$0.43	11.94
Jun	2045	11.545	$ 0.109	$ 11.654	$0.43	12.08
Jul	2045	12.078	$ 0.157	$ 12.235	$0.45	12.69
Aug	2045	12.154	$ 0.169	$ 12.323	$0.45	12.78
Sep	2045	12.175	$ 0.085	$ 12.259	$0.45	12.71
Oct	2045	11.813	$ 0.062	$ 11.876	$0.44	12.31
Nov	2045	12.004	$ 0.062	$ 12.067	$0.44	12.51
Dec	2045	12.362	$ 0.096	$ 12.458	$0.46	12.92
Jan	2046	12.608	$ 0.115	$ 12.723	$0.47	13.19
Feb	2046	12.647	$ 0.062	$ 12.708	$0.47	13.17
Mar	2046	12.352	$ 0.022	$ 12.374	$0.46	12.83
Apr	2046	12.007	$ 0.018	$ 12.025	$0.44	12.47
May	2046	12.060	$ 0.043	$ 12.103	$0.45	12.55
Jun	2046	12.132	$ 0.110	$ 12.241	$0.45	12.69
Jul	2046	12.749	$ 0.158	$ 12.908	$0.47	13.38
Aug	2046	12.851	$ 0.176	$ 13.027	$0.48	13.48
Sep	2046	12.789	$ 0.081	$ 12.870	$0.47	13.34
Oct	2046	12.385	$ 0.062	$ 12.447	$0.46	12.90
Nov	2046	12.499	$ 0.064	$ 12.563	$0.46	13.02
Dec	2046	12.826	$ 0.103	$ 12.929	$0.47	13.40
Jan	2047	13.168	$ 0.126	$ 13.294	$0.49	13.78
Feb	2047	13.190	$ 0.058	$ 13.248	$0.49	13.73
Mar	2047	12.721	$ 0.019	$ 12.740	$0.47	13.21
Apr	2047	12.424	$ 0.022	$ 12.447	$0.46	12.90
May	2047	12.475	$ 0.039	$ 12.514	$0.46	12.97
Jun	2047	12.548	$ 0.123	$ 12.671	$0.47	13.14
Jul	2047	13.163	$ 0.185	$ 13.327	$0.49	13.82
Aug	2047	13.245	$ 0.182	$ 13.427	$0.49	13.92
Sep	2047	13.239	$ 0.088	$ 13.327	$0.49	13.82
Oct	2047	13.003	$ 0.052	$ 13.055	$0.48	13.53
Nov	2047	13.118	$ 0.052	$ 13.170	$0.48	13.65
Dec	2047	13.170	$ 0.093	$ 13.263	$0.49	13.75
Jan	2048	13.311	$ 0.109	$ 13.420	$0.49	13.91
Feb	2048	13.375	$ 0.036	$ 13.411	$0.49	13.90
Mar	2048	13.073	$ 0.007	$ 13.080	$0.48	13.56
Apr	2048	12.884	$ 0.022	$ 12.906	$0.47	13.38
May	2048	12.957	$ 0.032	$ 12.989	$0.48	13.47
Jun	2048	13.091	$ 0.099	$ 13.190	$0.48

CONFIDENTIAL

DEF NATURAL GAS DISPATCH PRICES

Month	Year	Base HH Regular Supply Cost	Physical Basis FGT Z3	Base Cost Regular Supply Z3	GSNG MMBTU Variable Cost	GSNG Variable MMBTU Delivered Costs
Jan	2019	3.110	$ (0.046)	$ 3.064	$0.91	3.97
Feb	2019	2.690	$ (0.019)	$ 2.671	$0.90	3.57
Mar	2019	2.950	$ (0.003)	$ 2.947	$0.90	3.85
Apr	2019	2.650	$ (0.001)	$ 2.649	$0.90	3.55
May	2019	2.640	$ 0.005	$ 2.645	$0.90	3.54
Jun	2019	2.400	$ 0.037	$ 2.437	$0.89	3.33
Jul	2019	2.370	$ 0.048	$ 2.418	$0.89	3.31
Aug	2019	2.220	$ 0.056	$ 2.276	$0.89	3.17
Sep	2019	2.560	$ 0.016	$ 2.576	$0.90	3.47
Oct	2019	2.743	$ 0.010	$ 2.753	$0.90	3.65
Nov	2019	2.303	$ 0.012	$ 2.315	$0.89	3.21
Dec	2019	2.495	$ 0.023	$ 2.518	$0.90	3.41
Jan	2020	2.612	$ 0.035	$ 2.647	$0.90	3.55
Feb	2020	2.575	$ 0.024	$ 2.599	$0.90	3.50
Mar	2020	2.462	$ (0.020)	$ 2.442	$0.89	3.34
Apr	2020	2.247	$ (0.019)	$ 2.228	$0.89	3.12
May	2020	2.234	$ 0.005	$ 2.239	$0.89	3.13
Jun	2020	2.278	$ 0.026	$ 2.304	$0.89	3.20
Jul	2020	2.326	$ 0.048	$ 2.374	$0.89	3.27
Aug	2020	2.335	$ 0.055	$ 2.390	$0.89	3.28
Sep	2020	2.318	$ 0.012	$ 2.330	$0.89	3.22
Oct	2020	2.344	$ 0.016	$ 2.360	$0.89	3.25
Nov	2020	2.409	$ 0.025	$ 2.434	$0.89	3.33
Dec	2020	2.578	$ 0.034	$ 2.612	$0.90	3.51
Jan	2021	2.694	$ 0.038	$ 2.732	$0.90	3.63
Feb	2021	2.664	$ 0.033	$ 2.698	$0.90	3.58
Mar	2021	2.538	$ (0.015)	$ 2.523	$0.90	3.42
Apr	2021	2.263	$ (0.021)	$ 2.272	$0.89	3.16
May	2021	2.281	$ 0.005	$ 2.286	$0.89	3.18
Jun	2021	2.320	$ 0.025	$ 2.345	$0.89	3.24
Jul	2021	2.360	$ 0.047	$ 2.407	$0.89	3.30
Aug	2021	2.377	$ 0.058	$ 2.435	$0.89	3.33
Sep	2021	2.384	$ 0.011	$ 2.395	$0.89	3.29
Oct	2021	2.408	$ 0.018	$ 2.426	$0.89	3.32
Nov	2021	2.483	$ 0.027	$ 2.510	$0.90	3.41
Dec	2021	2.648	$ 0.038	$ 2.686	$0.90	3.58
Jan	2022	2.754	$ 0.041	$ 2.795	$0.90	3.70
Feb	2022	2.746	$ 0.036	$ 2.781	$0.90	3.68
Mar	2022	2.688	$ (0.013)	$ 2.675	$0.90	3.57
Apr	2022	2.562	$ (0.016)	$ 2.546	$0.90	3.44
May	2022	2.575	$ 0.007	$ 2.581	$0.90	3.48
Jun	2022	2.622	$ 0.034	$ 2.656	$0.90	3.55
Jul	2022	2.694	$ 0.059	$ 2.753	$0.90	3.65
Aug	2022	2.730	$ 0.066	$ 2.796	$0.90	3.70
Sep	2022	2.742	$ 0.021	$ 2.763	$0.90	3.66
Oct	2022	2.763	$ 0.024	$ 2.787	$0.90	3.69
Nov	2022	2.859	$ 0.034	$ 2.893	$0.90	3.80
Dec	2022	3.004	$ 0.044	$ 3.049	$0.91	3.95
Jan	2023	3.093	$ 0.052	$ 3.145	$0.91	4.05
Feb	2023	3.109	$ 0.047	$ 3.156	$0.91	4.06
Mar	2023	3.044	$ (0.003)	$ 3.042	$0.91	3.95
Apr	2023	2.964	$ (0.006)	$ 2.958	$0.90	3.86
May	2023	2.996	$ 0.016	$ 3.012	$0.90	3.92
Jun	2023	3.042	$ 0.042	$ 3.084	$0.91	4.00
Jul	2023	3.173	$ 0.068	$ 3.242	$0.91	4.15
Aug	2023	3.218	$ 0.076	$ 3.295	$0.91	4.21
Sep	2023	3.214	$ 0.029	$ 3.243	$0.91	4.15
Oct	2023	3.218	$ 0.030	$ 3.248	$0.91	4.16
Nov	2023	3.423	$ 0.037	$ 3.460	$0.91	4.37
Dec	2023	3.514	$ 0.053	$ 3.567	$0.92	4.48
Jan	2024	3.608	$ 0.058	$ 3.666	$0.92	4.58
Feb	2024	3.631	$ 0.050	$ 3.681	$0.92	4.60
Mar	2024	3.618	$ (0.002)	$ 3.616	$0.92	4.53
Apr	2024	3.592	$ (0.007)	$ 3.585	$0.92	4.50
May	2024	3.615	$ 0.017	$ 3.632	$0.92	4.55
Jun	2024	3.685	$ 0.046	$ 3.730	$0.92	4.65
Jul	2024	3.807	$ 0.077	$ 3.883	$0.92	4.80
Aug	2024	3.840	$ 0.077	$ 3.917	$0.92	4.84
Sep	2024	3.802	$ 0.047	$ 3.849	$0.92	4.77
Oct	2024	3.775	$ 0.040	$ 3.815	$0.92	4.74
Nov	2024	3.933	$ 0.044	$ 3.976	$0.92	4.90
Dec	2024	4.077	$ 0.056	$ 4.133	$0.93	5.06
Jan	2025	4.135	$ 0.061	$ 4.196	$0.93	5.12
Feb	2025	4.161	$ 0.055	$ 4.216	$0.93	5.14
Mar	2025	4.084	$ (0.001)	$ 4.083	$0.93	5.01
Apr	2025	4.014	$ (0.011)	$ 4.013	$0.92	4.94
May	2025	4.047	$ 0.016	$ 4.063	$0.92	4.99
Jun	2025	4.077	$ 0.054	$ 4.131	$0.93	5.06
Jul	2025	4.292	$ 0.078	$ 4.370	$0.93	5.30
Aug	2025	4.327	$ 0.078	$ 4.404	$0.93	5.34
Sep	2025	3.954	$ 0.045	$ 3.999	$0.92	4.92
Oct	2025	3.931	$ 0.035	$ 3.966	$0.92	4.89
Nov	2025	4.044	$ 0.036	$ 4.080	$0.93	5.01
Dec	2025	4.230	$ 0.051	$ 4.282	$0.93	5.21
Jan	2026	4.486	$ 0.057	$ 4.543	$0.93	5.48
Feb	2026	4.511	$ 0.053	$ 4.564	$0.93	5.50
Mar	2026	4.404	$ (0.003)	$ 4.401	$0.93	5.33
Apr	2026	4.329	$ (0.001)	$ 4.328	$0.93	5.26
May	2026	4.356	$ 0.022	$ 4.378	$0.93	5.31
Jun	2026	4.419	$ 0.053	$ 4.471	$0.93	5.40
Jul	2026	4.729	$ 0.077	$ 4.806	$0.94	5.74
Aug	2026	4.768	$ 0.078	$ 4.845	$0.94	5.78
Sep	2026	4.580	$ 0.041	$ 4.621	$0.94	5.56
Oct	2026	4.509	$ 0.034	$ 4.543	$0.93	5.48
Nov	2026	4.580	$ 0.042	$ 4.622	$0.94	5.56
Dec	2026	4.785	$ 0.054	$ 4.839	$0.94	5.78
Jan	2027	4.934	$ 0.062	$ 4.995	$0.94	5.94
Feb	2027	4.964	$ 0.057	$ 5.021	$0.94	5.96
Mar	2027	4.885	$ (0.002)	$ 4.883	$0.94	5.82
Apr	2027	4.712	$ (0.002)	$ 4.710	$0.94	5.65
May	2027	4.740	$ 0.021	$ 4.761	$0.94	5.70
Jun	2027	4.829	$ 0.051	$ 4.880	$0.94	5.82
Jul	2027	5.195	$ 0.079	$ 5.273	$0.95	6.22
Aug	2027	5.231	$ 0.082	$ 5.313	$0.95	6.26
Sep	2027	5.177	$ 0.043	$ 5.220	$0.95	6.17
Oct	2027	4.938	$ 0.038	$ 4.977	$0.94	5.92
Nov	2027	5.015	$ 0.043	$ 5.057	$0.94	6.00
Dec	2027	5.256	$ 0.054	$ 5.309	$0.95	6.26
Jan	2028	5.442	$ 0.063	$ 5.505	$0.95	6.46
Feb	2028	5.475	$ 0.047	$ 5.522	$0.95	6.47
Mar	2028	5.346	$ (0.002)	$ 5.344	$0.95	6.29
Apr	2028	5.311	$ (0.006)	$ 5.305	$0.95	6.25
May	2028	5.344	$ 0.024	$ 5.367	$0.95	6.32
Jun	2028	5.586	$ 0.059	$ 5.645	$0.95	6.60
Jul	2028	5.576	$ 0.091	$ 5.667	$0.96	6.62
Aug	2028	5.618	$ 0.089	$ 5.707	$0.96	6.66
Sep	2028	5.672	$ 0.048	$ 5.720	$0.96	6.68
Oct	2028	5.619	$ 0.044	$ 5.663	$0.95	6.62
Nov	2028	5.676	$ 0.046	$ 5.722	$0.96	6.68
Dec	2028	5.966	$ 0.054	$ 6.053	$0.96	7.02
Jan	2029	6.140	$ 0.075	$ 6.215	$0.97	7.18
Feb	2029	6.178	$ 0.068	$ 6.246	$0.97	7.21
Mar	2029	5.940	$ (0.002)	$ 5.902	$0.96	6.86
Apr	2029	5.914	$ 0.002	$ 5.916	$0.96	6.88
May	2029	5.999	$ 0.027	$ 6.026	$0.96	6.99
Jun	2029	6.162	$ 0.062	$ 6.224	$0.97	7.19
Jul	2029	5.802	$ 0.091	$ 5.893	$0.96	6.85
Aug	2029	5.845	$ 0.098	$ 5.943	$0.96	6.90
Sep	2029	6.001	$ 0.053	$ 6.054	$0.96	7.02
Oct	2029	5.987	$ 0.040	$ 6.027	$0.96	6.99
Nov	2029	5.861	$ 0.063	$ 5.924	$0.96	6.88
Dec	2029	6.131	$ 0.062	$ 6.193	$0.96	7.16
Jan	2030	6.179	$ 0.075	$ 6.255	$0.97	7.22
Feb	2030	6.217	$ 0.069	$ 6.287	$0.97	7.25
Mar	2030	6.071	$ 0.004	$ 6.074	$0.96	7.04
Apr	2030	6.028	$ (0.008)	$ 6.020	$0.96	6.98
May	2030	6.064	$ 0.029	$ 6.093	$0.96	7.06
Jun	2030	6.163	$ 0.069	$ 6.232	$0.97	7.20
Jul	2030	6.600	$ 0.104	$ 6.704	$0.97	7.68
Aug	2030	6.649	$ 0.113	$ 6.761	$0.98	7.74
Sep	2030	6.551	$ 0.056	$ 6.607	$0.97	7.58
Oct	2030	6.255	$ 0.053	$ 6.307	$0.97	7.27
Nov	2030	6.140	$ 0.056	$ 6.196	$0.96	7.16
Dec	2030	6.439	$ 0.064	$ 6.503	$0.97	7.47
Jan	2031	6.474	$ 0.098	$ 6.572	$0.97	7.65
Feb	2031	6.615	$ 0.092	$ 6.708	$0.97	7.68
Mar	2031	6.485	$ 0.019	$ 6.504	$0.97	7.47
Apr	2031	6.441	$ 0.000	$ 6.431	$0.97	7.40
May	2031	6.470	$ 0.055	$ 6.525	$0.97	7.50
Jun	2031	6.558	$ 0.082	$ 6.640	$0.97	7.61
Jul	2031	7.001	$ 0.116	$ 7.117	$0.98	8.10
Aug	2031	7.070	$ 0.139	$ 7.210	$0.98	8.19
Sep	2031	6.940	$ 0.086	$ 7.026	$0.98	8.01
Oct	2031	6.723	$ 0.082	$ 6.806	$0.98	7.78
Nov	2031	6.818	$ 0.066	$ 6.884	$0.98	7.86
Dec	2031	7.054	$ 0.082	$ 7.135	$0.98	8.12
Jan	2032	7.049	$ 0.106	$ 7.155	$0.98	8.14
Feb	2032	7.087	$ 0.077	$ 7.165	$0.98	8.15
Mar	2032	7.059	$ 0.050	$ 7.109	$0.98	8.09
Apr	2032	6.843	$ 0.026	$ 6.869	$0.98	7.85
May	2032	6.880	$ 0.069	$ 6.949	$0.98	7.93
Jun	2032	6.924	$ 0.095	$ 7.019	$0.98	8.00
Jul	2032	7.118	$ 0.136	$ 7.254	$0.98	8.24
Aug	2032	7.178	$ 0.159	$ 7.338	$0.99	8.32
Sep	2032	7.075	$ 0.091	$ 7.166	$0.98	8.15
Oct	2032	7.029	$ 0.088	$ 7.117	$0.98	8.10
Nov	2032	7.193	$ 0.053	$ 7.247	$0.98	8.23
Dec	2032	7.210	$ 0.072	$ 7.283	$0.99	8.27
Jan	2033	6.845	$ 0.093	$ 6.938	$0.98	7.92
Feb	2033	6.867	$ 0.091	$ 6.983	$0.98	7.96
Mar	2033	6.825	$ 0.022	$ 6.846	$0.98	7.82
Apr	2033	6.823	$ 0.016	$ 6.839	$0.98	7.82
May	2033	6.867	$ 0.032	$ 6.899	$0.98	7.88
Jun	2033	6.915	$ 0.080	$ 6.995	$0.98	7.98
Jul	2033	7.127	$ 0.119	$ 7.246	$0.98	8.23
Aug	2033	7.180	$ 0.127	$ 7.316	$0.99	8.30
Sep	2033	7.095	$ 0.068	$ 7.163	$0.98	8.15
Oct	2033	7.029	$ 0.053	$ 7.082	$0.98	8.06
Nov	2033	7.258	$ 0.033	$ 7.288	$0.99	8.25
Dec	2033	7.489	$ 0.047	$ 7.537	$0.99	8.53
Jan	2034	7.689	$ 0.080	$ 7.769	$0.99	8.76
Feb	2034	7.467	$ 0.056	$ 7.522	$0.99	8.51
Mar	2034	7.251	$ (0.008)	$ 7.244	$0.98	8.23
Apr	2034	7.165	$ 0.009	$ 7.174	$0.98	8.16
May	2034	7.211	$ 0.039	$ 7.250	$0.98	8.23
Jun	2034	7.259	$ 0.084	$ 7.343	$0.99	8.33
Jul	2034	7.607	$ 0.125	$ 7.732	$0.99	8.73
Aug	2034	7.666	$ 0.144	$ 7.809	$1.00	8.80
Sep	2034	7.520	$ 0.074	$ 7.595	$0.99	8.59
Oct	2034	7.335	$ 0.049	$ 7.384	$0.99	8.37
Nov	2034	7.652	$ 0.034	$ 7.686	$0.99	8.68
Dec	2034	7.921	$ 0.055	$ 7.977	$1.00	8.98
Jan	2035	8.040	$ 0.086	$ 8.126	$1.00	9.13
Feb	2035	8.081	$ 0.065	$ 8.146	$1.00	9.15
Mar	2035	7.835	$ 0.018	$ 7.853	$1.00	8.85
Apr	2035	7.481	$ 0.023	$ 7.505	$0.99	8.49
May	2035	7.528	$ 0.046	$ 7.574	$0.99	8.56
Jun	2035	7.576	$ 0.091	$ 7.667	$0.99	8.66
Jul	2035	7.968	$ 0.130	$ 8.098	$1.00	9.10
Aug	2035	8.018	$ 0.147	$ 8.165	$1.00	9.17
Sep	2035	7.884	$ 0.075	$ 7.959	$1.00	8.96
Oct	2035	7.682	$ 0.048	$ 7.730	$0.99	8.72
Nov	2035	7.748	$ 0.033	$ 7.781	$0.99	8.78
Dec	2035	7.963	$ 0.058	$ 8.021	$1.00	9.02
Jan	2036	8.009	$ 0.093	$ 8.102	$1.00	9.10
Feb	2036	8.043	$ 0.034	$ 8.078	$1.00	9.08
Mar	2036	7.929	$ 0.020	$ 7.829	$1.00	8.93
Apr	2036	7.599	$ 0.023	$ 7.622	$0.99	8.61
May	2036	7.646	$ 0.049	$ 7.696	$0.99	8.69
Jun	2036	7.702	$ 0.096	$ 7.799	$1.00	8.79
Jul	2036	7.930	$ 0.135	$ 8.065	$1.00	9.07
Aug	2036	7.987	$ 0.150	$ 8.137	$1.00	9.14
Sep	2036	7.948	$ 0.089	$ 8.037	$1.00	9.04
Oct	2036	7.896	$ 0.076	$ 7.971	$1.00	8.97
Nov	2036	8.002	$ 0.051	$ 8.053	$1.00	9.05
Dec	2036	8.368	$ 0.064	$ 8.432	$1.01	9.44
Jan	2037	8.526	$ 0.105	$ 8.631	$1.01	9.64
Feb	2037	8.579	$ 0.081	$ 8.661	$1.01	9.67
Mar	2037	8.453	$ 0.024	$ 8.477	$1.01	9.48
Apr	2037	8.208	$ 0.021	$ 8.229	$1.00	9.23
May	2037	8.259	$ 0.055	$ 8.314	$1.00	9.32
Jun	2037	8.342	$ 0.111	$ 8.452	$1.01	9.46
Jul	2037	8.698	$ 0.147	$ 8.846	$1.01	9.86
Aug	2037	8.757	$ 0.147	$ 8.904	$1.02	9.92
Sep	2037	8.636	$ 0.096	$ 8.732	$1.01	9.74
Oct	2037	8.542	$ 0.074	$ 8.616	$1.01	9.63
Nov	2037	8.650	$ 0.052	$ 8.702	$1.01	9.71
Dec	2037	9.011	$ 0.078	$ 9.089	$1.02	10.11
Jan	2038	9.175	$ 0.111	$ 9.286	$1.02	10.31
Feb	2038	9.211	$ 0.088	$ 9.319	$1.02	10.34
Mar	2038	9.090	$ 0.026	$ 9.115	$1.02	10.14
Apr	2038	8.779	$ 0.044	$ 8.823	$1.01	9.84
May	2038	8.833	$ 0.060	$ 8.893	$1.02	9.91
Jun	2038	8.897	$ 0.118	$ 9.015	$1.02	10.03
Jul	2038	9.149	$ 0.152	$ 9.301	$1.02	10.32
Aug	2038	9.214	$ 0.145	$ 9.359	$1.02	10.38
Sep	2038	9.007	$ 0.104	$ 9.111	$1.02	10.13
Oct	2038	8.916	$ 0.064	$ 8.980	$1.02	10.00
Nov	2038	9.064	$ 0.073	$ 9.137	$1.02	10.16
Dec	2038	9.388	$ 0.100	$ 9.488	$1.03	10.52
Jan	2039	9.405	$ 0.119	$ 9.524	$1.03	10.55
Feb	2039	9.463	$ 0.101	$ 9.564	$1.03	10.59
Mar	2039	9.237	$ 0.032	$ 9.269	$1.02	10.29
Apr	2039	8.644	$ 0.041	$ 8.685	$1.01	9.70
May	2039	8.694	$ 0.052	$ 8.746	$1.01	9.76
Jun	2039	8.750	$ 0.115	$ 8.865	$1.02	9.88
Jul	2039	8.838	$ 0.129	$ 8.967	$1.02	9.98
Aug	2039	9.003	$ 0.145	$ 9.749	$1.03	10.78
Sep	2039	9.561	$ 0.088	$ 9.649	$1.03	10.68
Oct	2039	9.266	$ 0.081	$ 9.935	$1.04	10.97
Nov	2039	9.310	$ 0.063	$ 9.373	$1.02	10.40
Dec	2039	9.596	$ 0.087	$ 9.683	$1.03	10.71
Jan	2040	9.823	$ 0.098	$ 9.920	$1.04	10.96
Feb	2040	9.874	$ 0.061	$ 9.935	$1.04	10.97
Mar	2040	9.714	$ 0.033	$ 9.747	$1.03	10.78
Apr	2040	9.392	$ 0.013	$ 9.405	$1.03	10.43
May	2040	9.446	$ 0.058	$ 9.504	$1.03	10.53
Jun	2040	9.526	$ 0.108	$ 9.634	$1.03	10.66
Jul	2040	9.875	$ 0.144	$ 10.020	$1.04	11.06
Aug	2040	9.935	$ 0.155	$ 10.090	$1.04	11.13
Sep	2040	9.916	$ 0.098	$ 10.014	$1.04	11.05
Oct	2040	9.694	$ 0.086	$ 9.780	$1.03	10.81
Nov	2040	9.797	$ 0.068	$ 9.865	$1.03	10.90
Dec	2040	10.132	$ 0.111	$ 10.243	$1.04	11.28
Jan	2041	10.303	$ 0.113	$ 10.415	$1.04	11.46
Feb	2041	10.342	$ 0.083	$ 10.425	$1.04	11.47
Mar	2041	10.122	$ 0.037	$ 10.159	$1.04	11.20
Apr	2041	9.753	$ 0.048	$ 9.801	$1.03	10.83
May	2041	9.813	$ 0.061	$ 9.874	$1.03	10.91
Jun	2041	9.916	$ 0.124	$ 10.041	$1.04	11.08
Jul	2041	10.353	$ 0.166	$ 10.519	$1.05	11.57
Aug	2041	10.415	$ 0.158	$ 10.572	$1.05	11.62
Sep	2041	10.418	$ 0.116	$ 10.534	$1.05	11.58
Oct	2041	10.075	$ 0.061	$ 10.137	$1.04	11.18
Nov	2041	10.261	$ 0.077	$ 10.338	$1.04	11.38
Dec	2041	10.551	$ 0.127	$ 10.678	$1.05	11.73
Jan	2042	10.687	$ 0.120	$ 10.807	$1.05	11.86
Feb	2042	10.731	$ 0.089	$ 10.820	$1.05	11.87
Mar	2042	10.504	$ 0.033	$ 10.537	$1.05	11.58
Apr	2042	10.210	$ 0.045	$ 10.255	$1.04	11.30
May	2042	10.273	$ 0.063	$ 10.336	$1.04	11.38
Jun	2042	10.373	$ 0.134	$ 10.507	$1.05	11.55
Jul	2042	10.902	$ 0.168	$ 11.070	$1.06	12.13
Aug	2042	10.971	$ 0.171	$ 11.142	$1.06	12.20
Sep	2042	10.935	$ 0.120	$ 11.055	$1.06	12.11
Oct	2042	10.560	$ 0.080	$ 10.640	$1.05	11.69
Nov	2042	10.618	$ 0.075	$ 10.693	$1.05	11.74
Dec	2042	10.954	$ 0.102	$ 11.055	$1.06	12.11
Jan	2043	11.155	$ 0.105	$ 11.260	$1.06	12.32
Feb	2043	11.191	$ 0.058	$ 11.249	$1.06	12.31
Mar	2043	10.972	$ 0.035	$ 11.007	$1.06	12.06
Apr	2043	10.591	$ 0.028	$ 10.620	$1.05	11.67
May	2043	10.656	$ 0.050	$ 10.707	$1.05	11.76
Jun	2043	10.737	$ 0.106	$ 10.843	$1.05	11.90
Jul	2043	11.261	$ 0.164	$ 11.426	$1.06	12.49
Aug	2043	11.329	$ 0.158	$ 11.485	$1.06	12.55
Sep	2043	11.365	$ 0.091	$ 11.456	$1.06	12.52
Oct	2043	10.947	$ 0.077	$ 11.018	$1.06	12.07
Nov	2043	11.036	$ 0.066	$ 11.103	$1.06	12.16
Dec	2043	11.394	$ 0.097	$ 11.491	$1.06	12.56
Jan	2044	11.212	$ 0.099	$ 11.311	$1.06	12.37
Feb	2044	11.261	$ 0.059	$ 11.320	$1.06	12.38
Mar	2044	11.025	$ 0.025	$ 11.050	$1.06	12.11
Apr	2044	10.814	$ 0.039	$ 10.853	$1.05	11.91
May	2044	10.887	$ 0.040	$ 10.926	$1.05	11.98
Jun	2044	10.952	$ 0.105	$ 11.057	$1.06	12.11
Jul	2044	11.455	$ 0.160	$ 11.615	$1.07	12.68
Aug	2044	11.525	$ 0.162	$ 11.687	$1.07	12.76
Sep	2044	11.504	$ 0.080	$ 11.584	$1.07	12.65
Oct	2044	11.213	$ 0.045	$ 11.258	$1.06	12.32
Nov	2044	11.387	$ 0.060	$ 11.447	$1.06	12.51
Dec	2044	11.740	$ 0.099	$ 11.839	$1.07	12.91
Jan	2045	11.803	$ 0.107	$ 11.910	$1.07	12.98
Feb	2045	11.873	$ 0.056	$ 11.928	$1.07	13.00
Mar	2045	11.683	$ 0.031	$ 11.714	$1.07	12.78
Apr	2045	11.414	$ 0.026	$ 11.440	$1.06	12.50
May	2045	11.474	$ 0.042	$ 11.516	$1.07	12.58
Jun	2045	11.545	$ 0.109	$ 11.654	$1.07	12.72
Jul	2045	12.078	$ 0.157	$ 12.235	$1.08	13.31
Aug	2045	12.154	$ 0.169	$ 12.323	$1.08	13.40
Sep	2045	12.175	$ 0.085	$ 12.259	$1.08	13.34
Oct	2045	11.813	$ 0.062	$ 11.876	$1.07	12.95
Nov	2045	12.006	$ 0.062	$ 12.067	$1.08	13.14
Dec	2045	12.362	$ 0.096	$ 12.458	$1.08	13.54
Jan	2046	12.608	$ 0.115	$ 12.723	$1.09	13.81
Feb	2046	12.647	$ 0.062	$ 12.708	$1.09	13.80
Mar	2046	12.352	$ 0.022	$ 12.374	$1.08	13.46
Apr	2046	12.007	$ 0.018	$ 12.025	$1.07	13.10
May	2046	12.060	$ 0.043	$ 12.103	$1.08	13.18
Jun	2046	12.132	$ 0.110	$ 12.241	$1.08	13.32
Jul	2046	12.749	$ 0.158	$ 12.908	$1.09	14.00
Aug	2046	12.831	$ 0.176	$ 13.007	$1.09	14.10
Sep	2046	12.789	$ 0.081	$ 12.870	$1.09	13.96
Oct	2046	12.385	$ 0.062	$ 12.447	$1.08	13.53
Nov	2046	12.489	$ 0.064	$ 12.563	$1.08	13.65
Dec	2046	12.826	$ 0.103	$ 12.929	$1.09	14.02
Jan	2047	13.168	$ 0.126	$ 13.294	$1.10	14.39
Feb	2047	13.190	$ 0.058	$ 13.248	$1.10	14.35
Mar	2047	12.721	$ 0.019	$ 12.740	$1.09	13.83
Apr	2047	12.424	$ 0.022	$ 12.447	$1.08	13.53
May	2047	12.476	$ 0.039	$ 12.514	$1.08	13.60
Jun	2047	12.548	$ 0.123	$ 12.671	$1.09	13.76
Jul	2047	13.163	$ 0.165	$ 13.327	$1.10	14.43
Aug	2047	13.245	$ 0.182	$ 13.427	$1.10	14.53
Sep	2047	13.198	$ 0.088	$ 13.327	$1.10	14.43
Oct	2047	13.003	$ 0.052	$ 13.055	$1.09	14.15
Nov	2047	13.118	$ 0.052	$ 13.170	$1.10	14.27
Dec	2047	13.170	$ 0.093	$ 13.263	$1.10	14.36
Jan	2048	13.311	$ 0.109	$ 13.420	$1.10	14.52
Feb	2048	13.375	$ 0.036	$ 13.411	$1.10	14.51
Mar	2048	13.073	$ 0.007	$ 13.080	$1.09	14.17
Apr	2048	12.884	$ 0.022	$ 12.906	$1.09	14.00
May	2048	12.957	$ 0.032	$ 12.989	$1.09	14.08
Jun	2048	13.

CONFIDENTIAL

DEF NATURAL GAS DISPATCH PRICES

Month	Year	Base HH Regular Supply Cost	Physical Basis Transco Zone 4	Base Cost Regular Supply Z4	Sabal Trail MMBTU Variable Cost	Sabal Trail Variable MMBTU Delivered Costs
Jan	2019	3.110	$ (0.055)	$ 3.055	$0.10	3.16
Feb	2019	2.690	$ (0.035)	$ 2.655	$0.09	2.74
Mar	2019	2.950	$ (0.050)	$ 2.900	$0.10	3.00
Apr	2019	2.650	$ (0.030)	$ 2.620	$0.09	2.71
May	2019	2.640	$ (0.004)	$ 2.636	$0.09	2.73
Jun	2019	2.400	$ 0.003	$ 2.403	$0.08	2.48
Jul	2019	2.370	$ 0.011	$ 2.381	$0.08	2.46
Aug	2019	2.289	$ 0.011	$ 2.231	$0.08	2.31
Sep	2019	2.560	$ 0.002	$ 2.562	$0.09	2.65
Oct	2019	2.743	$ (0.030)	$ 2.713	$0.09	2.80
Nov	2019	2.303	$ (0.021)	$ 2.282	$0.08	2.36
Dec	2019	2.495	$ (0.007)	$ 2.488	$0.08	2.57
Jan	2020	2.612	$ (0.009)	$ 2.603	$0.09	2.69
Feb	2020	2.575	$ (0.024)	$ 2.551	$0.09	2.64
Mar	2020	2.462	$ (0.021)	$ 2.441	$0.08	2.52
Apr	2020	2.247	$ (0.051)	$ 2.196	$0.07	2.27
May	2020	2.234	$ (0.050)	$ 2.184	$0.07	2.26
Jun	2020	2.278	$ (0.040)	$ 2.238	$0.08	2.31
Jul	2020	2.306	$ (0.027)	$ 2.299	$0.08	2.38
Aug	2020	2.335	$ (0.006)	$ 2.329	$0.08	2.41
Sep	2020	2.318	$ (0.045)	$ 2.273	$0.08	2.35
Oct	2020	2.344	$ (0.063)	$ 2.281	$0.08	2.36
Nov	2020	2.409	$ (0.031)	$ 2.378	$0.08	2.46
Dec	2020	2.578	$ (0.024)	$ 2.554	$0.09	2.64
Jan	2021	2.654	$ (0.010)	$ 2.644	$0.09	2.77
Feb	2021	2.654	$ (0.026)	$ 2.627	$0.09	2.72
Mar	2021	2.538	$ (0.017)	$ 2.521	$0.09	2.61
Apr	2021	2.365	$ (0.072)	$ 2.221	$0.08	2.30
May	2021	2.281	$ (0.066)	$ 2.215	$0.08	2.29
Jun	2021	2.320	$ (0.048)	$ 2.272	$0.08	2.35
Jul	2021	2.360	$ (0.039)	$ 2.321	$0.08	2.40
Aug	2021	2.377	$ (0.020)	$ 2.358	$0.08	2.44
Sep	2021	2.384	$ (0.054)	$ 2.330	$0.08	2.41
Oct	2021	2.409	$ (0.061)	$ 2.346	$0.08	2.43
Nov	2021	2.483	$ (0.036)	$ 2.446	$0.08	2.53
Dec	2021	2.648	$ (0.023)	$ 2.625	$0.09	2.71
Jan	2022	2.754	$ (0.017)	$ 2.737	$0.09	2.83
Feb	2022	2.746	$ (0.027)	$ 2.719	$0.09	2.81
Mar	2022	2.688	$ (0.029)	$ 2.659	$0.09	2.75
Apr	2022	2.562	$ (0.067)	$ 2.494	$0.08	2.58
May	2022	2.575	$ (0.067)	$ 2.507	$0.08	2.59
Jun	2022	2.622	$ (0.044)	$ 2.578	$0.09	2.67
Jul	2022	2.694	$ (0.024)	$ 2.669	$0.09	2.76
Aug	2022	2.730	$ (0.015)	$ 2.715	$0.09	2.81
Sep	2022	2.742	$ (0.049)	$ 2.693	$0.09	2.78
Oct	2022	2.763	$ (0.058)	$ 2.705	$0.09	2.80
Nov	2022	2.853	$ (0.032)	$ 2.827	$0.10	2.92
Dec	2022	3.004	$ (0.015)	$ 2.990	$0.10	3.09
Jan	2023	3.093	$ (0.019)	$ 3.073	$0.10	3.18
Feb	2023	3.109	$ (0.034)	$ 3.075	$0.10	3.18
Mar	2023	3.044	$ (0.028)	$ 3.016	$0.10	3.12
Apr	2023	2.964	$ (0.068)	$ 2.896	$0.10	2.99
May	2023	2.996	$ (0.064)	$ 2.931	$0.10	3.03
Jun	2023	3.052	$ (0.050)	$ 3.002	$0.10	3.10
Jul	2023	3.173	$ (0.040)	$ 3.134	$0.11	3.24
Aug	2023	3.218	$ (0.029)	$ 3.189	$0.11	3.30
Sep	2023	3.214	$ (0.050)	$ 3.164	$0.11	3.27
Oct	2023	3.218	$ (0.061)	$ 3.158	$0.11	3.26
Nov	2023	3.423	$ (0.046)	$ 3.377	$0.11	3.49
Dec	2023	3.514	$ (0.023)	$ 3.491	$0.12	3.61
Jan	2024	3.608	$ (0.030)	$ 3.578	$0.12	3.70
Feb	2024	3.631	$ (0.044)	$ 3.587	$0.12	3.71
Mar	2024	3.618	$ (0.046)	$ 3.572	$0.12	3.69
Apr	2024	3.592	$ (0.086)	$ 3.506	$0.12	3.62
May	2024	3.615	$ (0.081)	$ 3.533	$0.12	3.65
Jun	2024	3.685	$ (0.060)	$ 3.625	$0.12	3.75
Jul	2024	3.807	$ (0.045)	$ 3.762	$0.13	3.89
Aug	2024	3.840	$ (0.029)	$ 3.811	$0.13	3.94
Sep	2024	3.802	$ (0.060)	$ 3.742	$0.13	3.87
Oct	2024	3.775	$ (0.060)	$ 3.714	$0.12	3.84
Nov	2024	3.933	$ (0.050)	$ 3.883	$0.13	4.01
Dec	2024	4.077	$ (0.038)	$ 4.039	$0.13	4.17
Jan	2025	4.135	$ (0.030)	$ 4.106	$0.14	4.24
Feb	2025	4.161	$ (0.044)	$ 4.117	$0.14	4.25
Mar	2025	4.084	$ (0.048)	$ 4.036	$0.13	4.17
Apr	2025	4.024	$ (0.098)	$ 3.926	$0.13	4.06
May	2025	4.047	$ (0.093)	$ 3.954	$0.13	4.09
Jun	2025	4.077	$ (0.060)	$ 4.018	$0.13	4.15
Jul	2025	4.291	$ (0.038)	$ 4.253	$0.14	4.39
Aug	2025	4.327	$ (0.025)	$ 4.301	$0.14	4.44
Sep	2025	3.954	$ (0.059)	$ 3.895	$0.13	4.03
Oct	2025	3.931	$ (0.078)	$ 3.853	$0.13	3.98
Nov	2025	4.044	$ (0.065)	$ 3.978	$0.13	4.11
Dec	2025	4.230	$ (0.055)	$ 4.176	$0.14	4.32
Jan	2026	4.486	$ (0.045)	$ 4.441	$0.15	4.59
Feb	2026	4.511	$ (0.053)	$ 4.458	$0.15	4.61
Mar	2026	4.404	$ (0.059)	$ 4.345	$0.14	4.49
Apr	2026	4.329	$ (0.089)	$ 4.240	$0.14	4.38
May	2026	4.356	$ (0.088)	$ 4.267	$0.14	4.41
Jun	2026	4.419	$ (0.060)	$ 4.359	$0.15	4.50
Jul	2026	4.729	$ (0.044)	$ 4.685	$0.16	4.84
Aug	2026	4.766	$ (0.036)	$ 4.730	$0.16	4.89
Sep	2026	4.580	$ (0.063)	$ 4.517	$0.15	4.67
Oct	2026	4.509	$ (0.088)	$ 4.421	$0.15	4.57
Nov	2026	4.580	$ (0.064)	$ 4.516	$0.15	4.67
Dec	2026	4.785	$ (0.049)	$ 4.736	$0.16	4.89
Jan	2027	4.954	$ (0.040)	$ 4.894	$0.16	5.06
Feb	2027	4.964	$ (0.052)	$ 4.912	$0.16	5.08
Mar	2027	4.885	$ (0.064)	$ 4.821	$0.16	4.98
Apr	2027	4.717	$ (0.097)	$ 4.615	$0.15	4.77
May	2027	4.740	$ (0.096)	$ 4.644	$0.15	4.80
Jun	2027	4.829	$ (0.060)	$ 4.769	$0.16	4.93
Jul	2027	5.195	$ (0.044)	$ 5.150	$0.17	5.32
Aug	2027	5.231	$ (0.034)	$ 5.197	$0.17	5.37
Sep	2027	5.177	$ (0.066)	$ 5.111	$0.17	5.28
Oct	2027	4.938	$ (0.088)	$ 4.850	$0.16	5.01
Nov	2027	5.015	$ (0.064)	$ 4.951	$0.16	5.12
Dec	2027	5.256	$ (0.047)	$ 5.208	$0.17	5.38
Jan	2028	5.442	$ (0.035)	$ 5.407	$0.18	5.59
Feb	2028	5.475	$ (0.059)	$ 5.416	$0.18	5.60
Mar	2028	5.346	$ (0.066)	$ 5.280	$0.18	5.46
Apr	2028	5.311	$ (0.110)	$ 5.201	$0.17	5.37
May	2028	5.344	$ (0.100)	$ 5.244	$0.17	5.42
Jun	2028	5.586	$ (0.057)	$ 5.529	$0.18	5.71
Jul	2028	5.576	$ (0.036)	$ 5.541	$0.18	5.72
Aug	2028	5.618	$ (0.026)	$ 5.592	$0.19	5.78
Sep	2028	5.672	$ (0.063)	$ 5.610	$0.19	5.80
Oct	2028	5.619	$ (0.086)	$ 5.533	$0.18	5.72
Nov	2028	5.676	$ (0.066)	$ 5.609	$0.19	5.79
Dec	2028	5.999	$ (0.054)	$ 5.945	$0.20	6.14
Jan	2029	6.140	$ (0.034)	$ 6.106	$0.20	6.31
Feb	2029	6.178	$ (0.048)	$ 6.129	$0.20	6.33
Mar	2029	6.144	$ (0.041)	$ 6.103	$0.20	6.03
Apr	2029	5.914	$ (0.109)	$ 5.806	$0.19	6.00
May	2029	5.905	$ (0.104)	$ 5.895	$0.20	6.09
Jun	2029	6.162	$ (0.072)	$ 6.090	$0.20	6.29
Jul	2029	5.802	$ (0.048)	$ 5.754	$0.19	5.94
Aug	2029	5.845	$ (0.033)	$ 5.812	$0.19	6.00
Sep	2029	6.001	$ (0.072)	$ 5.928	$0.20	6.12
Oct	2029	5.987	$ (0.098)	$ 5.889	$0.19	6.08
Nov	2029	5.861	$ (0.044)	$ 5.817	$0.19	6.01
Dec	2029	6.131	$ (0.043)	$ 6.087	$0.20	6.29
Jan	2030	6.179	$ (0.028)	$ 6.151	$0.20	6.35
Feb	2030	6.217	$ (0.042)	$ 6.176	$0.20	6.38
Mar	2030	6.071	$ (0.052)	$ 6.019	$0.20	6.22
Apr	2030	6.028	$ (0.123)	$ 5.905	$0.20	6.10
May	2030	6.064	$ (0.101)	$ 5.963	$0.20	6.16
Jun	2030	6.163	$ (0.047)	$ 6.116	$0.20	6.32
Jul	2030	6.600	$ (0.018)	$ 6.582	$0.22	6.80
Aug	2030	6.649	$ 0.003	$ 6.651	$0.22	6.87
Sep	2030	6.551	$ (0.055)	$ 6.496	$0.21	6.71
Oct	2030	6.255	$ (0.079)	$ 6.175	$0.20	6.38
Nov	2030	6.140	$ (0.043)	$ 6.096	$0.20	6.30
Dec	2030	6.400	$ (0.041)	$ 6.397	$0.21	6.61
Jan	2031	6.574	$ (0.043)	$ 6.531	$0.22	6.75
Feb	2031	6.615	$ (0.053)	$ 6.563	$0.22	6.78
Mar	2031	6.485	$ (0.063)	$ 6.422	$0.21	6.63
Apr	2031	6.431	$ (0.128)	$ 6.302	$0.21	6.51
May	2031	6.470	$ (0.103)	$ 6.367	$0.21	6.58
Jun	2031	6.433	$ (0.062)	$ 6.495	$0.21	6.71
Jul	2031	7.001	$ (0.035)	$ 6.966	$0.23	7.20
Aug	2031	7.070	$ (0.039)	$ 7.032	$0.23	7.26
Sep	2031	6.941	$ (0.054)	$ 6.887	$0.23	7.11
Oct	2031	6.723	$ (0.080)	$ 6.643	$0.22	6.86
Nov	2031	6.818	$ (0.063)	$ 6.755	$0.22	6.98
Dec	2031	7.054	$ (0.053)	$ 7.001	$0.23	7.23
Jan	2032	7.049	$ (0.049)	$ 7.000	$0.23	7.23
Feb	2032	7.087	$ (0.059)	$ 7.028	$0.23	7.26
Mar	2032	7.059	$ (0.066)	$ 6.993	$0.23	7.22
Apr	2032	6.843	$ (0.130)	$ 6.713	$0.22	6.93
May	2032	6.880	$ (0.100)	$ 6.780	$0.22	7.00
Jun	2032	6.924	$ (0.058)	$ 6.866	$0.23	7.09
Jul	2032	7.118	$ (0.038)	$ 7.080	$0.23	7.31
Aug	2032	7.178	$ (0.029)	$ 7.150	$0.24	7.39
Sep	2032	7.075	$ (0.053)	$ 7.022	$0.23	7.25
Oct	2032	7.029	$ (0.081)	$ 6.948	$0.23	7.18
Nov	2032	7.193	$ (0.106)	$ 7.087	$0.23	7.32
Dec	2032	7.210	$ (0.077)	$ 7.133	$0.24	7.37
Jan	2033	6.845	$ (0.063)	$ 6.782	$0.22	7.01
Feb	2033	6.882	$ (0.073)	$ 6.819	$0.23	7.04
Mar	2033	6.825	$ (0.104)	$ 6.721	$0.22	6.94
Apr	2033	6.975	$ (0.144)	$ 6.679	$0.22	6.90
May	2033	6.867	$ (0.136)	$ 6.731	$0.22	6.95
Jun	2033	6.915	$ (0.080)	$ 6.835	$0.23	7.06
Jul	2033	7.127	$ (0.043)	$ 7.084	$0.23	7.32
Aug	2033	7.189	$ (0.023)	$ 7.166	$0.24	7.40
Sep	2033	7.095	$ (0.076)	$ 7.019	$0.23	7.25
Oct	2033	7.079	$ (0.124)	$ 6.955	$0.23	7.13
Nov	2033	7.236	$ (0.109)	$ 7.126	$0.24	7.36
Dec	2033	7.489	$ (0.081)	$ 7.409	$0.24	7.65
Jan	2034	7.689	$ (0.063)	$ 7.626	$0.25	7.88
Feb	2034	7.467	$ (0.073)	$ 7.393	$0.24	7.64
Mar	2034	7.251	$ (0.110)	$ 7.141	$0.24	7.38
Apr	2034	7.165	$ (0.134)	$ 7.031	$0.23	7.26
May	2034	7.211	$ (0.133)	$ 7.078	$0.23	7.31
Jun	2034	7.259	$ (0.080)	$ 7.179	$0.24	7.42
Jul	2034	7.607	$ (0.044)	$ 7.563	$0.25	7.81
Aug	2034	7.666	$ (0.024)	$ 7.641	$0.25	7.89
Sep	2034	7.520	$ (0.078)	$ 7.442	$0.25	7.69
Oct	2034	7.335	$ (0.131)	$ 7.204	$0.24	7.44
Nov	2034	7.652	$ (0.108)	$ 7.544	$0.25	7.79
Dec	2034	7.921	$ (0.073)	$ 7.848	$0.26	8.11
Jan	2035	8.040	$ (0.063)	$ 7.978	$0.26	8.24
Feb	2035	8.081	$ (0.073)	$ 8.008	$0.26	8.27
Mar	2035	7.835	$ (0.110)	$ 7.726	$0.25	7.98
Apr	2035	7.481	$ (0.140)	$ 7.341	$0.24	7.58
May	2035	7.674	$ (0.134)	$ 7.394	$0.24	7.64
Jun	2035	7.576	$ (0.080)	$ 7.496	$0.25	7.74
Jul	2035	7.968	$ (0.039)	$ 7.928	$0.26	8.19
Aug	2035	8.018	$ (0.027)	$ 7.991	$0.26	8.25
Sep	2035	7.884	$ (0.078)	$ 7.806	$0.26	8.06
Oct	2035	7.682	$ (0.132)	$ 7.550	$0.25	7.80
Nov	2035	7.748	$ (0.110)	$ 7.638	$0.25	7.89
Dec	2035	7.963	$ (0.070)	$ 7.893	$0.26	8.15
Jan	2036	8.009	$ (0.063)	$ 7.946	$0.26	8.21
Feb	2036	8.043	$ (0.080)	$ 7.963	$0.26	8.23
Mar	2036	7.909	$ (0.110)	$ 7.799	$0.26	8.06
Apr	2036	7.599	$ (0.143)	$ 7.456	$0.25	7.70
May	2036	7.646	$ (0.133)	$ 7.514	$0.25	7.76
Jun	2036	7.702	$ (0.083)	$ 7.620	$0.25	7.87
Jul	2036	7.930	$ (0.040)	$ 7.890	$0.26	8.15
Aug	2036	7.987	$ (0.030)	$ 7.957	$0.26	8.22
Sep	2036	7.948	$ (0.074)	$ 7.874	$0.26	8.13
Oct	2036	7.896	$ (0.124)	$ 7.772	$0.26	8.03
Nov	2036	8.002	$ (0.109)	$ 7.893	$0.26	8.15
Dec	2036	8.368	$ (0.070)	$ 8.297	$0.27	8.57
Jan	2037	8.526	$ (0.059)	$ 8.467	$0.28	8.75
Feb	2037	8.579	$ (0.068)	$ 8.511	$0.28	8.79
Mar	2037	8.453	$ (0.114)	$ 8.339	$0.27	8.61
Apr	2037	8.209	$ (0.142)	$ 8.066	$0.27	8.33
May	2037	8.259	$ (0.138)	$ 8.122	$0.27	8.39
Jun	2037	8.347	$ (0.078)	$ 8.263	$0.27	8.54
Jul	2037	8.699	$ (0.038)	$ 8.661	$0.29	8.95
Aug	2037	8.757	$ (0.030)	$ 8.727	$0.29	9.01
Sep	2037	8.636	$ (0.073)	$ 8.563	$0.28	8.84
Oct	2037	8.542	$ (0.136)	$ 8.406	$0.28	8.68
Nov	2037	8.650	$ (0.121)	$ 8.529	$0.28	8.81
Dec	2037	9.011	$ (0.071)	$ 8.940	$0.29	9.23
Jan	2038	9.175	$ (0.063)	$ 9.112	$0.30	9.41
Feb	2038	9.231	$ (0.075)	$ 9.155	$0.30	9.46
Mar	2038	9.090	$ (0.122)	$ 8.967	$0.30	9.26
Apr	2038	8.779	$ (0.142)	$ 8.637	$0.28	8.92
May	2038	8.833	$ (0.141)	$ 8.692	$0.29	8.98
Jun	2038	8.897	$ (0.083)	$ 8.814	$0.29	9.10
Jul	2038	9.149	$ (0.042)	$ 9.107	$0.30	9.41
Aug	2038	9.214	$ (0.037)	$ 9.177	$0.30	9.48
Sep	2038	9.007	$ (0.075)	$ 8.932	$0.29	9.23
Oct	2038	8.916	$ (0.139)	$ 8.777	$0.29	9.07
Nov	2038	9.064	$ (0.119)	$ 8.945	$0.29	9.24
Dec	2038	9.388	$ (0.072)	$ 9.316	$0.31	9.62
Jan	2039	9.405	$ (0.063)	$ 9.342	$0.31	9.65
Feb	2039	9.463	$ (0.073)	$ 9.390	$0.31	9.70
Mar	2039	9.237	$ (0.122)	$ 9.115	$0.30	9.41
Apr	2039	8.644	$ (0.152)	$ 8.492	$0.28	8.77
May	2039	8.694	$ (0.149)	$ 8.544	$0.28	8.83
Jun	2039	8.750	$ (0.092)	$ 8.658	$0.28	8.94
Jul	2039	8.838	$ (0.057)	$ 8.781	$0.29	9.07
Aug	2039	9.603	$ (0.045)	$ 9.558	$0.31	9.87
Sep	2039	9.561	$ (0.080)	$ 9.481	$0.31	9.79
Oct	2039	9.096	$ (0.141)	$ 9.065	$0.30	9.38
Nov	2039	9.310	$ (0.121)	$ 9.189	$0.30	9.49
Dec	2039	9.596	$ (0.085)	$ 9.511	$0.31	9.82
Jan	2040	9.825	$ (0.067)	$ 9.755	$0.32	10.08
Feb	2040	9.874	$ (0.108)	$ 9.766	$0.32	10.09
Mar	2040	9.714	$ (0.124)	$ 9.590	$0.32	9.91
Apr	2040	9.392	$ (0.152)	$ 9.240	$0.30	9.54
May	2040	9.446	$ (0.152)	$ 9.294	$0.31	9.60
Jun	2040	9.526	$ (0.098)	$ 9.428	$0.31	9.74
Jul	2040	9.875	$ (0.055)	$ 9.821	$0.32	10.14
Aug	2040	9.935	$ (0.039)	$ 9.897	$0.33	10.22
Sep	2040	9.916	$ (0.083)	$ 9.832	$0.32	10.16
Oct	2040	9.694	$ (0.152)	$ 9.542	$0.31	9.86
Nov	2040	9.797	$ (0.131)	$ 9.666	$0.32	9.98
Dec	2040	10.132	$ (0.072)	$ 10.059	$0.33	10.39
Jan	2041	10.303	$ (0.063)	$ 10.240	$0.34	10.58
Feb	2041	10.342	$ (0.092)	$ 10.250	$0.34	10.59
Mar	2041	10.122	$ (0.125)	$ 9.997	$0.33	10.33
Apr	2041	9.753	$ (0.153)	$ 9.599	$0.32	9.91
May	2041	9.815	$ (0.154)	$ 9.659	$0.32	9.98
Jun	2041	9.918	$ (0.090)	$ 9.827	$0.32	10.15
Jul	2041	10.353	$ (0.040)	$ 10.313	$0.34	10.65
Aug	2041	10.414	$ (0.027)	$ 10.388	$0.34	10.73
Sep	2041	10.418	$ (0.081)	$ 10.337	$0.34	10.68
Oct	2041	10.075	$ (0.155)	$ 9.920	$0.33	10.25
Nov	2041	10.361	$ (0.129)	$ 10.232	$0.33	10.46
Dec	2041	10.551	$ (0.063)	$ 10.488	$0.34	10.83
Jan	2042	10.687	$ (0.053)	$ 10.634	$0.35	10.98
Feb	2042	10.751	$ (0.087)	$ 10.644	$0.35	10.99
Mar	2042	10.504	$ (0.138)	$ 10.366	$0.34	10.71
Apr	2042	10.210	$ (0.162)	$ 10.048	$0.33	10.38
May	2042	10.273	$ (0.156)	$ 10.116	$0.33	10.45
Jun	2042	10.373	$ (0.083)	$ 10.290	$0.34	10.63
Jul	2042	10.902	$ (0.046)	$ 10.857	$0.36	11.21
Aug	2042	10.971	$ (0.011)	$ 10.960	$0.36	11.32
Sep	2042	10.935	$ (0.072)	$ 10.862	$0.36	11.22
Oct	2042	10.560	$ (0.154)	$ 10.406	$0.34	10.75
Nov	2042	10.618	$ (0.139)	$ 10.479	$0.34	10.82
Dec	2042	10.954	$ (0.131)	$ 10.822	$0.36	11.18
Jan	2043	11.155	$ (0.104)	$ 11.052	$0.36	11.41
Feb	2043	11.191	$ (0.152)	$ 11.039	$0.36	11.40
Mar	2043	10.972	$ (0.140)	$ 10.832	$0.36	11.19
Apr	2043	10.591	$ (0.194)	$ 10.398	$0.34	10.74
May	2043	10.656	$ (0.186)	$ 10.470	$0.34	10.81
Jun	2043	10.757	$ (0.159)	$ 10.578	$0.35	10.93
Jul	2043	11.261	$ (0.076)	$ 11.185	$0.37	11.55
Aug	2043	11.329	$ (0.060)	$ 11.268	$0.37	11.64
Sep	2043	11.196	$ (0.169)	$ 11.196	$0.37	11.56
Oct	2043	10.942	$ (0.166)	$ 10.776	$0.35	11.13
Nov	2043	11.036	$ (0.160)	$ 10.876	$0.36	11.23
Dec	2043	11.364	$ (0.143)	$ 11.251	$0.37	11.62
Jan	2044	11.212	$ (0.120)	$ 11.092	$0.36	11.46
Feb	2044	11.261	$ (0.155)	$ 11.105	$0.36	11.47
Mar	2044	11.004	$ (0.185)	$ 10.860	$0.36	11.22
Apr	2044	10.824	$ (0.215)	$ 10.609	$0.35	10.96
May	2044	10.887	$ (0.215)	$ 10.671	$0.35	11.02
Jun	2044	10.953	$ (0.169)	$ 10.783	$0.35	11.14
Jul	2044	11.455	$ (0.082)	$ 11.373	$0.37	11.75
Aug	2044	11.525	$ (0.060)	$ 11.465	$0.38	11.84
Sep	2044	11.504	$ (0.194)	$ 11.311	$0.37	11.68
Oct	2044	11.213	$ (0.218)	$ 10.995	$0.36	11.36
Nov	2044	11.387	$ (0.183)	$ 11.204	$0.37	11.57
Dec	2044	11.740	$ (0.152)	$ 11.588	$0.38	11.97
Jan	2045	11.803	$ (0.119)	$ 11.684	$0.38	12.07
Feb	2045	11.873	$ (0.173)	$ 11.700	$0.38	12.08
Mar	2045	11.683	$ (0.164)	$ 11.518	$0.38	11.90
Apr	2045	11.414	$ (0.226)	$ 11.189	$0.37	11.56
May	2045	11.474	$ (0.221)	$ 11.252	$0.37	11.62
Jun	2045	11.545	$ (0.174)	$ 11.371	$0.37	11.74
Jul	2045	12.078	$ (0.090)	$ 11.988	$0.39	12.38
Aug	2045	12.154	$ (0.064)	$ 12.090	$0.40	12.49
Sep	2045	12.175	$ (0.197)	$ 11.978	$0.39	12.37
Oct	2045	11.811	$ (0.221)	$ 11.592	$0.38	11.97
Nov	2045	12.005	$ (0.190)	$ 11.814	$0.39	12.20
Dec	2045	12.362	$ (0.160)	$ 12.202	$0.40	12.60
Jan	2046	12.498	$ (0.110)	$ 12.498	$0.41	12.91
Feb	2046	12.647	$ (0.174)	$ 12.473	$0.41	12.88
Mar	2046	12.352	$ (0.191)	$ 12.161	$0.40	12.56
Apr	2046	12.007	$ (0.238)	$ 11.768	$0.39	12.15
May	2046	12.059	$ (0.227)	$ 11.833	$0.39	12.22
Jun	2046	12.132	$ (0.177)	$ 11.954	$0.39	12.35
Jul	2046	12.749	$ (0.096)	$ 12.653	$0.41	13.07
Aug	2046	12.831	$ (0.058)	$ 12.773	$0.42	13.19
Sep	2046	12.789	$ (0.199)	$ 12.590	$0.41	13.00
Oct	2046	12.385	$ (0.222)	$ 12.162	$0.40	12.56
Nov	2046	12.499	$ (0.193)	$ 12.305	$0.40	12.71
Dec	2046	12.826	$ (0.151)	$ 12.675	$0.42	13.09
Jan	2047	13.168	$ (0.104)	$ 13.064	$0.43	13.49
Feb	2047	13.190	$ (0.193)	$ 12.997	$0.43	13.42
Mar	2047	12.721	$ (0.210)	$ 12.512	$0.41	12.92
Apr	2047	12.424	$ (0.255)	$ 12.170	$0.40	12.57
May	2047	12.475	$ (0.242)	$ 12.232	$0.40	12.63
Jun	2047	12.548	$ (0.153)	$ 12.395	$0.41	12.80
Jul	2047	13.163	$ (0.091)	$ 13.071	$0.43	13.50
Aug	2047	13.124	$ (0.054)	$ 13.191	$0.43	13.62
Sep	2047	13.239	$ (0.165)	$ 13.074	$0.43	13.50
Oct	2047	13.003	$ (0.234)	$ 12.768	$0.42	13.19
Nov	2047	13.118	$ (0.232)	$ 12.886	$0.42	13.31
Dec	2047	13.170	$ (0.180)	$ 12.990	$0.43	13.42
Jan	2048	13.311	$ (0.123)	$ 13.188	$0.43	13.62
Feb	2048	13.174	$ (0.214)	$ 13.161	$0.43	13.59
Mar	2048	13.073	$ (0.225)	$ 12.848	$0.42	13.27
Apr	2048	12.884	$ (0.258)	$ 12.626	$0.41	13.04
May	2048	12.967	$ (0.252)	$ 12.704	$0.42	13.12
Jun	2048	13.091	$ (0.186)	$ 12.905

Assumptions

Commodity (see NYMEX & Fundy tab)

1) 2019 - 2024 based on NYMEX gas from 9/6/19 settlement prices.
2) 2024 - 2028 transition from NYMEX to Fundamentals
3) 2029 - 2050 based on Natural Gas Basis Differential and Prices from the Fundamentals Department 9/17/19

Assumptions:

PEF Transportation Fixed Costs

Cypress Expansion Project (Southern Natural Gas ("SNG") and Florida Gas Transmission ("FGT" Phase VII Expansion)

1) Primary source of Natural Gas Supply is the SNG LNG Elba Island LNG Terminal located near Savannah, GA

SNG Cypress Expansion

1) Primary Receipt Pt: Elba Island, GA Primary Delivery Pt: FGT on the Jacksonville, FL Lateral (Delivers into PEF's FGT Phase VII FTS-2 Capacity)
2) Secondary / Alternate Receipt Pts: Any point on SNG system Secondary / Alternate Delivery Pts: Any point on SNG system
3) Expected in service no sooner than May 1, 2007
4) Eff: May 1, 2007, FT Capacity = 60,453 Dts/day May - Sep
5) Eff: October 1, 2007, FT Capacity = 25,189 Dts/day (Oct - Apr)
6) Eff: May 1, 2008, FT Capacity = 80,605 Dts/day (May-Sep)
7) Eff: October 1, 2008, FT Capacity = 40,302 Dts/day (Oct - Apr)
8) Eff: May 1, 2009, FT Capacity = 100,756 Dts/day (May-Sep)
9) Eff: October 1, 2009, FT Capacity = 50,378 Dts/day (Oct - Apr)
10) Fixed Daily Demand Rate = $.3547/dt Year Round (Negotiated Rate)

FGT Phase VII Expansion

1) Primary Receipt Pt: SNG Cypress on Jacksonville, FL Primary Delivery Pts: FGT @ PEF Hines Complex, FGT @ Mirant Shady Hills and FGT @ PEF Anclote
2) Secondary / Alternate Receipt rights to any point on FGT Secondary / Alternate Delivery rights to any PEF Delivery Point on FGT
3) Expected in service no sooner than May 1, 2007
4) Eff: May 1, 2007, FT Capacity = 60,00 Dts/day (May - Sep)
5) Eff: October 1, 2007, FT Capacity = 25,000 Dts/day (Oct - Apr)
6) Eff: May 1, 2008, FT Capacity = 80,000 Dts/day (May - Sep)
7) Eff: October 1, 2008, FT Capacity = 40,000 Dts/day (Oct - Apr)
8) Eff: May 1, 2009, FT Capacity = 100,000 Dts/day (May-Sep)
9) Eff: October 1, 2009, FT Capacity = 50,000 Dts/day (Oct - Apr)
10) Fixed Daily Demand Rate = $.100/dt Discounted FTS-2 Rate (Oct - Apr)
11) Fixed Daily Demand Rate = $0.7185/dt (FTS-2 Rate with Rate Cap) (May - Sep)

Gulfstream FT-6 Transportation

FT-6 Transportation

1) Primary Receipt Pts: Mobile Bay Area Points Primary Delivery Pts: GNGS @ PEF Hines Complex, GNGS @ Intercession City and GNGS @ PEF Tiger Bay
2) All Fixed Cost Daily Demand Rates = $.55/dt (Negotiated Rates)
3) 1 FT-6 Contract No. 9000105R1 capacity sculpted = 72,000 Dts/day (Nov - Mar) and 90,000 Dts/day (Apr - Oct)
4) 2 FT-6 Contracts Year Round Capacity (not sculpted)
   a) Contract No. 9000665 = 30,000 Dts/day
   b) Contract No. 9000666 = 50,000 Dts/day
5) 1 FT-6 Contract No. 9162020 Osprey PPA / AMA 68,000 Dts/day From: 10/01/2014 To: 12/31/2016

Bartow GNGS Phase IV

1) 80,000 Dts/day (Sep-Dec 2008) and 155,000 Dts/day (2009 and forward)
2) All Fixed Cost Daily Demand Rates = $.59/dt
3) Contract No. 9035943

Hines GNGS Phase V

1) 35,000 Dts/day (Apr 2011 and beyond)
2) All Fixed Cost Daily Demand Rates = $.80/dt

Bartow GNGS

1) MDTQ = 5,000 Dts/Day thru 12/31/2012, and 7,000 Dts/Day Eff. 01/01/2013
2) Fixed Cost = $0.7041/dt (Negotiated Daily Demand Rate)
3) Contract No. 9120402 R3

Bartow GNGS (see K# 9120402 R3)

1) 2,000 Dts/Day (August 1, 2012 for 1-Yr w/ Yr to Yr Evergreen)
2) Fixed Cost = $0.7041/dt (Negotiated Daily Demand Rate)
3) Contract No. 9126223 Terminated on December 31, 2012 and combined with 9120402R3
4) See Contract No. 9120402R3 above effective January 1, 2013.

Citrus Contract on FGT (Administered by Dominion Energy)

1) Bundled Service via FGT
2) Primary Delivery Pt: FGT @ PEF Hines Complex
3) Daily Demand Rates = FGT FTS-2 Max Rate $0.7185
4) Bundled Delivery Service (includes supply)
5) Contract MDQ = 12,000 Dts/day (Nov - Apr)
6) Contract MDQ = 21,000 Dts/day (May - Oct)
7) Contract Expires November 1, 2013
8) Citrus FTS-1 & FTS-2 Contracts were permanently released to DEF effective: November 1, 2013 (see below under FGT Existing FTS-1 and FTS-2 Contracts)
9) See Notes under "FGT Existing FTS-1 and FTS-2 Contracts" (below - Notes 7 & 8)

FGT Existing FTS-1 and FTS-2 Contracts (excludes FGT Phase VII see above)

1) FTS-1 Capacity at a Daily Demand Rate Max FTS-1 Rate = $0.4694/Dt Effective 04/01/2010 (Rate Settlement in Docket No. RP10-21)
2) FTS-2 Capacity at a Daily Demand Rate Max FTS-2 Rate = $0.7185/Dt Effective 10/01/2010 (Rate Settlement in Docket No. RP10-21)
   a) Subject to Rate Cap (includes base usage rate in cap calculation) including reservation/demand rate surcharges at Daily Demand Rate = $.80/dt
3) Rates stated above (1&2) were settled in FGT Rate Case FERC Docket No. RP10-21, 09/03/2010 Eff. 10/01/2010 Pending FERC approval
4) FGT has a mandatory comeback requirement to file an NGA Section 4 Rate Case with FERC
   a) File with FERC no earlier than January 1, 2013
   b) File with FERC no later than November 1, 2014
5) FTS-1 Capacity at a Daily Demand Rate Max FTS-1 Rate = $0.4694/Dt (No Rate Cap)
   a) Contract No. 5815
6) FTS-2 Capacity at a Daily Demand Rate Max FTS-2 Rate = $0.7185/Dt (Subject to Rate Cap)
   a) Contract No. 5816
   b) Contract No. 5295 (Tiger Bay)
   c) Contract No. 5935 (FGT Phase IV)
      i) Primary Delivery Pts: PEF@ Hines, PEF @ Anclote, & PEF @ Intercession City (via Cane Island Lateral)
      ii) Secondary / Alternate Delivery Pts: All PEF Plants on FGT
7) Citrus / Dominion (VPEM) Permanent Capacity Release FGT FTS-1 Contact Nos. 114929, 114930, 114931 & 114934
   a) Effective: November 1, 2013

b) Primary Delivery Point: Hines Energy Complex
c) Annual Average Aggregate MDTQ = 6,932 Dts/day
d) Max FTS-1 Recourse Rate = $.4694/Dt
e) Combined w/ Note 8c below MDTQ = 12,000 Dts/day (Nov-Apr) and 21,000 Dts/day (May-Sep)
f) 10 Year Rollover Option

8) Citrus / Dominion (VPEM) Permanent Capacity Release FGT FTS-2 Contact Nos. 114932 & 114933
a) Effective: November 1, 2013
b) Primary Delivery Point: Hines Energy Complex
c) Annual Average Aggregate MDTQ = 9,568 Dts/day
d) Max FTS-2 Recourse Rate = $.7185/Dt (Subject to Settlement Rate Cap)
e) Combined w/ Note 7c above MDTQ = 12,000 Dts/day (Nov-Apr) and 21,000 Dts/day (May-Sep)
f) ROFR rights

SGR Storage & Bay Gas

1) SGR based on 500,000 Dts/Mo (Nov-May) and 700,000 Dts/Mo (Jun-Oct) capacity
2) Bay Gas based on 500,000 Dts/Mo
3) Monthly Demand Rates = $0.22/dt thru 04/30/2013, then $0.24/dt 05/01/2013 thru 4/30/2018
4) Bay Gas negotiations completed
5) SGR contract expires 5/31/2018 (No Rollover Provision)

SESH

1) Based on 100,000 Dts/Day thru May2009, then 150,000 Dts/Day thru May2010 and then 200,000 Dts/Day
2) Monthly Demand Rates = $.275/dt

FGT Phase VIII Expansion (FTS-3) Contract # 111144

1) Eff April 2011, FTS-3 FT Capacity = 75,000 Dts/day
2) Fixed Daily Demand Rate = $1.30/dt

FGT (FTS-3) Contract # 113000

1) Eff April 2013, FTS-3 FT Capacity = 30,000 Dts/day
2) Fixed Daily Demand Rate = $1.25/dt

Transco Mobile Bay South Expansions Contract Nos. 9097513 (Ph I), 9109950 (Ph II) and 9111070 (BP Ph II)

1) Phase I - Based on 153,500 Dts/Day from May 2010
2) Monthly Demand Rates = $0.09958/dt (Eff: 03/01/2013) Settlement Rates Certified by FERC Presiding ALJ on 09/30/2013 & Subject to Final FERC Approval
3) Phase II - additional 50,000 Dts/Day effective May 1, 2011, at the same rate
4) Capacity Release From BP - additional 53,500 DTs/day eff. 6/1/16, at the same rate

Cost Allocation

1) Consumption percentage based on October 2013 FOF & Fall 2012 GFF

PGS Lateral for Vandolah

1) Vandolah only of $41,750/month beginning June 2012, expires May 31, 2027

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DEF NATURAL GAS DISPATCH PRICES

Month	Year	Base HH Regular Supply Cost	Physical Basis FGT Z3	Base Cost Regular Supply Z3	Average MMBTU Variable Cost	Average Variable MMBTU Delivered Costs	Average MMBTU Fixed Costs	Average MMBtu Delivered Variable & Fixed Costs
Jan	2019	3.110	$ (0.046)	$ 3.064	$0.10	3.17	1.70	4.86
Feb	2019	2.690	$ (0.019)	$ 2.671	$0.09	2.76	1.70	4.46
Mar	2019	2.950	$ (0.003)	$ 2.947	$0.10	3.05	1.70	4.74
Apr	2019	2.650	$ (0.001)	$ 2.649	$0.09	2.74	1.70	4.44
May	2019	2.640	$ 0.005	$ 2.645	$0.09	2.74	1.70	4.43
Jun	2019	2.400	$ 0.037	$ 2.437	$0.09	2.52	1.70	4.22
Jul	2019	2.370	$ 0.048	$ 2.418	$0.09	2.50	1.70	4.20
Aug	2019	2.220	$ 0.056	$ 2.276	$0.08	2.36	1.70	4.06
Sep	2019	2.560	$ 0.016	$ 2.576	$0.09	2.67	1.43	4.10
Oct	2019	2.743	$ 0.010	$ 2.753	$0.09	2.85	1.43	4.28
Nov	2019	2.303	$ 0.012	$ 2.315	$0.08	2.40	1.43	3.83
Dec	2019	2.495	$ 0.023	$ 2.518	$0.09	2.61	1.43	4.04
Jan	2020	2.612	$ 0.035	$ 2.647	$0.07	2.71	1.44	4.15
Feb	2020	2.575	$ 0.024	$ 2.599	$0.07	2.67	1.44	4.10
Mar	2020	2.462	$ (0.020)	$ 2.442	$0.06	2.50	1.44	3.94
Apr	2020	2.247	$ (0.019)	$ 2.228	$0.06	2.29	1.44	3.72
May	2020	2.234	$ 0.005	$ 2.239	$0.06	2.30	1.44	3.73
Jun	2020	2.278	$ 0.026	$ 2.304	$0.06	2.36	1.44	3.80
Jul	2020	2.326	$ 0.048	$ 2.374	$0.06	2.43	1.44	3.87
Aug	2020	2.335	$ 0.055	$ 2.390	$0.06	2.45	1.44	3.89
Sep	2020	2.318	$ 0.012	$ 2.330	$0.06	2.39	1.44	3.83
Oct	2020	2.344	$ 0.016	$ 2.360	$0.06	2.42	1.44	3.86
Nov	2020	2.409	$ 0.025	$ 2.434	$0.06	2.50	1.44	3.93
Dec	2020	2.578	$ 0.034	$ 2.612	$0.07	2.68	1.44	4.12
Jan	2021	2.700	$ 0.038	$ 2.738	$0.07	2.81	1.41	4.22
Feb	2021	2.661	$ 0.033	$ 2.694	$0.07	2.76	1.41	4.17
Mar	2021	2.548	$ (0.015)	$ 2.533	$0.06	2.60	1.41	4.01
Apr	2021	2.284	$ (0.021)	$ 2.263	$0.06	2.32	1.41	3.73
May	2021	2.260	$ 0.005	$ 2.265	$0.06	2.32	1.41	3.73
Jun	2021	2.294	$ 0.025	$ 2.319	$0.06	2.38	1.41	3.79
Jul	2021	2.332	$ 0.047	$ 2.379	$0.06	2.44	1.41	3.85
Aug	2021	2.339	$ 0.058	$ 2.397	$0.06	2.46	1.41	3.87
Sep	2021	2.328	$ 0.011	$ 2.339	$0.06	2.40	1.41	3.81
Oct	2021	2.354	$ 0.018	$ 2.372	$0.06	2.43	1.41	3.84
Nov	2021	2.424	$ 0.027	$ 2.451	$0.06	2.51	1.41	3.92
Dec	2021	2.603	$ 0.038	$ 2.641	$0.07	2.71	1.41	4.12
Jan	2022	2.729	$ 0.041	$ 2.770	$0.07	2.84	1.40	4.24
Feb	2022	2.702	$ 0.036	$ 2.738	$0.07	2.81	1.40	4.21
Mar	2022	2.595	$ (0.013)	$ 2.582	$0.07	2.65	1.40	4.05
Apr	2022	2.340	$ (0.016)	$ 2.324	$0.06	2.38	1.40	3.78
May	2022	2.324	$ 0.007	$ 2.331	$0.06	2.39	1.40	3.79
Jun	2022	2.359	$ 0.034	$ 2.393	$0.06	2.45	1.40	3.85
Jul	2022	2.399	$ 0.059	$ 2.458	$0.06	2.52	1.40	3.92
Aug	2022	2.411	$ 0.066	$ 2.477	$0.06	2.54	1.40	3.94
Sep	2022	2.404	$ 0.021	$ 2.425	$0.06	2.49	1.40	3.89
Oct	2022	2.430	$ 0.024	$ 2.454	$0.06	2.52	1.40	3.92
Nov	2022	2.492	$ 0.034	$ 2.526	$0.06	2.59	1.40	3.99
Dec	2022	2.674	$ 0.044	$ 2.718	$0.07	2.79	1.40	4.19
Jan	2023	2.799	$ 0.052	$ 2.851	$0.07	2.92	1.41	4.34
Feb	2023	2.767	$ 0.047	$ 2.814	$0.07	2.89	1.46	4.35
Mar	2023	2.656	$ (0.003)	$ 2.653	$0.07	2.72	1.46	4.18
Apr	2023	2.401	$ (0.008)	$ 2.393	$0.06	2.45	1.46	3.92
May	2023	2.385	$ 0.016	$ 2.401	$0.06	2.46	1.46	3.93
Jun	2023	2.426	$ 0.042	$ 2.468	$0.06	2.53	1.46	3.99
Jul	2023	2.466	$ 0.068	$ 2.534	$0.06	2.60	1.46	4.06
Aug	2023	2.481	$ 0.076	$ 2.557	$0.07	2.62	1.46	4.09
Sep	2023	2.476	$ 0.029	$ 2.505	$0.06	2.57	1.46	4.03
Oct	2023	2.505	$ 0.030	$ 2.535	$0.06	2.60	1.46	4.06
Nov	2023	2.580	$ 0.037	$ 2.617	$0.07	2.68	1.46	4.15
Dec	2023	2.760	$ 0.053	$ 2.813	$0.07	2.88	1.46	4.35
Jan	2024	2.889	$ 0.058	$ 2.947	$0.07	3.02	1.37	4.39
Feb	2024	2.866	$ 0.050	$ 2.915	$0.07	2.99	1.37	4.36
Mar	2024	2.760	$ (0.002)	$ 2.758	$0.07	2.83	1.37	4.19
Apr	2024	2.534	$ (0.007)	$ 2.527	$0.06	2.59	1.37	3.96
May	2024	2.531	$ 0.017	$ 2.548	$0.06	2.61	1.37	3.98
Jun	2024	2.573	$ 0.046	$ 2.619	$0.07	2.69	1.37	4.05
Jul	2024	2.623	$ 0.077	$ 2.700	$0.07	2.77	1.37	4.13
Aug	2024	2.644	$ 0.077	$ 2.722	$0.07	2.79	1.37	4.16
Sep	2024	2.646	$ 0.047	$ 2.693	$0.07	2.76	1.37	4.13
Oct	2024	2.672	$ 0.040	$ 2.713	$0.07	2.78	1.37	4.15
Nov	2024	2.758	$ 0.044	$ 2.802	$0.07	2.87	1.37	4.24
Dec	2024	2.940	$ 0.056	$ 2.996	$0.08	3.07	1.37	4.44
Jan	2025	3.054	$ 0.061	$ 3.115	$0.08	3.19	1.44	4.64
Feb	2025	3.048	$ 0.055	$ 3.103	$0.08	3.18	1.44	4.62
Mar	2025	2.970	$ (0.001)	$ 2.969	$0.08	3.04	1.44	4.49
Apr	2025	2.799	$ (0.011)	$ 2.789	$0.07	2.86	1.44	4.30
May	2025	2.811	$ 0.016	$ 2.826	$0.07	2.90	1.44	4.34
Jun	2025	2.854	$ 0.054	$ 2.908	$0.07	2.98	1.44	4.42
Jul	2025	2.948	$ 0.078	$ 3.027	$0.08	3.10	1.44	4.55
Aug	2025	2.980	$ 0.078	$ 3.058	$0.08	3.14	1.44	4.58
Sep	2025	2.883	$ 0.045	$ 2.928	$0.07	3.00	1.44	4.44
Oct	2025	2.903	$ 0.035	$ 2.938	$0.07	3.01	1.44	4.46
Nov	2025	2.990	$ 0.036	$ 3.026	$0.08	3.10	1.44	4.55
Dec	2025	3.163	$ 0.051	$ 3.214	$0.08	3.30	1.44	4.74
Jan	2026	3.255	$ 0.057	$ 3.311	$0.08	3.40	1.44	4.84
Feb	2026	3.255	$ 0.053	$ 3.308	$0.08	3.39	1.44	4.83
Mar	2026	3.176	$ (0.003)	$ 3.172	$0.08	3.25	1.44	4.69
Apr	2026	3.042	$ (0.001)	$ 3.041	$0.08	3.12	1.44	4.56
May	2026	3.061	$ 0.022	$ 3.083	$0.08	3.16	1.44	4.60
Jun	2026	3.116	$ 0.053	$ 3.169	$0.08	3.25	1.44	4.69
Jul	2026	3.276	$ 0.077	$ 3.353	$0.09	3.44	1.44	4.88
Aug	2026	3.318	$ 0.078	$ 3.396	$0.09	3.48	1.44	4.92
Sep	2026	3.252	$ 0.041	$ 3.293	$0.08	3.38	1.44	4.82
Oct	2026	3.247	$ 0.034	$ 3.280	$0.08	3.36	1.44	4.81
Nov	2026	3.322	$ 0.042	$ 3.364	$0.09	3.45	1.44	4.89
Dec	2026	3.506	$ 0.054	$ 3.559	$0.09	3.65	1.44	5.09
Jan	2027	3.583	$ 0.062	$ 3.645	$0.09	3.74	1.45	5.19
Feb	2027	3.604	$ 0.057	$ 3.661	$0.09	3.75	1.45	5.20
Mar	2027	3.551	$ (0.002)	$ 3.549	$0.09	3.64	1.45	5.09
Apr	2027	3.396	$ (0.002)	$ 3.394	$0.09	3.48	1.45	4.93
May	2027	3.424	$ 0.021	$ 3.445	$0.09	3.53	1.45	4.98
Jun	2027	3.498	$ 0.051	$ 3.549	$0.09	3.64	1.45	5.09
Jul	2027	3.731	$ 0.079	$ 3.809	$0.10	3.91	1.45	5.35

Avg			
Current Yr	2019	√	DJ 10/11
Fuel Retention	2.48%		
100%-B	97.52%		
AVG Variable	0.0240		
Esc%	2.50%	√	DJ 10/11

GSNG	
Fuel Retention	1.85%
Variable	0.0200

Sabal Trail	
Fuel Retention	3.15%
Usage Rate	0.0021
ACA	0.0013
Total Variable	0.0034

FGT			
Fuel Retention	2.44%		
100%-B	97.56%		
Total Variable	0.0486		
Esc%	2.50%	√	DJ 10/11
Variable			
Usage Rate	0.0109		
ACA	0.0013		
UFS	0.0364		
Total Variable	0.0486		

2020	2.4133
2021	2.4493
2022	2.5163
2023	2.5951
2024	2.7450
2025	2.9918
2026	3.2774
2027	3.6809
2028	4.1964
2029	4.5833
2030	4.7978
2031	5.0828
2032	5.3705
2033	5.3389
2034	5.5652
2035	5.7756
2036	5.8596
2037	6.2643
2038	6.5621
2039	6.6829
2040	6.9677
2041	7.2071
2042	7.4720
2043	7.6479
2044	7.9488
2045	8.3878
2046	8.7065
2047	8.8470
2048	9.1401
2049	9.3609
2050	9.4540

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Aug	2027	3.778	$ 0.082	$ 3.860	$0.10	3.96	1.45	5.41
Sep	2027	3.768	$ 0.043	$ 3.812	$0.10	3.91	1.45	5.36
Oct	2027	3.651	$ 0.038	$ 3.690	$0.09	3.78	1.45	5.23
Nov	2027	3.730	$ 0.043	$ 3.773	$0.10	3.87	1.45	5.32
Dec	2027	3.930	$ 0.054	$ 3.984	$0.10	4.09	1.45	5.53
Jan	2028	3.993	$ 0.063	$ 4.056	$0.10	4.16	1.45	5.61
Feb	2028	4.025	$ 0.047	$ 4.072	$0.10	4.18	1.45	5.63
Mar	2028	3.948	$ (0.002)	$ 3.946	$0.10	4.05	1.45	5.50
Apr	2028	3.907	$ (0.006)	$ 3.900	$0.10	4.00	1.45	5.45
May	2028	3.947	$ 0.024	$ 3.971	$0.10	4.07	1.45	5.53
Jun	2028	4.139	$ 0.059	$ 4.198	$0.11	4.30	1.45	5.76
Jul	2028	4.159	$ 0.091	$ 4.250	$0.11	4.36	1.45	5.81
Aug	2028	4.214	$ 0.089	$ 4.304	$0.11	4.41	1.45	5.87
Sep	2028	4.278	$ 0.048	$ 4.325	$0.11	4.43	1.45	5.89
Oct	2028	4.263	$ 0.044	$ 4.307	$0.11	4.42	1.45	5.87
Nov	2028	4.329	$ 0.046	$ 4.375	$0.11	4.49	1.45	5.94
Dec	2028	4.599	$ 0.054	$ 4.653	$0.12	4.77	1.45	6.23
Jan	2029	4.640	$ 0.075	$ 4.716	$0.12	4.84	1.46	6.30
Feb	2029	4.669	$ 0.068	$ 4.737	$0.12	4.86	1.46	6.32
Mar	2029	4.455	$ 0.007	$ 4.462	$0.11	4.58	1.46	6.04
Apr	2029	4.470	$ 0.002	$ 4.472	$0.11	4.59	1.46	6.05
May	2029	4.534	$ 0.027	$ 4.561	$0.12	4.68	1.46	6.14
Jun	2029	4.657	$ 0.062	$ 4.719	$0.12	4.84	1.46	6.30
Jul	2029	4.385	$ 0.091	$ 4.476	$0.11	4.59	1.46	6.05
Aug	2029	4.417	$ 0.098	$ 4.516	$0.11	4.63	1.46	6.10
Sep	2029	4.535	$ 0.053	$ 4.588	$0.12	4.70	1.46	6.17
Oct	2029	4.525	$ 0.040	$ 4.565	$0.12	4.68	1.46	6.15
Nov	2029	4.430	$ 0.063	$ 4.492	$0.11	4.61	1.46	6.07
Dec	2029	4.634	$ 0.062	$ 4.696	$0.12	4.82	1.46	6.28
Jan	2030	4.665	$ 0.075	$ 4.740	$0.12	4.86	1.46	6.32
Feb	2030	4.694	$ 0.069	$ 4.763	$0.12	4.88	1.46	6.34
Mar	2030	4.583	$ 0.004	$ 4.587	$0.12	4.70	1.46	6.16
Apr	2030	4.550	$ (0.008)	$ 4.543	$0.12	4.66	1.46	6.12
May	2030	4.578	$ 0.029	$ 4.607	$0.12	4.72	1.46	6.18
Jun	2030	4.653	$ 0.069	$ 4.721	$0.12	4.84	1.46	6.30
Jul	2030	4.983	$ 0.104	$ 5.086	$0.13	5.22	1.46	6.67
Aug	2030	5.019	$ 0.113	$ 5.132	$0.13	5.26	1.46	6.72
Sep	2030	4.946	$ 0.056	$ 5.002	$0.13	5.13	1.46	6.59
Oct	2030	4.722	$ 0.053	$ 4.775	$0.12	4.90	1.46	6.35
Nov	2030	4.635	$ 0.056	$ 4.692	$0.12	4.81	1.46	6.27
Dec	2030	4.861	$ 0.064	$ 4.925	$0.13	5.05	1.46	6.51
Jan	2031	4.892	$ 0.098	$ 4.989	$0.13	5.12	1.49	6.60
Feb	2031	4.922	$ 0.092	$ 5.015	$0.13	5.14	1.49	6.63
Mar	2031	4.825	$ 0.019	$ 4.845	$0.12	4.97	1.49	6.45
Apr	2031	4.785	$ 0.000	$ 4.785	$0.12	4.91	1.49	6.39
May	2031	4.814	$ 0.055	$ 4.869	$0.12	4.99	1.49	6.48
Jun	2031	4.879	$ 0.082	$ 4.962	$0.13	5.09	1.49	6.57
Jul	2031	5.209	$ 0.116	$ 5.325	$0.14	5.46	1.49	6.95
Aug	2031	5.261	$ 0.139	$ 5.400	$0.14	5.54	1.49	7.02
Sep	2031	5.164	$ 0.086	$ 5.250	$0.13	5.38	1.49	6.87
Oct	2031	5.003	$ 0.082	$ 5.085	$0.13	5.21	1.49	6.70
Nov	2031	5.073	$ 0.066	$ 5.139	$0.13	5.27	1.49	6.75
Dec	2031	5.249	$ 0.082	$ 5.330	$0.14	5.47	1.49	6.95
Jan	2032	5.281	$ 0.106	$ 5.388	$0.14	5.53	1.49	7.01
Feb	2032	5.310	$ 0.077	$ 5.387	$0.14	5.52	1.49	7.01
Mar	2032	5.289	$ 0.050	$ 5.339	$0.14	5.47	1.49	6.96
Apr	2032	5.127	$ 0.026	$ 5.153	$0.13	5.28	1.49	6.77
May	2032	5.155	$ 0.069	$ 5.224	$0.13	5.36	1.49	6.84
Jun	2032	5.188	$ 0.095	$ 5.283	$0.13	5.42	1.49	6.90
Jul	2032	5.333	$ 0.136	$ 5.469	$0.14	5.61	1.49	7.09
Aug	2032	5.378	$ 0.159	$ 5.538	$0.14	5.68	1.49	7.16
Sep	2032	5.301	$ 0.091	$ 5.392	$0.14	5.53	1.49	7.01
Oct	2032	5.266	$ 0.088	$ 5.355	$0.14	5.49	1.49	6.98
Nov	2032	5.389	$ 0.053	$ 5.443	$0.14	5.58	1.49	7.07
Dec	2032	5.402	$ 0.072	$ 5.475	$0.14	5.61	1.49	7.10
Jan	2033	5.137	$ 0.093	$ 5.230	$0.13	5.36	1.48	6.84
Feb	2033	5.172	$ 0.091	$ 5.263	$0.13	5.40	1.48	6.88
Mar	2033	5.121	$ 0.022	$ 5.143	$0.13	5.27	1.48	6.75
Apr	2033	5.120	$ 0.016	$ 5.136	$0.13	5.27	1.48	6.75
May	2033	5.153	$ 0.032	$ 5.185	$0.13	5.32	1.48	6.80
Jun	2033	5.189	$ 0.080	$ 5.269	$0.13	5.40	1.48	6.88
Jul	2033	5.348	$ 0.119	$ 5.467	$0.14	5.61	1.48	7.09
Aug	2033	5.395	$ 0.127	$ 5.522	$0.14	5.66	1.48	7.14
Sep	2033	5.324	$ 0.068	$ 5.393	$0.14	5.53	1.48	7.01
Oct	2033	5.275	$ 0.053	$ 5.328	$0.14	5.46	1.48	6.94
Nov	2033	5.430	$ 0.033	$ 5.463	$0.14	5.60	1.48	7.08
Dec	2033	5.620	$ 0.047	$ 5.668	$0.14	5.81	1.48	7.29
Jan	2034	5.658	$ 0.080	$ 5.738	$0.15	5.88	1.45	7.34
Feb	2034	5.495	$ 0.056	$ 5.550	$0.14	5.69	1.45	7.14
Mar	2034	5.336	$ (0.008)	$ 5.328	$0.14	5.46	1.45	6.92
Apr	2034	5.273	$ 0.009	$ 5.282	$0.13	5.42	1.45	6.87
May	2034	5.307	$ 0.039	$ 5.346	$0.14	5.48	1.45	6.93
Jun	2034	5.342	$ 0.084	$ 5.426	$0.14	5.56	1.45	7.02
Jul	2034	5.598	$ 0.125	$ 5.723	$0.15	5.87	1.45	7.32
Aug	2034	5.641	$ 0.144	$ 5.785	$0.15	5.93	1.45	7.38
Sep	2034	5.534	$ 0.074	$ 5.608	$0.14	5.75	1.45	7.20
Oct	2034	5.398	$ 0.049	$ 5.447	$0.14	5.59	1.45	7.04
Nov	2034	5.631	$ 0.034	$ 5.665	$0.14	5.81	1.45	7.26
Dec	2034	5.829	$ 0.055	$ 5.884	$0.15	6.03	1.45	7.49
Jan	2035	5.870	$ 0.086	$ 5.956	$0.15	6.11	1.43	7.54
Feb	2035	5.900	$ 0.065	$ 5.965	$0.15	6.12	1.43	7.55
Mar	2035	5.720	$ 0.018	$ 5.739	$0.15	5.88	1.43	7.32
Apr	2035	5.462	$ 0.023	$ 5.485	$0.14	5.62	1.43	7.06
May	2035	5.496	$ 0.046	$ 5.542	$0.14	5.68	1.43	7.12
Jun	2035	5.531	$ 0.091	$ 5.623	$0.14	5.77	1.43	7.20
Jul	2035	5.817	$ 0.130	$ 5.947	$0.15	6.10	1.43	7.53
Aug	2035	5.854	$ 0.147	$ 6.001	$0.15	6.15	1.43	7.59
Sep	2035	5.756	$ 0.075	$ 5.831	$0.15	5.98	1.43	7.41
Oct	2035	5.608	$ 0.048	$ 5.656	$0.14	5.80	1.43	7.23
Nov	2035	5.657	$ 0.033	$ 5.690	$0.14	5.83	1.43	7.27
Dec	2035	5.813	$ 0.058	$ 5.872	$0.15	6.02	1.43	7.46
Jan	2036	5.851	$ 0.093	$ 5.944	$0.15	6.10	1.44	7.53
Feb	2036	5.876	$ 0.034	$ 5.911	$0.15	6.06	1.44	7.50
Mar	2036	5.778	$ 0.020	$ 5.798	$0.15	5.95	1.44	7.38
Apr	2036	5.552	$ 0.023	$ 5.575	$0.14	5.72	1.44	7.15
May	2036	5.586	$ 0.049	$ 5.636	$0.14	5.78	1.44	7.21
Jun	2036	5.627	$ 0.096	$ 5.723	$0.15	5.87	1.44	7.30
Jul	2036	5.794	$ 0.135	$ 5.929	$0.15	6.08	1.44	7.52
Aug	2036	5.835	$ 0.150	$ 5.985	$0.15	6.14	1.44	7.57

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Sep	2036	5.807	$ 0.089	$ 5.896	$0.15	6.05	1.44	7.48
Oct	2036	5.768	$ 0.076	$ 5.844	$0.15	5.99	1.44	7.43
Nov	2036	5.846	$ 0.051	$ 5.897	$0.15	6.05	1.44	7.48
Dec	2036	6.113	$ 0.064	$ 6.177	$0.16	6.33	1.44	7.77
Jan	2037	6.160	$ 0.105	$ 6.266	$0.16	6.43	1.43	7.86
Feb	2037	6.199	$ 0.081	$ 6.281	$0.16	6.44	1.43	7.87
Mar	2037	6.107	$ 0.024	$ 6.132	$0.16	6.29	1.43	7.72
Apr	2037	5.931	$ 0.021	$ 5.952	$0.15	6.10	1.43	7.54
May	2037	5.968	$ 0.055	$ 6.023	$0.15	6.18	1.43	7.61
Jun	2037	6.027	$ 0.111	$ 6.138	$0.16	6.29	1.43	7.73
Jul	2037	6.286	$ 0.147	$ 6.433	$0.16	6.60	1.43	8.03
Aug	2037	6.327	$ 0.147	$ 6.474	$0.16	6.64	1.43	8.07
Sep	2037	6.240	$ 0.096	$ 6.336	$0.16	6.50	1.43	7.93
Oct	2037	6.172	$ 0.074	$ 6.246	$0.16	6.40	1.43	7.84
Nov	2037	6.250	$ 0.052	$ 6.302	$0.16	6.46	1.43	7.89
Dec	2037	6.511	$ 0.078	$ 6.589	$0.17	6.76	1.43	8.19
Jan	2038	6.552	$ 0.111	$ 6.663	$0.17	6.83	1.42	8.25
Feb	2038	6.592	$ 0.088	$ 6.681	$0.17	6.85	1.42	8.27
Mar	2038	6.491	$ 0.026	$ 6.517	$0.17	6.68	1.42	8.10
Apr	2038	6.270	$ 0.044	$ 6.314	$0.16	6.47	1.42	7.89
May	2038	6.308	$ 0.060	$ 6.369	$0.16	6.53	1.42	7.95
Jun	2038	6.354	$ 0.118	$ 6.472	$0.16	6.64	1.42	8.06
Jul	2038	6.534	$ 0.152	$ 6.686	$0.17	6.86	1.42	8.28
Aug	2038	6.580	$ 0.145	$ 6.725	$0.17	6.90	1.42	8.32
Sep	2038	6.432	$ 0.104	$ 6.536	$0.17	6.70	1.42	8.12
Oct	2038	6.367	$ 0.064	$ 6.431	$0.16	6.59	1.42	8.01
Nov	2038	6.473	$ 0.073	$ 6.546	$0.17	6.71	1.42	8.13
Dec	2038	6.705	$ 0.100	$ 6.805	$0.17	6.98	1.42	8.40
Jan	2039	6.748	$ 0.119	$ 6.866	$0.17	7.04		7.04
Feb	2039	6.789	$ 0.101	$ 6.891	$0.18	7.07		7.07
Mar	2039	6.627	$ 0.032	$ 6.660	$0.17	6.83		6.83
Apr	2039	6.202	$ 0.041	$ 6.243	$0.16	6.40		6.40
May	2039	6.237	$ 0.052	$ 6.290	$0.16	6.45		6.45
Jun	2039	6.278	$ 0.115	$ 6.392	$0.16	6.55		6.55
Jul	2039	6.341	$ 0.129	$ 6.470	$0.16	6.63		6.63
Aug	2039	6.890	$ 0.145	$ 7.035	$0.18	7.21		7.21
Sep	2039	6.860	$ 0.088	$ 6.948	$0.18	7.12		7.12
Oct	2039	6.605	$ 0.081	$ 6.686	$0.17	6.86		6.86
Nov	2039	6.680	$ 0.063	$ 6.743	$0.17	6.91		6.91
Dec	2039	6.885	$ 0.087	$ 6.971	$0.18	7.15		7.15
Jan	2040	6.925	$ 0.098	$ 7.023	$0.18	7.20		7.20
Feb	2040	6.962	$ 0.061	$ 7.022	$0.18	7.20		7.20
Mar	2040	6.849	$ 0.033	$ 6.882	$0.18	7.06		7.06
Apr	2040	6.622	$ 0.013	$ 6.635	$0.17	6.80		6.80
May	2040	6.660	$ 0.058	$ 6.718	$0.17	6.89		6.89
Jun	2040	6.717	$ 0.108	$ 6.824	$0.17	7.00		7.00
Jul	2040	6.962	$ 0.144	$ 7.107	$0.18	7.29		7.29
Aug	2040	7.005	$ 0.155	$ 7.160	$0.18	7.34		7.34
Sep	2040	6.991	$ 0.098	$ 7.089	$0.18	7.27		7.27
Oct	2040	6.835	$ 0.086	$ 6.921	$0.18	7.10		7.10
Nov	2040	6.907	$ 0.069	$ 6.976	$0.18	7.15		7.15
Dec	2040	7.143	$ 0.111	$ 7.255	$0.18	7.44		7.44
Jan	2041	7.186	$ 0.113	$ 7.298	$0.19	7.48		7.48
Feb	2041	7.213	$ 0.083	$ 7.296	$0.19	7.48		7.48
Mar	2041	7.060	$ 0.037	$ 7.097	$0.18	7.28		7.28
Apr	2041	6.802	$ 0.048	$ 6.850	$0.17	7.02		7.02
May	2041	6.844	$ 0.061	$ 6.905	$0.18	7.08		7.08
Jun	2041	6.917	$ 0.124	$ 7.041	$0.18	7.22		7.22
Jul	2041	7.221	$ 0.166	$ 7.387	$0.19	7.57		7.57
Aug	2041	7.264	$ 0.158	$ 7.421	$0.19	7.61		7.61
Sep	2041	7.266	$ 0.116	$ 7.382	$0.19	7.57		7.57
Oct	2041	7.027	$ 0.061	$ 7.088	$0.18	7.27		7.27
Nov	2041	7.157	$ 0.077	$ 7.234	$0.18	7.42		7.42
Dec	2041	7.359	$ 0.127	$ 7.486	$0.19	7.68		7.68
Jan	2042	7.402	$ 0.120	$ 7.523	$0.19	7.71		7.71
Feb	2042	7.433	$ 0.089	$ 7.522	$0.19	7.71		7.71
Mar	2042	7.276	$ 0.033	$ 7.309	$0.19	7.49		7.49
Apr	2042	7.072	$ 0.045	$ 7.117	$0.18	7.30		7.30
May	2042	7.115	$ 0.063	$ 7.179	$0.18	7.36		7.36
Jun	2042	7.185	$ 0.134	$ 7.319	$0.19	7.51		7.51
Jul	2042	7.551	$ 0.168	$ 7.719	$0.20	7.92		7.92
Aug	2042	7.599	$ 0.171	$ 7.770	$0.20	7.97		7.97
Sep	2042	7.574	$ 0.120	$ 7.694	$0.20	7.89		7.89
Oct	2042	7.314	$ 0.080	$ 7.394	$0.19	7.58		7.58
Nov	2042	7.355	$ 0.075	$ 7.429	$0.19	7.62		7.62
Dec	2042	7.587	$ 0.102	$ 7.689	$0.20	7.88		7.88
Jan	2043	7.632	$ 0.105	$ 7.737	$0.20	7.93		7.93
Feb	2043	7.656	$ 0.058	$ 7.715	$0.20	7.91		7.91
Mar	2043	7.507	$ 0.035	$ 7.542	$0.19	7.73		7.73
Apr	2043	7.246	$ 0.028	$ 7.275	$0.19	7.46		7.46
May	2043	7.291	$ 0.050	$ 7.341	$0.19	7.53		7.53
Jun	2043	7.346	$ 0.106	$ 7.452	$0.19	7.64		7.64
Jul	2043	7.705	$ 0.164	$ 7.869	$0.20	8.07		8.07
Aug	2043	7.751	$ 0.156	$ 7.907	$0.20	8.11		8.11
Sep	2043	7.776	$ 0.091	$ 7.866	$0.20	8.07		8.07
Oct	2043	7.486	$ 0.077	$ 7.562	$0.19	7.75		7.75
Nov	2043	7.551	$ 0.066	$ 7.617	$0.19	7.81		7.81
Dec	2043	7.795	$ 0.097	$ 7.892	$0.20	8.09		8.09
Jan	2044	7.843	$ 0.099	$ 7.942	$0.20	8.14		8.14
Feb	2044	7.877	$ 0.059	$ 7.936	$0.20	8.14		8.14
Mar	2044	7.712	$ 0.025	$ 7.737	$0.20	7.93		7.93
Apr	2044	7.571	$ 0.029	$ 7.600	$0.19	7.79		7.79
May	2044	7.615	$ 0.040	$ 7.655	$0.19	7.85		7.85
Jun	2044	7.661	$ 0.105	$ 7.766	$0.20	7.96		7.96
Jul	2044	8.012	$ 0.160	$ 8.173	$0.21	8.38		8.38
Aug	2044	8.062	$ 0.162	$ 8.224	$0.21	8.43		8.43
Sep	2044	8.047	$ 0.080	$ 8.127	$0.21	8.33		8.33
Oct	2044	7.844	$ 0.045	$ 7.889	$0.20	8.09		8.09
Nov	2044	7.965	$ 0.060	$ 8.025	$0.20	8.23		8.23
Dec	2044	8.212	$ 0.099	$ 8.311	$0.21	8.52		8.52
Jan	2045	8.261	$ 0.107	$ 8.368	$0.21	8.58		8.58
Feb	2045	8.310	$ 0.056	$ 8.366	$0.21	8.58		8.58
Mar	2045	8.177	$ 0.031	$ 8.208	$0.21	8.42		8.42
Apr	2045	7.989	$ 0.026	$ 8.015	$0.20	8.22		8.22
May	2045	8.031	$ 0.042	$ 8.072	$0.21	8.28		8.28
Jun	2045	8.080	$ 0.109	$ 8.189	$0.21	8.40		8.40
Jul	2045	8.453	$ 0.157	$ 8.610	$0.22	8.83		8.83
Aug	2045	8.506	$ 0.169	$ 8.676	$0.22	8.90		8.90
Sep	2045	8.521	$ 0.085	$ 8.606	$0.22	8.82		8.82

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Oct	2045	8.268	$ 0.062	$ 8.331	$0.21	8.54	8.54
Nov	2045	8.402	$ 0.062	$ 8.464	$0.22	8.68	8.68
Dec	2045	8.652	$ 0.096	$ 8.748	$0.22	8.97	8.97
Jan	2046	8.703	$ 0.115	$ 8.818	$0.22	9.04	9.04
Feb	2046	8.730	$ 0.062	$ 8.792	$0.22	9.02	9.02
Mar	2046	8.526	$ 0.022	$ 8.549	$0.22	8.77	8.77
Apr	2046	8.288	$ 0.018	$ 8.306	$0.21	8.52	8.52
May	2046	8.324	$ 0.043	$ 8.368	$0.21	8.58	8.58
Jun	2046	8.374	$ 0.110	$ 8.484	$0.22	8.70	8.70
Jul	2046	8.801	$ 0.158	$ 8.959	$0.23	9.19	9.19
Aug	2046	8.857	$ 0.176	$ 9.033	$0.23	9.26	9.26
Sep	2046	8.828	$ 0.081	$ 8.909	$0.23	9.14	9.14
Oct	2046	8.549	$ 0.062	$ 8.611	$0.22	8.83	8.83
Nov	2046	8.628	$ 0.064	$ 8.692	$0.22	8.91	8.91
Dec	2046	8.854	$ 0.103	$ 8.957	$0.23	9.18	9.18
Jan	2047	8.906	$ 0.126	$ 9.032	$0.23	9.26	9.26
Feb	2047	8.921	$ 0.058	$ 8.979	$0.23	9.21	9.21
Mar	2047	8.604	$ 0.019	$ 8.622	$0.22	8.84	8.84
Apr	2047	8.403	$ 0.022	$ 8.425	$0.21	8.64	8.64
May	2047	8.437	$ 0.039	$ 8.476	$0.22	8.69	8.69
Jun	2047	8.486	$ 0.123	$ 8.610	$0.22	8.83	8.83
Jul	2047	8.902	$ 0.165	$ 9.067	$0.23	9.30	9.30
Aug	2047	8.958	$ 0.182	$ 9.140	$0.23	9.37	9.37
Sep	2047	8.954	$ 0.088	$ 9.042	$0.23	9.27	9.27
Oct	2047	8.794	$ 0.052	$ 8.846	$0.22	9.07	9.07
Nov	2047	8.872	$ 0.052	$ 8.924	$0.23	9.15	9.15
Dec	2047	8.907	$ 0.093	$ 9.001	$0.23	9.23	9.23
Jan	2048	8.959	$ 0.109	$ 9.068	$0.23	9.30	9.30
Feb	2048	9.002	$ 0.036	$ 9.038	$0.23	9.27	9.27
Mar	2048	8.799	$ 0.007	$ 8.806	$0.22	9.03	9.03
Apr	2048	8.672	$ 0.022	$ 8.694	$0.22	8.92	8.92
May	2048	8.721	$ 0.032	$ 8.753	$0.22	8.98	8.98
Jun	2048	8.811	$ 0.099	$ 8.910	$0.23	9.14	9.14
Jul	2048	9.345	$ 0.136	$ 9.480	$0.24	9.72	9.72
Aug	2048	9.410	$ 0.181	$ 9.591	$0.24	9.83	9.83
Sep	2048	9.428	$ 0.072	$ 9.500	$0.24	9.74	9.74
Oct	2048	9.043	$ 0.058	$ 9.101	$0.23	9.33	9.33
Nov	2048	9.185	$ 0.046	$ 9.231	$0.23	9.47	9.47
Dec	2048	9.448	$ 0.061	$ 9.509	$0.24	9.75	9.75
Jan	2049	9.502	$ 0.085	$ 9.587	$0.24	9.83	9.83
Feb	2049	9.512	$ 0.031	$ 9.544	$0.24	9.79	9.79
Mar	2049	9.452	$ 0.007	$ 9.458	$0.24	9.70	9.70
Apr	2049	9.346	$ 0.019	$ 9.365	$0.24	9.60	9.60
May	2049	8.991	$ 0.033	$ 9.023	$0.23	9.25	9.25
Jun	2049	9.041	$ 0.089	$ 9.130	$0.23	9.36	9.36
Jul	2049	9.257	$ 0.124	$ 9.381	$0.24	9.62	9.62
Aug	2049	9.309	$ 0.151	$ 9.460	$0.24	9.70	9.70
Sep	2049	9.142	$ 0.071	$ 9.214	$0.23	9.45	9.45
Oct	2049	8.977	$ 0.058	$ 9.035	$0.23	9.26	9.26
Nov	2049	9.324	$ 0.046	$ 9.370	$0.24	9.61	9.61
Dec	2049	9.702	$ 0.062	$ 9.764	$0.25	10.01	10.01
Jan	2050	9.755	$ 0.086	$ 9.841	$0.25	10.09	10.09
Feb	2050	9.783	$ 0.033	$ 9.816	$0.25	10.07	10.07
Mar	2050	9.486	$ 0.006	$ 9.492	$0.24	9.73	9.73
Apr	2050	9.015	$ 0.023	$ 9.038	$0.23	9.27	9.27
May	2050	9.058	$ 0.032	$ 9.090	$0.23	9.32	9.32
Jun	2050	9.108	$ 0.097	$ 9.204	$0.23	9.44	9.44
Jul	2050	9.393	$ 0.124	$ 9.517	$0.24	9.76	9.76
Aug	2050	9.450	$ 0.158	$ 9.608	$0.24	9.85	9.85
Sep	2050	9.423	$ 0.072	$ 9.496	$0.24	9.74	9.74
Oct	2050	9.119	$ 0.063	$ 9.182	$0.23	9.42	9.42
Nov	2050	9.368	$ 0.047	$ 9.416	$0.24	9.66	9.66
Dec	2050	9.683	$ 0.065	$ 9.748	$0.25	10.00	10.00

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HENRY HUB DATA

year	Date	Henry Hub	NYMEX	Blend NYMEX/ Fundamental (%)	Blend NYMEX/ Fundamental ($)
2019	1/1/2019	$3.07	$3.11	100%	3.11
2019	2/1/2019	$2.65	$2.69	100%	2.69
2019	3/1/2019	$2.60	$2.95	100%	2.95
2019	4/1/2019	$2.50	$2.65	100%	2.65
2019	5/1/2019	$2.59	$2.64	100%	2.64
2019	6/1/2019	$2.57	$2.40	100%	2.40
2019	7/1/2019	$2.64	$2.37	100%	2.37
2019	8/1/2019	$2.66	$2.22	100%	2.22
2019	9/1/2019	$2.11	$2.56	100%	2.56
2019	10/1/2019	$2.04	$2.74	100%	2.74
2019	11/1/2019	$2.09	$2.30	100%	2.30
2019	12/1/2019	$2.15	$2.50	100%	2.50
2020	1/1/2020	$2.06	$2.61	100%	2.61
2020	2/1/2020	$2.06	$2.58	100%	2.58
2020	3/1/2020	$1.97	$2.46	100%	2.46
2020	4/1/2020	$1.81	$2.25	100%	2.25
2020	5/1/2020	$1.61	$2.23	100%	2.23
2020	6/1/2020	$1.57	$2.28	100%	2.28
2020	7/1/2020	$1.72	$2.33	100%	2.33
2020	8/1/2020	$1.91	$2.34	100%	2.34
2020	9/1/2020	$2.06	$2.32	100%	2.32
2020	10/1/2020	$2.09	$2.34	100%	2.34
2020	11/1/2020	$2.08	$2.41	100%	2.41
2020	12/1/2020	$2.14	$2.58	100%	2.58
2021	1/1/2021	$2.20	$2.70	100%	2.70
2021	2/1/2021	$2.24	$2.66	100%	2.66
2021	3/1/2021	$2.16	$2.55	100%	2.55
2021	4/1/2021	$2.11	$2.28	100%	2.28
2021	5/1/2021	$2.15	$2.26	100%	2.26
2021	6/1/2021	$2.18	$2.29	100%	2.29
2021	7/1/2021	$2.21	$2.33	100%	2.33
2021	8/1/2021	$2.24	$2.34	100%	2.34
2021	9/1/2021	$2.27	$2.33	100%	2.33
2021	10/1/2021	$2.27	$2.35	100%	2.35
2021	11/1/2021	$2.33	$2.42	100%	2.42
2021	12/1/2021	$2.44	$2.60	100%	2.60
2022	1/1/2022	$2.46	$2.73	100%	2.73
2022	2/1/2022	$2.47	$2.70	100%	2.70
2022	3/1/2022	$2.48	$2.60	100%	2.60
2022	4/1/2022	$2.50	$2.34	100%	2.34
2022	5/1/2022	$2.52	$2.32	100%	2.32
2022	6/1/2022	$2.54	$2.36	100%	2.36
2022	7/1/2022	$2.61	$2.40	100%	2.40
2022	8/1/2022	$2.63	$2.41	100%	2.41
2022	9/1/2022	$2.63	$2.40	100%	2.40
2022	10/1/2022	$2.62	$2.43	100%	2.43
2022	11/1/2022	$2.70	$2.49	100%	2.49
2022	12/1/2022	$2.79	$2.67	100%	2.67
2023	1/1/2023	$2.81	$2.80	100%	2.80
2023	2/1/2023	$2.83	$2.77	100%	2.77
2023	3/1/2023	$2.77	$2.66	100%	2.66
2023	4/1/2023	$2.73	$2.40	100%	2.40
2023	5/1/2023	$2.75	$2.39	100%	2.39
2023	6/1/2023	$2.78	$2.43	100%	2.43
2023	7/1/2023	$2.87	$2.47	100%	2.47
2023	8/1/2023	$2.89	$2.48	100%	2.48
2023	9/1/2023	$2.87	$2.48	100%	2.48
2023	10/1/2023	$2.85	$2.51	100%	2.51
2023	11/1/2023	$3.01	$2.58	100%	2.58
2023	12/1/2023	$3.07	$2.76	100%	2.76
2024	1/1/2024	$3.10	$2.89	98%	2.89
2024	2/1/2024	$3.12	$2.86	97%	2.87
2024	3/1/2024	$3.10	$2.74	95%	2.76
2024	4/1/2024	$3.08	$2.50	93%	2.53

Historical Henry Hub
NYMEX - Close 4/15/19
NYMEX - Close 10/16/19
Grow at inflation of same month previous year

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2024	5/1/2024	$3.10	$2.48	92%	2.53
2024	6/1/2024	$3.16	$2.51	90%	2.57
2024	7/1/2024	$3.27	$2.54	88%	2.62
2024	8/1/2024	$3.30	$2.54	87%	2.64
2024	9/1/2024	$3.26	$2.54	85%	2.65
2024	10/1/2024	$3.24	$2.56	83%	2.67
2024	11/1/2024	$3.37	$2.62	82%	2.76
2024	12/1/2024	$3.50	$2.80	80%	2.94
2025	1/1/2025	$3.52	$2.93	78%	3.05
2025	2/1/2025	$3.54	$2.90	77%	3.05
2025	3/1/2025	$3.48	$2.80	75%	2.97
2025	4/1/2025	$3.42	$2.57	73%	2.80
2025	5/1/2025	$3.44	$2.56	72%	2.81
2025	6/1/2025	$3.47	$2.59	70%	2.85
2025	7/1/2025	$3.65	$2.62	68%	2.95
2025	8/1/2025	$3.68	$2.63	67%	2.98
2025	9/1/2025	$3.37	$2.62	65%	2.88
2025	10/1/2025	$3.35	$2.65	63%	2.90
2025	11/1/2025	$3.44	$2.71	62%	2.99
2025	12/1/2025	$3.60	$2.87	60%	3.16
2026	1/1/2026	$3.62	$2.99	58%	3.25
2026	2/1/2026	$3.64	$2.96	57%	3.25
2026	3/1/2026	$3.56	$2.86	55%	3.18
2026	4/1/2026	$3.50	$2.64	53%	3.04
2026	5/1/2026	$3.52	$2.63	52%	3.06
2026	6/1/2026	$3.57	$2.66	50%	3.12
2026	7/1/2026	$3.82	$2.70	48%	3.28
2026	8/1/2026	$3.85	$2.71	47%	3.32
2026	9/1/2026	$3.70	$2.71	45%	3.25
2026	10/1/2026	$3.64	$2.73	43%	3.25
2026	11/1/2026	$3.70	$2.79	42%	3.32
2026	12/1/2026	$3.87	$2.97	40%	3.51
2027	1/1/2027	$3.89	$3.09	38%	3.58
2027	2/1/2027	$3.91	$3.07	37%	3.60
2027	3/1/2027	$3.85	$2.99	35%	3.55
2027	4/1/2027	$3.71	$2.76	33%	3.40
2027	5/1/2027	$3.74	$2.75	32%	3.42
2027	6/1/2027	$3.81	$2.78	30%	3.50
2027	7/1/2027	$4.10	$2.81	28%	3.73
2027	8/1/2027	$4.12	$2.83	27%	3.78
2027	9/1/2027	$4.08	$2.83	25%	3.77
2027	10/1/2027	$3.89	$2.86	23%	3.65
2027	11/1/2027	$3.95	$2.92	22%	3.73
2027	12/1/2027	$4.14	$3.08	20%	3.93
2028	1/1/2028	$4.17	$3.20	18%	3.99
2028	2/1/2028	$4.20	$3.16	17%	4.02
2028	3/1/2028	$4.10	$3.10	15%	3.95
2028	4/1/2028	$4.07	$2.84	13%	3.91
2028	5/1/2028	$4.10	$2.82	12%	3.95
2028	6/1/2028	$4.28	$2.85	10%	4.14
2028	7/1/2028	$4.27	$2.89	8%	4.16
2028	8/1/2028	$4.31	$2.93	7%	4.21
2028	9/1/2028	$4.35	$2.94	5%	4.28
2028	10/1/2028	$4.31	$2.98	3%	4.26
2028	11/1/2028	$4.35	$3.05	2%	4.33
2028	12/1/2028	$4.60	$3.20	0%	4.60
2029	1/1/2029	$4.64	$3.33	0%	4.64
2029	2/1/2029	$4.67	$3.29	0%	4.67
2029	3/1/2029	$4.45	$3.23	0%	4.45
2029	4/1/2029	$4.47	$2.93	0%	4.47
2029	5/1/2029	$4.53	$2.91	0%	4.53
2029	6/1/2029	$4.66	$2.94	0%	4.66
2029	7/1/2029	$4.39	$2.98	0%	4.39
2029	8/1/2029	$4.42	$3.02	0%	4.42
2029	9/1/2029	$4.54	$3.04	0%	4.54
2029	10/1/2029	$4.52	$3.08	0%	4.52
2029	11/1/2029	$4.43	$3.16	0%	4.43
2029	12/1/2029	$4.63	$3.31	0%	4.63
2030	1/1/2030	$4.67	$3.44	0%	4.67

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2030	2/1/2030	$4.69	$3.41	0%	4.69
2030	3/1/2030	$4.58	$3.34	0%	4.58
2030	4/1/2030	$4.55	$3.04	0%	4.55
2030	5/1/2030	$4.58	$3.01	0%	4.58
2030	6/1/2030	$4.65	$3.05	0%	4.65
2030	7/1/2030	$4.98	$3.09	0%	4.98
2030	8/1/2030	$5.02	$3.13	0%	5.02
2030	9/1/2030	$4.95	$3.14	0%	4.95
2030	10/1/2030	$4.72	$3.19	0%	4.72
2030	11/1/2030	$4.64	$3.26	0%	4.64
2030	12/1/2030	$4.86	$3.42	0%	4.86
2031	1/1/2031	$4.89	$3.55	0%	4.89
2031	2/1/2031	$4.92	$3.51	0%	4.92
2031	3/1/2031	$4.83	$3.45	0%	4.83
2031	4/1/2031	$4.78	$3.15	0%	4.78
2031	5/1/2031	$4.81	$3.12	0%	4.81
2031	6/1/2031	$4.88	$3.16	0%	4.88
2031	7/1/2031	$5.21	$3.20	0%	5.21
2031	8/1/2031	$5.26	$3.24	0%	5.26
2031	9/1/2031	$5.16	$3.25	0%	5.16
2031	10/1/2031	$5.00	$3.30	0%	5.00
2031	11/1/2031	$5.07	$3.37	0%	5.07
2031	12/1/2031	$5.25	$3.53	0%	5.25
2032	1/1/2032	$5.28	$3.66	0%	5.28
2032	2/1/2032	$5.31	$3.62	0%	5.31
2032	3/1/2032	$5.29	$3.56	0%	5.29
2032	4/1/2032	$5.13	$3.25	0%	5.13
2032	5/1/2032	$5.16	$3.22	0%	5.16
2032	6/1/2032	$5.19	$3.26	0%	5.19
2032	7/1/2032	$5.33	$3.30	0%	5.33
2032	8/1/2032	$5.38	$3.34	0%	5.38
2032	9/1/2032	$5.30	$3.36	0%	5.30
2032	10/1/2032	$5.27	$3.40	0%	5.27
2032	11/1/2032	$5.39	$3.48	0%	5.39
2032	12/1/2032	$5.40	$3.64	0%	5.40
2033	1/1/2033	$5.14	$3.82	0%	5.14
2033	2/1/2033	$5.17	$3.78	0%	5.17
2033	3/1/2033	$5.12	$3.71	0%	5.12
2033	4/1/2033	$5.12	$3.39	0%	5.12
2033	5/1/2033	$5.15	$3.36	0%	5.15
2033	6/1/2033	$5.19	$3.40	0%	5.19
2033	7/1/2033	$5.35	$3.44	0%	5.35
2033	8/1/2033	$5.39	$3.49	0%	5.39
2033	9/1/2033	$5.32	$3.50	0%	5.32
2033	10/1/2033	$5.27	$3.55	0%	5.27
2033	11/1/2033	$5.43	$3.63	0%	5.43
2033	12/1/2033	$5.62	$3.80	0%	5.62
2034	1/1/2034	$5.66	$4.06	0%	5.66
2034	2/1/2034	$5.49	$4.02	0%	5.49
2034	3/1/2034	$5.34	$3.94	0%	5.34
2034	4/1/2034	$5.27	$3.60	0%	5.27
2034	5/1/2034	$5.31	$3.57	0%	5.31
2034	6/1/2034	$5.34	$3.61	0%	5.34
2034	7/1/2034	$5.60	$3.66	0%	5.60
2034	8/1/2034	$5.64	$3.71	0%	5.64
2034	9/1/2034	$5.53	$3.72	0%	5.53
2034	10/1/2034	$5.40	$3.78	0%	5.40
2034	11/1/2034	$5.63	$3.86	0%	5.63
2034	12/1/2034	$5.83	$4.03	0%	5.83
2035	1/1/2035	$5.87	$4.35	0%	5.87
2035	2/1/2035	$5.90	$4.31	0%	5.90
2035	3/1/2035	$5.72	$4.23	0%	5.72
2035	4/1/2035	$5.46	$3.86	0%	5.46
2035	5/1/2035	$5.50	$3.83	0%	5.50
2035	6/1/2035	$5.53	$3.87	0%	5.53
2035	7/1/2035	$5.82	$3.92	0%	5.82
2035	8/1/2035	$5.85	$3.97	0%	5.85
2035	9/1/2035	$5.76	$3.99	0%	5.76
2035	10/1/2035	$5.61	$4.05	0%	5.61

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2035	11/1/2035	$5.66	$4.13	0%	5.66
2035	12/1/2035	$5.81	$4.33	0%	5.81
2036	1/1/2036	$5.85	$4.70	0%	5.85
2036	2/1/2036	$5.88	$4.66	0%	5.88
2036	3/1/2036	$5.78	$4.57	0%	5.78
2036	4/1/2036	$5.55	$4.17	0%	5.55
2036	5/1/2036	$5.59	$4.14	0%	5.59
2036	6/1/2036	$5.63	$4.19	0%	5.63
2036	7/1/2036	$5.79	$4.24	0%	5.79
2036	8/1/2036	$5.83	$4.29	0%	5.83
2036	9/1/2036	$5.81	$4.31	0%	5.81
2036	10/1/2036	$5.77	$4.37	0%	5.77
2036	11/1/2036	$5.85	$4.47	0%	5.85
2036	12/1/2036	$6.11	$4.67	0%	6.11
2037	1/1/2037	$6.16	$5.06	0%	6.16
2037	2/1/2037	$6.20	$5.01	0%	6.20
2037	3/1/2037	$6.11	$4.91	0%	6.11
2037	4/1/2037	$5.93	$4.48	0%	5.93
2037	5/1/2037	$5.97	$4.45	0%	5.97
2037	6/1/2037	$6.03	$4.50	0%	6.03
2037	7/1/2037	$6.29	$4.56	0%	6.29
2037	8/1/2037	$6.33	$4.61	0%	6.33
2037	9/1/2037	$6.24	$4.64	0%	6.24
2037	10/1/2037	$6.17	$4.70	0%	6.17
2037	11/1/2037	$6.25	$4.80	0%	6.25
2037	12/1/2037	$6.51	$5.03	0%	6.51
2038	1/1/2038	$6.55	$5.40	0%	6.55
2038	2/1/2038	$6.59	$5.34	0%	6.59
2038	3/1/2038	$6.49	$5.24	0%	6.49
2038	4/1/2038	$6.27	$4.78	0%	6.27
2038	5/1/2038	$6.31	$4.75	0%	6.31
2038	6/1/2038	$6.35	$4.80	0%	6.35
2038	7/1/2038	$6.53	$4.86	0%	6.53
2038	8/1/2038	$6.58	$4.93	0%	6.58
2038	9/1/2038	$6.43	$4.95	0%	6.43
2038	10/1/2038	$6.37	$5.02	0%	6.37
2038	11/1/2038	$6.47	$5.13	0%	6.47
2038	12/1/2038	$6.70	$5.36	0%	6.70
2039	1/1/2039	$6.75	$5.76	0%	6.75
2039	2/1/2039	$6.79	$5.70	0%	6.79
2039	3/1/2039	$6.63	$5.60	0%	6.63
2039	4/1/2039	$6.20	$5.11	0%	6.20
2039	5/1/2039	$6.24	$5.07	0%	6.24
2039	6/1/2039	$6.28	$5.13	0%	6.28
2039	7/1/2039	$6.34	$5.19	0%	6.34
2039	8/1/2039	$6.89	$5.26	0%	6.89
2039	9/1/2039	$6.86	$5.28	0%	6.86
2039	10/1/2039	$6.60	$5.36	0%	6.60
2039	11/1/2039	$6.68	$5.47	0%	6.68
2039	12/1/2039	$6.88	$5.72	0%	6.88
2040	1/1/2040	$6.93	$6.14	0%	6.93
2040	2/1/2040	$6.96	$6.08	0%	6.96
2040	3/1/2040	$6.85	$5.97	0%	6.85
2040	4/1/2040	$6.62	$5.45	0%	6.62
2040	5/1/2040	$6.66	$5.41	0%	6.66
2040	6/1/2040	$6.72	$5.47	0%	6.72
2040	7/1/2040	$6.96	$5.54	0%	6.96
2040	8/1/2040	$7.01	$5.61	0%	7.01
2040	9/1/2040	$6.99	$5.64	0%	6.99
2040	10/1/2040	$6.83	$5.72	0%	6.83
2040	11/1/2040	$6.91	$5.84	0%	6.91
2040	12/1/2040	$7.14	$6.11	0%	7.14
2041	1/1/2041	$7.19	$6.56	0%	7.19
2041	2/1/2041	$7.21	$6.49	0%	7.21
2041	3/1/2041	$7.06	$6.37	0%	7.06
2041	4/1/2041	$6.80	$5.81	0%	6.80
2041	5/1/2041	$6.84	$5.77	0%	6.84
2041	6/1/2041	$6.92	$5.84	0%	6.92
2041	7/1/2041	$7.22	$5.91	0%	7.22

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2041	8/1/2041	$7.26	$5.99	0%	7.26
2041	9/1/2041	$7.27	$6.01	0%	7.27
2041	10/1/2041	$7.03	$6.10	0%	7.03
2041	11/1/2041	$7.16	$6.23	0%	7.16
2041	12/1/2041	$7.36	$6.52	0%	7.36
2042	1/1/2042	$7.40	$7.00	0%	7.40
2042	2/1/2042	$7.43	$6.93	0%	7.43
2042	3/1/2042	$7.28	$6.80	0%	7.28
2042	4/1/2042	$7.07	$6.21	0%	7.07
2042	5/1/2042	$7.12	$6.16	0%	7.12
2042	6/1/2042	$7.18	$6.23	0%	7.18
2042	7/1/2042	$7.55	$6.31	0%	7.55
2042	8/1/2042	$7.60	$6.39	0%	7.60
2042	9/1/2042	$7.57	$6.42	0%	7.57
2042	10/1/2042	$7.31	$6.51	0%	7.31
2042	11/1/2042	$7.35	$6.65	0%	7.35
2042	12/1/2042	$7.59	$6.96	0%	7.59
2043	1/1/2043	$7.63	$7.47	0%	7.63
2043	2/1/2043	$7.66	$7.40	0%	7.66
2043	3/1/2043	$7.51	$7.26	0%	7.51
2043	4/1/2043	$7.25	$6.62	0%	7.25
2043	5/1/2043	$7.29	$6.58	0%	7.29
2043	6/1/2043	$7.35	$6.65	0%	7.35
2043	7/1/2043	$7.70	$6.73	0%	7.70
2043	8/1/2043	$7.75	$6.82	0%	7.75
2043	9/1/2043	$7.78	$6.85	0%	7.78
2043	10/1/2043	$7.49	$6.95	0%	7.49
2043	11/1/2043	$7.55	$7.10	0%	7.55
2043	12/1/2043	$7.80	$7.42	0%	7.80
2044	1/1/2044	$7.84	$7.97	0%	7.84
2044	2/1/2044	$7.88	$7.89	0%	7.88
2044	3/1/2044	$7.71	$7.75	0%	7.71
2044	4/1/2044	$7.57	$7.07	0%	7.57
2044	5/1/2044	$7.62	$7.02	0%	7.62
2044	6/1/2044	$7.66	$7.10	0%	7.66
2044	7/1/2044	$8.01	$7.19	0%	8.01
2044	8/1/2044	$8.06	$7.28	0%	8.06
2044	9/1/2044	$8.05	$7.31	0%	8.05
2044	10/1/2044	$7.84	$7.41	0%	7.84
2044	11/1/2044	$7.97	$7.58	0%	7.97
2044	12/1/2044	$8.21	$7.92	0%	8.21
2045	1/1/2045	$8.26	$8.51	0%	8.26
2045	2/1/2045	$8.31	$8.42	0%	8.31
2045	3/1/2045	$8.18	$8.27	0%	8.18
2045	4/1/2045	$7.99	$7.54	0%	7.99
2045	5/1/2045	$8.03	$7.49	0%	8.03
2045	6/1/2045	$8.08	$7.57	0%	8.08
2045	7/1/2045	$8.45	$7.67	0%	8.45
2045	8/1/2045	$8.51	$7.77	0%	8.51
2045	9/1/2045	$8.52	$7.80	0%	8.52
2045	10/1/2045	$8.27	$7.91	0%	8.27
2045	11/1/2045	$8.40	$8.08	0%	8.40
2045	12/1/2045	$8.65	$8.46	0%	8.65
2046	1/1/2046	$8.70	$9.08	0%	8.70
2046	2/1/2046	$8.73	$8.99	0%	8.73
2046	3/1/2046	$8.53	$8.82	0%	8.53
2046	4/1/2046	$8.29	$8.05	0%	8.29
2046	5/1/2046	$8.32	$7.99	0%	8.32
2046	6/1/2046	$8.37	$8.08	0%	8.37
2046	7/1/2046	$8.80	$8.19	0%	8.80
2046	8/1/2046	$8.86	$8.29	0%	8.86
2046	9/1/2046	$8.83	$8.33	0%	8.83
2046	10/1/2046	$8.55	$8.44	0%	8.55
2046	11/1/2046	$8.63	$8.63	0%	8.63
2046	12/1/2046	$8.85	$9.03	0%	8.85
2047	1/1/2047	$8.91	$9.69	0%	8.91
2047	2/1/2047	$8.92	$9.59	0%	8.92
2047	3/1/2047	$8.60	$9.42	0%	8.60
2047	4/1/2047	$8.40	$8.59	0%	8.40

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2047	5/1/2047	$8.44	$8.19	0%	8.44
2047	6/1/2047	$8.49	$8.29	0%	8.49
2047	7/1/2047	$8.90	$8.39	0%	8.90
2047	8/1/2047	$8.96	$8.50	0%	8.96
2047	9/1/2047	$8.95	$8.53	0%	8.95
2047	10/1/2047	$8.79	$8.66	0%	8.79
2047	11/1/2047	$8.87	$8.84	0%	8.87
2047	12/1/2047	$8.91	$9.25	0%	8.91
2048	1/1/2048	$8.96	$9.93	0%	8.96
2048	2/1/2048	$9.00	$9.83	0%	9.00
2048	3/1/2048	$8.80	$9.65	0%	8.80
2048	4/1/2048	$8.67	$8.81	0%	8.67
2048	5/1/2048	$8.72	$8.40	0%	8.72
2048	6/1/2048	$8.81	$8.49	0%	8.81
2048	7/1/2048	$9.34	$8.60	0%	9.34
2048	8/1/2048	$9.41	$8.71	0%	9.41
2048	9/1/2048	$9.43	$8.75	0%	9.43
2048	10/1/2048	$9.04	$8.87	0%	9.04
2048	11/1/2048	$9.18	$9.07	0%	9.18
2048	12/1/2048	$9.45	$9.48	0%	9.45
2049	1/1/2049	$9.50	$10.18	0%	9.50
2049	2/1/2049	$9.51	$10.08	0%	9.51
2049	3/1/2049	$9.45	$9.89	0%	9.45
2049	4/1/2049	$9.35	$9.03	0%	9.35
2049	5/1/2049	$8.99	$8.61	0%	8.99
2049	6/1/2049	$9.04	$8.70	0%	9.04
2049	7/1/2049	$9.26	$8.82	0%	9.26
2049	8/1/2049	$9.31	$8.93	0%	9.31
2049	9/1/2049	$9.14	$8.97	0%	9.14
2049	10/1/2049	$8.98	$9.09	0%	8.98
2049	11/1/2049	$9.32	$9.29	0%	9.32
2049	12/1/2049	$9.70	$9.72	0%	9.70
2050	1/1/2050	$9.76	$10.43	0%	9.76
2050	2/1/2050	$9.78	$10.33	0%	9.78
2050	3/1/2050	$9.49	$10.14	0%	9.49
2050	4/1/2050	$9.02	$9.25	0%	9.02
2050	5/1/2050	$9.06	$8.82	0%	9.06
2050	6/1/2050	$9.11	$8.92	0%	9.11
2050	7/1/2050	$9.39	$9.04	0%	9.39
2050	8/1/2050	$9.45	$9.15	0%	9.45
2050	9/1/2050	$9.42	$9.19	0%	9.42
2050	10/1/2050	$9.12	$9.32	0%	9.12
2050	11/1/2050	$9.37	$9.52	0%	9.37
2050	12/1/2050	$9.68	$9.96	0%	9.68

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US Gas Prices Nominal $

	Henry Hub	Transco Z4	FGT Z3 Gas Prices	Transco Z4	FGT Z3 Bassis Differentials
Jan-19	3.07	$3.02	3.03	($0.06)	($0.046)
Feb-19	2.65	$2.62	2.63	($0.03)	($0.019)
Mar-19	2.60	$2.55	2.60	($0.05)	($0.003)
Apr-19	2.50	$2.47	2.50	($0.03)	($0.001)
May-19	2.59	$2.59	2.60	($0.00)	$0.005
Jun-19	2.57	$2.57	2.60	$0.00	$0.037
Jul-19	2.64	$2.65	2.69	$0.01	$0.048
Aug-19	2.66	$2.68	2.72	$0.01	$0.056
Sep-19	2.11	$2.11	2.13	$0.00	$0.016
Oct-19	2.04	$2.01	2.04	($0.03)	$0.010
Nov-19	2.09	$2.07	2.10	($0.02)	$0.012
Dec-19	2.15	$2.15	2.18	($0.01)	$0.023
Jan-20	2.06	$2.05	2.09	($0.01)	$0.035
Feb-20	2.06	$2.04	2.09	($0.02)	$0.024
Mar-20	1.97	$1.95	1.96	($0.02)	($0.020)
Apr-20	1.81	$1.76	1.79	($0.05)	($0.019)
May-20	1.61	$1.56	1.62	($0.05)	$0.005
Jun-20	1.57	$1.53	1.60	($0.04)	$0.026
Jul-20	1.72	$1.70	1.77	($0.03)	$0.048
Aug-20	1.91	$1.91	1.97	($0.01)	$0.055
Sep-20	2.06	$2.02	2.08	($0.04)	$0.012
Oct-20	2.09	$2.02	2.10	($0.06)	$0.016
Nov-20	2.08	$2.05	2.10	($0.03)	$0.025
Dec-20	2.14	$2.12	2.17	($0.02)	$0.034
Jan-21	2.20	$2.19	2.24	($0.01)	$0.038
Feb-21	2.24	$2.22	2.28	($0.03)	$0.033
Mar-21	2.16	$2.14	2.14	($0.02)	($0.015)
Apr-21	2.11	$2.03	2.08	($0.07)	($0.021)
May-21	2.15	$2.08	2.15	($0.07)	$0.005
Jun-21	2.18	$2.13	2.21	($0.05)	$0.025
Jul-21	2.21	$2.17	2.25	($0.04)	$0.047
Aug-21	2.24	$2.22	2.30	($0.02)	$0.058
Sep-21	2.27	$2.22	2.29	($0.05)	$0.011
Oct-21	2.27	$2.21	2.29	($0.06)	$0.018
Nov-21	2.33	$2.30	2.36	($0.04)	$0.027
Dec-21	2.44	$2.42	2.48	($0.02)	$0.038
Jan-22	2.46	$2.44	2.50	($0.02)	$0.041
Feb-22	2.47	$2.44	2.51	($0.03)	$0.036
Mar-22	2.48	$2.45	2.46	($0.03)	($0.013)
Apr-22	2.50	$2.43	2.49	($0.07)	($0.016)
May-22	2.52	$2.45	2.52	($0.07)	$0.007
Jun-22	2.54	$2.50	2.58	($0.04)	$0.034
Jul-22	2.61	$2.58	2.67	($0.02)	$0.059
Aug-22	2.63	$2.62	2.70	($0.02)	$0.066
Sep-22	2.63	$2.58	2.65	($0.05)	$0.021
Oct-22	2.62	$2.56	2.65	($0.06)	$0.024
Nov-22	2.70	$2.67	2.74	($0.03)	$0.034
Dec-22	2.79	$2.78	2.84	($0.01)	$0.044
Jan-23	2.81	$2.79	2.86	($0.02)	$0.052

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Feb-23	2.83	$2.79	2.87	($0.03)	$0.047
Mar-23	2.77	$2.74	2.77	($0.03)	($0.003)
Apr-23	2.73	$2.66	2.72	($0.07)	($0.008)
May-23	2.75	$2.68	2.76	($0.06)	$0.016
Jun-23	2.78	$2.73	2.82	($0.05)	$0.042
Jul-23	2.87	$2.83	2.94	($0.04)	$0.068
Aug-23	2.89	$2.87	2.97	($0.03)	$0.076
Sep-23	2.87	$2.82	2.90	($0.05)	$0.029
Oct-23	2.85	$2.79	2.88	($0.06)	$0.030
Nov-23	3.01	$2.97	3.05	($0.05)	$0.037
Dec-23	3.07	$3.05	3.12	($0.02)	$0.053
Jan-24	3.10	$3.07	3.15	($0.03)	$0.058
Feb-24	3.12	$3.07	3.17	($0.04)	$0.050
Mar-24	3.10	$3.06	3.10	($0.05)	($0.002)
Apr-24	3.08	$3.00	3.08	($0.09)	($0.007)
May-24	3.10	$3.02	3.12	($0.08)	$0.017
Jun-24	3.16	$3.10	3.21	($0.06)	$0.046
Jul-24	3.27	$3.22	3.34	($0.04)	$0.077
Aug-24	3.30	$3.27	3.37	($0.03)	$0.077
Sep-24	3.26	$3.20	3.31	($0.06)	$0.047
Oct-24	3.24	$3.18	3.28	($0.06)	$0.040
Nov-24	3.37	$3.33	3.42	($0.05)	$0.044
Dec-24	3.50	$3.46	3.56	($0.04)	$0.056
Jan-25	3.52	$3.49	3.58	($0.03)	$0.061
Feb-25	3.54	$3.50	3.60	($0.04)	$0.055
Mar-25	3.48	$3.43	3.47	($0.05)	($0.001)
Apr-25	3.42	$3.33	3.41	($0.10)	($0.011)
May-25	3.44	$3.35	3.46	($0.09)	$0.016
Jun-25	3.47	$3.41	3.52	($0.06)	$0.054
Jul-25	3.65	$3.61	3.73	($0.04)	$0.078
Aug-25	3.68	$3.66	3.76	($0.03)	$0.078
Sep-25	3.37	$3.31	3.41	($0.06)	$0.045
Oct-25	3.35	$3.27	3.38	($0.08)	$0.035
Nov-25	3.44	$3.38	3.48	($0.07)	$0.036
Dec-25	3.60	$3.55	3.65	($0.05)	$0.051
Jan-26	3.62	$3.58	3.68	($0.05)	$0.057
Feb-26	3.64	$3.59	3.70	($0.05)	$0.053
Mar-26	3.56	$3.50	3.55	($0.06)	($0.003)
Apr-26	3.50	$3.41	3.50	($0.09)	($0.001)
May-26	3.52	$3.43	3.54	($0.09)	$0.022
Jun-26	3.57	$3.51	3.62	($0.06)	$0.053
Jul-26	3.82	$3.78	3.90	($0.04)	$0.077
Aug-26	3.85	$3.81	3.93	($0.04)	$0.078
Sep-26	3.70	$3.64	3.74	($0.06)	$0.041
Oct-26	3.64	$3.55	3.68	($0.09)	$0.034
Nov-26	3.70	$3.64	3.74	($0.06)	$0.042
Dec-26	3.87	$3.82	3.92	($0.05)	$0.054
Jan-27	3.89	$3.85	3.95	($0.04)	$0.062
Feb-27	3.91	$3.86	3.97	($0.05)	$0.057
Mar-27	3.85	$3.79	3.85	($0.06)	($0.002)
Apr-27	3.71	$3.62	3.71	($0.10)	($0.002)
May-27	3.74	$3.64	3.76	($0.10)	$0.021

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Jun-27	3.81	$3.75	3.86	($0.06)	$0.051
Jul-27	4.10	$4.05	4.17	($0.04)	$0.079
Aug-27	4.12	$4.09	4.21	($0.03)	$0.082
Sep-27	4.08	$4.01	4.12	($0.07)	$0.043
Oct-27	3.89	$3.80	3.93	($0.09)	$0.038
Nov-27	3.95	$3.89	4.00	($0.06)	$0.043
Dec-27	4.14	$4.10	4.20	($0.05)	$0.054
Jan-28	4.17	$4.14	4.23	($0.03)	$0.063
Feb-28	4.20	$4.14	4.24	($0.06)	$0.047
Mar-28	4.10	$4.03	4.10	($0.07)	($0.002)
Apr-28	4.07	$3.96	4.06	($0.11)	($0.006)
May-28	4.10	$4.00	4.12	($0.10)	$0.024
Jun-28	4.28	$4.22	4.34	($0.06)	$0.059
Jul-28	4.27	$4.24	4.37	($0.04)	$0.091
Aug-28	4.31	$4.28	4.40	($0.03)	$0.089
Sep-28	4.35	$4.29	4.40	($0.06)	$0.048
Oct-28	4.31	$4.22	4.35	($0.09)	$0.044
Nov-28	4.35	$4.28	4.40	($0.07)	$0.046
Dec-28	4.60	$4.54	4.65	($0.05)	$0.054
Jan-29	4.64	$4.61	4.72	($0.03)	$0.075
Feb-29	4.67	$4.62	4.74	($0.05)	$0.068
Mar-29	4.45	$4.39	4.46	($0.06)	$0.007
Apr-29	4.47	$4.36	4.47	($0.11)	$0.002
May-29	4.53	$4.43	4.56	($0.10)	$0.027
Jun-29	4.66	$4.58	4.72	($0.07)	$0.062
Jul-29	4.39	$4.34	4.48	($0.05)	$0.091
Aug-29	4.42	$4.38	4.52	($0.03)	$0.098
Sep-29	4.54	$4.46	4.59	($0.07)	$0.053
Oct-29	4.52	$4.43	4.57	($0.10)	$0.040
Nov-29	4.43	$4.39	4.49	($0.04)	$0.063
Dec-29	4.63	$4.59	4.70	($0.04)	$0.062
Jan-30	4.67	$4.64	4.74	($0.03)	$0.075
Feb-30	4.69	$4.65	4.76	($0.04)	$0.069
Mar-30	4.58	$4.53	4.59	($0.05)	$0.004
Apr-30	4.55	$4.43	4.54	($0.12)	($0.008)
May-30	4.58	$4.48	4.61	($0.10)	$0.029
Jun-30	4.65	$4.61	4.72	($0.05)	$0.069
Jul-30	4.98	$4.96	5.09	($0.02)	$0.104
Aug-30	5.02	$5.02	5.13	$0.00	$0.113
Sep-30	4.95	$4.89	5.00	($0.05)	$0.056
Oct-30	4.72	$4.64	4.77	($0.08)	$0.053
Nov-30	4.64	$4.59	4.69	($0.04)	$0.056
Dec-30	4.86	$4.82	4.93	($0.04)	$0.064
Jan-31	4.89	$4.85	4.99	($0.04)	$0.098
Feb-31	4.92	$4.87	5.01	($0.05)	$0.092
Mar-31	4.83	$4.76	4.84	($0.06)	$0.019
Apr-31	4.78	$4.66	4.78	($0.13)	$0.000
May-31	4.81	$4.71	4.87	($0.10)	$0.055
Jun-31	4.88	$4.82	4.96	($0.06)	$0.082
Jul-31	5.21	$5.17	5.33	($0.03)	$0.116
Aug-31	5.26	$5.22	5.40	($0.04)	$0.139
Sep-31	5.16	$5.11	5.25	($0.05)	$0.086

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Oct-31	5.00	$4.92	5.09	($0.08)	$0.082
Nov-31	5.07	$5.01	5.14	($0.06)	$0.066
Dec-31	5.25	$5.20	5.33	($0.05)	$0.082
Jan-32	5.28	$5.23	5.39	($0.05)	$0.106
Feb-32	5.31	$5.25	5.39	($0.06)	$0.077
Mar-32	5.29	$5.22	5.34	($0.07)	$0.050
Apr-32	5.13	$5.00	5.15	($0.13)	$0.026
May-32	5.16	$5.05	5.22	($0.10)	$0.069
Jun-32	5.19	$5.13	5.28	($0.06)	$0.095
Jul-32	5.33	$5.29	5.47	($0.04)	$0.136
Aug-32	5.38	$5.35	5.54	($0.03)	$0.159
Sep-32	5.30	$5.25	5.39	($0.05)	$0.091
Oct-32	5.27	$5.19	5.35	($0.08)	$0.088
Nov-32	5.39	$5.28	5.44	($0.11)	$0.053
Dec-32	5.40	$5.33	5.47	($0.08)	$0.072
Jan-33	5.14	$5.07	5.23	($0.06)	$0.093
Feb-33	5.17	$5.10	5.26	($0.07)	$0.091
Mar-33	5.12	$5.02	5.14	($0.10)	$0.022
Apr-33	5.12	$4.98	5.14	($0.14)	$0.016
May-33	5.15	$5.02	5.19	($0.14)	$0.032
Jun-33	5.19	$5.11	5.27	($0.08)	$0.080
Jul-33	5.35	$5.31	5.47	($0.04)	$0.119
Aug-33	5.39	$5.37	5.52	($0.02)	$0.127
Sep-33	5.32	$5.25	5.39	($0.08)	$0.068
Oct-33	5.27	$5.15	5.33	($0.12)	$0.053
Nov-33	5.43	$5.32	5.46	($0.11)	$0.033
Dec-33	5.62	$5.54	5.67	($0.08)	$0.047
Jan-34	5.66	$5.59	5.74	($0.06)	$0.080
Feb-34	5.49	$5.42	5.55	($0.07)	$0.056
Mar-34	5.34	$5.23	5.33	($0.11)	($0.008)
Apr-34	5.27	$5.14	5.28	($0.13)	$0.009
May-34	5.31	$5.17	5.35	($0.13)	$0.039
Jun-34	5.34	$5.26	5.43	($0.08)	$0.084
Jul-34	5.60	$5.55	5.72	($0.04)	$0.125
Aug-34	5.64	$5.62	5.78	($0.02)	$0.144
Sep-34	5.53	$5.46	5.61	($0.08)	$0.074
Oct-34	5.40	$5.27	5.45	($0.13)	$0.049
Nov-34	5.63	$5.52	5.67	($0.11)	$0.034
Dec-34	5.83	$5.76	5.88	($0.07)	$0.055
Jan-35	5.87	$5.81	5.96	($0.06)	$0.086
Feb-35	5.90	$5.83	5.96	($0.07)	$0.065
Mar-35	5.72	$5.61	5.74	($0.11)	$0.018
Apr-35	5.46	$5.32	5.49	($0.14)	$0.023
May-35	5.50	$5.36	5.54	($0.13)	$0.046
Jun-35	5.53	$5.45	5.62	($0.08)	$0.091
Jul-35	5.82	$5.78	5.95	($0.04)	$0.130
Aug-35	5.85	$5.83	6.00	($0.03)	$0.147
Sep-35	5.76	$5.68	5.83	($0.08)	$0.075
Oct-35	5.61	$5.48	5.66	($0.13)	$0.048
Nov-35	5.66	$5.55	5.69	($0.11)	$0.033
Dec-35	5.81	$5.74	5.87	($0.07)	$0.058
Jan-36	5.85	$5.79	5.94	($0.06)	$0.093

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Feb-36	5.88	$5.80	5.91	($0.08)	$0.034
Mar-36	5.78	$5.67	5.80	($0.11)	$0.020
Apr-36	5.55	$5.41	5.57	($0.14)	$0.023
May-36	5.59	$5.45	5.64	($0.13)	$0.049
Jun-36	5.63	$5.54	5.72	($0.08)	$0.096
Jul-36	5.79	$5.75	5.93	($0.04)	$0.135
Aug-36	5.83	$5.80	5.98	($0.03)	$0.150
Sep-36	5.81	$5.73	5.90	($0.07)	$0.089
Oct-36	5.77	$5.64	5.84	($0.12)	$0.076
Nov-36	5.85	$5.74	5.90	($0.11)	$0.051
Dec-36	6.11	$6.04	6.18	($0.07)	$0.064
Jan-37	6.16	$6.10	6.27	($0.06)	$0.105
Feb-37	6.20	$6.13	6.28	($0.07)	$0.081
Mar-37	6.11	$5.99	6.13	($0.11)	$0.024
Apr-37	5.93	$5.79	5.95	($0.14)	$0.021
May-37	5.97	$5.83	6.02	($0.14)	$0.055
Jun-37	6.03	$5.95	6.14	($0.08)	$0.111
Jul-37	6.29	$6.25	6.43	($0.04)	$0.147
Aug-37	6.33	$6.30	6.47	($0.03)	$0.147
Sep-37	6.24	$6.17	6.34	($0.07)	$0.096
Oct-37	6.17	$6.04	6.25	($0.14)	$0.074
Nov-37	6.25	$6.13	6.30	($0.12)	$0.052
Dec-37	6.51	$6.44	6.59	($0.07)	$0.078
Jan-38	6.55	$6.49	6.66	($0.06)	$0.111
Feb-38	6.59	$6.52	6.68	($0.08)	$0.088
Mar-38	6.49	$6.37	6.52	($0.12)	$0.026
Apr-38	6.27	$6.13	6.31	($0.14)	$0.044
May-38	6.31	$6.17	6.37	($0.14)	$0.060
Jun-38	6.35	$6.27	6.47	($0.08)	$0.118
Jul-38	6.53	$6.49	6.69	($0.04)	$0.152
Aug-38	6.58	$6.54	6.73	($0.04)	$0.145
Sep-38	6.43	$6.36	6.54	($0.07)	$0.104
Oct-38	6.37	$6.23	6.43	($0.14)	$0.064
Nov-38	6.47	$6.35	6.55	($0.12)	$0.073
Dec-38	6.70	$6.63	6.80	($0.07)	$0.100
Jan-39	6.75	$6.68	6.87	($0.06)	$0.119
Feb-39	6.79	$6.72	6.89	($0.07)	$0.101
Mar-39	6.63	$6.51	6.66	($0.12)	$0.032
Apr-39	6.20	$6.05	6.24	($0.15)	$0.041
May-39	6.24	$6.09	6.29	($0.15)	$0.052
Jun-39	6.28	$6.19	6.39	($0.09)	$0.115
Jul-39	6.34	$6.28	6.47	($0.06)	$0.129
Aug-39	6.89	$6.84	7.04	($0.05)	$0.145
Sep-39	6.86	$6.78	6.95	($0.08)	$0.088
Oct-39	6.60	$6.46	6.69	($0.14)	$0.081
Nov-39	6.68	$6.56	6.74	($0.12)	$0.063
Dec-39	6.88	$6.80	6.97	($0.09)	$0.087
Jan-40	6.93	$6.86	7.02	($0.07)	$0.098
Feb-40	6.96	$6.85	7.02	($0.11)	$0.061
Mar-40	6.85	$6.72	6.88	($0.12)	$0.033
Apr-40	6.62	$6.47	6.63	($0.15)	$0.013
May-40	6.66	$6.51	6.72	($0.15)	$0.058

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Jun-40	6.72	$6.62	6.82	($0.10)	$0.108
Jul-40	6.96	$6.91	7.11	($0.05)	$0.144
Aug-40	7.01	$6.97	7.16	($0.04)	$0.155
Sep-40	6.99	$6.91	7.09	($0.08)	$0.098
Oct-40	6.83	$6.68	6.92	($0.15)	$0.086
Nov-40	6.91	$6.78	6.98	($0.13)	$0.069
Dec-40	7.14	$7.07	7.25	($0.07)	$0.111
Jan-41	7.19	$7.12	7.30	($0.06)	$0.113
Feb-41	7.21	$7.12	7.30	($0.09)	$0.083
Mar-41	7.06	$6.93	7.10	($0.13)	$0.037
Apr-41	6.80	$6.65	6.85	($0.15)	$0.048
May-41	6.84	$6.69	6.90	($0.15)	$0.061
Jun-41	6.92	$6.83	7.04	($0.09)	$0.124
Jul-41	7.22	$7.18	7.39	($0.04)	$0.166
Aug-41	7.26	$7.24	7.42	($0.03)	$0.158
Sep-41	7.27	$7.19	7.38	($0.08)	$0.116
Oct-41	7.03	$6.87	7.09	($0.16)	$0.061
Nov-41	7.16	$7.03	7.23	($0.13)	$0.077
Dec-41	7.36	$7.30	7.49	($0.06)	$0.127
Jan-42	7.40	$7.35	7.52	($0.05)	$0.120
Feb-42	7.43	$7.35	7.52	($0.09)	$0.089
Mar-42	7.28	$7.14	7.31	($0.14)	$0.033
Apr-42	7.07	$6.91	7.12	($0.16)	$0.045
May-42	7.12	$6.96	7.18	($0.16)	$0.063
Jun-42	7.18	$7.10	7.32	($0.08)	$0.134
Jul-42	7.55	$7.51	7.72	($0.05)	$0.168
Aug-42	7.60	$7.59	7.77	($0.01)	$0.171
Sep-42	7.57	$7.50	7.69	($0.07)	$0.120
Oct-42	7.31	$7.16	7.39	($0.15)	$0.080
Nov-42	7.35	$7.22	7.43	($0.14)	$0.075
Dec-42	7.59	$7.46	7.69	($0.13)	$0.102
Jan-43	7.63	$7.53	7.74	($0.10)	$0.105
Feb-43	7.66	$7.50	7.71	($0.15)	$0.058
Mar-43	7.51	$7.37	7.54	($0.14)	$0.035
Apr-43	7.25	$7.05	7.27	($0.19)	$0.028
May-43	7.29	$7.10	7.34	($0.19)	$0.050
Jun-43	7.35	$7.19	7.45	($0.16)	$0.106
Jul-43	7.70	$7.63	7.87	($0.08)	$0.164
Aug-43	7.75	$7.69	7.91	($0.06)	$0.156
Sep-43	7.78	$7.61	7.87	($0.17)	$0.091
Oct-43	7.49	$7.32	7.56	($0.17)	$0.077
Nov-43	7.55	$7.39	7.62	($0.16)	$0.066
Dec-43	7.80	$7.65	7.89	($0.14)	$0.097
Jan-44	7.84	$7.72	7.94	($0.12)	$0.099
Feb-44	7.88	$7.72	7.94	($0.16)	$0.059
Mar-44	7.71	$7.55	7.74	($0.16)	$0.025
Apr-44	7.57	$7.36	7.60	($0.21)	$0.029
May-44	7.62	$7.40	7.65	($0.22)	$0.040
Jun-44	7.66	$7.49	7.77	($0.17)	$0.105
Jul-44	8.01	$7.93	8.17	($0.08)	$0.160
Aug-44	8.06	$8.00	8.22	($0.06)	$0.162
Sep-44	8.05	$7.85	8.13	($0.19)	$0.080

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Oct-44	7.84	$7.63	7.89	($0.22)	$0.045
Nov-44	7.97	$7.78	8.03	($0.18)	$0.060
Dec-44	8.21	$8.06	8.31	($0.15)	$0.099
Jan-45	8.26	$8.14	8.37	($0.12)	$0.107
Feb-45	8.31	$8.14	8.37	($0.17)	$0.056
Mar-45	8.18	$8.01	8.21	($0.16)	$0.031
Apr-45	7.99	$7.76	8.01	($0.23)	$0.026
May-45	8.03	$7.81	8.07	($0.22)	$0.042
Jun-45	8.08	$7.91	8.19	($0.17)	$0.109
Jul-45	8.45	$8.36	8.61	($0.09)	$0.157
Aug-45	8.51	$8.44	8.68	($0.06)	$0.169
Sep-45	8.52	$8.32	8.61	($0.20)	$0.085
Oct-45	8.27	$8.05	8.33	($0.22)	$0.062
Nov-45	8.40	$8.21	8.46	($0.19)	$0.062
Dec-45	8.65	$8.49	8.75	($0.16)	$0.096
Jan-46	8.70	$8.59	8.82	($0.11)	$0.115
Feb-46	8.73	$8.56	8.79	($0.17)	$0.062
Mar-46	8.53	$8.34	8.55	($0.19)	$0.022
Apr-46	8.29	$8.05	8.31	($0.24)	$0.018
May-46	8.32	$8.10	8.37	($0.23)	$0.043
Jun-46	8.37	$8.20	8.48	($0.18)	$0.110
Jul-46	8.80	$8.70	8.96	($0.10)	$0.158
Aug-46	8.86	$8.80	9.03	($0.06)	$0.176
Sep-46	8.83	$8.63	8.91	($0.20)	$0.081
Oct-46	8.55	$8.33	8.61	($0.22)	$0.062
Nov-46	8.63	$8.43	8.69	($0.19)	$0.064
Dec-46	8.85	$8.70	8.96	($0.15)	$0.103
Jan-47	8.91	$8.80	9.03	($0.10)	$0.126
Feb-47	8.92	$8.73	8.98	($0.19)	$0.058
Mar-47	8.60	$8.39	8.62	($0.21)	$0.019
Apr-47	8.40	$8.15	8.43	($0.25)	$0.022
May-47	8.44	$8.19	8.48	($0.24)	$0.039
Jun-47	8.49	$8.33	8.61	($0.15)	$0.123
Jul-47	8.90	$8.81	9.07	($0.09)	$0.165
Aug-47	8.96	$8.90	9.14	($0.05)	$0.182
Sep-47	8.95	$8.79	9.04	($0.17)	$0.088
Oct-47	8.79	$8.56	8.85	($0.23)	$0.052
Nov-47	8.87	$8.64	8.92	($0.23)	$0.052
Dec-47	8.91	$8.73	9.00	($0.18)	$0.093
Jan-48	8.96	$8.84	9.07	($0.12)	$0.109
Feb-48	9.00	$8.79	9.04	($0.21)	$0.036
Mar-48	8.80	$8.57	8.81	($0.23)	$0.007
Apr-48	8.67	$8.41	8.69	($0.26)	$0.022
May-48	8.72	$8.47	8.75	($0.25)	$0.032
Jun-48	8.81	$8.63	8.91	($0.19)	$0.099
Jul-48	9.34	$9.22	9.48	($0.13)	$0.136
Aug-48	9.41	$9.35	9.59	($0.06)	$0.181
Sep-48	9.43	$9.23	9.50	($0.20)	$0.072
Oct-48	9.04	$8.79	9.10	($0.25)	$0.058
Nov-48	9.18	$8.94	9.23	($0.24)	$0.046
Dec-48	9.45	$9.23	9.51	($0.22)	$0.061
Jan-49	9.50	$9.32	9.59	($0.18)	$0.085

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Feb-49	9.51	$9.28	9.54	($0.23)	$0.031
Mar-49	9.45	$9.22	9.46	($0.23)	$0.007
Apr-49	9.35	$9.09	9.36	($0.26)	$0.019
May-49	8.99	$8.74	9.02	($0.25)	$0.033
Jun-49	9.04	$8.83	9.13	($0.21)	$0.089
Jul-49	9.26	$9.11	9.38	($0.15)	$0.124
Aug-49	9.31	$9.18	9.46	($0.13)	$0.151
Sep-49	9.14	$8.95	9.21	($0.19)	$0.071
Oct-49	8.98	$8.73	9.03	($0.24)	$0.058
Nov-49	9.32	$9.08	9.37	($0.24)	$0.046
Dec-49	9.70	$9.49	9.76	($0.22)	$0.062
Jan-50	9.76	$9.58	9.84	($0.17)	$0.086
Feb-50	9.78	$9.55	9.82	($0.23)	$0.033
Mar-50	9.49	$9.26	9.49	($0.23)	$0.006
Apr-50	9.02	$8.76	9.04	($0.26)	$0.023
May-50	9.06	$8.81	9.09	($0.25)	$0.032
Jun-50	9.11	$8.91	9.20	($0.20)	$0.097
Jul-50	9.39	$9.24	9.52	($0.15)	$0.124
Aug-50	9.45	$9.33	9.61	($0.12)	$0.158
Sep-50	9.42	$9.23	9.50	($0.19)	$0.072
Oct-50	9.12	$8.89	9.18	($0.23)	$0.063
Nov-50	9.37	$9.13	9.42	($0.24)	$0.047
Dec-50	9.68	$9.47	9.75	($0.21)	$0.065

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IHS Markit North American Natural Gas Long-Term Outlook, August 2019
Nominal $/MMBtu
Henry Hub and additional hubs

Month-Year	<Year>	Henry Hub	FGT Z3	Transco Z4	FGT Z3	Transco Z4
Jan-19	2019	$ 3.07	$ (0.05)	$ (0.06)	$ 3.03	$ 3.02
Feb-19	2019	$ 2.65	$ (0.02)	$ (0.03)	$ 2.63	$ 2.62
Mar-19	2019	$ 2.60	$ (0.00)	$ (0.05)	$ 2.60	$ 2.55
Apr-19	2019	$ 2.50	$ (0.00)	$ (0.03)	$ 2.50	$ 2.47
May-19	2019	$ 2.59	$ 0.01	$ (0.00)	$ 2.60	$ 2.59
Jun-19	2019	$ 2.57	$ 0.04	$ 0.00	$ 2.60	$ 2.57
Jul-19	2019	$ 2.64	$ 0.05	$ 0.01	$ 2.69	$ 2.65
Aug-19	2019	$ 2.66	$ 0.06	$ 0.01	$ 2.72	$ 2.68
Sep-19	2019	$ 2.11	$ 0.02	$ 0.00	$ 2.13	$ 2.11
Oct-19	2019	$ 2.04	$ 0.01	$ (0.03)	$ 2.04	$ 2.01
Nov-19	2019	$ 2.09	$ 0.01	$ (0.02)	$ 2.10	$ 2.07
Dec-19	2019	$ 2.15	$ 0.02	$ (0.01)	$ 2.18	$ 2.15
Jan-20	2020	$ 2.06	$ 0.03	$ (0.01)	$ 2.09	$ 2.05
Feb-20	2020	$ 2.06	$ 0.02	$ (0.02)	$ 2.09	$ 2.04
Mar-20	2020	$ 1.97	$ (0.02)	$ (0.02)	$ 1.96	$ 1.95
Apr-20	2020	$ 1.81	$ (0.02)	$ (0.05)	$ 1.79	$ 1.76
May-20	2020	$ 1.61	$ 0.01	$ (0.05)	$ 1.62	$ 1.56
Jun-20	2020	$ 1.57	$ 0.03	$ (0.04)	$ 1.60	$ 1.53
Jul-20	2020	$ 1.72	$ 0.05	$ (0.03)	$ 1.77	$ 1.70
Aug-20	2020	$ 1.91	$ 0.05	$ (0.01)	$ 1.97	$ 1.91
Sep-20	2020	$ 2.06	$ 0.01	$ (0.04)	$ 2.08	$ 2.02
Oct-20	2020	$ 2.09	$ 0.02	$ (0.06)	$ 2.10	$ 2.02
Nov-20	2020	$ 2.08	$ 0.02	$ (0.03)	$ 2.10	$ 2.05
Dec-20	2020	$ 2.14	$ 0.03	$ (0.02)	$ 2.17	$ 2.12
Jan-21	2021	$ 2.20	$ 0.04	$ (0.01)	$ 2.24	$ 2.19
Feb-21	2021	$ 2.24	$ 0.03	$ (0.03)	$ 2.28	$ 2.22
Mar-21	2021	$ 2.16	$ (0.01)	$ (0.02)	$ 2.14	$ 2.14
Apr-21	2021	$ 2.11	$ (0.02)	$ (0.07)	$ 2.08	$ 2.03
May-21	2021	$ 2.15	$ 0.01	$ (0.07)	$ 2.15	$ 2.08
Jun-21	2021	$ 2.18	$ 0.03	$ (0.05)	$ 2.21	$ 2.13
Jul-21	2021	$ 2.21	$ 0.05	$ (0.04)	$ 2.25	$ 2.17
Aug-21	2021	$ 2.24	$ 0.06	$ (0.02)	$ 2.30	$ 2.22
Sep-21	2021	$ 2.27	$ 0.01	$ (0.05)	$ 2.29	$ 2.22
Oct-21	2021	$ 2.27	$ 0.02	$ (0.06)	$ 2.29	$ 2.21
Nov-21	2021	$ 2.33	$ 0.03	$ (0.04)	$ 2.36	$ 2.30
Dec-21	2021	$ 2.44	$ 0.04	$ (0.02)	$ 2.48	$ 2.42
Jan-22	2022	$ 2.46	$ 0.04	$ (0.02)	$ 2.50	$ 2.44
Feb-22	2022	$ 2.47	$ 0.04	$ (0.03)	$ 2.51	$ 2.44
Mar-22	2022	$ 2.48	$ (0.01)	$ (0.03)	$ 2.46	$ 2.45
Apr-22	2022	$ 2.50	$ (0.02)	$ (0.07)	$ 2.49	$ 2.43
May-22	2022	$ 2.52	$ 0.01	$ (0.07)	$ 2.52	$ 2.45
Jun-22	2022	$ 2.54	$ 0.03	$ (0.04)	$ 2.58	$ 2.50
Jul-22	2022	$ 2.61	$ 0.06	$ (0.02)	$ 2.67	$ 2.58
Aug-22	2022	$ 2.63	$ 0.07	$ (0.02)	$ 2.70	$ 2.62
Sep-22	2022	$ 2.63	$ 0.02	$ (0.05)	$ 2.65	$ 2.58
Oct-22	2022	$ 2.62	$ 0.02	$ (0.06)	$ 2.65	$ 2.56
Nov-22	2022	$ 2.70	$ 0.03	$ (0.03)	$ 2.74	$ 2.67
Dec-22	2022	$ 2.79	$ 0.04	$ (0.01)	$ 2.84	$ 2.78
Jan-23	2023	$ 2.81	$ 0.05	$ (0.02)	$ 2.86	$ 2.79
Feb-23	2023	$ 2.83	$ 0.05	$ (0.03)	$ 2.87	$ 2.79
Mar-23	2023	$ 2.77	$ (0.00)	$ (0.03)	$ 2.77	$ 2.74
Apr-23	2023	$ 2.73	$ (0.01)	$ (0.07)	$ 2.72	$ 2.66
May-23	2023	$ 2.75	$ 0.02	$ (0.06)	$ 2.76	$ 2.68
Jun-23	2023	$ 2.78	$ 0.04	$ (0.05)	$ 2.82	$ 2.73
Jul-23	2023	$ 2.87	$ 0.07	$ (0.04)	$ 2.94	$ 2.83
Aug-23	2023	$ 2.89	$ 0.08	$ (0.03)	$ 2.97	$ 2.87
Sep-23	2023	$ 2.87	$ 0.03	$ (0.05)	$ 2.90	$ 2.82
Oct-23	2023	$ 2.85	$ 0.03	$ (0.06)	$ 2.88	$ 2.79
Nov-23	2023	$ 3.01	$ 0.04	$ (0.05)	$ 3.05	$ 2.97
Dec-23	2023	$ 3.07	$ 0.05	$ (0.02)	$ 3.12	$ 3.05
Jan-24	2024	$ 3.10	$ 0.06	$ (0.03)	$ 3.15	$ 3.07
Feb-24	2024	$ 3.12	$ 0.05	$ (0.04)	$ 3.17	$ 3.07
Mar-24	2024	$ 3.10	$ (0.00)	$ (0.05)	$ 3.10	$ 3.06
Apr-24	2024	$ 3.08	$ (0.01)	$ (0.09)	$ 3.08	$ 3.00
May-24	2024	$ 3.10	$ 0.02	$ (0.08)	$ 3.12	$ 3.02
Jun-24	2024	$ 3.16	$ 0.05	$ (0.06)	$ 3.21	$ 3.10
Jul-24	2024	$ 3.27	$ 0.08	$ (0.04)	$ 3.34	$ 3.22
Aug-24	2024	$ 3.30	$ 0.08	$ (0.03)	$ 3.37	$ 3.27
Sep-24	2024	$ 3.26	$ 0.05	$ (0.06)	$ 3.31	$ 3.20
Oct-24	2024	$ 3.24	$ 0.04	$ (0.06)	$ 3.28	$ 3.18
Nov-24	2024	$ 3.37	$ 0.04	$ (0.05)	$ 3.42	$ 3.33
Dec-24	2024	$ 3.50	$ 0.06	$ (0.04)	$ 3.56	$ 3.46
Jan-25	2025	$ 3.52	$ 0.06	$ (0.03)	$ 3.58	$ 3.49
Feb-25	2025	$ 3.54	$ 0.06	$ (0.04)	$ 3.60	$ 3.50
Mar-25	2025	$ 3.48	$ (0.00)	$ (0.05)	$ 3.47	$ 3.43
Apr-25	2025	$ 3.42	$ (0.01)	$ (0.10)	$ 3.41	$ 3.33
May-25	2025	$ 3.44	$ 0.02	$ (0.09)	$ 3.46	$ 3.35
Jun-25	2025	$ 3.47	$ 0.05	$ (0.06)	$ 3.52	$ 3.41
Jul-25	2025	$ 3.65	$ 0.08	$ (0.04)	$ 3.73	$ 3.61
Aug-25	2025	$ 3.68	$ 0.08	$ (0.03)	$ 3.76	$ 3.66
Sep-25	2025	$ 3.37	$ 0.05	$ (0.06)	$ 3.41	$ 3.31
Oct-25	2025	$ 3.35	$ 0.04	$ (0.08)	$ 3.38	$ 3.27
Nov-25	2025	$ 3.44	$ 0.04	$ (0.07)	$ 3.48	$ 3.38
Dec-25	2025	$ 3.60	$ 0.05	$ (0.05)	$ 3.65	$ 3.55
Jan-26	2026	$ 3.62	$ 0.06	$ (0.05)	$ 3.68	$ 3.58
Feb-26	2026	$ 3.64	$ 0.05	$ (0.05)	$ 3.70	$ 3.59
Mar-26	2026	$ 3.56	$ (0.00)	$ (0.06)	$ 3.55	$ 3.50
Apr-26	2026	$ 3.50	$ (0.00)	$ (0.09)	$ 3.50	$ 3.41
May-26	2026	$ 3.52	$ 0.02	$ (0.09)	$ 3.54	$ 3.43
Jun-26	2026	$ 3.57	$ 0.05	$ (0.06)	$ 3.62	$ 3.51
Jul-26	2026	$ 3.82	$ 0.08	$ (0.04)	$ 3.90	$ 3.78
Aug-26	2026	$ 3.85	$ 0.08	$ (0.04)	$ 3.93	$ 3.81
Sep-26	2026	$ 3.70	$ 0.04	$ (0.06)	$ 3.74	$ 3.64
Oct-26	2026	$ 3.64	$ 0.03	$ (0.09)	$ 3.68	$ 3.55
Nov-26	2026	$ 3.70	$ 0.04	$ (0.06)	$ 3.74	$ 3.64
Dec-26	2026	$ 3.87	$ 0.05	$ (0.05)	$ 3.92	$ 3.82
Jan-27	2027	$ 3.89	$ 0.06	$ (0.04)	$ 3.95	$ 3.85
Feb-27	2027	$ 3.91	$ 0.06	$ (0.05)	$ 3.97	$ 3.86
Mar-27	2027	$ 3.85	$ (0.00)	$ (0.06)	$ 3.85	$ 3.79
Apr-27	2027	$ 3.71	$ (0.00)	$ (0.10)	$ 3.71	$ 3.62
May-27	2027	$ 3.74	$ 0.02	$ (0.10)	$ 3.76	$ 3.64
Jun-27	2027	$ 3.81	$ 0.05	$ (0.06)	$ 3.86	$ 3.75
Jul-27	2027	$ 4.10	$ 0.08	$ (0.04)	$ 4.17	$ 4.05
Aug-27	2027	$ 4.12	$ 0.08	$ (0.03)	$ 4.21	$ 4.09
Sep-27	2027	$ 4.08	$ 0.04	$ (0.07)	$ 4.12	$ 4.01
Oct-27	2027	$ 3.89	$ 0.04	$ (0.09)	$ 3.93	$ 3.80
Nov-27	2027	$ 3.95	$ 0.04	$ (0.06)	$ 4.00	$ 3.89
Dec-27	2027	$ 4.14	$ 0.05	$ (0.05)	$ 4.20	$ 4.10
Jan-28	2028	$ 4.17	$ 0.06	$ (0.03)	$ 4.23	$ 4.14
Feb-28	2028	$ 4.20	$ 0.05	$ (0.06)	$ 4.24	$ 4.14
Mar-28	2028	$ 4.10	$ (0.00)	$ (0.07)	$ 4.10	$ 4.03
Apr-28	2028	$ 4.07	$ (0.01)	$ (0.11)	$ 4.06	$ 3.96
May-28	2028	$ 4.10	$ 0.02	$ (0.10)	$ 4.12	$ 4.00
Jun-28	2028	$ 4.28	$ 0.06	$ (0.06)	$ 4.34	$ 4.22
Jul-28	2028	$ 4.27	$ 0.09	$ (0.04)	$ 4.37	$ 4.24
Aug-28	2028	$ 4.31	$ 0.09	$ (0.03)	$ 4.40	$ 4.28
Sep-28	2028	$ 4.35	$ 0.05	$ (0.06)	$ 4.40	$ 4.29
Oct-28	2028	$ 4.31	$ 0.04	$ (0.09)	$ 4.35	$ 4.22
Nov-28	2028	$ 4.35	$ 0.05	$ (0.07)	$ 4.40	$ 4.28
Dec-28	2028	$ 4.60	$ 0.05	$ (0.05)	$ 4.65	$ 4.54

ANNUAL ROLLUP --- CHECK AGAINST IHSM FILE

Year	Henry Hub	ANR SE	FGT Z3	TGP 800	SONAT LA	nion, South	TETCO M1	ANR ML7	TETCO M2	Transco Z3	Transco Z4	Transco Z5
2019	$ 2.47	$ 2.38	$ 2.48	$ 2.39	$ 2.43	$ 2.09	$ 2.36	$ 2.43	$ 2.09	$ 2.44	$ 2.46	$ 2.64
2020	$ 1.92	$ 1.82	$ 1.94	$ 1.84	$ 1.90	$ 1.59	$ 1.80	$ 1.79	$ 1.56	$ 1.90	$ 1.89	$ 1.99
2021	$ 2.23	$ 2.14	$ 2.26	$ 2.15	$ 2.21	$ 1.94	$ 2.12	$ 2.10	$ 1.93	$ 2.20	$ 2.19	$ 2.27
2022	$ 2.58	$ 2.49	$ 2.61	$ 2.49	$ 2.56	$ 2.25	$ 2.45	$ 2.43	$ 2.25	$ 2.55	$ 2.54	$ 2.61
2023	$ 2.85	$ 2.76	$ 2.89	$ 2.76	$ 2.84	$ 2.46	$ 2.71	$ 2.68	$ 2.35	$ 2.82	$ 2.81	$ 2.87
2024	$ 3.22	$ 3.11	$ 3.26	$ 3.11	$ 3.20	$ 2.76	$ 3.05	$ 3.03	$ 2.61	$ 3.19	$ 3.16	$ 3.22
2025	$ 3.50	$ 3.38	$ 3.54	$ 3.38	$ 3.49	$ 3.01	$ 3.33	$ 3.32	$ 2.80	$ 3.47	$ 3.44	$ 3.47
2026	$ 3.67	$ 3.53	$ 3.71	$ 3.54	$ 3.64	$ 3.11	$ 3.48	$ 3.48	$ 2.93	$ 3.64	$ 3.60	$ 3.63
2027	$ 3.93	$ 3.78	$ 3.98	$ 3.79	$ 3.91	$ 3.23	$ 3.73	$ 3.72	$ 3.14	$ 3.90	$ 3.87	$ 3.85
2028	$ 4.26	$ 4.09	$ 4.30	$ 4.12	$ 4.23	$ 3.38	$ 4.03	$ 4.02	$ 3.37	$ 4.23	$ 4.20	$ 4.12
2029	$ 4.53	$ 4.34	$ 4.58	$ 4.38	$ 4.48	$ 3.53	$ 4.28	$ 4.29	$ 3.62	$ 4.51	$ 4.47	$ 4.33
2030	$ 4.74	$ 4.55	$ 4.80	$ 4.59	$ 4.66	$ 4.02	$ 4.47	$ 4.47	$ 3.59	$ 4.73	$ 4.69	$ 4.66
2031	$ 5.01	$ 4.82	$ 5.08	$ 4.86	$ 4.94	$ 4.33	$ 4.74	$ 4.82	$ 4.14	$ 4.99	$ 4.94	$ 4.95
2032	$ 5.29	$ 5.10	$ 5.37	$ 5.15	$ 5.23	$ 4.64	$ 5.02	$ 5.07	$ 4.50	$ 5.27	$ 5.21	$ 5.26
2033	$ 5.27	$ 5.09	$ 5.34	$ 5.13	$ 5.20	$ 4.55	$ 5.00	$ 5.05	$ 4.51	$ 5.26	$ 5.19	$ 5.25
2034	$ 5.50	$ 5.32	$ 5.57	$ 5.36	$ 5.44	$ 4.69	$ 5.22	$ 5.30	$ 4.85	$ 5.49	$ 5.42	$ 5.48
2035	$ 5.71	$ 5.52	$ 5.78	$ 5.56	$ 5.63	$ 5.00	$ 5.42	$ 5.52	$ 5.07	$ 5.69	$ 5.62	$ 5.70
2036	$ 5.79	$ 5.60	$ 5.86	$ 5.64	$ 5.73	$ 5.16	$ 5.50	$ 5.59	$ 5.16	$ 5.77	$ 5.70	$ 5.79
2037	$ 6.18	$ 5.99	$ 6.26	$ 6.01	$ 6.12	$ 5.50	$ 5.88	$ 5.96	$ 5.40	$ 6.17	$ 6.09	$ 6.18
2038	$ 6.47	$ 6.26	$ 6.56	$ 6.28	$ 6.40	$ 5.76	$ 6.16	$ 6.23	$ 5.61	$ 6.47	$ 6.38	$ 6.43
2039	$ 6.60	$ 6.36	$ 6.68	$ 6.38	$ 6.53	$ 5.77	$ 6.26	$ 6.33	$ 5.67	$ 6.60	$ 6.50	$ 6.50
2040	$ 6.88	$ 6.63	$ 6.97	$ 6.65	$ 6.80	$ 6.11	$ 6.53	$ 6.60	$ 5.89	$ 6.88	$ 6.78	$ 6.81
2041	$ 7.11	$ 6.85	$ 7.21	$ 6.85	$ 7.03	$ 6.18	$ 6.76	$ 6.84	$ 6.14	$ 7.12	$ 7.01	$ 6.98
2042	$ 7.37	$ 7.10	$ 7.47	$ 7.10	$ 7.29	$ 6.39	$ 7.00	$ 7.07	$ 6.38	$ 7.38	$ 7.27	$ 7.23
2043	$ 7.56	$ 7.29	$ 7.65	$ 7.29	$ 7.49	$ 6.59	$ 7.18	$ 7.25	$ 6.63	$ 7.58	$ 7.42	$ 7.40
2044	$ 7.87	$ 7.59	$ 7.95	$ 7.59	$ 7.79	$ 7.01	$ 7.48	$ 7.54	$ 6.99	$ 7.88	$ 7.71	$ 7.76
2045	$ 8.30	$ 8.00	$ 8.39	$ 7.98	$ 8.25	$ 7.39	$ 7.91	$ 7.96	$ 7.27	$ 8.32	$ 8.14	$ 8.17
2046	$ 8.62	$ 8.30	$ 8.71	$ 8.29	$ 8.59	$ 7.65	$ 8.22	$ 8.26	$ 7.57	$ 8.65	$ 8.45	$ 8.44
2047	$ 8.76	$ 8.43	$ 8.85	$ 8.43	$ 8.72	$ 7.68	$ 8.35	$ 8.38	$ 7.72	$ 8.78	$ 8.59	$ 8.56
2048	$ 9.07	$ 8.73	$ 9.14	$ 8.73	$ 9.04	$ 7.90	$ 8.67	$ 8.67	$ 7.99	$ 9.10	$ 8.87	$ 8.83
2049	$ 9.30	$ 8.96	$ 9.36	$ 8.94	$ 9.26	$ 8.30	$ 8.90	$ 8.93	$ 8.26	$ 9.33	$ 9.09	$ 9.07
2050	$ 9.39	$ 9.04	$ 9.45	$ 9.01	$ 9.36	$ 8.32	$ 8.99	$ 8.98	$ 8.39	$ 9.41	$ 9.18	$ 9.13

CONFIDENTIAL

Jan-29	2029	$	4.64	$	0.08	$	(0.03)	$	4.72	$	4.61
Feb-29	2029	$	4.67	$	0.07	$	(0.05)	$	4.74	$	4.62
Mar-29	2029	$	4.45	$	0.01	$	(0.06)	$	4.46	$	4.39
Apr-29	2029	$	4.47	$	0.00	$	(0.11)	$	4.47	$	4.36
May-29	2029	$	4.53	$	0.03	$	(0.10)	$	4.56	$	4.43
Jun-29	2029	$	4.66	$	0.06	$	(0.07)	$	4.72	$	4.58
Jul-29	2029	$	4.39	$	0.09	$	(0.05)	$	4.48	$	4.34
Aug-29	2029	$	4.42	$	0.10	$	(0.03)	$	4.52	$	4.38
Sep-29	2029	$	4.54	$	0.05	$	(0.07)	$	4.59	$	4.46
Oct-29	2029	$	4.52	$	0.04	$	(0.10)	$	4.57	$	4.43
Nov-29	2029	$	4.43	$	0.06	$	(0.04)	$	4.49	$	4.39
Dec-29	2029	$	4.63	$	0.06	$	(0.04)	$	4.70	$	4.59
Jan-30	2030	$	4.67	$	0.08	$	(0.03)	$	4.74	$	4.64
Feb-30	2030	$	4.69	$	0.07	$	(0.04)	$	4.76	$	4.65
Mar-30	2030	$	4.58	$	0.00	$	(0.05)	$	4.59	$	4.53
Apr-30	2030	$	4.55	$	(0.01)	$	(0.12)	$	4.54	$	4.43
May-30	2030	$	4.58	$	0.03	$	(0.10)	$	4.61	$	4.48
Jun-30	2030	$	4.65	$	0.07	$	(0.05)	$	4.72	$	4.61
Jul-30	2030	$	4.98	$	0.10	$	(0.02)	$	5.09	$	4.96
Aug-30	2030	$	5.02	$	0.11	$	0.00	$	5.13	$	5.02
Sep-30	2030	$	4.95	$	0.06	$	(0.05)	$	5.00	$	4.89
Oct-30	2030	$	4.72	$	0.05	$	(0.08)	$	4.77	$	4.64
Nov-30	2030	$	4.64	$	0.06	$	(0.04)	$	4.69	$	4.59
Dec-30	2030	$	4.86	$	0.06	$	(0.04)	$	4.93	$	4.82
Jan-31	2031	$	4.89	$	0.10	$	(0.04)	$	4.99	$	4.85
Feb-31	2031	$	4.92	$	0.09	$	(0.05)	$	5.01	$	4.87
Mar-31	2031	$	4.83	$	0.02	$	(0.06)	$	4.84	$	4.76
Apr-31	2031	$	4.78	$	0.00	$	(0.13)	$	4.78	$	4.66
May-31	2031	$	4.81	$	0.06	$	(0.10)	$	4.87	$	4.71
Jun-31	2031	$	4.88	$	0.08	$	(0.06)	$	4.96	$	4.82
Jul-31	2031	$	5.21	$	0.12	$	(0.03)	$	5.33	$	5.17
Aug-31	2031	$	5.26	$	0.14	$	(0.04)	$	5.40	$	5.22
Sep-31	2031	$	5.16	$	0.09	$	(0.05)	$	5.25	$	5.11
Oct-31	2031	$	5.00	$	0.08	$	(0.08)	$	5.09	$	4.92
Nov-31	2031	$	5.07	$	0.07	$	(0.06)	$	5.14	$	5.01
Dec-31	2031	$	5.25	$	0.08	$	(0.05)	$	5.33	$	5.20
Jan-32	2032	$	5.28	$	0.11	$	(0.05)	$	5.39	$	5.23
Feb-32	2032	$	5.31	$	0.08	$	(0.06)	$	5.39	$	5.25
Mar-32	2032	$	5.29	$	0.05	$	(0.07)	$	5.34	$	5.22
Apr-32	2032	$	5.13	$	0.03	$	(0.13)	$	5.15	$	5.00
May-32	2032	$	5.16	$	0.07	$	(0.10)	$	5.22	$	5.05
Jun-32	2032	$	5.19	$	0.09	$	(0.06)	$	5.28	$	5.13
Jul-32	2032	$	5.33	$	0.14	$	(0.04)	$	5.47	$	5.29
Aug-32	2032	$	5.38	$	0.16	$	(0.03)	$	5.54	$	5.35
Sep-32	2032	$	5.30	$	0.09	$	(0.05)	$	5.39	$	5.25
Oct-32	2032	$	5.27	$	0.09	$	(0.08)	$	5.35	$	5.19
Nov-32	2032	$	5.39	$	0.05	$	(0.11)	$	5.44	$	5.28
Dec-32	2032	$	5.40	$	0.07	$	(0.08)	$	5.47	$	5.33
Jan-33	2033	$	5.14	$	0.09	$	(0.06)	$	5.23	$	5.07
Feb-33	2033	$	5.17	$	0.09	$	(0.07)	$	5.26	$	5.10
Mar-33	2033	$	5.12	$	0.02	$	(0.10)	$	5.14	$	5.02
Apr-33	2033	$	5.12	$	0.02	$	(0.14)	$	5.14	$	4.98
May-33	2033	$	5.15	$	0.03	$	(0.14)	$	5.19	$	5.02
Jun-33	2033	$	5.19	$	0.08	$	(0.08)	$	5.27	$	5.11
Jul-33	2033	$	5.35	$	0.12	$	(0.04)	$	5.47	$	5.31
Aug-33	2033	$	5.39	$	0.13	$	(0.02)	$	5.52	$	5.37
Sep-33	2033	$	5.32	$	0.07	$	(0.08)	$	5.39	$	5.25
Oct-33	2033	$	5.27	$	0.05	$	(0.12)	$	5.33	$	5.15
Nov-33	2033	$	5.43	$	0.03	$	(0.11)	$	5.46	$	5.32
Dec-33	2033	$	5.62	$	0.05	$	(0.08)	$	5.67	$	5.54
Jan-34	2034	$	5.66	$	0.08	$	(0.06)	$	5.74	$	5.59
Feb-34	2034	$	5.49	$	0.06	$	(0.07)	$	5.55	$	5.42
Mar-34	2034	$	5.34	$	(0.01)	$	(0.11)	$	5.33	$	5.23
Apr-34	2034	$	5.27	$	0.01	$	(0.13)	$	5.28	$	5.14
May-34	2034	$	5.31	$	0.04	$	(0.13)	$	5.35	$	5.17
Jun-34	2034	$	5.34	$	0.08	$	(0.08)	$	5.43	$	5.26
Jul-34	2034	$	5.60	$	0.12	$	(0.04)	$	5.72	$	5.55
Aug-34	2034	$	5.64	$	0.14	$	(0.02)	$	5.78	$	5.62
Sep-34	2034	$	5.53	$	0.07	$	(0.08)	$	5.61	$	5.46
Oct-34	2034	$	5.40	$	0.05	$	(0.13)	$	5.45	$	5.27
Nov-34	2034	$	5.63	$	0.03	$	(0.11)	$	5.67	$	5.52
Dec-34	2034	$	5.83	$	0.06	$	(0.07)	$	5.88	$	5.76
Jan-35	2035	$	5.87	$	0.09	$	(0.06)	$	5.96	$	5.81
Feb-35	2035	$	5.90	$	0.06	$	(0.07)	$	5.96	$	5.83
Mar-35	2035	$	5.72	$	0.02	$	(0.11)	$	5.74	$	5.61
Apr-35	2035	$	5.46	$	0.02	$	(0.14)	$	5.49	$	5.32
May-35	2035	$	5.50	$	0.05	$	(0.13)	$	5.54	$	5.36
Jun-35	2035	$	5.53	$	0.09	$	(0.08)	$	5.62	$	5.45
Jul-35	2035	$	5.82	$	0.13	$	(0.04)	$	5.95	$	5.78
Aug-35	2035	$	5.85	$	0.15	$	(0.03)	$	6.00	$	5.83
Sep-35	2035	$	5.76	$	0.07	$	(0.08)	$	5.83	$	5.68
Oct-35	2035	$	5.61	$	0.05	$	(0.13)	$	5.66	$	5.48
Nov-35	2035	$	5.66	$	0.03	$	(0.11)	$	5.69	$	5.55
Dec-35	2035	$	5.81	$	0.06	$	(0.07)	$	5.87	$	5.74
Jan-36	2036	$	5.85	$	0.09	$	(0.06)	$	5.94	$	5.79
Feb-36	2036	$	5.88	$	0.03	$	(0.08)	$	5.91	$	5.80
Mar-36	2036	$	5.78	$	0.02	$	(0.11)	$	5.80	$	5.67
Apr-36	2036	$	5.55	$	0.02	$	(0.14)	$	5.57	$	5.41
May-36	2036	$	5.59	$	0.05	$	(0.13)	$	5.64	$	5.45
Jun-36	2036	$	5.63	$	0.10	$	(0.08)	$	5.72	$	5.54
Jul-36	2036	$	5.79	$	0.13	$	(0.04)	$	5.93	$	5.75
Aug-36	2036	$	5.83	$	0.15	$	(0.03)	$	5.98	$	5.80
Sep-36	2036	$	5.81	$	0.09	$	(0.07)	$	5.90	$	5.73
Oct-36	2036	$	5.77	$	0.08	$	(0.12)	$	5.84	$	5.64
Nov-36	2036	$	5.85	$	0.05	$	(0.11)	$	5.90	$	5.74
Dec-36	2036	$	6.11	$	0.06	$	(0.07)	$	6.18	$	6.04
Jan-37	2037	$	6.16	$	0.11	$	(0.06)	$	6.27	$	6.10
Feb-37	2037	$	6.20	$	0.08	$	(0.07)	$	6.28	$	6.13
Mar-37	2037	$	6.11	$	0.02	$	(0.11)	$	6.13	$	5.99
Apr-37	2037	$	5.93	$	0.02	$	(0.14)	$	5.95	$	5.79
May-37	2037	$	5.97	$	0.05	$	(0.14)	$	6.02	$	5.83
Jun-37	2037	$	6.03	$	0.11	$	(0.08)	$	6.14	$	5.95
Jul-37	2037	$	6.29	$	0.15	$	(0.04)	$	6.43	$	6.25
Aug-37	2037	$	6.33	$	0.15	$	(0.03)	$	6.47	$	6.30
Sep-37	2037	$	6.24	$	0.10	$	(0.07)	$	6.34	$	6.17
Oct-37	2037	$	6.17	$	0.07	$	(0.14)	$	6.25	$	6.04
Nov-37	2037	$	6.25	$	0.05	$	(0.12)	$	6.30	$	6.13
Dec-37	2037	$	6.51	$	0.08	$	(0.07)	$	6.59	$	6.44
Jan-38	2038	$	6.55	$	0.11	$	(0.06)	$	6.66	$	6.49
Feb-38	2038	$	6.59	$	0.09	$	(0.08)	$	6.68	$	6.52
Mar-38	2038	$	6.49	$	0.03	$	(0.12)	$	6.52	$	6.37
Apr-38	2038	$	6.27	$	0.04	$	(0.14)	$	6.31	$	6.13
May-38	2038	$	6.31	$	0.06	$	(0.14)	$	6.37	$	6.17
Jun-38	2038	$	6.35	$	0.12	$	(0.08)	$	6.47	$	6.27
Jul-38	2038	$	6.53	$	0.15	$	(0.04)	$	6.69	$	6.49
Aug-38	2038	$	6.58	$	0.14	$	(0.04)	$	6.73	$	6.54
Sep-38	2038	$	6.43	$	0.10	$	(0.07)	$	6.54	$	6.36
Oct-38	2038	$	6.37	$	0.06	$	(0.14)	$	6.43	$	6.23
Nov-38	2038	$	6.47	$	0.07	$	(0.12)	$	6.55	$	6.35
Dec-38	2038	$	6.70	$	0.10	$	(0.07)	$	6.80	$	6.63
Jan-39	2039	$	6.75	$	0.12	$	(0.06)	$	6.87	$	6.68
Feb-39	2039	$	6.79	$	0.10	$	(0.07)	$	6.89	$	6.72
Mar-39	2039	$	6.63	$	0.03	$	(0.12)	$	6.66	$	6.51
Apr-39	2039	$	6.20	$	0.04	$	(0.15)	$	6.24	$	6.05
May-39	2039	$	6.24	$	0.05	$	(0.15)	$	6.29	$	6.09
Jun-39	2039	$	6.28	$	0.11	$	(0.09)	$	6.39	$	6.19
Jul-39	2039	$	6.34	$	0.13	$	(0.06)	$	6.47	$	6.28
Aug-39	2039	$	6.89	$	0.15	$	(0.05)	$	7.04	$	6.84

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Sep-39	2039	$	6.86	$	0.09	$	(0.08)	$	6.95	$	6.78
Oct-39	2039	$	6.60	$	0.08	$	(0.14)	$	6.69	$	6.46
Nov-39	2039	$	6.68	$	0.06	$	(0.12)	$	6.74	$	6.56
Dec-39	2039	$	6.88	$	0.09	$	(0.09)	$	6.97	$	6.80
Jan-40	2040	$	6.93	$	0.10	$	(0.07)	$	7.02	$	6.86
Feb-40	2040	$	6.96	$	0.06	$	(0.11)	$	7.02	$	6.85
Mar-40	2040	$	6.85	$	0.03	$	(0.12)	$	6.88	$	6.72
Apr-40	2040	$	6.62	$	0.01	$	(0.15)	$	6.63	$	6.47
May-40	2040	$	6.66	$	0.06	$	(0.15)	$	6.72	$	6.51
Jun-40	2040	$	6.72	$	0.11	$	(0.10)	$	6.82	$	6.62
Jul-40	2040	$	6.96	$	0.14	$	(0.05)	$	7.11	$	6.91
Aug-40	2040	$	7.01	$	0.15	$	(0.04)	$	7.16	$	6.97
Sep-40	2040	$	6.99	$	0.10	$	(0.08)	$	7.09	$	6.91
Oct-40	2040	$	6.83	$	0.09	$	(0.15)	$	6.92	$	6.68
Nov-40	2040	$	6.91	$	0.07	$	(0.13)	$	6.98	$	6.78
Dec-40	2040	$	7.14	$	0.11	$	(0.07)	$	7.25	$	7.07
Jan-41	2041	$	7.19	$	0.11	$	(0.06)	$	7.30	$	7.12
Feb-41	2041	$	7.21	$	0.08	$	(0.09)	$	7.30	$	7.12
Mar-41	2041	$	7.06	$	0.04	$	(0.13)	$	7.10	$	6.93
Apr-41	2041	$	6.80	$	0.05	$	(0.15)	$	6.85	$	6.65
May-41	2041	$	6.84	$	0.06	$	(0.15)	$	6.90	$	6.69
Jun-41	2041	$	6.92	$	0.12	$	(0.09)	$	7.04	$	6.83
Jul-41	2041	$	7.22	$	0.17	$	(0.04)	$	7.39	$	7.18
Aug-41	2041	$	7.26	$	0.16	$	(0.03)	$	7.42	$	7.24
Sep-41	2041	$	7.27	$	0.12	$	(0.08)	$	7.38	$	7.19
Oct-41	2041	$	7.03	$	0.06	$	(0.16)	$	7.09	$	6.87
Nov-41	2041	$	7.16	$	0.08	$	(0.13)	$	7.23	$	7.03
Dec-41	2041	$	7.36	$	0.13	$	(0.06)	$	7.49	$	7.30
Jan-42	2042	$	7.40	$	0.12	$	(0.05)	$	7.52	$	7.35
Feb-42	2042	$	7.43	$	0.09	$	(0.09)	$	7.52	$	7.35
Mar-42	2042	$	7.28	$	0.03	$	(0.14)	$	7.31	$	7.14
Apr-42	2042	$	7.07	$	0.05	$	(0.16)	$	7.12	$	6.91
May-42	2042	$	7.12	$	0.06	$	(0.16)	$	7.18	$	6.96
Jun-42	2042	$	7.18	$	0.13	$	(0.08)	$	7.32	$	7.10
Jul-42	2042	$	7.55	$	0.17	$	(0.05)	$	7.72	$	7.51
Aug-42	2042	$	7.60	$	0.17	$	(0.01)	$	7.77	$	7.59
Sep-42	2042	$	7.57	$	0.12	$	(0.07)	$	7.69	$	7.50
Oct-42	2042	$	7.31	$	0.08	$	(0.15)	$	7.39	$	7.16
Nov-42	2042	$	7.35	$	0.07	$	(0.14)	$	7.43	$	7.22
Dec-42	2042	$	7.59	$	0.10	$	(0.13)	$	7.69	$	7.46
Jan-43	2043	$	7.63	$	0.10	$	(0.10)	$	7.74	$	7.53
Feb-43	2043	$	7.66	$	0.06	$	(0.15)	$	7.71	$	7.50
Mar-43	2043	$	7.51	$	0.04	$	(0.14)	$	7.54	$	7.37
Apr-43	2043	$	7.25	$	0.03	$	(0.19)	$	7.27	$	7.05
May-43	2043	$	7.29	$	0.05	$	(0.19)	$	7.34	$	7.10
Jun-43	2043	$	7.35	$	0.11	$	(0.16)	$	7.45	$	7.19
Jul-43	2043	$	7.70	$	0.16	$	(0.08)	$	7.87	$	7.63
Aug-43	2043	$	7.75	$	0.16	$	(0.06)	$	7.91	$	7.69
Sep-43	2043	$	7.78	$	0.09	$	(0.17)	$	7.87	$	7.61
Oct-43	2043	$	7.49	$	0.08	$	(0.17)	$	7.56	$	7.32
Nov-43	2043	$	7.55	$	0.07	$	(0.16)	$	7.62	$	7.39
Dec-43	2043	$	7.80	$	0.10	$	(0.14)	$	7.89	$	7.65
Jan-44	2044	$	7.84	$	0.10	$	(0.12)	$	7.94	$	7.72
Feb-44	2044	$	7.88	$	0.06	$	(0.16)	$	7.94	$	7.72
Mar-44	2044	$	7.71	$	0.03	$	(0.16)	$	7.74	$	7.55
Apr-44	2044	$	7.57	$	0.03	$	(0.21)	$	7.60	$	7.36
May-44	2044	$	7.62	$	0.04	$	(0.22)	$	7.65	$	7.40
Jun-44	2044	$	7.66	$	0.11	$	(0.17)	$	7.77	$	7.49
Jul-44	2044	$	8.01	$	0.16	$	(0.08)	$	8.17	$	7.93
Aug-44	2044	$	8.06	$	0.16	$	(0.06)	$	8.22	$	8.00
Sep-44	2044	$	8.05	$	0.08	$	(0.19)	$	8.13	$	7.85
Oct-44	2044	$	7.84	$	0.05	$	(0.22)	$	7.89	$	7.63
Nov-44	2044	$	7.97	$	0.06	$	(0.18)	$	8.03	$	7.78
Dec-44	2044	$	8.21	$	0.10	$	(0.15)	$	8.31	$	8.06
Jan-45	2045	$	8.26	$	0.11	$	(0.12)	$	8.37	$	8.14
Feb-45	2045	$	8.31	$	0.06	$	(0.17)	$	8.37	$	8.14
Mar-45	2045	$	8.18	$	0.03	$	(0.16)	$	8.21	$	8.01
Apr-45	2045	$	7.99	$	0.03	$	(0.23)	$	8.01	$	7.76
May-45	2045	$	8.03	$	0.04	$	(0.22)	$	8.07	$	7.81
Jun-45	2045	$	8.08	$	0.11	$	(0.17)	$	8.19	$	7.91
Jul-45	2045	$	8.45	$	0.16	$	(0.09)	$	8.61	$	8.36
Aug-45	2045	$	8.51	$	0.17	$	(0.06)	$	8.68	$	8.44
Sep-45	2045	$	8.52	$	0.08	$	(0.20)	$	8.61	$	8.32
Oct-45	2045	$	8.27	$	0.06	$	(0.22)	$	8.33	$	8.05
Nov-45	2045	$	8.40	$	0.06	$	(0.19)	$	8.46	$	8.21
Dec-45	2045	$	8.65	$	0.10	$	(0.16)	$	8.75	$	8.49
Jan-46	2046	$	8.70	$	0.11	$	(0.11)	$	8.82	$	8.59
Feb-46	2046	$	8.73	$	0.06	$	(0.17)	$	8.79	$	8.56
Mar-46	2046	$	8.53	$	0.02	$	(0.19)	$	8.55	$	8.34
Apr-46	2046	$	8.29	$	0.02	$	(0.24)	$	8.31	$	8.05
May-46	2046	$	8.32	$	0.04	$	(0.23)	$	8.37	$	8.10
Jun-46	2046	$	8.37	$	0.11	$	(0.18)	$	8.48	$	8.20
Jul-46	2046	$	8.80	$	0.16	$	(0.10)	$	8.96	$	8.70
Aug-46	2046	$	8.86	$	0.18	$	(0.06)	$	9.03	$	8.80
Sep-46	2046	$	8.83	$	0.08	$	(0.20)	$	8.91	$	8.63
Oct-46	2046	$	8.55	$	0.06	$	(0.22)	$	8.61	$	8.33
Nov-46	2046	$	8.63	$	0.06	$	(0.19)	$	8.69	$	8.43
Dec-46	2046	$	8.85	$	0.10	$	(0.15)	$	8.96	$	8.70
Jan-47	2047	$	8.91	$	0.13	$	(0.10)	$	9.03	$	8.80
Feb-47	2047	$	8.92	$	0.06	$	(0.19)	$	8.98	$	8.73
Mar-47	2047	$	8.60	$	0.02	$	(0.21)	$	8.62	$	8.39
Apr-47	2047	$	8.40	$	0.02	$	(0.25)	$	8.43	$	8.15
May-47	2047	$	8.44	$	0.04	$	(0.24)	$	8.48	$	8.19
Jun-47	2047	$	8.49	$	0.12	$	(0.15)	$	8.61	$	8.33
Jul-47	2047	$	8.90	$	0.16	$	(0.09)	$	9.07	$	8.81
Aug-47	2047	$	8.96	$	0.18	$	(0.05)	$	9.14	$	8.90
Sep-47	2047	$	8.95	$	0.09	$	(0.17)	$	9.04	$	8.79
Oct-47	2047	$	8.79	$	0.05	$	(0.23)	$	8.85	$	8.56
Nov-47	2047	$	8.87	$	0.05	$	(0.23)	$	8.92	$	8.64
Dec-47	2047	$	8.91	$	0.09	$	(0.18)	$	9.00	$	8.73
Jan-48	2048	$	8.96	$	0.11	$	(0.12)	$	9.07	$	8.84
Feb-48	2048	$	9.00	$	0.04	$	(0.21)	$	9.04	$	8.79
Mar-48	2048	$	8.80	$	0.01	$	(0.23)	$	8.81	$	8.57
Apr-48	2048	$	8.67	$	0.02	$	(0.26)	$	8.69	$	8.41
May-48	2048	$	8.72	$	0.03	$	(0.25)	$	8.75	$	8.47
Jun-48	2048	$	8.81	$	0.10	$	(0.19)	$	8.91	$	8.63
Jul-48	2048	$	9.34	$	0.14	$	(0.13)	$	9.48	$	9.22
Aug-48	2048	$	9.41	$	0.18	$	(0.06)	$	9.59	$	9.35
Sep-48	2048	$	9.43	$	0.07	$	(0.20)	$	9.50	$	9.23
Oct-48	2048	$	9.04	$	0.06	$	(0.25)	$	9.10	$	8.79
Nov-48	2048	$	9.18	$	0.05	$	(0.24)	$	9.23	$	8.94
Dec-48	2048	$	9.45	$	0.06	$	(0.22)	$	9.51	$	9.23
Jan-49	2049	$	9.50	$	0.08	$	(0.18)	$	9.59	$	9.32
Feb-49	2049	$	9.51	$	0.03	$	(0.23)	$	9.54	$	9.28
Mar-49	2049	$	9.45	$	0.01	$	(0.23)	$	9.46	$	9.22
Apr-49	2049	$	9.35	$	0.02	$	(0.26)	$	9.36	$	9.09
May-49	2049	$	8.99	$	0.03	$	(0.25)	$	9.02	$	8.74
Jun-49	2049	$	9.04	$	0.09	$	(0.21)	$	9.13	$	8.83
Jul-49	2049	$	9.26	$	0.12	$	(0.15)	$	9.38	$	9.11
Aug-49	2049	$	9.31	$	0.15	$	(0.13)	$	9.46	$	9.18
Sep-49	2049	$	9.14	$	0.07	$	(0.19)	$	9.21	$	8.95
Oct-49	2049	$	8.98	$	0.06	$	(0.24)	$	9.03	$	8.73
Nov-49	2049	$	9.32	$	0.05	$	(0.24)	$	9.37	$	9.08
Dec-49	2049	$	9.70	$	0.06	$	(0.22)	$	9.76	$	9.49
Jan-50	2050	$	9.76	$	0.09	$	(0.17)	$	9.84	$	9.58
Feb-50	2050	$	9.78	$	0.03	$	(0.23)	$	9.82	$	9.55
Mar-50	2050	$	9.49	$	0.01	$	(0.23)	$	9.49	$	9.26
Apr-50	2050	$	9.02	$	0.02	$	(0.26)	$	9.04	$	8.76

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May-50	2050	$	9.06	$	0.03	$	(0.25)	$	9.09	$	8.81
Jun-50	2050	$	9.11	$	0.10	$	(0.20)	$	9.20	$	8.91
Jul-50	2050	$	9.39	$	0.12	$	(0.15)	$	9.52	$	9.24
Aug-50	2050	$	9.45	$	0.16	$	(0.12)	$	9.61	$	9.33
Sep-50	2050	$	9.42	$	0.07	$	(0.19)	$	9.50	$	9.23
Oct-50	2050	$	9.12	$	0.06	$	(0.23)	$	9.18	$	8.89
Nov-50	2050	$	9.37	$	0.05	$	(0.24)	$	9.42	$	9.13
Dec-50	2050	$	9.68	$	0.07	$	(0.21)	$	9.75	$	9.47

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MMBtu = Dt

MMBtu (000)

Plant	Unit	2019	2020	2021	2022	2023
ANCLOTE	1	5,725,519.967	5,057,647.146	6,204,051.752	8,448,913.808	6,721,040.467
ANCLOTE	2	3,993,127.573	3,120,861.778	4,906,149.624	2,223,286.471	1,894,315.903
ANCLOTE	*Total*	***9,718,647.540***	***8,178,508.925***	***11,110,201.376***	***10,672,200.279***	***8,615,356.370***
AVON PK	P 1	.000	.000	.000	.000	.000
AVON PK	*Total*	***.000***	***.000***	***.000***	***.000***	***.000***
BARTOW	CC1	23,157,747.439	55,794,749.663	55,348,300.707	55,109,823.646	54,944,546.049
BARTOW	P 2	3,892.042	7,025.668	5,986.380	6,468.973	6,811.767
BARTOW	P 4	5,830.031	8,417.662	8,363.979	9,641.229	6,299.716
BARTOW	*Total*	***23,167,469.511***	***55,810,192.992***	***55,362,651.065***	***55,125,933.849***	***54,957,657.532***
Citrus CC #1	1	20,678,864.852	41,415,942.741	41,309,760.894	41,496,989.884	41,471,709.073
Citrus CC #1	*Total*	***20,678,864.852***	***41,415,942.741***	***41,309,760.894***	***41,496,989.884***	***41,471,709.073***
Citrus CC #2	1	20,526,481.161	41,341,557.256	41,574,498.947	41,336,340.197	41,514,692.387
Citrus CC #2	*Total*	***20,526,481.161***	***41,341,557.256***	***41,574,498.947***	***41,336,340.197***	***41,514,692.387***
DEBARY	P 7	269,390.385	360,105.282	374,198.701	475,267.146	470,704.634
DEBARY	P 8	160,350.261	190,118.447	186,923.627	234,503.817	191,787.853
DEBARY	P 9	328,047.299	441,791.553	545,985.617	582,987.413	614,755.194
DEBARY	*Total*	***757,787.945***	***992,015.282***	***1,107,107.946***	***1,292,758.376***	***1,277,247.681***
HIGGINS	P 1	0.000	0.000	0.000	0.000	0.000
HIGGINS	P 2	904.703	1,050.310	0.000	0.000	0.000
HIGGINS	P 3	4,437.949	4,049.245	0.000	0.000	0.000
HIGGINS	P 4	5,398.830	4,992.561	0.000	0.000	0.000
HIGGINS	*Total*	***10,741.481***	***10,092.116***	***.000***	***.000***	***.000***
HINES	1	12,676,475.855	22,277,822.109	21,765,706.117	23,089,199.097	22,864,999.481
HINES	2	12,179,056.870	21,090,125.016	22,047,818.960	20,563,455.713	22,347,448.592
HINES	3	11,069,071.225	23,568,446.242	20,918,240.431	23,246,826.556	23,217,632.190
HINES	4	11,820,825.918	25,341,724.876	26,883,761.652	24,859,943.901	24,564,743.041
HINES	*Total*	***47,745,429.868***	***92,278,118.243***	***91,615,527.161***	***91,759,425.267***	***92,994,823.305***
INT CITY	P 7	124,440.073	121,793.566	126,356.043	138,774.686	136,269.017
INT CITY	P 8	210,789.836	260,365.053	315,709.987	334,336.389	297,680.610
INT CITY	P 9	216,916.865	266,450.466	318,494.417	252,301.309	344,891.640
INT CITY	P10	119,334.821	125,907.311	91,750.140	145,585.394	132,809.890
INT CITY	P12	22,514.713	27,163.780	42,155.279	43,384.841	40,278.127
INT CITY	P13	62,379.893	62,027.291	44,430.899	59,687.655	52,717.012
INT CITY	P14	10,755.056	18,022.529	23,049.699	22,516.202	15,079.727
INT CITY	*Total*	***767,131.256***	***881,729.996***	***961,946.465***	***996,586.477***	***1,019,726.023***
Osprey 2017	1	12,112,151.229	13,600,566.130	11,407,637.240	11,442,740.440	11,243,453.190
Osprey 2017	*Total*	***12,112,151.229***	***13,600,566.130***	***11,407,637.240***	***11,442,740.440***	***11,243,453.190***
Osprey PPA		.000	.000	.000	.000	.000
Osprey PPA	*Total*	***.000***	***.000***	***.000***	***.000***	***.000***
Shady Hills	1	1,248,676.277	1,028,608.323	1,732,052.434	1,961,818.091	1,939,198.606
Shady Hills	2	1,301,016.042	1,060,593.146	1,888,539.527	2,213,353.854	2,043,555.050
Shady Hills	3	1,395,505.498	1,151,769.883	1,798,265.840	2,015,087.688	1,953,103.810
Shady Hills	*Total*	***3,945,197.818***	***3,240,971.351***	***5,418,857.801***	***6,190,259.633***	***5,935,857.466***
SUWANNEE	1	.000	.000	.000	.000	.000
SUWANNEE	2	.000	.000	.000	.000	.000
SUWANNEE	3	.000	.000	.000	.000	.000
SUWANNEE	P 1	123,629.808	182,701.577	234,113.811	235,450.154	237,939.708
SUWANNEE	P 3	135,848.367	223,660.381	249,518.268	283,623.349	271,915.862
SUWANNEE	*Total*	***259,478.175***	***406,361.959***	***483,632.079***	***519,073.503***	***509,855.569***
TIGERBAY	1	4,295,906.643	6,328,843.964	6,767,734.546	7,138,022.829	6,433,670.738
TIGERBAY	*Total*	***4,295,906.643***	***6,328,843.964***	***6,767,734.546***	***7,138,022.829***	***6,433,670.738***
U OF FL	P 1	1,641,841.291	2,912,322.316	3,266,074.538	3,266,700.778	3,266,039.851
U OF FL	*Total*	***1,641,841.291***	***2,912,322.316***	***3,266,074.538***	***3,266,700.778***	***3,266,039.851***
Vandolah (NSG)	1	187,362.334	221,784.676	263,300.783	352,410.271	297,840.652
Vandolah (NSG)	2	186,363.911	249,792.142	301,630.904	394,291.197	297,000.280
Vandolah (NSG)	3	190,672.401	229,393.647	317,779.248	372,806.384	316,043.236
Vandolah (NSG)	4	223,240.821	294,660.535	320,464.557	382,482.946	338,576.134
Vandolah (NSG)	*Total*	***787,639.466***	***995,631.000***	***1,203,175.492***	***1,501,990.797***	***1,249,460.302***
TOTAL		**146,414,768.235**	**268,392,854.271**	**271,588,805.550**	**272,739,022.309**	**270,489,549.487**

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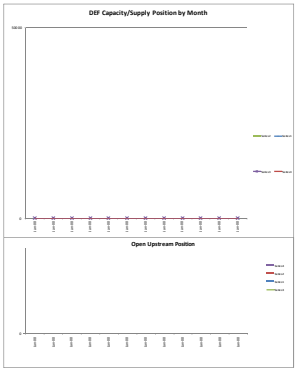
DEF August 2019 FSP (published 8/19/19) | 2019 Spring Construction and Fuel Forecast (published 7/30/19)



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DEP GAS TRANSPORTATION SCHEDULES

updated 6/26/19

FT CAPACITY

(MMBTU/d/D)

FT DEMAND RATES

($/MMBTU/D)

Non-Executed - Subject to Change Exhibits

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DEF NATURAL GAS DISPATCH PRICES

Month	Year	Base HH Regular Supply Cost	Physical Basis FGT Z3	Base Cost Regular Supply Z3	Cypress MMBTU Variable Cost	Cypress Variable MMBTU Delivered Costs
Jan	2019	3.110	$ (0.046)	$ 3.064	$0.12	3.19
Feb	2019	2.690	$ (0.019)	$ 2.671	$0.12	2.79
Mar	2019	2.950	$ (0.003)	$ 2.947	$0.12	3.07
Apr	2019	2.650	$ (0.001)	$ 2.649	$0.12	2.77
May	2019	2.640	$ 0.005	$ 2.645	$0.12	2.76
Jun	2019	2.400	$ 0.037	$ 2.437	$0.12	2.55
Jul	2019	2.370	$ 0.048	$ 2.418	$0.12	2.53
Aug	2019	2.220	$ 0.056	$ 2.276	$0.11	2.39
Sep	2019	2.560	$ 0.016	$ 2.576	$0.12	2.69
Oct	2019	2.743	$ 0.010	$ 2.753	$0.12	2.87
Nov	2019	2.303	$ 0.012	$ 2.315	$0.11	2.43
Dec	2019	2.495	$ 0.023	$ 2.518	$0.12	2.63
Jan	2020	2.612	$ 0.035	$ 2.647	$0.12	2.77
Feb	2020	2.575	$ 0.024	$ 2.599	$0.12	2.72
Mar	2020	2.462	$ (0.020)	$ 2.442	$0.12	2.56
Apr	2020	2.247	$ (0.019)	$ 2.228	$0.11	2.34
May	2020	2.234	$ 0.005	$ 2.239	$0.11	2.35
Jun	2020	2.278	$ 0.026	$ 2.304	$0.11	2.42
Jul	2020	2.326	$ 0.048	$ 2.374	$0.11	2.49
Aug	2020	2.335	$ 0.055	$ 2.390	$0.11	2.50
Sep	2020	2.318	$ 0.012	$ 2.330	$0.11	2.44
Oct	2020	2.344	$ 0.016	$ 2.360	$0.11	2.47
Nov	2020	2.409	$ 0.025	$ 2.434	$0.12	2.55
Dec	2020	2.578	$ 0.034	$ 2.612	$0.12	2.73
Jan	2021	2.700	$ 0.038	$ 2.738	$0.12	2.86
Feb	2021	2.661	$ 0.033	$ 2.694	$0.12	2.81
Mar	2021	2.548	$ (0.015)	$ 2.533	$0.12	2.65
Apr	2021	2.284	$ (0.021)	$ 2.263	$0.11	2.38
May	2021	2.260	$ 0.005	$ 2.265	$0.11	2.38
Jun	2021	2.294	$ 0.025	$ 2.319	$0.11	2.43
Jul	2021	2.332	$ 0.047	$ 2.379	$0.11	2.49
Aug	2021	2.339	$ 0.058	$ 2.397	$0.11	2.51
Sep	2021	2.328	$ 0.011	$ 2.339	$0.11	2.45
Oct	2021	2.354	$ 0.018	$ 2.372	$0.11	2.49
Nov	2021	2.424	$ 0.027	$ 2.451	$0.12	2.57
Dec	2021	2.603	$ 0.038	$ 2.641	$0.12	2.76
Jan	2022	2.729	$ 0.041	$ 2.770	$0.12	2.89
Feb	2022	2.702	$ 0.036	$ 2.738	$0.12	2.86
Mar	2022	2.595	$ (0.013)	$ 2.582	$0.12	2.70
Apr	2022	2.340	$ (0.016)	$ 2.324	$0.11	2.44
May	2022	2.324	$ 0.007	$ 2.331	$0.11	2.45
Jun	2022	2.359	$ 0.034	$ 2.393	$0.11	2.51
Jul	2022	2.399	$ 0.059	$ 2.458	$0.12	2.57
Aug	2022	2.411	$ 0.066	$ 2.477	$0.12	2.59
Sep	2022	2.404	$ 0.021	$ 2.425	$0.12	2.54
Oct	2022	2.430	$ 0.024	$ 2.454	$0.12	2.57
Nov	2022	2.492	$ 0.034	$ 2.526	$0.12	2.64
Dec	2022	2.674	$ 0.044	$ 2.718	$0.12	2.84
Jan	2023	2.799	$ 0.052	$ 2.851	$0.12	2.97
Feb	2023	2.767	$ 0.047	$ 2.814	$0.12	2.93
Mar	2023	2.656	$ (0.003)	$ 2.653	$0.12	2.77
Apr	2023	2.401	$ (0.008)	$ 2.393	$0.11	2.51
May	2023	2.385	$ 0.016	$ 2.401	$0.11	2.52
Jun	2023	2.426	$ 0.042	$ 2.468	$0.12	2.58
Jul	2023	2.466	$ 0.068	$ 2.534	$0.12	2.65
Aug	2023	2.481	$ 0.076	$ 2.557	$0.12	2.67
Sep	2023	2.476	$ 0.029	$ 2.505	$0.12	2.62
Oct	2023	2.505	$ 0.030	$ 2.535	$0.12	2.65
Nov	2023	2.580	$ 0.037	$ 2.617	$0.12	2.73
Dec	2023	2.760	$ 0.053	$ 2.813	$0.12	2.93
Jan	2024	2.889	$ 0.058	$ 2.947	$0.12	3.07
Feb	2024	2.866	$ 0.050	$ 2.915	$0.12	3.04
Mar	2024	2.760	$ (0.002)	$ 2.758	$0.12	2.88
Apr	2024	2.534	$ (0.007)	$ 2.527	$0.12	2.64
May	2024	2.531	$ 0.017	$ 2.548	$0.12	2.66
Jun	2024	2.573	$ 0.046	$ 2.619	$0.12	2.74
Jul	2024	2.623	$ 0.077	$ 2.700	$0.12	2.82
Aug	2024	2.644	$ 0.077	$ 2.722	$0.12	2.84
Sep	2024	2.646	$ 0.047	$ 2.693	$0.12	2.81
Oct	2024	2.672	$ 0.040	$ 2.713	$0.12	2.83
Nov	2024	2.758	$ 0.044	$ 2.802	$0.12	2.92
Dec	2024	2.940	$ 0.056	$ 2.996	$0.12	3.12
Jan	2025	3.054	$ 0.061	$ 3.115	$0.12	3.24
Feb	2025	3.048	$ 0.055	$ 3.103	$0.12	3.23
Mar	2025	2.970	$ (0.001)	$ 2.969	$0.12	3.09
Apr	2025	2.799	$ (0.011)	$ 2.789	$0.12	2.91
May	2025	2.811	$ 0.016	$ 2.826	$0.12	2.95
Jun	2025	2.854	$ 0.054	$ 2.908	$0.12	3.03
Jul	2025	2.948	$ 0.078	$ 3.027	$0.12	3.15
Aug	2025	2.980	$ 0.078	$ 3.058	$0.12	3.18
Sep	2025	2.883	$ 0.045	$ 2.928	$0.12	3.05
Oct	2025	2.903	$ 0.035	$ 2.938	$0.12	3.06
Nov	2025	2.990	$ 0.036	$ 3.026	$0.12	3.15
Dec	2025	3.163	$ 0.051	$ 3.214	$0.13	3.34
Jan	2026	3.255	$ 0.057	$ 3.311	$0.13	3.44
Feb	2026	3.255	$ 0.053	$ 3.308	$0.13	3.43
Mar	2026	3.176	$ (0.003)	$ 3.172	$0.13	3.30
Apr	2026	3.042	$ (0.001)	$ 3.041	$0.12	3.16
May	2026	3.061	$ 0.022	$ 3.083	$0.12	3.21
Jun	2026	3.116	$ 0.053	$ 3.169	$0.13	3.29
Jul	2026	3.276	$ 0.077	$ 3.353	$0.13	3.48
Aug	2026	3.318	$ 0.078	$ 3.396	$0.13	3.52
Sep	2026	3.252	$ 0.041	$ 3.293	$0.13	3.42
Oct	2026	3.247	$ 0.034	$ 3.280	$0.13	3.41
Nov	2026	3.322	$ 0.042	$ 3.364	$0.13	3.49

FGT + SONAT (Cypress)			
Current Yr	2019	√	DJ 10/11
Fuel Retention	1.29%		
100%-B	98.71%		
Total Variable	0.0836		
Esc%	100.00%	√	DJ 10/11

FGT Cypress			
Fuel Retention	0.75%	√	DJ 10/11
Usage Rate	0.0156	√	DJ 10/11
ACA	0.0013	√	DJ 10/11
UFS	0.0364	√	DJ 10/11
FGT Cypress Variable	0.0533		

SONAT Cypress			
Current Yr	2019	√	
Fuel Retention	0.54%	√	DJ 10/11
100%-B	99.46%		
Total Variable	0.0303		DJ 10/11
Esc%	2.50%	√	DJ 10/11
Variable			
Usage Rate	0.0290	√	DJ 10/11
ACA	0.0013	√	DJ 10/11
SG Surcharge	0.0000	√	DJ 10/11
SONAT Cypress Variable	0.0303		

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Dec	2026	3.506	$ 0.054	$	3.559	$0.13	3.69
Jan	2027	3.583	$ 0.062	$	3.645	$0.13	3.78
Feb	2027	3.604	$ 0.057	$	3.661	$0.13	3.79
Mar	2027	3.551	$ (0.002)	$	3.549	$0.13	3.68
Apr	2027	3.396	$ (0.002)	$	3.394	$0.13	3.52
May	2027	3.424	$ 0.021	$	3.445	$0.13	3.57
Jun	2027	3.498	$ 0.051	$	3.549	$0.13	3.68
Jul	2027	3.731	$ 0.079	$	3.809	$0.13	3.94
Aug	2027	3.778	$ 0.082	$	3.860	$0.13	3.99
Sep	2027	3.768	$ 0.043	$	3.812	$0.13	3.95
Oct	2027	3.651	$ 0.038	$	3.690	$0.13	3.82
Nov	2027	3.730	$ 0.043	$	3.773	$0.13	3.91
Dec	2027	3.930	$ 0.054	$	3.984	$0.14	4.12
Jan	2028	3.993	$ 0.063	$	4.056	$0.14	4.19
Feb	2028	4.025	$ 0.047	$	4.072	$0.14	4.21
Mar	2028	3.948	$ (0.002)	$	3.946	$0.14	4.08
Apr	2028	3.907	$ (0.006)	$	3.900	$0.13	4.03
May	2028	3.947	$ 0.024	$	3.971	$0.14	4.11
Jun	2028	4.139	$ 0.059	$	4.198	$0.14	4.34
Jul	2028	4.159	$ 0.091	$	4.250	$0.14	4.39
Aug	2028	4.214	$ 0.089	$	4.304	$0.14	4.44
Sep	2028	4.278	$ 0.048	$	4.325	$0.14	4.47
Oct	2028	4.263	$ 0.044	$	4.307	$0.14	4.45
Nov	2028	4.329	$ 0.046	$	4.375	$0.14	4.52
Dec	2028	4.599	$ 0.054	$	4.653	$0.14	4.80
Jan	2029	4.640	$ 0.075	$	4.716	$0.15	4.86
Feb	2029	4.669	$ 0.068	$	4.737	$0.15	4.88
Mar	2029	4.455	$ 0.007	$	4.462	$0.14	4.60
Apr	2029	4.470	$ 0.002	$	4.472	$0.14	4.61
May	2029	4.534	$ 0.027	$	4.561	$0.14	4.70
Jun	2029	4.657	$ 0.062	$	4.719	$0.15	4.86
Jul	2029	4.385	$ 0.091	$	4.476	$0.14	4.62
Aug	2029	4.417	$ 0.098	$	4.516	$0.14	4.66
Sep	2029	4.535	$ 0.053	$	4.588	$0.14	4.73
Oct	2029	4.525	$ 0.040	$	4.565	$0.14	4.71
Nov	2029	4.430	$ 0.063	$	4.492	$0.14	4.63
Dec	2029	4.634	$ 0.062	$	4.696	$0.14	4.84
Jan	2030	4.665	$ 0.075	$	4.740	$0.15	4.89
Feb	2030	4.694	$ 0.069	$	4.763	$0.15	4.91
Mar	2030	4.583	$ 0.004	$	4.587	$0.14	4.73
Apr	2030	4.550	$ (0.008)	$	4.543	$0.14	4.69
May	2030	4.578	$ 0.029	$	4.607	$0.14	4.75
Jun	2030	4.653	$ 0.069	$	4.721	$0.15	4.87
Jul	2030	4.983	$ 0.104	$	5.086	$0.15	5.24
Aug	2030	5.019	$ 0.113	$	5.132	$0.15	5.28
Sep	2030	4.946	$ 0.056	$	5.002	$0.15	5.15
Oct	2030	4.722	$ 0.053	$	4.775	$0.15	4.92
Nov	2030	4.635	$ 0.056	$	4.692	$0.14	4.84
Dec	2030	4.861	$ 0.064	$	4.925	$0.15	5.07
Jan	2031	4.892	$ 0.098	$	4.989	$0.15	5.14
Feb	2031	4.922	$ 0.092	$	5.015	$0.15	5.16
Mar	2031	4.825	$ 0.019	$	4.845	$0.15	4.99
Apr	2031	4.785	$ 0.000	$	4.785	$0.15	4.93
May	2031	4.814	$ 0.055	$	4.869	$0.15	5.02
Jun	2031	4.879	$ 0.082	$	4.962	$0.15	5.11
Jul	2031	5.209	$ 0.116	$	5.325	$0.15	5.48
Aug	2031	5.261	$ 0.139	$	5.400	$0.15	5.55
Sep	2031	5.164	$ 0.086	$	5.250	$0.15	5.40
Oct	2031	5.003	$ 0.082	$	5.085	$0.15	5.24
Nov	2031	5.073	$ 0.066	$	5.139	$0.15	5.29
Dec	2031	5.249	$ 0.082	$	5.330	$0.15	5.48
Jan	2032	5.281	$ 0.106	$	5.388	$0.15	5.54
Feb	2032	5.310	$ 0.077	$	5.387	$0.15	5.54
Mar	2032	5.289	$ 0.050	$	5.339	$0.15	5.49
Apr	2032	5.127	$ 0.026	$	5.153	$0.15	5.30
May	2032	5.155	$ 0.069	$	5.224	$0.15	5.38
Jun	2032	5.188	$ 0.095	$	5.283	$0.15	5.44
Jul	2032	5.333	$ 0.136	$	5.469	$0.16	5.62
Aug	2032	5.378	$ 0.159	$	5.538	$0.16	5.69
Sep	2032	5.301	$ 0.091	$	5.392	$0.15	5.55
Oct	2032	5.266	$ 0.088	$	5.355	$0.15	5.51
Nov	2032	5.389	$ 0.053	$	5.443	$0.15	5.60
Dec	2032	5.402	$ 0.072	$	5.475	$0.16	5.63
Jan	2033	5.137	$ 0.093	$	5.230	$0.15	5.38
Feb	2033	5.172	$ 0.091	$	5.263	$0.15	5.42
Mar	2033	5.121	$ 0.022	$	5.143	$0.15	5.29
Apr	2033	5.120	$ 0.016	$	5.136	$0.15	5.29
May	2033	5.153	$ 0.032	$	5.185	$0.15	5.34
Jun	2033	5.189	$ 0.080	$	5.269	$0.15	5.42
Jul	2033	5.348	$ 0.119	$	5.467	$0.16	5.62
Aug	2033	5.395	$ 0.127	$	5.522	$0.16	5.68
Sep	2033	5.324	$ 0.068	$	5.393	$0.15	5.55
Oct	2033	5.275	$ 0.053	$	5.328	$0.15	5.48
Nov	2033	5.430	$ 0.033	$	5.463	$0.15	5.62
Dec	2033	5.620	$ 0.047	$	5.668	$0.16	5.83
Jan	2034	5.658	$ 0.080	$	5.738	$0.16	5.90
Feb	2034	5.495	$ 0.056	$	5.550	$0.16	5.71
Mar	2034	5.336	$ (0.008)	$	5.328	$0.15	5.48
Apr	2034	5.273	$ 0.009	$	5.282	$0.15	5.43
May	2034	5.307	$ 0.039	$	5.346	$0.15	5.50
Jun	2034	5.342	$ 0.084	$	5.426	$0.15	5.58
Jul	2034	5.598	$ 0.125	$	5.723	$0.16	5.88
Aug	2034	5.641	$ 0.144	$	5.785	$0.16	5.94
Sep	2034	5.534	$ 0.074	$	5.608	$0.16	5.76
Oct	2034	5.398	$ 0.049	$	5.447	$0.15	5.60
Nov	2034	5.631	$ 0.034	$	5.665	$0.16	5.82
Dec	2034	5.829	$ 0.055	$	5.884	$0.16	6.04
Jan	2035	5.870	$ 0.086	$	5.956	$0.16	6.12
Feb	2035	5.900	$ 0.065	$	5.965	$0.16	6.13
Mar	2035	5.720	$ 0.018	$	5.739	$0.16	5.90
Apr	2035	5.462	$ 0.023	$	5.485	$0.16	5.64
May	2035	5.496	$ 0.046	$	5.542	$0.16	5.70

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Jun	2035	5.531	$ 0.091	$	5.623	$0.16	5.78
Jul	2035	5.817	$ 0.130	$	5.947	$0.16	6.11
Aug	2035	5.854	$ 0.147	$	6.001	$0.16	6.16
Sep	2035	5.756	$ 0.075	$	5.831	$0.16	5.99
Oct	2035	5.608	$ 0.048	$	5.656	$0.16	5.81
Nov	2035	5.657	$ 0.033	$	5.690	$0.16	5.85
Dec	2035	5.813	$ 0.058	$	5.872	$0.16	6.03
Jan	2036	5.851	$ 0.093	$	5.944	$0.16	6.11
Feb	2036	5.876	$ 0.034	$	5.911	$0.16	6.07
Mar	2036	5.778	$ 0.020	$	5.798	$0.16	5.96
Apr	2036	5.552	$ 0.023	$	5.575	$0.16	5.73
May	2036	5.586	$ 0.049	$	5.636	$0.16	5.79
Jun	2036	5.627	$ 0.096	$	5.723	$0.16	5.88
Jul	2036	5.794	$ 0.135	$	5.929	$0.16	6.09
Aug	2036	5.835	$ 0.150	$	5.985	$0.16	6.15
Sep	2036	5.807	$ 0.089	$	5.896	$0.16	6.06
Oct	2036	5.768	$ 0.076	$	5.844	$0.16	6.00
Nov	2036	5.846	$ 0.051	$	5.897	$0.16	6.06
Dec	2036	6.113	$ 0.064	$	6.177	$0.16	6.34
Jan	2037	6.160	$ 0.105	$	6.266	$0.17	6.43
Feb	2037	6.199	$ 0.081	$	6.281	$0.17	6.45
Mar	2037	6.107	$ 0.024	$	6.132	$0.16	6.30
Apr	2037	5.931	$ 0.021	$	5.952	$0.16	6.11
May	2037	5.968	$ 0.055	$	6.023	$0.16	6.19
Jun	2037	6.027	$ 0.111	$	6.138	$0.16	6.30
Jul	2037	6.286	$ 0.147	$	6.433	$0.17	6.60
Aug	2037	6.327	$ 0.147	$	6.474	$0.17	6.64
Sep	2037	6.240	$ 0.096	$	6.336	$0.17	6.50
Oct	2037	6.172	$ 0.074	$	6.246	$0.17	6.41
Nov	2037	6.250	$ 0.052	$	6.302	$0.17	6.47
Dec	2037	6.511	$ 0.078	$	6.589	$0.17	6.76
Jan	2038	6.552	$ 0.111	$	6.663	$0.17	6.83
Feb	2038	6.592	$ 0.088	$	6.681	$0.17	6.85
Mar	2038	6.491	$ 0.026	$	6.517	$0.17	6.69
Apr	2038	6.270	$ 0.044	$	6.314	$0.17	6.48
May	2038	6.308	$ 0.060	$	6.369	$0.17	6.54
Jun	2038	6.354	$ 0.118	$	6.472	$0.17	6.64
Jul	2038	6.534	$ 0.152	$	6.686	$0.17	6.86
Aug	2038	6.580	$ 0.145	$	6.725	$0.17	6.90
Sep	2038	6.432	$ 0.104	$	6.536	$0.17	6.71
Oct	2038	6.367	$ 0.064	$	6.431	$0.17	6.60
Nov	2038	6.473	$ 0.073	$	6.546	$0.17	6.72
Dec	2038	6.705	$ 0.100	$	6.805	$0.17	6.98
Jan	2039	6.748	$ 0.119	$	6.866	$0.17	7.04
Feb	2039	6.789	$ 0.101	$	6.891	$0.17	7.06
Mar	2039	6.627	$ 0.032	$	6.660	$0.17	6.83
Apr	2039	6.202	$ 0.041	$	6.243	$0.17	6.41
May	2039	6.237	$ 0.052	$	6.290	$0.17	6.46
Jun	2039	6.278	$ 0.115	$	6.392	$0.17	6.56
Jul	2039	6.341	$ 0.129	$	6.470	$0.17	6.64
Aug	2039	6.890	$ 0.145	$	7.035	$0.18	7.21
Sep	2039	6.860	$ 0.088	$	6.948	$0.17	7.12
Oct	2039	6.605	$ 0.081	$	6.686	$0.17	6.86
Nov	2039	6.680	$ 0.063	$	6.743	$0.17	6.91
Dec	2039	6.885	$ 0.087	$	6.971	$0.17	7.15
Jan	2040	6.925	$ 0.098	$	7.023	$0.18	7.20
Feb	2040	6.962	$ 0.061	$	7.022	$0.18	7.20
Mar	2040	6.849	$ 0.033	$	6.882	$0.17	7.06
Apr	2040	6.622	$ 0.013	$	6.635	$0.17	6.81
May	2040	6.660	$ 0.058	$	6.718	$0.17	6.89
Jun	2040	6.717	$ 0.108	$	6.824	$0.17	7.00
Jul	2040	6.962	$ 0.144	$	7.107	$0.18	7.28
Aug	2040	7.005	$ 0.155	$	7.160	$0.18	7.34
Sep	2040	6.991	$ 0.098	$	7.089	$0.18	7.27
Oct	2040	6.835	$ 0.086	$	6.921	$0.17	7.10
Nov	2040	6.907	$ 0.069	$	6.976	$0.17	7.15
Dec	2040	7.143	$ 0.111	$	7.255	$0.18	7.43
Jan	2041	7.186	$ 0.113	$	7.298	$0.18	7.48
Feb	2041	7.213	$ 0.083	$	7.296	$0.18	7.47
Mar	2041	7.060	$ 0.037	$	7.097	$0.18	7.27
Apr	2041	6.802	$ 0.048	$	6.850	$0.17	7.02
May	2041	6.844	$ 0.061	$	6.905	$0.17	7.08
Jun	2041	6.917	$ 0.124	$	7.041	$0.18	7.22
Jul	2041	7.221	$ 0.166	$	7.387	$0.18	7.57
Aug	2041	7.264	$ 0.158	$	7.421	$0.18	7.60
Sep	2041	7.266	$ 0.116	$	7.382	$0.18	7.56
Oct	2041	7.027	$ 0.061	$	7.088	$0.18	7.26
Nov	2041	7.157	$ 0.077	$	7.234	$0.18	7.41
Dec	2041	7.359	$ 0.127	$	7.486	$0.18	7.67
Jan	2042	7.402	$ 0.120	$	7.523	$0.18	7.70
Feb	2042	7.433	$ 0.089	$	7.522	$0.18	7.70
Mar	2042	7.276	$ 0.033	$	7.309	$0.18	7.49
Apr	2042	7.072	$ 0.045	$	7.117	$0.18	7.29
May	2042	7.115	$ 0.063	$	7.179	$0.18	7.36
Jun	2042	7.185	$ 0.134	$	7.319	$0.18	7.50
Jul	2042	7.551	$ 0.168	$	7.719	$0.18	7.90
Aug	2042	7.599	$ 0.171	$	7.770	$0.19	7.96
Sep	2042	7.574	$ 0.120	$	7.694	$0.18	7.88
Oct	2042	7.314	$ 0.080	$	7.394	$0.18	7.57
Nov	2042	7.355	$ 0.075	$	7.429	$0.18	7.61
Dec	2042	7.587	$ 0.102	$	7.689	$0.18	7.87
Jan	2043	7.632	$ 0.105	$	7.737	$0.18	7.92
Feb	2043	7.656	$ 0.058	$	7.715	$0.18	7.90
Mar	2043	7.507	$ 0.035	$	7.542	$0.18	7.72
Apr	2043	7.246	$ 0.028	$	7.275	$0.18	7.45
May	2043	7.291	$ 0.050	$	7.341	$0.18	7.52
Jun	2043	7.346	$ 0.106	$	7.452	$0.18	7.63
Jul	2043	7.705	$ 0.164	$	7.869	$0.19	8.06
Aug	2043	7.751	$ 0.156	$	7.907	$0.19	8.09
Sep	2043	7.776	$ 0.091	$	7.866	$0.19	8.05
Oct	2043	7.486	$ 0.077	$	7.562	$0.18	7.74
Nov	2043	7.551	$ 0.066	$	7.617	$0.18	7.80

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Dec	2043	7.795	$ 0.097	$	7.892	$0.19	8.08
Jan	2044	7.843	$ 0.099	$	7.942	$0.19	8.13
Feb	2044	7.877	$ 0.059	$	7.936	$0.19	8.12
Mar	2044	7.712	$ 0.025	$	7.737	$0.18	7.92
Apr	2044	7.571	$ 0.029	$	7.600	$0.18	7.78
May	2044	7.615	$ 0.040	$	7.655	$0.18	7.84
Jun	2044	7.661	$ 0.105	$	7.766	$0.19	7.95
Jul	2044	8.012	$ 0.160	$	8.173	$0.19	8.36
Aug	2044	8.062	$ 0.162	$	8.224	$0.19	8.42
Sep	2044	8.047	$ 0.080	$	8.127	$0.19	8.32
Oct	2044	7.844	$ 0.045	$	7.889	$0.19	8.08
Nov	2044	7.965	$ 0.060	$	8.025	$0.19	8.21
Dec	2044	8.212	$ 0.099	$	8.311	$0.19	8.50
Jan	2045	8.261	$ 0.107	$	8.368	$0.19	8.56
Feb	2045	8.310	$ 0.056	$	8.366	$0.19	8.56
Mar	2045	8.177	$ 0.031	$	8.208	$0.19	8.40
Apr	2045	7.989	$ 0.026	$	8.015	$0.19	8.20
May	2045	8.031	$ 0.042	$	8.072	$0.19	8.26
Jun	2045	8.080	$ 0.109	$	8.189	$0.19	8.38
Jul	2045	8.453	$ 0.157	$	8.610	$0.20	8.81
Aug	2045	8.506	$ 0.169	$	8.676	$0.20	8.87
Sep	2045	8.521	$ 0.085	$	8.606	$0.20	8.80
Oct	2045	8.268	$ 0.062	$	8.331	$0.19	8.52
Nov	2045	8.402	$ 0.062	$	8.464	$0.19	8.66
Dec	2045	8.652	$ 0.096	$	8.748	$0.20	8.95
Jan	2046	8.703	$ 0.115	$	8.818	$0.20	9.02
Feb	2046	8.730	$ 0.062	$	8.792	$0.20	8.99
Mar	2046	8.526	$ 0.022	$	8.549	$0.20	8.74
Apr	2046	8.288	$ 0.018	$	8.306	$0.19	8.50
May	2046	8.324	$ 0.043	$	8.368	$0.19	8.56
Jun	2046	8.374	$ 0.110	$	8.484	$0.19	8.68
Jul	2046	8.801	$ 0.158	$	8.959	$0.20	9.16
Aug	2046	8.857	$ 0.176	$	9.033	$0.20	9.23
Sep	2046	8.828	$ 0.081	$	8.909	$0.20	9.11
Oct	2046	8.549	$ 0.062	$	8.611	$0.20	8.81
Nov	2046	8.628	$ 0.064	$	8.692	$0.20	8.89
Dec	2046	8.854	$ 0.103	$	8.957	$0.20	9.16
Jan	2047	8.906	$ 0.126	$	9.032	$0.20	9.23
Feb	2047	8.921	$ 0.058	$	8.979	$0.20	9.18
Mar	2047	8.604	$ 0.019	$	8.622	$0.20	8.82
Apr	2047	8.403	$ 0.022	$	8.425	$0.19	8.62
May	2047	8.437	$ 0.039	$	8.476	$0.19	8.67
Jun	2047	8.486	$ 0.123	$	8.610	$0.20	8.81
Jul	2047	8.902	$ 0.165	$	9.067	$0.20	9.27
Aug	2047	8.958	$ 0.182	$	9.140	$0.20	9.34
Sep	2047	8.954	$ 0.088	$	9.042	$0.20	9.24
Oct	2047	8.794	$ 0.052	$	8.846	$0.20	9.05
Nov	2047	8.872	$ 0.052	$	8.924	$0.20	9.12
Dec	2047	8.907	$ 0.093	$	9.001	$0.20	9.20
Jan	2048	8.959	$ 0.109	$	9.068	$0.20	9.27
Feb	2048	9.002	$ 0.036	$	9.038	$0.20	9.24
Mar	2048	8.799	$ 0.007	$	8.806	$0.20	9.00
Apr	2048	8.672	$ 0.022	$	8.694	$0.20	8.89
May	2048	8.721	$ 0.032	$	8.753	$0.20	8.95
Jun	2048	8.811	$ 0.099	$	8.910	$0.20	9.11
Jul	2048	9.345	$ 0.136	$	9.480	$0.21	9.69
Aug	2048	9.410	$ 0.181	$	9.591	$0.21	9.80
Sep	2048	9.428	$ 0.072	$	9.500	$0.21	9.71
Oct	2048	9.043	$ 0.058	$	9.101	$0.20	9.30
Nov	2048	9.185	$ 0.046	$	9.231	$0.20	9.44
Dec	2048	9.448	$ 0.061	$	9.509	$0.21	9.72
Jan	2049	9.502	$ 0.085	$	9.587	$0.21	9.80
Feb	2049	9.512	$ 0.031	$	9.544	$0.21	9.75
Mar	2049	9.452	$ 0.007	$	9.458	$0.21	9.67
Apr	2049	9.346	$ 0.019	$	9.365	$0.21	9.57
May	2049	8.991	$ 0.033	$	9.023	$0.20	9.22
Jun	2049	9.041	$ 0.089	$	9.130	$0.20	9.33
Jul	2049	9.257	$ 0.124	$	9.381	$0.21	9.59
Aug	2049	9.309	$ 0.151	$	9.460	$0.21	9.67
Sep	2049	9.142	$ 0.071	$	9.214	$0.20	9.42
Oct	2049	8.977	$ 0.058	$	9.035	$0.20	9.24
Nov	2049	9.324	$ 0.046	$	9.370	$0.21	9.58
Dec	2049	9.702	$ 0.062	$	9.764	$0.21	9.98
Jan	2050	9.755	$ 0.086	$	9.841	$0.21	10.05
Feb	2050	9.783	$ 0.033	$	9.816	$0.21	10.03
Mar	2050	9.486	$ 0.006	$	9.492	$0.21	9.70
Apr	2050	9.015	$ 0.023	$	9.038	$0.20	9.24
May	2050	9.058	$ 0.032	$	9.090	$0.20	9.29
Jun	2050	9.108	$ 0.097	$	9.204	$0.20	9.41
Jul	2050	9.393	$ 0.124	$	9.517	$0.21	9.72
Aug	2050	9.450	$ 0.158	$	9.608	$0.21	9.82
Sep	2050	9.423	$ 0.072	$	9.496	$0.21	9.70
Oct	2050	9.119	$ 0.063	$	9.182	$0.20	9.39
Nov	2050	9.368	$ 0.047	$	9.416	$0.21	9.62
Dec	2050	9.683	$ 0.065	$	9.748	$0.21	9.96

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DEF NATURAL GAS DISPATCH PRICES

Month	Year	Base HH Regular Supply Cost	Physical Basis FGT Z3	Base Cost Regular Supply Z3	FGT MMBTU Variable Cost	FGT Variable MMBTU Delivered Costs
Jan	2019	3.110	$ (0.046)	$ 3.064	$0.13	3.19
Feb	2019	2.690	$ (0.019)	$ 2.671	$0.12	2.79
Mar	2019	2.950	$ (0.003)	$ 2.947	$0.12	3.07
Apr	2019	2.650	$ (0.001)	$ 2.649	$0.11	2.76
May	2019	2.640	$ 0.005	$ 2.645	$0.11	2.76
Jun	2019	2.400	$ 0.037	$ 2.437	$0.11	2.55
Jul	2019	2.370	$ 0.048	$ 2.418	$0.11	2.53
Aug	2019	2.220	$ 0.056	$ 2.276	$0.11	2.38
Sep	2019	2.560	$ 0.016	$ 2.576	$0.11	2.69
Oct	2019	2.743	$ 0.010	$ 2.753	$0.12	2.87
Nov	2019	2.303	$ 0.012	$ 2.315	$0.11	2.42
Dec	2019	2.495	$ 0.023	$ 2.518	$0.11	2.63
Jan	2020	2.612	$ 0.035	$ 2.647	$0.11	2.76
Feb	2020	2.575	$ 0.024	$ 2.599	$0.11	2.71
Mar	2020	2.462	$ (0.020)	$ 2.442	$0.11	2.55
Apr	2020	2.247	$ (0.019)	$ 2.228	$0.10	2.33
May	2020	2.234	$ 0.005	$ 2.239	$0.10	2.34
Jun	2020	2.278	$ 0.026	$ 2.304	$0.11	2.41
Jul	2020	2.326	$ 0.048	$ 2.374	$0.11	2.48
Aug	2020	2.335	$ 0.055	$ 2.390	$0.11	2.50
Sep	2020	2.318	$ 0.012	$ 2.330	$0.11	2.44
Oct	2020	2.344	$ 0.016	$ 2.360	$0.11	2.47
Nov	2020	2.409	$ 0.025	$ 2.434	$0.11	2.54
Dec	2020	2.578	$ 0.034	$ 2.612	$0.11	2.73
Jan	2021	2.700	$ 0.038	$ 2.738	$0.12	2.86
Feb	2021	2.661	$ 0.033	$ 2.694	$0.12	2.81
Mar	2021	2.548	$ (0.015)	$ 2.533	$0.11	2.64
Apr	2021	2.284	$ (0.021)	$ 2.263	$0.11	2.37
May	2021	2.260	$ 0.005	$ 2.265	$0.11	2.37
Jun	2021	2.294	$ 0.025	$ 2.319	$0.11	2.43
Jul	2021	2.332	$ 0.047	$ 2.379	$0.11	2.49
Aug	2021	2.339	$ 0.058	$ 2.397	$0.11	2.51
Sep	2021	2.328	$ 0.011	$ 2.339	$0.11	2.45
Oct	2021	2.354	$ 0.018	$ 2.372	$0.11	2.48
Nov	2021	2.424	$ 0.027	$ 2.451	$0.11	2.56
Dec	2021	2.603	$ 0.038	$ 2.641	$0.11	2.76
Jan	2022	2.729	$ 0.041	$ 2.770	$0.12	2.89
Feb	2022	2.702	$ 0.036	$ 2.738	$0.12	2.86
Mar	2022	2.595	$ (0.013)	$ 2.582	$0.11	2.70
Apr	2022	2.340	$ (0.016)	$ 2.324	$0.11	2.43
May	2022	2.324	$ 0.007	$ 2.331	$0.11	2.44
Jun	2022	2.359	$ 0.034	$ 2.393	$0.11	2.50
Jul	2022	2.399	$ 0.059	$ 2.458	$0.11	2.57
Aug	2022	2.411	$ 0.066	$ 2.477	$0.11	2.59
Sep	2022	2.404	$ 0.021	$ 2.425	$0.11	2.53
Oct	2022	2.430	$ 0.024	$ 2.454	$0.11	2.56
Nov	2022	2.492	$ 0.034	$ 2.526	$0.11	2.64
Dec	2022	2.674	$ 0.044	$ 2.718	$0.12	2.83
Jan	2023	2.799	$ 0.052	$ 2.851	$0.12	2.97
Feb	2023	2.767	$ 0.047	$ 2.814	$0.12	2.93
Mar	2023	2.656	$ (0.003)	$ 2.653	$0.11	2.77
Apr	2023	2.401	$ (0.008)	$ 2.393	$0.11	2.50
May	2023	2.385	$ 0.016	$ 2.401	$0.11	2.51
Jun	2023	2.426	$ 0.042	$ 2.468	$0.11	2.58
Jul	2023	2.466	$ 0.068	$ 2.534	$0.11	2.65
Aug	2023	2.481	$ 0.076	$ 2.557	$0.11	2.67
Sep	2023	2.476	$ 0.029	$ 2.505	$0.11	2.62
Oct	2023	2.505	$ 0.030	$ 2.535	$0.11	2.65
Nov	2023	2.580	$ 0.037	$ 2.617	$0.11	2.73
Dec	2023	2.760	$ 0.053	$ 2.813	$0.12	2.93
Jan	2024	2.889	$ 0.058	$ 2.947	$0.12	3.07
Feb	2024	2.866	$ 0.050	$ 2.915	$0.12	3.04
Mar	2024	2.760	$ (0.002)	$ 2.758	$0.12	2.88

FGT - Firm			
Current Yr	2019	√	DJ 10/11
Fuel Retention	2.44%	√	DJ 10/11
100%-B	97.56%		
Total Variable	0.0486		
Esc%	100.00%	√	DJ 10/11
Variable			
Usage Rate (Avg)	0.0109	√	DJ 10/11
ACA	0.0013	√	DJ 10/11
UFS	0.0364	√	DJ 10/11
Total Variable	0.0486		

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Apr	2024	2.534	$ (0.007)	$	2.527	$0.11	2.64
May	2024	2.531	$ 0.017	$	2.548	$0.11	2.66
Jun	2024	2.573	$ 0.046	$	2.619	$0.11	2.73
Jul	2024	2.623	$ 0.077	$	2.700	$0.12	2.82
Aug	2024	2.644	$ 0.077	$	2.722	$0.12	2.84
Sep	2024	2.646	$ 0.047	$	2.693	$0.12	2.81
Oct	2024	2.672	$ 0.040	$	2.713	$0.12	2.83
Nov	2024	2.758	$ 0.044	$	2.802	$0.12	2.92
Dec	2024	2.940	$ 0.056	$	2.996	$0.12	3.12
Jan	2025	3.054	$ 0.061	$	3.115	$0.13	3.24
Feb	2025	3.048	$ 0.055	$	3.103	$0.13	3.23
Mar	2025	2.970	$ (0.001)	$	2.969	$0.12	3.09
Apr	2025	2.799	$ (0.011)	$	2.789	$0.12	2.91
May	2025	2.811	$ 0.016	$	2.826	$0.12	2.95
Jun	2025	2.854	$ 0.054	$	2.908	$0.12	3.03
Jul	2025	2.948	$ 0.078	$	3.027	$0.12	3.15
Aug	2025	2.980	$ 0.078	$	3.058	$0.13	3.18
Sep	2025	2.883	$ 0.045	$	2.928	$0.12	3.05
Oct	2025	2.903	$ 0.035	$	2.938	$0.12	3.06
Nov	2025	2.990	$ 0.036	$	3.026	$0.12	3.15
Dec	2025	3.163	$ 0.051	$	3.214	$0.13	3.34
Jan	2026	3.255	$ 0.057	$	3.311	$0.13	3.44
Feb	2026	3.255	$ 0.053	$	3.308	$0.13	3.44
Mar	2026	3.176	$ (0.003)	$	3.172	$0.13	3.30
Apr	2026	3.042	$ (0.001)	$	3.041	$0.12	3.17
May	2026	3.061	$ 0.022	$	3.083	$0.13	3.21
Jun	2026	3.116	$ 0.053	$	3.169	$0.13	3.30
Jul	2026	3.276	$ 0.077	$	3.353	$0.13	3.49
Aug	2026	3.318	$ 0.078	$	3.396	$0.13	3.53
Sep	2026	3.252	$ 0.041	$	3.293	$0.13	3.42
Oct	2026	3.247	$ 0.034	$	3.280	$0.13	3.41
Nov	2026	3.322	$ 0.042	$	3.364	$0.13	3.50
Dec	2026	3.506	$ 0.054	$	3.559	$0.14	3.70
Jan	2027	3.583	$ 0.062	$	3.645	$0.14	3.78
Feb	2027	3.604	$ 0.057	$	3.661	$0.14	3.80
Mar	2027	3.551	$ (0.002)	$	3.549	$0.14	3.69
Apr	2027	3.396	$ (0.002)	$	3.394	$0.13	3.53
May	2027	3.424	$ 0.021	$	3.445	$0.13	3.58
Jun	2027	3.498	$ 0.051	$	3.549	$0.14	3.69
Jul	2027	3.731	$ 0.079	$	3.809	$0.14	3.95
Aug	2027	3.778	$ 0.082	$	3.860	$0.15	4.01
Sep	2027	3.768	$ 0.043	$	3.812	$0.14	3.96
Oct	2027	3.651	$ 0.038	$	3.690	$0.14	3.83
Nov	2027	3.730	$ 0.043	$	3.773	$0.14	3.92
Dec	2027	3.930	$ 0.054	$	3.984	$0.15	4.13
Jan	2028	3.993	$ 0.063	$	4.056	$0.15	4.21
Feb	2028	4.025	$ 0.047	$	4.072	$0.15	4.22
Mar	2028	3.948	$ (0.002)	$	3.946	$0.15	4.09
Apr	2028	3.907	$ (0.006)	$	3.900	$0.15	4.05
May	2028	3.947	$ 0.024	$	3.971	$0.15	4.12
Jun	2028	4.139	$ 0.059	$	4.198	$0.15	4.35
Jul	2028	4.159	$ 0.091	$	4.250	$0.15	4.40
Aug	2028	4.214	$ 0.089	$	4.304	$0.16	4.46
Sep	2028	4.278	$ 0.048	$	4.325	$0.16	4.48
Oct	2028	4.263	$ 0.044	$	4.307	$0.16	4.46
Nov	2028	4.329	$ 0.046	$	4.375	$0.16	4.53
Dec	2028	4.599	$ 0.054	$	4.653	$0.16	4.82
Jan	2029	4.640	$ 0.075	$	4.716	$0.17	4.88
Feb	2029	4.669	$ 0.068	$	4.737	$0.17	4.90
Mar	2029	4.455	$ 0.007	$	4.462	$0.16	4.62
Apr	2029	4.470	$ 0.002	$	4.472	$0.16	4.63
May	2029	4.534	$ 0.027	$	4.561	$0.16	4.72
Jun	2029	4.657	$ 0.062	$	4.719	$0.17	4.89
Jul	2029	4.385	$ 0.091	$	4.476	$0.16	4.64
Aug	2029	4.417	$ 0.098	$	4.516	$0.16	4.68
Sep	2029	4.535	$ 0.053	$	4.588	$0.16	4.75
Oct	2029	4.525	$ 0.040	$	4.565	$0.16	4.73
Nov	2029	4.430	$ 0.063	$	4.492	$0.16	4.65
Dec	2029	4.634	$ 0.062	$	4.696	$0.17	4.86

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Jan	2030	4.665	$ 0.075	$ 4.740	$0.17	4.91	
Feb	2030	4.694	$ 0.069	$ 4.763	$0.17	4.93	
Mar	2030	4.583	$ 0.004	$ 4.587	$0.16	4.75	
Apr	2030	4.550	$ (0.008)	$ 4.543	$0.16	4.71	
May	2030	4.578	$ 0.029	$ 4.607	$0.16	4.77	
Jun	2030	4.653	$ 0.069	$ 4.721	$0.17	4.89	
Jul	2030	4.983	$ 0.104	$ 5.086	$0.18	5.26	
Aug	2030	5.019	$ 0.113	$ 5.132	$0.18	5.31	
Sep	2030	4.946	$ 0.056	$ 5.002	$0.17	5.18	
Oct	2030	4.722	$ 0.053	$ 4.775	$0.17	4.94	
Nov	2030	4.635	$ 0.056	$ 4.692	$0.17	4.86	
Dec	2030	4.861	$ 0.064	$ 4.925	$0.17	5.10	
Jan	2031	4.892	$ 0.098	$ 4.989	$0.17	5.16	
Feb	2031	4.922	$ 0.092	$ 5.015	$0.17	5.19	
Mar	2031	4.825	$ 0.019	$ 4.845	$0.17	5.01	
Apr	2031	4.785	$ 0.000	$ 4.785	$0.17	4.95	
May	2031	4.814	$ 0.055	$ 4.869	$0.17	5.04	
Jun	2031	4.879	$ 0.082	$ 4.962	$0.17	5.13	
Jul	2031	5.209	$ 0.116	$ 5.325	$0.18	5.51	
Aug	2031	5.261	$ 0.139	$ 5.400	$0.18	5.58	
Sep	2031	5.164	$ 0.086	$ 5.250	$0.18	5.43	
Oct	2031	5.003	$ 0.082	$ 5.085	$0.18	5.26	
Nov	2031	5.073	$ 0.066	$ 5.139	$0.18	5.32	
Dec	2031	5.249	$ 0.082	$ 5.330	$0.18	5.51	
Jan	2032	5.281	$ 0.106	$ 5.388	$0.18	5.57	
Feb	2032	5.310	$ 0.077	$ 5.387	$0.18	5.57	
Mar	2032	5.289	$ 0.050	$ 5.339	$0.18	5.52	
Apr	2032	5.127	$ 0.026	$ 5.153	$0.18	5.33	
May	2032	5.155	$ 0.069	$ 5.224	$0.18	5.40	
Jun	2032	5.188	$ 0.095	$ 5.283	$0.18	5.46	
Jul	2032	5.333	$ 0.136	$ 5.469	$0.19	5.65	
Aug	2032	5.378	$ 0.159	$ 5.538	$0.19	5.73	
Sep	2032	5.301	$ 0.091	$ 5.392	$0.18	5.58	
Oct	2032	5.266	$ 0.088	$ 5.355	$0.18	5.54	
Nov	2032	5.389	$ 0.053	$ 5.443	$0.18	5.63	
Dec	2032	5.402	$ 0.072	$ 5.475	$0.19	5.66	
Jan	2033	5.137	$ 0.093	$ 5.230	$0.18	5.41	
Feb	2033	5.172	$ 0.091	$ 5.263	$0.18	5.44	
Mar	2033	5.121	$ 0.022	$ 5.143	$0.18	5.32	
Apr	2033	5.120	$ 0.016	$ 5.136	$0.18	5.31	
May	2033	5.153	$ 0.032	$ 5.185	$0.18	5.36	
Jun	2033	5.189	$ 0.080	$ 5.269	$0.18	5.45	
Jul	2033	5.348	$ 0.119	$ 5.467	$0.19	5.65	
Aug	2033	5.395	$ 0.127	$ 5.522	$0.19	5.71	
Sep	2033	5.324	$ 0.068	$ 5.393	$0.18	5.58	
Oct	2033	5.275	$ 0.053	$ 5.328	$0.18	5.51	
Nov	2033	5.430	$ 0.033	$ 5.463	$0.19	5.65	
Dec	2033	5.620	$ 0.047	$ 5.668	$0.19	5.86	
Jan	2034	5.658	$ 0.080	$ 5.738	$0.19	5.93	
Feb	2034	5.495	$ 0.056	$ 5.550	$0.19	5.74	
Mar	2034	5.336	$ (0.008)	$ 5.328	$0.18	5.51	
Apr	2034	5.273	$ 0.009	$ 5.282	$0.18	5.46	
May	2034	5.307	$ 0.039	$ 5.346	$0.18	5.53	
Jun	2034	5.342	$ 0.084	$ 5.426	$0.18	5.61	
Jul	2034	5.598	$ 0.125	$ 5.723	$0.19	5.91	
Aug	2034	5.641	$ 0.144	$ 5.785	$0.19	5.98	
Sep	2034	5.534	$ 0.074	$ 5.608	$0.19	5.80	
Oct	2034	5.398	$ 0.049	$ 5.447	$0.18	5.63	
Nov	2034	5.631	$ 0.034	$ 5.665	$0.19	5.86	
Dec	2034	5.829	$ 0.055	$ 5.884	$0.20	6.08	
Jan	2035	5.870	$ 0.086	$ 5.956	$0.20	6.15	
Feb	2035	5.900	$ 0.065	$ 5.965	$0.20	6.16	
Mar	2035	5.720	$ 0.018	$ 5.739	$0.19	5.93	
Apr	2035	5.462	$ 0.023	$ 5.485	$0.19	5.67	
May	2035	5.496	$ 0.046	$ 5.542	$0.19	5.73	
Jun	2035	5.531	$ 0.091	$ 5.623	$0.19	5.81	
Jul	2035	5.817	$ 0.130	$ 5.947	$0.20	6.14	
Aug	2035	5.854	$ 0.147	$ 6.001	$0.20	6.20	
Sep	2035	5.756	$ 0.075	$ 5.831	$0.19	6.03	

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Oct	2035	5.608	$ 0.048	$	5.656	$0.19	5.85
Nov	2035	5.657	$ 0.033	$	5.690	$0.19	5.88
Dec	2035	5.813	$ 0.058	$	5.872	$0.20	6.07
Jan	2036	5.851	$ 0.093	$	5.944	$0.20	6.14
Feb	2036	5.876	$ 0.034	$	5.911	$0.20	6.11
Mar	2036	5.778	$ 0.020	$	5.798	$0.19	5.99
Apr	2036	5.552	$ 0.023	$	5.575	$0.19	5.76
May	2036	5.586	$ 0.049	$	5.636	$0.19	5.83
Jun	2036	5.627	$ 0.096	$	5.723	$0.19	5.91
Jul	2036	5.794	$ 0.135	$	5.929	$0.20	6.13
Aug	2036	5.835	$ 0.150	$	5.985	$0.20	6.18
Sep	2036	5.807	$ 0.089	$	5.896	$0.20	6.09
Oct	2036	5.768	$ 0.076	$	5.844	$0.19	6.04
Nov	2036	5.846	$ 0.051	$	5.897	$0.20	6.09
Dec	2036	6.113	$ 0.064	$	6.177	$0.20	6.38
Jan	2037	6.160	$ 0.105	$	6.266	$0.21	6.47
Feb	2037	6.199	$ 0.081	$	6.281	$0.21	6.49
Mar	2037	6.107	$ 0.024	$	6.132	$0.20	6.33
Apr	2037	5.931	$ 0.021	$	5.952	$0.20	6.15
May	2037	5.968	$ 0.055	$	6.023	$0.20	6.22
Jun	2037	6.027	$ 0.111	$	6.138	$0.20	6.34
Jul	2037	6.286	$ 0.147	$	6.433	$0.21	6.64
Aug	2037	6.327	$ 0.147	$	6.474	$0.21	6.68
Sep	2037	6.240	$ 0.096	$	6.336	$0.21	6.54
Oct	2037	6.172	$ 0.074	$	6.246	$0.20	6.45
Nov	2037	6.250	$ 0.052	$	6.302	$0.21	6.51
Dec	2037	6.511	$ 0.078	$	6.589	$0.21	6.80
Jan	2038	6.552	$ 0.111	$	6.663	$0.22	6.88
Feb	2038	6.592	$ 0.088	$	6.681	$0.22	6.90
Mar	2038	6.491	$ 0.026	$	6.517	$0.21	6.73
Apr	2038	6.270	$ 0.044	$	6.314	$0.21	6.52
May	2038	6.308	$ 0.060	$	6.369	$0.21	6.58
Jun	2038	6.354	$ 0.118	$	6.472	$0.21	6.68
Jul	2038	6.534	$ 0.152	$	6.686	$0.22	6.90
Aug	2038	6.580	$ 0.145	$	6.725	$0.22	6.94
Sep	2038	6.432	$ 0.104	$	6.536	$0.21	6.75
Oct	2038	6.367	$ 0.064	$	6.431	$0.21	6.64
Nov	2038	6.473	$ 0.073	$	6.546	$0.21	6.76
Dec	2038	6.705	$ 0.100	$	6.805	$0.22	7.02
Jan	2039	6.748	$ 0.119	$	6.866	$0.22	7.09
Feb	2039	6.789	$ 0.101	$	6.891	$0.22	7.11
Mar	2039	6.627	$ 0.032	$	6.660	$0.22	6.88
Apr	2039	6.202	$ 0.041	$	6.243	$0.20	6.45
May	2039	6.237	$ 0.052	$	6.290	$0.21	6.50
Jun	2039	6.278	$ 0.115	$	6.392	$0.21	6.60
Jul	2039	6.341	$ 0.129	$	6.470	$0.21	6.68
Aug	2039	6.890	$ 0.145	$	7.035	$0.22	7.26
Sep	2039	6.860	$ 0.088	$	6.948	$0.22	7.17
Oct	2039	6.605	$ 0.081	$	6.686	$0.22	6.90
Nov	2039	6.680	$ 0.063	$	6.743	$0.22	6.96
Dec	2039	6.885	$ 0.087	$	6.971	$0.22	7.19
Jan	2040	6.925	$ 0.098	$	7.023	$0.22	7.25
Feb	2040	6.962	$ 0.061	$	7.022	$0.22	7.25
Mar	2040	6.849	$ 0.033	$	6.882	$0.22	7.10
Apr	2040	6.622	$ 0.013	$	6.635	$0.21	6.85
May	2040	6.660	$ 0.058	$	6.718	$0.22	6.93
Jun	2040	6.717	$ 0.108	$	6.824	$0.22	7.04
Jul	2040	6.962	$ 0.144	$	7.107	$0.23	7.33
Aug	2040	7.005	$ 0.155	$	7.160	$0.23	7.39
Sep	2040	6.991	$ 0.098	$	7.089	$0.23	7.31
Oct	2040	6.835	$ 0.086	$	6.921	$0.22	7.14
Nov	2040	6.907	$ 0.069	$	6.976	$0.22	7.20
Dec	2040	7.143	$ 0.111	$	7.255	$0.23	7.49
Jan	2041	7.186	$ 0.113	$	7.298	$0.23	7.53
Feb	2041	7.213	$ 0.083	$	7.296	$0.23	7.53
Mar	2041	7.060	$ 0.037	$	7.097	$0.23	7.32
Apr	2041	6.802	$ 0.048	$	6.850	$0.22	7.07
May	2041	6.844	$ 0.061	$	6.905	$0.22	7.13
Jun	2041	6.917	$ 0.124	$	7.041	$0.22	7.27

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Jul	2041	7.221	$	0.166	$	7.387	$0.23	7.62
Aug	2041	7.264	$	0.158	$	7.421	$0.23	7.66
Sep	2041	7.266	$	0.116	$	7.382	$0.23	7.62
Oct	2041	7.027	$	0.061	$	7.088	$0.23	7.31
Nov	2041	7.157	$	0.077	$	7.234	$0.23	7.46
Dec	2041	7.359	$	0.127	$	7.486	$0.24	7.72
Jan	2042	7.402	$	0.120	$	7.523	$0.24	7.76
Feb	2042	7.433	$	0.089	$	7.522	$0.24	7.76
Mar	2042	7.276	$	0.033	$	7.309	$0.23	7.54
Apr	2042	7.072	$	0.045	$	7.117	$0.23	7.34
May	2042	7.115	$	0.063	$	7.179	$0.23	7.41
Jun	2042	7.185	$	0.134	$	7.319	$0.23	7.55
Jul	2042	7.551	$	0.168	$	7.719	$0.24	7.96
Aug	2042	7.599	$	0.171	$	7.770	$0.24	8.01
Sep	2042	7.574	$	0.120	$	7.694	$0.24	7.94
Oct	2042	7.314	$	0.080	$	7.394	$0.23	7.63
Nov	2042	7.355	$	0.075	$	7.429	$0.23	7.66
Dec	2042	7.587	$	0.102	$	7.689	$0.24	7.93
Jan	2043	7.632	$	0.105	$	7.737	$0.24	7.98
Feb	2043	7.656	$	0.058	$	7.715	$0.24	7.96
Mar	2043	7.507	$	0.035	$	7.542	$0.24	7.78
Apr	2043	7.246	$	0.028	$	7.275	$0.23	7.51
May	2043	7.291	$	0.050	$	7.341	$0.23	7.57
Jun	2043	7.346	$	0.106	$	7.452	$0.23	7.69
Jul	2043	7.705	$	0.164	$	7.869	$0.25	8.11
Aug	2043	7.751	$	0.156	$	7.907	$0.25	8.15
Sep	2043	7.776	$	0.091	$	7.866	$0.25	8.11
Oct	2043	7.486	$	0.077	$	7.562	$0.24	7.80
Nov	2043	7.551	$	0.066	$	7.617	$0.24	7.86
Dec	2043	7.795	$	0.097	$	7.892	$0.25	8.14
Jan	2044	7.843	$	0.099	$	7.942	$0.25	8.19
Feb	2044	7.877	$	0.059	$	7.936	$0.25	8.18
Mar	2044	7.712	$	0.025	$	7.737	$0.24	7.98
Apr	2044	7.571	$	0.029	$	7.600	$0.24	7.84
May	2044	7.615	$	0.040	$	7.655	$0.24	7.90
Jun	2044	7.661	$	0.105	$	7.766	$0.24	8.01
Jul	2044	8.012	$	0.160	$	8.173	$0.25	8.43
Aug	2044	8.062	$	0.162	$	8.224	$0.25	8.48
Sep	2044	8.047	$	0.080	$	8.127	$0.25	8.38
Oct	2044	7.844	$	0.045	$	7.889	$0.25	8.13
Nov	2044	7.965	$	0.060	$	8.025	$0.25	8.27
Dec	2044	8.212	$	0.099	$	8.311	$0.26	8.57
Jan	2045	8.261	$	0.107	$	8.368	$0.26	8.63
Feb	2045	8.310	$	0.056	$	8.366	$0.26	8.62
Mar	2045	8.177	$	0.031	$	8.208	$0.25	8.46
Apr	2045	7.989	$	0.026	$	8.015	$0.25	8.26
May	2045	8.031	$	0.042	$	8.072	$0.25	8.32
Jun	2045	8.080	$	0.109	$	8.189	$0.25	8.44
Jul	2045	8.453	$	0.157	$	8.610	$0.26	8.87
Aug	2045	8.506	$	0.169	$	8.676	$0.27	8.94
Sep	2045	8.521	$	0.085	$	8.606	$0.26	8.87
Oct	2045	8.268	$	0.062	$	8.331	$0.26	8.59
Nov	2045	8.402	$	0.062	$	8.464	$0.26	8.72
Dec	2045	8.652	$	0.096	$	8.748	$0.27	9.02
Jan	2046	8.703	$	0.115	$	8.818	$0.27	9.09
Feb	2046	8.730	$	0.062	$	8.792	$0.27	9.06
Mar	2046	8.526	$	0.022	$	8.549	$0.26	8.81
Apr	2046	8.288	$	0.018	$	8.306	$0.26	8.56
May	2046	8.324	$	0.043	$	8.368	$0.26	8.63
Jun	2046	8.374	$	0.110	$	8.484	$0.26	8.74
Jul	2046	8.801	$	0.158	$	8.959	$0.27	9.23
Aug	2046	8.857	$	0.176	$	9.033	$0.27	9.31
Sep	2046	8.828	$	0.081	$	8.909	$0.27	9.18
Oct	2046	8.549	$	0.062	$	8.611	$0.26	8.87
Nov	2046	8.628	$	0.064	$	8.692	$0.27	8.96
Dec	2046	8.854	$	0.103	$	8.957	$0.27	9.23
Jan	2047	8.906	$	0.126	$	9.032	$0.27	9.31
Feb	2047	8.921	$	0.058	$	8.979	$0.27	9.25
Mar	2047	8.604	$	0.019	$	8.622	$0.26	8.89

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Apr	2047	8.403	$	0.022	$	8.425	$0.26	8.68
May	2047	8.437	$	0.039	$	8.476	$0.26	8.74
Jun	2047	8.486	$	0.123	$	8.610	$0.26	8.87
Jul	2047	8.902	$	0.165	$	9.067	$0.28	9.34
Aug	2047	8.958	$	0.182	$	9.140	$0.28	9.42
Sep	2047	8.954	$	0.088	$	9.042	$0.27	9.32
Oct	2047	8.794	$	0.052	$	8.846	$0.27	9.12
Nov	2047	8.872	$	0.052	$	8.924	$0.27	9.20
Dec	2047	8.907	$	0.093	$	9.001	$0.27	9.27
Jan	2048	8.959	$	0.109	$	9.068	$0.28	9.34
Feb	2048	9.002	$	0.036	$	9.038	$0.27	9.31
Mar	2048	8.799	$	0.007	$	8.806	$0.27	9.07
Apr	2048	8.672	$	0.022	$	8.694	$0.27	8.96
May	2048	8.721	$	0.032	$	8.753	$0.27	9.02
Jun	2048	8.811	$	0.099	$	8.910	$0.27	9.18
Jul	2048	9.345	$	0.136	$	9.480	$0.29	9.77
Aug	2048	9.410	$	0.181	$	9.591	$0.29	9.88
Sep	2048	9.428	$	0.072	$	9.500	$0.29	9.79
Oct	2048	9.043	$	0.058	$	9.101	$0.28	9.38
Nov	2048	9.185	$	0.046	$	9.231	$0.28	9.51
Dec	2048	9.448	$	0.061	$	9.509	$0.29	9.80
Jan	2049	9.502	$	0.085	$	9.587	$0.29	9.88
Feb	2049	9.512	$	0.031	$	9.544	$0.29	9.83
Mar	2049	9.452	$	0.007	$	9.458	$0.29	9.74
Apr	2049	9.346	$	0.019	$	9.365	$0.28	9.65
May	2049	8.991	$	0.033	$	9.023	$0.27	9.30
Jun	2049	9.041	$	0.089	$	9.130	$0.28	9.41
Jul	2049	9.257	$	0.124	$	9.381	$0.28	9.66
Aug	2049	9.309	$	0.151	$	9.460	$0.29	9.75
Sep	2049	9.142	$	0.071	$	9.214	$0.28	9.49
Oct	2049	8.977	$	0.058	$	9.035	$0.27	9.31
Nov	2049	9.324	$	0.046	$	9.370	$0.28	9.65
Dec	2049	9.702	$	0.062	$	9.764	$0.29	10.06
Jan	2050	9.755	$	0.086	$	9.841	$0.29	10.14
Feb	2050	9.783	$	0.033	$	9.816	$0.29	10.11
Mar	2050	9.486	$	0.006	$	9.492	$0.29	9.78
Apr	2050	9.015	$	0.023	$	9.038	$0.27	9.31
May	2050	9.058	$	0.032	$	9.090	$0.28	9.37
Jun	2050	9.108	$	0.097	$	9.204	$0.28	9.48
Jul	2050	9.393	$	0.124	$	9.517	$0.29	9.80
Aug	2050	9.450	$	0.158	$	9.608	$0.29	9.90
Sep	2050	9.423	$	0.072	$	9.496	$0.29	9.78
Oct	2050	9.119	$	0.063	$	9.182	$0.28	9.46
Nov	2050	9.368	$	0.047	$	9.416	$0.28	9.70
Dec	2050	9.683	$	0.065	$	9.748	$0.29	10.04

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DEF NATURAL GAS DISPATCH PRICES

Month	Year	Base HH Regular Supply Cost	Physical Basis FGT Z3	Base Cost Regular Supply Z3	FGT MMBTU Variable Cost	FGT Variable MMBTU Delivered Costs
Jan	2019	3.110	$ (0.046)	$ 3.064	$1.05	4.12
Feb	2019	2.690	$ (0.019)	$ 2.671	$1.04	3.72
Mar	2019	2.950	$ (0.003)	$ 2.947	$1.05	4.00
Apr	2019	2.650	$ (0.001)	$ 2.649	$1.04	3.69
May	2019	2.640	$ 0.005	$ 2.645	$1.04	3.69
Jun	2019	2.400	$ 0.037	$ 2.437	$1.04	3.48
Jul	2019	2.370	$ 0.048	$ 2.418	$1.04	3.46
Aug	2019	2.220	$ 0.056	$ 2.276	$1.03	3.31
Sep	2019	2.560	$ 0.016	$ 2.576	$1.04	3.62
Oct	2019	2.743	$ 0.010	$ 2.753	$1.05	3.80
Nov	2019	2.303	$ 0.012	$ 2.315	$1.04	3.35
Dec	2019	2.495	$ 0.023	$ 2.518	$1.04	3.56
Jan	2020	2.612	$ 0.035	$ 2.647	$1.04	3.69
Feb	2020	2.575	$ 0.024	$ 2.599	$1.04	3.64
Mar	2020	2.462	$ (0.020)	$ 2.442	$1.04	3.48
Apr	2020	2.247	$ (0.019)	$ 2.228	$1.03	3.26
May	2020	2.234	$ 0.005	$ 2.239	$1.03	3.27
Jun	2020	2.278	$ 0.026	$ 2.304	$1.04	3.34
Jul	2020	2.326	$ 0.048	$ 2.374	$1.04	3.41
Aug	2020	2.335	$ 0.055	$ 2.390	$1.04	3.43
Sep	2020	2.318	$ 0.012	$ 2.330	$1.04	3.37
Oct	2020	2.344	$ 0.016	$ 2.360	$1.04	3.40
Nov	2020	2.409	$ 0.025	$ 2.434	$1.04	3.47
Dec	2020	2.578	$ 0.034	$ 2.612	$1.04	3.65
Jan	2021	2.700	$ 0.038	$ 2.738	$1.05	3.78
Feb	2021	2.661	$ 0.033	$ 2.694	$1.04	3.74
Mar	2021	2.548	$ (0.015)	$ 2.533	$1.04	3.57
Apr	2021	2.284	$ (0.021)	$ 2.263	$1.03	3.30
May	2021	2.260	$ 0.005	$ 2.265	$1.03	3.30
Jun	2021	2.294	$ 0.025	$ 2.319	$1.04	3.35
Jul	2021	2.332	$ 0.047	$ 2.379	$1.04	3.42
Aug	2021	2.339	$ 0.058	$ 2.397	$1.04	3.43
Sep	2021	2.328	$ 0.011	$ 2.339	$1.04	3.37
Oct	2021	2.354	$ 0.018	$ 2.372	$1.04	3.41
Nov	2021	2.424	$ 0.027	$ 2.451	$1.04	3.49
Dec	2021	2.603	$ 0.038	$ 2.641	$1.04	3.68
Jan	2022	2.729	$ 0.041	$ 2.770	$1.05	3.82
Feb	2022	2.702	$ 0.036	$ 2.738	$1.05	3.78
Mar	2022	2.595	$ (0.013)	$ 2.582	$1.04	3.62
Apr	2022	2.340	$ (0.016)	$ 2.324	$1.04	3.36
May	2022	2.324	$ 0.007	$ 2.331	$1.04	3.37
Jun	2022	2.359	$ 0.034	$ 2.393	$1.04	3.43
Jul	2022	2.399	$ 0.059	$ 2.458	$1.04	3.50
Aug	2022	2.411	$ 0.066	$ 2.477	$1.04	3.52
Sep	2022	2.404	$ 0.021	$ 2.425	$1.04	3.46
Oct	2022	2.430	$ 0.024	$ 2.454	$1.04	3.49
Nov	2022	2.492	$ 0.034	$ 2.526	$1.04	3.57
Dec	2022	2.674	$ 0.044	$ 2.718	$1.05	3.76
Jan	2023	2.799	$ 0.052	$ 2.851	$1.05	3.90
Feb	2023	2.767	$ 0.047	$ 2.814	$1.05	3.86
Mar	2023	2.656	$ (0.003)	$ 2.653	$1.04	3.70
Apr	2023	2.401	$ (0.008)	$ 2.393	$1.04	3.43
May	2023	2.385	$ 0.016	$ 2.401	$1.04	3.44
Jun	2023	2.426	$ 0.042	$ 2.468	$1.04	3.51
Jul	2023	2.466	$ 0.068	$ 2.534	$1.04	3.57
Aug	2023	2.481	$ 0.076	$ 2.557	$1.04	3.60
Sep	2023	2.476	$ 0.029	$ 2.505	$1.04	3.55
Oct	2023	2.505	$ 0.030	$ 2.535	$1.04	3.58
Nov	2023	2.580	$ 0.037	$ 2.617	$1.04	3.66
Dec	2023	2.760	$ 0.053	$ 2.813	$1.05	3.86
Jan	2024	2.889	$ 0.058	$ 2.947	$1.05	4.00
Feb	2024	2.866	$ 0.050	$ 2.915	$1.05	3.97
Mar	2024	2.760	$ (0.002)	$ 2.758	$1.05	3.80

FGT - IT			
Current Yr	2019	√	DJ 10/11
Fuel Retention	2.44%	√	DJ 10/11
100%-B	97.56%		
Total Variable	0.9775		
Esc%	100.00%	√	DJ 10/11
Variable			
Usage Rate	0.9398	√	DJ 10/11
ACA	0.0013	√	DJ 10/11
UFS	0.0364	√	DJ 10/11
Total Variable	0.9775		

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Apr	2024	2.534	$ (0.007)	$	2.527	$1.04	3.57
May	2024	2.531	$ 0.017	$	2.548	$1.04	3.59
Jun	2024	2.573	$ 0.046	$	2.619	$1.04	3.66
Jul	2024	2.623	$ 0.077	$	2.700	$1.05	3.75
Aug	2024	2.644	$ 0.077	$	2.722	$1.05	3.77
Sep	2024	2.646	$ 0.047	$	2.693	$1.04	3.74
Oct	2024	2.672	$ 0.040	$	2.713	$1.05	3.76
Nov	2024	2.758	$ 0.044	$	2.802	$1.05	3.85
Dec	2024	2.940	$ 0.056	$	2.996	$1.05	4.05
Jan	2025	3.054	$ 0.061	$	3.115	$1.06	4.17
Feb	2025	3.048	$ 0.055	$	3.103	$1.06	4.16
Mar	2025	2.970	$ (0.001)	$	2.969	$1.05	4.02
Apr	2025	2.799	$ (0.011)	$	2.789	$1.05	3.84
May	2025	2.811	$ 0.016	$	2.826	$1.05	3.87
Jun	2025	2.854	$ 0.054	$	2.908	$1.05	3.96
Jul	2025	2.948	$ 0.078	$	3.027	$1.05	4.08
Aug	2025	2.980	$ 0.078	$	3.058	$1.05	4.11
Sep	2025	2.883	$ 0.045	$	2.928	$1.05	3.98
Oct	2025	2.903	$ 0.035	$	2.938	$1.05	3.99
Nov	2025	2.990	$ 0.036	$	3.026	$1.05	4.08
Dec	2025	3.163	$ 0.051	$	3.214	$1.06	4.27
Jan	2026	3.255	$ 0.057	$	3.311	$1.06	4.37
Feb	2026	3.255	$ 0.053	$	3.308	$1.06	4.37
Mar	2026	3.176	$ (0.003)	$	3.172	$1.06	4.23
Apr	2026	3.042	$ (0.001)	$	3.041	$1.05	4.09
May	2026	3.061	$ 0.022	$	3.083	$1.05	4.14
Jun	2026	3.116	$ 0.053	$	3.169	$1.06	4.23
Jul	2026	3.276	$ 0.077	$	3.353	$1.06	4.41
Aug	2026	3.318	$ 0.078	$	3.396	$1.06	4.46
Sep	2026	3.252	$ 0.041	$	3.293	$1.06	4.35
Oct	2026	3.247	$ 0.034	$	3.280	$1.06	4.34
Nov	2026	3.322	$ 0.042	$	3.364	$1.06	4.43
Dec	2026	3.506	$ 0.054	$	3.559	$1.07	4.63
Jan	2027	3.583	$ 0.062	$	3.645	$1.07	4.71
Feb	2027	3.604	$ 0.057	$	3.661	$1.07	4.73
Mar	2027	3.551	$ (0.002)	$	3.549	$1.07	4.62
Apr	2027	3.396	$ (0.002)	$	3.394	$1.06	4.46
May	2027	3.424	$ 0.021	$	3.445	$1.06	4.51
Jun	2027	3.498	$ 0.051	$	3.549	$1.07	4.62
Jul	2027	3.731	$ 0.079	$	3.809	$1.07	4.88
Aug	2027	3.778	$ 0.082	$	3.860	$1.07	4.93
Sep	2027	3.768	$ 0.043	$	3.812	$1.07	4.88
Oct	2027	3.651	$ 0.038	$	3.690	$1.07	4.76
Nov	2027	3.730	$ 0.043	$	3.773	$1.07	4.84
Dec	2027	3.930	$ 0.054	$	3.984	$1.08	5.06
Jan	2028	3.993	$ 0.063	$	4.056	$1.08	5.13
Feb	2028	4.025	$ 0.047	$	4.072	$1.08	5.15
Mar	2028	3.948	$ (0.002)	$	3.946	$1.08	5.02
Apr	2028	3.907	$ (0.006)	$	3.900	$1.08	4.98
May	2028	3.947	$ 0.024	$	3.971	$1.08	5.05
Jun	2028	4.139	$ 0.059	$	4.198	$1.08	5.28
Jul	2028	4.159	$ 0.091	$	4.250	$1.08	5.33
Aug	2028	4.214	$ 0.089	$	4.304	$1.09	5.39
Sep	2028	4.278	$ 0.048	$	4.325	$1.09	5.41
Oct	2028	4.263	$ 0.044	$	4.307	$1.09	5.39
Nov	2028	4.329	$ 0.046	$	4.375	$1.09	5.46
Dec	2028	4.599	$ 0.054	$	4.653	$1.09	5.75
Jan	2029	4.640	$ 0.075	$	4.716	$1.10	5.81
Feb	2029	4.669	$ 0.068	$	4.737	$1.10	5.83
Mar	2029	4.455	$ 0.007	$	4.462	$1.09	5.55
Apr	2029	4.470	$ 0.002	$	4.472	$1.09	5.56
May	2029	4.534	$ 0.027	$	4.561	$1.09	5.65
Jun	2029	4.657	$ 0.062	$	4.719	$1.10	5.81
Jul	2029	4.385	$ 0.091	$	4.476	$1.09	5.57
Aug	2029	4.417	$ 0.098	$	4.516	$1.09	5.61
Sep	2029	4.535	$ 0.053	$	4.588	$1.09	5.68
Oct	2029	4.525	$ 0.040	$	4.565	$1.09	5.66
Nov	2029	4.430	$ 0.063	$	4.492	$1.09	5.58
Dec	2029	4.634	$ 0.062	$	4.696	$1.09	5.79

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Jan	2030	4.665	$ 0.075	$ 4.740	$1.10	5.84	
Feb	2030	4.694	$ 0.069	$ 4.763	$1.10	5.86	
Mar	2030	4.583	$ 0.004	$ 4.587	$1.09	5.68	
Apr	2030	4.550	$ (0.008)	$ 4.543	$1.09	5.63	
May	2030	4.578	$ 0.029	$ 4.607	$1.09	5.70	
Jun	2030	4.653	$ 0.069	$ 4.721	$1.10	5.82	
Jul	2030	4.983	$ 0.104	$ 5.086	$1.10	6.19	
Aug	2030	5.019	$ 0.113	$ 5.132	$1.11	6.24	
Sep	2030	4.946	$ 0.056	$ 5.002	$1.10	6.10	
Oct	2030	4.722	$ 0.053	$ 4.775	$1.10	5.87	
Nov	2030	4.635	$ 0.056	$ 4.692	$1.09	5.79	
Dec	2030	4.861	$ 0.064	$ 4.925	$1.10	6.03	
Jan	2031	4.892	$ 0.098	$ 4.989	$1.10	6.09	
Feb	2031	4.922	$ 0.092	$ 5.015	$1.10	6.12	
Mar	2031	4.825	$ 0.019	$ 4.845	$1.10	5.94	
Apr	2031	4.785	$ 0.000	$ 4.785	$1.10	5.88	
May	2031	4.814	$ 0.055	$ 4.869	$1.10	5.97	
Jun	2031	4.879	$ 0.082	$ 4.962	$1.10	6.06	
Jul	2031	5.209	$ 0.116	$ 5.325	$1.11	6.44	
Aug	2031	5.261	$ 0.139	$ 5.400	$1.11	6.51	
Sep	2031	5.164	$ 0.086	$ 5.250	$1.11	6.36	
Oct	2031	5.003	$ 0.082	$ 5.085	$1.10	6.19	
Nov	2031	5.073	$ 0.066	$ 5.139	$1.11	6.25	
Dec	2031	5.249	$ 0.082	$ 5.330	$1.11	6.44	
Jan	2032	5.281	$ 0.106	$ 5.388	$1.11	6.50	
Feb	2032	5.310	$ 0.077	$ 5.387	$1.11	6.50	
Mar	2032	5.289	$ 0.050	$ 5.339	$1.11	6.45	
Apr	2032	5.127	$ 0.026	$ 5.153	$1.11	6.26	
May	2032	5.155	$ 0.069	$ 5.224	$1.11	6.33	
Jun	2032	5.188	$ 0.095	$ 5.283	$1.11	6.39	
Jul	2032	5.333	$ 0.136	$ 5.469	$1.11	6.58	
Aug	2032	5.378	$ 0.159	$ 5.538	$1.12	6.65	
Sep	2032	5.301	$ 0.091	$ 5.392	$1.11	6.50	
Oct	2032	5.266	$ 0.088	$ 5.355	$1.11	6.47	
Nov	2032	5.389	$ 0.053	$ 5.443	$1.11	6.56	
Dec	2032	5.402	$ 0.072	$ 5.475	$1.11	6.59	
Jan	2033	5.137	$ 0.093	$ 5.230	$1.11	6.34	
Feb	2033	5.172	$ 0.091	$ 5.263	$1.11	6.37	
Mar	2033	5.121	$ 0.022	$ 5.143	$1.11	6.25	
Apr	2033	5.120	$ 0.016	$ 5.136	$1.11	6.24	
May	2033	5.153	$ 0.032	$ 5.185	$1.11	6.29	
Jun	2033	5.189	$ 0.080	$ 5.269	$1.11	6.38	
Jul	2033	5.348	$ 0.119	$ 5.467	$1.11	6.58	
Aug	2033	5.395	$ 0.127	$ 5.522	$1.12	6.64	
Sep	2033	5.324	$ 0.068	$ 5.393	$1.11	6.51	
Oct	2033	5.275	$ 0.053	$ 5.328	$1.11	6.44	
Nov	2033	5.430	$ 0.033	$ 5.463	$1.11	6.58	
Dec	2033	5.620	$ 0.047	$ 5.668	$1.12	6.79	
Jan	2034	5.658	$ 0.080	$ 5.738	$1.12	6.86	
Feb	2034	5.495	$ 0.056	$ 5.550	$1.12	6.67	
Mar	2034	5.336	$ (0.008)	$ 5.328	$1.11	6.44	
Apr	2034	5.273	$ 0.009	$ 5.282	$1.11	6.39	
May	2034	5.307	$ 0.039	$ 5.346	$1.11	6.46	
Jun	2034	5.342	$ 0.084	$ 5.426	$1.11	6.54	
Jul	2034	5.598	$ 0.125	$ 5.723	$1.12	6.84	
Aug	2034	5.641	$ 0.144	$ 5.785	$1.12	6.91	
Sep	2034	5.534	$ 0.074	$ 5.608	$1.12	6.73	
Oct	2034	5.398	$ 0.049	$ 5.447	$1.11	6.56	
Nov	2034	5.631	$ 0.034	$ 5.665	$1.12	6.78	
Dec	2034	5.829	$ 0.055	$ 5.884	$1.12	7.01	
Jan	2035	5.870	$ 0.086	$ 5.956	$1.13	7.08	
Feb	2035	5.900	$ 0.065	$ 5.965	$1.13	7.09	
Mar	2035	5.720	$ 0.018	$ 5.739	$1.12	6.86	
Apr	2035	5.462	$ 0.023	$ 5.485	$1.11	6.60	
May	2035	5.496	$ 0.046	$ 5.542	$1.12	6.66	
Jun	2035	5.531	$ 0.091	$ 5.623	$1.12	6.74	
Jul	2035	5.817	$ 0.130	$ 5.947	$1.13	7.07	
Aug	2035	5.854	$ 0.147	$ 6.001	$1.13	7.13	
Sep	2035	5.756	$ 0.075	$ 5.831	$1.12	6.95	

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Oct	2035	5.608	$ 0.048	$ 5.656	$1.12	6.77	
Nov	2035	5.657	$ 0.033	$ 5.690	$1.12	6.81	
Dec	2035	5.813	$ 0.058	$ 5.872	$1.12	7.00	
Jan	2036	5.851	$ 0.093	$ 5.944	$1.13	7.07	
Feb	2036	5.876	$ 0.034	$ 5.911	$1.13	7.04	
Mar	2036	5.778	$ 0.020	$ 5.798	$1.12	6.92	
Apr	2036	5.552	$ 0.023	$ 5.575	$1.12	6.69	
May	2036	5.586	$ 0.049	$ 5.636	$1.12	6.75	
Jun	2036	5.627	$ 0.096	$ 5.723	$1.12	6.84	
Jul	2036	5.794	$ 0.135	$ 5.929	$1.13	7.05	
Aug	2036	5.835	$ 0.150	$ 5.985	$1.13	7.11	
Sep	2036	5.807	$ 0.089	$ 5.896	$1.12	7.02	
Oct	2036	5.768	$ 0.076	$ 5.844	$1.12	6.97	
Nov	2036	5.846	$ 0.051	$ 5.897	$1.12	7.02	
Dec	2036	6.113	$ 0.064	$ 6.177	$1.13	7.31	
Jan	2037	6.160	$ 0.105	$ 6.266	$1.13	7.40	
Feb	2037	6.199	$ 0.081	$ 6.281	$1.13	7.42	
Mar	2037	6.107	$ 0.024	$ 6.132	$1.13	7.26	
Apr	2037	5.931	$ 0.021	$ 5.952	$1.13	7.08	
May	2037	5.968	$ 0.055	$ 6.023	$1.13	7.15	
Jun	2037	6.027	$ 0.111	$ 6.138	$1.13	7.27	
Jul	2037	6.286	$ 0.147	$ 6.433	$1.14	7.57	
Aug	2037	6.327	$ 0.147	$ 6.474	$1.14	7.61	
Sep	2037	6.240	$ 0.096	$ 6.336	$1.14	7.47	
Oct	2037	6.172	$ 0.074	$ 6.246	$1.13	7.38	
Nov	2037	6.250	$ 0.052	$ 6.302	$1.14	7.44	
Dec	2037	6.511	$ 0.078	$ 6.589	$1.14	7.73	
Jan	2038	6.552	$ 0.111	$ 6.663	$1.14	7.81	
Feb	2038	6.592	$ 0.088	$ 6.681	$1.14	7.83	
Mar	2038	6.491	$ 0.026	$ 6.517	$1.14	7.66	
Apr	2038	6.270	$ 0.044	$ 6.314	$1.14	7.45	
May	2038	6.308	$ 0.060	$ 6.369	$1.14	7.51	
Jun	2038	6.354	$ 0.118	$ 6.472	$1.14	7.61	
Jul	2038	6.534	$ 0.152	$ 6.686	$1.14	7.83	
Aug	2038	6.580	$ 0.145	$ 6.725	$1.15	7.87	
Sep	2038	6.432	$ 0.104	$ 6.536	$1.14	7.68	
Oct	2038	6.367	$ 0.064	$ 6.431	$1.14	7.57	
Nov	2038	6.473	$ 0.073	$ 6.546	$1.14	7.69	
Dec	2038	6.705	$ 0.100	$ 6.805	$1.15	7.95	
Jan	2039	6.748	$ 0.119	$ 6.866	$1.15	8.02	
Feb	2039	6.789	$ 0.101	$ 6.891	$1.15	8.04	
Mar	2039	6.627	$ 0.032	$ 6.660	$1.14	7.80	
Apr	2039	6.202	$ 0.041	$ 6.243	$1.13	7.38	
May	2039	6.237	$ 0.052	$ 6.290	$1.13	7.42	
Jun	2039	6.278	$ 0.115	$ 6.392	$1.14	7.53	
Jul	2039	6.341	$ 0.129	$ 6.470	$1.14	7.61	
Aug	2039	6.890	$ 0.145	$ 7.035	$1.15	8.19	
Sep	2039	6.860	$ 0.088	$ 6.948	$1.15	8.10	
Oct	2039	6.605	$ 0.081	$ 6.686	$1.14	7.83	
Nov	2039	6.680	$ 0.063	$ 6.743	$1.15	7.89	
Dec	2039	6.885	$ 0.087	$ 6.971	$1.15	8.12	
Jan	2040	6.925	$ 0.098	$ 7.023	$1.15	8.18	
Feb	2040	6.962	$ 0.061	$ 7.022	$1.15	8.18	
Mar	2040	6.849	$ 0.033	$ 6.882	$1.15	8.03	
Apr	2040	6.622	$ 0.013	$ 6.635	$1.14	7.78	
May	2040	6.660	$ 0.058	$ 6.718	$1.15	7.86	
Jun	2040	6.717	$ 0.108	$ 6.824	$1.15	7.97	
Jul	2040	6.962	$ 0.144	$ 7.107	$1.16	8.26	
Aug	2040	7.005	$ 0.155	$ 7.160	$1.16	8.32	
Sep	2040	6.991	$ 0.098	$ 7.089	$1.15	8.24	
Oct	2040	6.835	$ 0.086	$ 6.921	$1.15	8.07	
Nov	2040	6.907	$ 0.069	$ 6.976	$1.15	8.13	
Dec	2040	7.143	$ 0.111	$ 7.255	$1.16	8.41	
Jan	2041	7.186	$ 0.113	$ 7.298	$1.16	8.46	
Feb	2041	7.213	$ 0.083	$ 7.296	$1.16	8.46	
Mar	2041	7.060	$ 0.037	$ 7.097	$1.15	8.25	
Apr	2041	6.802	$ 0.048	$ 6.850	$1.15	8.00	
May	2041	6.844	$ 0.061	$ 6.905	$1.15	8.06	
Jun	2041	6.917	$ 0.124	$ 7.041	$1.15	8.19	

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Jul	2041	7.221	$ 0.166	$ 7.387	$1.16	8.55	
Aug	2041	7.264	$ 0.158	$ 7.421	$1.16	8.58	
Sep	2041	7.266	$ 0.116	$ 7.382	$1.16	8.54	
Oct	2041	7.027	$ 0.061	$ 7.088	$1.15	8.24	
Nov	2041	7.157	$ 0.077	$ 7.234	$1.16	8.39	
Dec	2041	7.359	$ 0.127	$ 7.486	$1.16	8.65	
Jan	2042	7.402	$ 0.120	$ 7.523	$1.17	8.69	
Feb	2042	7.433	$ 0.089	$ 7.522	$1.17	8.69	
Mar	2042	7.276	$ 0.033	$ 7.309	$1.16	8.47	
Apr	2042	7.072	$ 0.045	$ 7.117	$1.16	8.27	
May	2042	7.115	$ 0.063	$ 7.179	$1.16	8.34	
Jun	2042	7.185	$ 0.134	$ 7.319	$1.16	8.48	
Jul	2042	7.551	$ 0.168	$ 7.719	$1.17	8.89	
Aug	2042	7.599	$ 0.171	$ 7.770	$1.17	8.94	
Sep	2042	7.574	$ 0.120	$ 7.694	$1.17	8.86	
Oct	2042	7.314	$ 0.080	$ 7.394	$1.16	8.56	
Nov	2042	7.355	$ 0.075	$ 7.429	$1.16	8.59	
Dec	2042	7.587	$ 0.102	$ 7.689	$1.17	8.86	
Jan	2043	7.632	$ 0.105	$ 7.737	$1.17	8.91	
Feb	2043	7.656	$ 0.058	$ 7.715	$1.17	8.89	
Mar	2043	7.507	$ 0.035	$ 7.542	$1.17	8.71	
Apr	2043	7.246	$ 0.028	$ 7.275	$1.16	8.43	
May	2043	7.291	$ 0.050	$ 7.341	$1.16	8.50	
Jun	2043	7.346	$ 0.106	$ 7.452	$1.16	8.62	
Jul	2043	7.705	$ 0.164	$ 7.869	$1.17	9.04	
Aug	2043	7.751	$ 0.156	$ 7.907	$1.18	9.08	
Sep	2043	7.776	$ 0.091	$ 7.866	$1.17	9.04	
Oct	2043	7.486	$ 0.077	$ 7.562	$1.17	8.73	
Nov	2043	7.551	$ 0.066	$ 7.617	$1.17	8.79	
Dec	2043	7.795	$ 0.097	$ 7.892	$1.17	9.07	
Jan	2044	7.843	$ 0.099	$ 7.942	$1.18	9.12	
Feb	2044	7.877	$ 0.059	$ 7.936	$1.18	9.11	
Mar	2044	7.712	$ 0.025	$ 7.737	$1.17	8.91	
Apr	2044	7.571	$ 0.029	$ 7.600	$1.17	8.77	
May	2044	7.615	$ 0.040	$ 7.655	$1.17	8.82	
Jun	2044	7.661	$ 0.105	$ 7.766	$1.17	8.94	
Jul	2044	8.012	$ 0.160	$ 8.173	$1.18	9.35	
Aug	2044	8.062	$ 0.162	$ 8.224	$1.18	9.41	
Sep	2044	8.047	$ 0.080	$ 8.127	$1.18	9.31	
Oct	2044	7.844	$ 0.045	$ 7.889	$1.17	9.06	
Nov	2044	7.965	$ 0.060	$ 8.025	$1.18	9.20	
Dec	2044	8.212	$ 0.099	$ 8.311	$1.19	9.50	
Jan	2045	8.261	$ 0.107	$ 8.368	$1.19	9.55	
Feb	2045	8.310	$ 0.056	$ 8.366	$1.19	9.55	
Mar	2045	8.177	$ 0.031	$ 8.208	$1.18	9.39	
Apr	2045	7.989	$ 0.026	$ 8.015	$1.18	9.19	
May	2045	8.031	$ 0.042	$ 8.072	$1.18	9.25	
Jun	2045	8.080	$ 0.109	$ 8.189	$1.18	9.37	
Jul	2045	8.453	$ 0.157	$ 8.610	$1.19	9.80	
Aug	2045	8.506	$ 0.169	$ 8.676	$1.19	9.87	
Sep	2045	8.521	$ 0.085	$ 8.606	$1.19	9.80	
Oct	2045	8.268	$ 0.062	$ 8.331	$1.19	9.52	
Nov	2045	8.402	$ 0.062	$ 8.464	$1.19	9.65	
Dec	2045	8.652	$ 0.096	$ 8.748	$1.20	9.94	
Jan	2046	8.703	$ 0.115	$ 8.818	$1.20	10.02	
Feb	2046	8.730	$ 0.062	$ 8.792	$1.20	9.99	
Mar	2046	8.526	$ 0.022	$ 8.549	$1.19	9.74	
Apr	2046	8.288	$ 0.018	$ 8.306	$1.19	9.49	
May	2046	8.324	$ 0.043	$ 8.368	$1.19	9.55	
Jun	2046	8.374	$ 0.110	$ 8.484	$1.19	9.67	
Jul	2046	8.801	$ 0.158	$ 8.959	$1.20	10.16	
Aug	2046	8.857	$ 0.176	$ 9.033	$1.20	10.24	
Sep	2046	8.828	$ 0.081	$ 8.909	$1.20	10.11	
Oct	2046	8.549	$ 0.062	$ 8.611	$1.19	9.80	
Nov	2046	8.628	$ 0.064	$ 8.692	$1.19	9.89	
Dec	2046	8.854	$ 0.103	$ 8.957	$1.20	10.16	
Jan	2047	8.906	$ 0.126	$ 9.032	$1.20	10.24	
Feb	2047	8.921	$ 0.058	$ 8.979	$1.20	10.18	
Mar	2047	8.604	$ 0.019	$ 8.622	$1.19	9.82	

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Apr	2047	8.403	$	0.022	$	8.425	$1.19	9.61
May	2047	8.437	$	0.039	$	8.476	$1.19	9.67
Jun	2047	8.486	$	0.123	$	8.610	$1.19	9.80
Jul	2047	8.902	$	0.165	$	9.067	$1.20	10.27
Aug	2047	8.958	$	0.182	$	9.140	$1.21	10.35
Sep	2047	8.954	$	0.088	$	9.042	$1.20	10.25
Oct	2047	8.794	$	0.052	$	8.846	$1.20	10.04
Nov	2047	8.872	$	0.052	$	8.924	$1.20	10.12
Dec	2047	8.907	$	0.093	$	9.001	$1.20	10.20
Jan	2048	8.959	$	0.109	$	9.068	$1.20	10.27
Feb	2048	9.002	$	0.036	$	9.038	$1.20	10.24
Mar	2048	8.799	$	0.007	$	8.806	$1.20	10.00
Apr	2048	8.672	$	0.022	$	8.694	$1.19	9.89
May	2048	8.721	$	0.032	$	8.753	$1.20	9.95
Jun	2048	8.811	$	0.099	$	8.910	$1.20	10.11
Jul	2048	9.345	$	0.136	$	9.480	$1.21	10.69
Aug	2048	9.410	$	0.181	$	9.591	$1.22	10.81
Sep	2048	9.428	$	0.072	$	9.500	$1.22	10.72
Oct	2048	9.043	$	0.058	$	9.101	$1.21	10.31
Nov	2048	9.185	$	0.046	$	9.231	$1.21	10.44
Dec	2048	9.448	$	0.061	$	9.509	$1.22	10.72
Jan	2049	9.502	$	0.085	$	9.587	$1.22	10.80
Feb	2049	9.512	$	0.031	$	9.544	$1.22	10.76
Mar	2049	9.452	$	0.007	$	9.458	$1.21	10.67
Apr	2049	9.346	$	0.019	$	9.365	$1.21	10.58
May	2049	8.991	$	0.033	$	9.023	$1.20	10.23
Jun	2049	9.041	$	0.089	$	9.130	$1.21	10.34
Jul	2049	9.257	$	0.124	$	9.381	$1.21	10.59
Aug	2049	9.309	$	0.151	$	9.460	$1.21	10.67
Sep	2049	9.142	$	0.071	$	9.214	$1.21	10.42
Oct	2049	8.977	$	0.058	$	9.035	$1.20	10.24
Nov	2049	9.324	$	0.046	$	9.370	$1.21	10.58
Dec	2049	9.702	$	0.062	$	9.764	$1.22	10.99
Jan	2050	9.755	$	0.086	$	9.841	$1.22	11.06
Feb	2050	9.783	$	0.033	$	9.816	$1.22	11.04
Mar	2050	9.486	$	0.006	$	9.492	$1.21	10.71
Apr	2050	9.015	$	0.023	$	9.038	$1.20	10.24
May	2050	9.058	$	0.032	$	9.090	$1.20	10.29
Jun	2050	9.108	$	0.097	$	9.204	$1.21	10.41
Jul	2050	9.393	$	0.124	$	9.517	$1.22	10.73
Aug	2050	9.450	$	0.158	$	9.608	$1.22	10.83
Sep	2050	9.423	$	0.072	$	9.496	$1.21	10.71
Oct	2050	9.119	$	0.063	$	9.182	$1.21	10.39
Nov	2050	9.368	$	0.047	$	9.416	$1.21	10.63
Dec	2050	9.683	$	0.065	$	9.748	$1.22	10.97

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DEF NATURAL GAS DISPATCH PRICES

Month	Year	Base HH Regular Supply Cost	Physical Basis FGT Z3	Base Cost Regular Supply Z3	FGT MMBTU Variable Cost	FGT Variable MMBTU Delivered Costs
Jan	2019	3.110	$ (0.046)	$ 3.064	$0.23	3.29
Feb	2019	2.690	$ (0.019)	$ 2.671	$0.22	2.89
Mar	2019	2.950	$ (0.003)	$ 2.947	$0.22	3.17
Apr	2019	2.650	$ (0.001)	$ 2.649	$0.21	2.86
May	2019	2.640	$ 0.005	$ 2.645	$0.21	2.86
Jun	2019	2.400	$ 0.037	$ 2.437	$0.21	2.65
Jul	2019	2.370	$ 0.048	$ 2.418	$0.21	2.63
Aug	2019	2.220	$ 0.056	$ 2.276	$0.21	2.48
Sep	2019	2.560	$ 0.016	$ 2.576	$0.21	2.79
Oct	2019	2.743	$ 0.010	$ 2.753	$0.22	2.97
Nov	2019	2.303	$ 0.012	$ 2.315	$0.21	2.52
Dec	2019	2.495	$ 0.023	$ 2.518	$0.21	2.73
Jan	2020	2.612	$ 0.035	$ 2.647	$0.21	2.86
Feb	2020	2.575	$ 0.024	$ 2.599	$0.21	2.81
Mar	2020	2.462	$ (0.020)	$ 2.442	$0.21	2.65
Apr	2020	2.247	$ (0.019)	$ 2.228	$0.20	2.43
May	2020	2.234	$ 0.005	$ 2.239	$0.20	2.44
Jun	2020	2.278	$ 0.026	$ 2.304	$0.21	2.51
Jul	2020	2.326	$ 0.048	$ 2.374	$0.21	2.58
Aug	2020	2.335	$ 0.055	$ 2.390	$0.21	2.60
Sep	2020	2.318	$ 0.012	$ 2.330	$0.21	2.54
Oct	2020	2.344	$ 0.016	$ 2.360	$0.21	2.57
Nov	2020	2.409	$ 0.025	$ 2.434	$0.21	2.64
Dec	2020	2.578	$ 0.034	$ 2.612	$0.21	2.83
Jan	2021	2.700	$ 0.038	$ 2.738	$0.22	2.96
Feb	2021	2.661	$ 0.033	$ 2.694	$0.22	2.91
Mar	2021	2.548	$ (0.015)	$ 2.533	$0.21	2.74
Apr	2021	2.284	$ (0.021)	$ 2.263	$0.21	2.47
May	2021	2.260	$ 0.005	$ 2.265	$0.21	2.47
Jun	2021	2.294	$ 0.025	$ 2.319	$0.21	2.53
Jul	2021	2.332	$ 0.047	$ 2.379	$0.21	2.59
Aug	2021	2.339	$ 0.058	$ 2.397	$0.21	2.61
Sep	2021	2.328	$ 0.011	$ 2.339	$0.21	2.55
Oct	2021	2.354	$ 0.018	$ 2.372	$0.21	2.58
Nov	2021	2.424	$ 0.027	$ 2.451	$0.21	2.66
Dec	2021	2.603	$ 0.038	$ 2.641	$0.21	2.86
Jan	2022	2.729	$ 0.041	$ 2.770	$0.22	2.99
Feb	2022	2.702	$ 0.036	$ 2.738	$0.22	2.96
Mar	2022	2.595	$ (0.013)	$ 2.582	$0.21	2.80
Apr	2022	2.340	$ (0.016)	$ 2.324	$0.21	2.53
May	2022	2.324	$ 0.007	$ 2.331	$0.21	2.54
Jun	2022	2.359	$ 0.034	$ 2.393	$0.21	2.60
Jul	2022	2.399	$ 0.059	$ 2.458	$0.21	2.67
Aug	2022	2.411	$ 0.066	$ 2.477	$0.21	2.69
Sep	2022	2.404	$ 0.021	$ 2.425	$0.21	2.63
Oct	2022	2.430	$ 0.024	$ 2.454	$0.21	2.66
Nov	2022	2.492	$ 0.034	$ 2.526	$0.21	2.74
Dec	2022	2.674	$ 0.044	$ 2.718	$0.22	2.93
Jan	2023	2.799	$ 0.052	$ 2.851	$0.22	3.07
Feb	2023	2.767	$ 0.047	$ 2.814	$0.22	3.03
Mar	2023	2.656	$ (0.003)	$ 2.653	$0.21	2.87
Apr	2023	2.401	$ (0.008)	$ 2.393	$0.21	2.60
May	2023	2.385	$ 0.016	$ 2.401	$0.21	2.61
Jun	2023	2.426	$ 0.042	$ 2.468	$0.21	2.68
Jul	2023	2.466	$ 0.068	$ 2.534	$0.21	2.75
Aug	2023	2.481	$ 0.076	$ 2.557	$0.21	2.77
Sep	2023	2.476	$ 0.029	$ 2.505	$0.21	2.72
Oct	2023	2.505	$ 0.030	$ 2.535	$0.21	2.75
Nov	2023	2.580	$ 0.037	$ 2.617	$0.21	2.83
Dec	2023	2.760	$ 0.053	$ 2.813	$0.22	3.03
Jan	2024	2.889	$ 0.058	$ 2.947	$0.22	3.17
Feb	2024	2.866	$ 0.050	$ 2.915	$0.22	3.14
Mar	2024	2.760	$ (0.002)	$ 2.758	$0.22	2.98
Apr	2024	2.534	$ (0.007)	$ 2.527	$0.21	2.74
May	2024	2.531	$ 0.017	$ 2.548	$0.21	2.76
Jun	2024	2.573	$ 0.046	$ 2.619	$0.21	2.83

FGT Firm - U of F			
Current Yr	2019	√	DJ 10/11
Fuel Retentior	2.44%		
100%-B	97.56%		
Total Variable	0.1486		
Esc%	100.00%	√	DJ 10/11
Variable			
FGT Firm - Usage Rate	0.0109		
ACA	0.0013		
UFS	0.0364		
U of F - Usage Rate	0.1000	√	DJ 10/11
Total Variable	0.1486		

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Jul	2024	2.623	$	0.077	$	2.700	$0.22	2.92
Aug	2024	2.644	$	0.077	$	2.722	$0.22	2.94
Sep	2024	2.646	$	0.047	$	2.693	$0.22	2.91
Oct	2024	2.672	$	0.040	$	2.713	$0.22	2.93
Nov	2024	2.758	$	0.044	$	2.802	$0.22	3.02
Dec	2024	2.940	$	0.056	$	2.996	$0.22	3.22
Jan	2025	3.054	$	0.061	$	3.115	$0.23	3.34
Feb	2025	3.048	$	0.055	$	3.103	$0.23	3.33
Mar	2025	2.970	$	(0.001)	$	2.969	$0.22	3.19
Apr	2025	2.799	$	(0.011)	$	2.789	$0.22	3.01
May	2025	2.811	$	0.016	$	2.826	$0.22	3.05
Jun	2025	2.854	$	0.054	$	2.908	$0.22	3.13
Jul	2025	2.948	$	0.078	$	3.027	$0.22	3.25
Aug	2025	2.980	$	0.078	$	3.058	$0.23	3.28
Sep	2025	2.883	$	0.045	$	2.928	$0.22	3.15
Oct	2025	2.903	$	0.035	$	2.938	$0.22	3.16
Nov	2025	2.990	$	0.036	$	3.026	$0.22	3.25
Dec	2025	3.163	$	0.051	$	3.214	$0.23	3.44
Jan	2026	3.255	$	0.057	$	3.311	$0.23	3.54
Feb	2026	3.255	$	0.053	$	3.308	$0.23	3.54
Mar	2026	3.176	$	(0.003)	$	3.172	$0.23	3.40
Apr	2026	3.042	$	(0.001)	$	3.041	$0.22	3.27
May	2026	3.061	$	0.022	$	3.083	$0.23	3.31
Jun	2026	3.116	$	0.053	$	3.169	$0.23	3.40
Jul	2026	3.276	$	0.077	$	3.353	$0.23	3.59
Aug	2026	3.318	$	0.078	$	3.396	$0.23	3.63
Sep	2026	3.252	$	0.041	$	3.293	$0.23	3.52
Oct	2026	3.247	$	0.034	$	3.280	$0.23	3.51
Nov	2026	3.322	$	0.042	$	3.364	$0.23	3.60
Dec	2026	3.506	$	0.054	$	3.559	$0.24	3.80
Jan	2027	3.583	$	0.062	$	3.645	$0.24	3.88
Feb	2027	3.604	$	0.057	$	3.661	$0.24	3.90
Mar	2027	3.551	$	(0.002)	$	3.549	$0.24	3.79
Apr	2027	3.396	$	(0.002)	$	3.394	$0.23	3.63
May	2027	3.424	$	0.021	$	3.445	$0.23	3.68
Jun	2027	3.498	$	0.051	$	3.549	$0.24	3.79
Jul	2027	3.731	$	0.079	$	3.809	$0.24	4.05
Aug	2027	3.778	$	0.082	$	3.860	$0.25	4.11
Sep	2027	3.768	$	0.043	$	3.812	$0.24	4.06
Oct	2027	3.651	$	0.038	$	3.690	$0.24	3.93
Nov	2027	3.730	$	0.043	$	3.773	$0.24	4.02
Dec	2027	3.930	$	0.054	$	3.984	$0.25	4.23
Jan	2028	3.993	$	0.063	$	4.056	$0.25	4.31
Feb	2028	4.025	$	0.047	$	4.072	$0.25	4.32
Mar	2028	3.948	$	(0.002)	$	3.946	$0.25	4.19
Apr	2028	3.907	$	(0.006)	$	3.900	$0.25	4.15
May	2028	3.947	$	0.024	$	3.971	$0.25	4.22
Jun	2028	4.139	$	0.059	$	4.198	$0.25	4.45
Jul	2028	4.159	$	0.091	$	4.250	$0.25	4.50
Aug	2028	4.214	$	0.089	$	4.304	$0.26	4.56
Sep	2028	4.278	$	0.048	$	4.325	$0.26	4.58
Oct	2028	4.263	$	0.044	$	4.307	$0.26	4.56
Nov	2028	4.329	$	0.046	$	4.375	$0.26	4.63
Dec	2028	4.599	$	0.054	$	4.653	$0.26	4.92
Jan	2029	4.640	$	0.075	$	4.716	$0.27	4.98
Feb	2029	4.669	$	0.068	$	4.737	$0.27	5.00
Mar	2029	4.455	$	0.007	$	4.462	$0.26	4.72
Apr	2029	4.470	$	0.002	$	4.472	$0.26	4.73
May	2029	4.534	$	0.027	$	4.561	$0.26	4.82
Jun	2029	4.657	$	0.062	$	4.719	$0.27	4.99
Jul	2029	4.385	$	0.091	$	4.476	$0.26	4.74
Aug	2029	4.417	$	0.098	$	4.516	$0.26	4.78
Sep	2029	4.535	$	0.053	$	4.588	$0.26	4.85
Oct	2029	4.525	$	0.040	$	4.565	$0.26	4.83
Nov	2029	4.430	$	0.063	$	4.492	$0.26	4.75
Dec	2029	4.634	$	0.062	$	4.696	$0.27	4.96
Jan	2030	4.665	$	0.075	$	4.740	$0.27	5.01
Feb	2030	4.694	$	0.069	$	4.763	$0.27	5.03
Mar	2030	4.583	$	0.004	$	4.587	$0.26	4.85
Apr	2030	4.550	$	(0.008)	$	4.543	$0.26	4.81
May	2030	4.578	$	0.029	$	4.607	$0.26	4.87
Jun	2030	4.653	$	0.069	$	4.721	$0.27	4.99
Jul	2030	4.983	$	0.104	$	5.086	$0.28	5.36

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Aug	2030	5.019	$	0.113	$	5.132	$0.28	5.41
Sep	2030	4.946	$	0.056	$	5.002	$0.27	5.28
Oct	2030	4.722	$	0.053	$	4.775	$0.27	5.04
Nov	2030	4.635	$	0.056	$	4.692	$0.27	4.96
Dec	2030	4.861	$	0.064	$	4.925	$0.27	5.20
Jan	2031	4.892	$	0.098	$	4.989	$0.27	5.26
Feb	2031	4.922	$	0.092	$	5.015	$0.27	5.29
Mar	2031	4.825	$	0.019	$	4.845	$0.27	5.11
Apr	2031	4.785	$	0.000	$	4.785	$0.27	5.05
May	2031	4.814	$	0.055	$	4.869	$0.27	5.14
Jun	2031	4.879	$	0.082	$	4.962	$0.27	5.23
Jul	2031	5.209	$	0.116	$	5.325	$0.28	5.61
Aug	2031	5.261	$	0.139	$	5.400	$0.28	5.68
Sep	2031	5.164	$	0.086	$	5.250	$0.28	5.53
Oct	2031	5.003	$	0.082	$	5.085	$0.28	5.36
Nov	2031	5.073	$	0.066	$	5.139	$0.28	5.42
Dec	2031	5.249	$	0.082	$	5.330	$0.28	5.61
Jan	2032	5.281	$	0.106	$	5.388	$0.28	5.67
Feb	2032	5.310	$	0.077	$	5.387	$0.28	5.67
Mar	2032	5.289	$	0.050	$	5.339	$0.28	5.62
Apr	2032	5.127	$	0.026	$	5.153	$0.28	5.43
May	2032	5.155	$	0.069	$	5.224	$0.28	5.50
Jun	2032	5.188	$	0.095	$	5.283	$0.28	5.56
Jul	2032	5.333	$	0.136	$	5.469	$0.29	5.75
Aug	2032	5.378	$	0.159	$	5.538	$0.29	5.83
Sep	2032	5.301	$	0.091	$	5.392	$0.28	5.68
Oct	2032	5.266	$	0.088	$	5.355	$0.28	5.64
Nov	2032	5.389	$	0.053	$	5.443	$0.28	5.73
Dec	2032	5.402	$	0.072	$	5.475	$0.29	5.76
Jan	2033	5.137	$	0.093	$	5.230	$0.28	5.51
Feb	2033	5.172	$	0.091	$	5.263	$0.28	5.54
Mar	2033	5.121	$	0.022	$	5.143	$0.28	5.42
Apr	2033	5.120	$	0.016	$	5.136	$0.28	5.41
May	2033	5.153	$	0.032	$	5.185	$0.28	5.46
Jun	2033	5.189	$	0.080	$	5.269	$0.28	5.55
Jul	2033	5.348	$	0.119	$	5.467	$0.29	5.75
Aug	2033	5.395	$	0.127	$	5.522	$0.29	5.81
Sep	2033	5.324	$	0.068	$	5.393	$0.28	5.68
Oct	2033	5.275	$	0.053	$	5.328	$0.28	5.61
Nov	2033	5.430	$	0.033	$	5.463	$0.29	5.75
Dec	2033	5.620	$	0.047	$	5.668	$0.29	5.96
Jan	2034	5.658	$	0.080	$	5.738	$0.29	6.03
Feb	2034	5.495	$	0.056	$	5.550	$0.29	5.84
Mar	2034	5.336	$	(0.008)	$	5.328	$0.28	5.61
Apr	2034	5.273	$	0.009	$	5.282	$0.28	5.56
May	2034	5.307	$	0.039	$	5.346	$0.28	5.63
Jun	2034	5.342	$	0.084	$	5.426	$0.28	5.71
Jul	2034	5.598	$	0.125	$	5.723	$0.29	6.01
Aug	2034	5.641	$	0.144	$	5.785	$0.29	6.08
Sep	2034	5.534	$	0.074	$	5.608	$0.29	5.90
Oct	2034	5.398	$	0.049	$	5.447	$0.28	5.73
Nov	2034	5.631	$	0.034	$	5.665	$0.29	5.96
Dec	2034	5.829	$	0.055	$	5.884	$0.30	6.18
Jan	2035	5.870	$	0.086	$	5.956	$0.30	6.25
Feb	2035	5.900	$	0.065	$	5.965	$0.30	6.26
Mar	2035	5.720	$	0.018	$	5.739	$0.29	6.03
Apr	2035	5.462	$	0.023	$	5.485	$0.29	5.77
May	2035	5.496	$	0.046	$	5.542	$0.29	5.83
Jun	2035	5.531	$	0.091	$	5.623	$0.29	5.91
Jul	2035	5.817	$	0.130	$	5.947	$0.30	6.24
Aug	2035	5.854	$	0.147	$	6.001	$0.30	6.30
Sep	2035	5.756	$	0.075	$	5.831	$0.29	6.13
Oct	2035	5.608	$	0.048	$	5.656	$0.29	5.95
Nov	2035	5.657	$	0.033	$	5.690	$0.29	5.98
Dec	2035	5.813	$	0.058	$	5.872	$0.30	6.17
Jan	2036	5.851	$	0.093	$	5.944	$0.30	6.24
Feb	2036	5.876	$	0.034	$	5.911	$0.30	6.21
Mar	2036	5.778	$	0.020	$	5.798	$0.29	6.09
Apr	2036	5.552	$	0.023	$	5.575	$0.29	5.86
May	2036	5.586	$	0.049	$	5.636	$0.29	5.93
Jun	2036	5.627	$	0.096	$	5.723	$0.29	6.01
Jul	2036	5.794	$	0.135	$	5.929	$0.30	6.23
Aug	2036	5.835	$	0.150	$	5.985	$0.30	6.28

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Sep	2036	5.807	$ 0.089	$	5.896	$0.30	6.19
Oct	2036	5.768	$ 0.076	$	5.844	$0.29	6.14
Nov	2036	5.846	$ 0.051	$	5.897	$0.30	6.19
Dec	2036	6.113	$ 0.064	$	6.177	$0.30	6.48
Jan	2037	6.160	$ 0.105	$	6.266	$0.31	6.57
Feb	2037	6.199	$ 0.081	$	6.281	$0.31	6.59
Mar	2037	6.107	$ 0.024	$	6.132	$0.30	6.43
Apr	2037	5.931	$ 0.021	$	5.952	$0.30	6.25
May	2037	5.968	$ 0.055	$	6.023	$0.30	6.32
Jun	2037	6.027	$ 0.111	$	6.138	$0.30	6.44
Jul	2037	6.286	$ 0.147	$	6.433	$0.31	6.74
Aug	2037	6.327	$ 0.147	$	6.474	$0.31	6.78
Sep	2037	6.240	$ 0.096	$	6.336	$0.31	6.64
Oct	2037	6.172	$ 0.074	$	6.246	$0.30	6.55
Nov	2037	6.250	$ 0.052	$	6.302	$0.31	6.61
Dec	2037	6.511	$ 0.078	$	6.589	$0.31	6.90
Jan	2038	6.552	$ 0.111	$	6.663	$0.32	6.98
Feb	2038	6.592	$ 0.088	$	6.681	$0.32	7.00
Mar	2038	6.491	$ 0.026	$	6.517	$0.31	6.83
Apr	2038	6.270	$ 0.044	$	6.314	$0.31	6.62
May	2038	6.308	$ 0.060	$	6.369	$0.31	6.68
Jun	2038	6.354	$ 0.118	$	6.472	$0.31	6.78
Jul	2038	6.534	$ 0.152	$	6.686	$0.32	7.00
Aug	2038	6.580	$ 0.145	$	6.725	$0.32	7.04
Sep	2038	6.432	$ 0.104	$	6.536	$0.31	6.85
Oct	2038	6.367	$ 0.064	$	6.431	$0.31	6.74
Nov	2038	6.473	$ 0.073	$	6.546	$0.31	6.86
Dec	2038	6.705	$ 0.100	$	6.805	$0.32	7.12
Jan	2039	6.748	$ 0.119	$	6.866	$0.32	7.19
Feb	2039	6.789	$ 0.101	$	6.891	$0.32	7.21
Mar	2039	6.627	$ 0.032	$	6.660	$0.32	6.98
Apr	2039	6.202	$ 0.041	$	6.243	$0.30	6.55
May	2039	6.237	$ 0.052	$	6.290	$0.31	6.60
Jun	2039	6.278	$ 0.115	$	6.392	$0.31	6.70
Jul	2039	6.341	$ 0.129	$	6.470	$0.31	6.78
Aug	2039	6.890	$ 0.145	$	7.035	$0.32	7.36
Sep	2039	6.860	$ 0.088	$	6.948	$0.32	7.27
Oct	2039	6.605	$ 0.081	$	6.686	$0.32	7.00
Nov	2039	6.680	$ 0.063	$	6.743	$0.32	7.06
Dec	2039	6.885	$ 0.087	$	6.971	$0.32	7.29
Jan	2040	6.925	$ 0.098	$	7.023	$0.32	7.35
Feb	2040	6.962	$ 0.061	$	7.022	$0.32	7.35
Mar	2040	6.849	$ 0.033	$	6.882	$0.32	7.20
Apr	2040	6.622	$ 0.013	$	6.635	$0.31	6.95
May	2040	6.660	$ 0.058	$	6.718	$0.32	7.03
Jun	2040	6.717	$ 0.108	$	6.824	$0.32	7.14
Jul	2040	6.962	$ 0.144	$	7.107	$0.33	7.43
Aug	2040	7.005	$ 0.155	$	7.160	$0.33	7.49
Sep	2040	6.991	$ 0.098	$	7.089	$0.33	7.41
Oct	2040	6.835	$ 0.086	$	6.921	$0.32	7.24
Nov	2040	6.907	$ 0.069	$	6.976	$0.32	7.30
Dec	2040	7.143	$ 0.111	$	7.255	$0.33	7.59
Jan	2041	7.186	$ 0.113	$	7.298	$0.33	7.63
Feb	2041	7.213	$ 0.083	$	7.296	$0.33	7.63
Mar	2041	7.060	$ 0.037	$	7.097	$0.33	7.42
Apr	2041	6.802	$ 0.048	$	6.850	$0.32	7.17
May	2041	6.844	$ 0.061	$	6.905	$0.32	7.23
Jun	2041	6.917	$ 0.124	$	7.041	$0.32	7.37
Jul	2041	7.221	$ 0.166	$	7.387	$0.33	7.72
Aug	2041	7.264	$ 0.158	$	7.421	$0.33	7.76
Sep	2041	7.266	$ 0.116	$	7.382	$0.33	7.72
Oct	2041	7.027	$ 0.061	$	7.088	$0.33	7.41
Nov	2041	7.157	$ 0.077	$	7.234	$0.33	7.56
Dec	2041	7.359	$ 0.127	$	7.486	$0.34	7.82
Jan	2042	7.402	$ 0.120	$	7.523	$0.34	7.86
Feb	2042	7.433	$ 0.089	$	7.522	$0.34	7.86
Mar	2042	7.276	$ 0.033	$	7.309	$0.33	7.64
Apr	2042	7.072	$ 0.045	$	7.117	$0.33	7.44
May	2042	7.115	$ 0.063	$	7.179	$0.33	7.51
Jun	2042	7.185	$ 0.134	$	7.319	$0.33	7.65
Jul	2042	7.551	$ 0.168	$	7.719	$0.34	8.06
Aug	2042	7.599	$ 0.171	$	7.770	$0.34	8.11
Sep	2042	7.574	$ 0.120	$	7.694	$0.34	8.04

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Oct	2042	7.314	$ 0.080	$ 7.394	$0.33	7.73	
Nov	2042	7.355	$ 0.075	$ 7.429	$0.33	7.76	
Dec	2042	7.587	$ 0.102	$ 7.689	$0.34	8.03	
Jan	2043	7.632	$ 0.105	$ 7.737	$0.34	8.08	
Feb	2043	7.656	$ 0.058	$ 7.715	$0.34	8.06	
Mar	2043	7.507	$ 0.035	$ 7.542	$0.34	7.88	
Apr	2043	7.246	$ 0.028	$ 7.275	$0.33	7.61	
May	2043	7.291	$ 0.050	$ 7.341	$0.33	7.67	
Jun	2043	7.346	$ 0.106	$ 7.452	$0.33	7.79	
Jul	2043	7.705	$ 0.164	$ 7.869	$0.35	8.21	
Aug	2043	7.751	$ 0.156	$ 7.907	$0.35	8.25	
Sep	2043	7.776	$ 0.091	$ 7.866	$0.35	8.21	
Oct	2043	7.486	$ 0.077	$ 7.562	$0.34	7.90	
Nov	2043	7.551	$ 0.066	$ 7.617	$0.34	7.96	
Dec	2043	7.795	$ 0.097	$ 7.892	$0.35	8.24	
Jan	2044	7.843	$ 0.099	$ 7.942	$0.35	8.29	
Feb	2044	7.877	$ 0.059	$ 7.936	$0.35	8.28	
Mar	2044	7.712	$ 0.025	$ 7.737	$0.34	8.08	
Apr	2044	7.571	$ 0.029	$ 7.600	$0.34	7.94	
May	2044	7.615	$ 0.040	$ 7.655	$0.34	8.00	
Jun	2044	7.661	$ 0.105	$ 7.766	$0.34	8.11	
Jul	2044	8.012	$ 0.160	$ 8.173	$0.35	8.53	
Aug	2044	8.062	$ 0.162	$ 8.224	$0.35	8.58	
Sep	2044	8.047	$ 0.080	$ 8.127	$0.35	8.48	
Oct	2044	7.844	$ 0.045	$ 7.889	$0.35	8.23	
Nov	2044	7.965	$ 0.060	$ 8.025	$0.35	8.37	
Dec	2044	8.212	$ 0.099	$ 8.311	$0.36	8.67	
Jan	2045	8.261	$ 0.107	$ 8.368	$0.36	8.73	
Feb	2045	8.310	$ 0.056	$ 8.366	$0.36	8.72	
Mar	2045	8.177	$ 0.031	$ 8.208	$0.35	8.56	
Apr	2045	7.989	$ 0.026	$ 8.015	$0.35	8.36	
May	2045	8.031	$ 0.042	$ 8.072	$0.35	8.42	
Jun	2045	8.080	$ 0.109	$ 8.189	$0.35	8.54	
Jul	2045	8.453	$ 0.157	$ 8.610	$0.36	8.97	
Aug	2045	8.506	$ 0.169	$ 8.676	$0.37	9.04	
Sep	2045	8.521	$ 0.085	$ 8.606	$0.36	8.97	
Oct	2045	8.268	$ 0.062	$ 8.331	$0.36	8.69	
Nov	2045	8.402	$ 0.062	$ 8.464	$0.36	8.82	
Dec	2045	8.652	$ 0.096	$ 8.748	$0.37	9.12	
Jan	2046	8.703	$ 0.115	$ 8.818	$0.37	9.19	
Feb	2046	8.730	$ 0.062	$ 8.792	$0.37	9.16	
Mar	2046	8.526	$ 0.022	$ 8.549	$0.36	8.91	
Apr	2046	8.288	$ 0.018	$ 8.306	$0.36	8.66	
May	2046	8.324	$ 0.043	$ 8.368	$0.36	8.73	
Jun	2046	8.374	$ 0.110	$ 8.484	$0.36	8.84	
Jul	2046	8.801	$ 0.158	$ 8.959	$0.37	9.33	
Aug	2046	8.857	$ 0.176	$ 9.033	$0.37	9.41	
Sep	2046	8.828	$ 0.081	$ 8.909	$0.37	9.28	
Oct	2046	8.549	$ 0.062	$ 8.611	$0.36	8.97	
Nov	2046	8.628	$ 0.064	$ 8.692	$0.37	9.06	
Dec	2046	8.854	$ 0.103	$ 8.957	$0.37	9.33	
Jan	2047	8.906	$ 0.126	$ 9.032	$0.37	9.41	
Feb	2047	8.921	$ 0.058	$ 8.979	$0.37	9.35	
Mar	2047	8.604	$ 0.019	$ 8.622	$0.36	8.99	
Apr	2047	8.403	$ 0.022	$ 8.425	$0.36	8.78	
May	2047	8.437	$ 0.039	$ 8.476	$0.36	8.84	
Jun	2047	8.486	$ 0.123	$ 8.610	$0.36	8.97	
Jul	2047	8.902	$ 0.165	$ 9.067	$0.38	9.44	
Aug	2047	8.958	$ 0.182	$ 9.140	$0.38	9.52	
Sep	2047	8.954	$ 0.088	$ 9.042	$0.37	9.42	
Oct	2047	8.794	$ 0.052	$ 8.846	$0.37	9.22	
Nov	2047	8.872	$ 0.052	$ 8.924	$0.37	9.30	
Dec	2047	8.907	$ 0.093	$ 9.001	$0.37	9.37	
Jan	2048	8.959	$ 0.109	$ 9.068	$0.38	9.44	
Feb	2048	9.002	$ 0.036	$ 9.038	$0.37	9.41	
Mar	2048	8.799	$ 0.007	$ 8.806	$0.37	9.17	
Apr	2048	8.672	$ 0.022	$ 8.694	$0.37	9.06	
May	2048	8.721	$ 0.032	$ 8.753	$0.37	9.12	
Jun	2048	8.811	$ 0.099	$ 8.910	$0.37	9.28	
Jul	2048	9.345	$ 0.136	$ 9.480	$0.39	9.87	
Aug	2048	9.410	$ 0.181	$ 9.591	$0.39	9.98	
Sep	2048	9.428	$ 0.072	$ 9.500	$0.39	9.89	
Oct	2048	9.043	$ 0.058	$ 9.101	$0.38	9.48	

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Nov	2048	9.185	$	0.046	$	9.231	$0.38	9.61
Dec	2048	9.448	$	0.061	$	9.509	$0.39	9.90
Jan	2049	9.502	$	0.085	$	9.587	$0.39	9.98
Feb	2049	9.512	$	0.031	$	9.544	$0.39	9.93
Mar	2049	9.452	$	0.007	$	9.458	$0.39	9.84
Apr	2049	9.346	$	0.019	$	9.365	$0.38	9.75
May	2049	8.991	$	0.033	$	9.023	$0.37	9.40
Jun	2049	9.041	$	0.089	$	9.130	$0.38	9.51
Jul	2049	9.257	$	0.124	$	9.381	$0.38	9.76
Aug	2049	9.309	$	0.151	$	9.460	$0.39	9.85
Sep	2049	9.142	$	0.071	$	9.214	$0.38	9.59
Oct	2049	8.977	$	0.058	$	9.035	$0.37	9.41
Nov	2049	9.324	$	0.046	$	9.370	$0.38	9.75
Dec	2049	9.702	$	0.062	$	9.764	$0.39	10.16
Jan	2050	9.755	$	0.086	$	9.841	$0.39	10.24
Feb	2050	9.783	$	0.033	$	9.816	$0.39	10.21
Mar	2050	9.486	$	0.006	$	9.492	$0.39	9.88
Apr	2050	9.015	$	0.023	$	9.038	$0.37	9.41
May	2050	9.058	$	0.032	$	9.090	$0.38	9.47
Jun	2050	9.108	$	0.097	$	9.204	$0.38	9.58
Jul	2050	9.393	$	0.124	$	9.517	$0.39	9.90
Aug	2050	9.450	$	0.158	$	9.608	$0.39	10.00
Sep	2050	9.423	$	0.072	$	9.496	$0.39	9.88
Oct	2050	9.119	$	0.063	$	9.182	$0.38	9.56
Nov	2050	9.368	$	0.047	$	9.416	$0.38	9.80
Dec	2050	9.683	$	0.065	$	9.748	$0.39	10.14

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DEF NATURAL GAS DISPATCH PRICES

Month	Year	Base HH Regular Supply Cost	Physical Basis FGT Z3	Base Cost Regular Supply Z3	GSNG MMBTU Variable Cost	GSNG Variable MMBTU Delivered Costs
Jan	2019	3.110	$ (0.046)	$ 3.064	$0.08	3.14
Feb	2019	2.690	$ (0.019)	$ 2.671	$0.07	2.74
Mar	2019	2.950	$ (0.003)	$ 2.947	$0.08	3.02
Apr	2019	2.650	$ (0.001)	$ 2.649	$0.07	2.72
May	2019	2.640	$ 0.005	$ 2.645	$0.07	2.71
Jun	2019	2.400	$ 0.037	$ 2.437	$0.07	2.50
Jul	2019	2.370	$ 0.048	$ 2.418	$0.07	2.48
Aug	2019	2.220	$ 0.056	$ 2.276	$0.06	2.34
Sep	2019	2.560	$ 0.016	$ 2.576	$0.07	2.64
Oct	2019	2.743	$ 0.010	$ 2.753	$0.07	2.82
Nov	2019	2.303	$ 0.012	$ 2.315	$0.06	2.38
Dec	2019	2.495	$ 0.023	$ 2.518	$0.07	2.59
Jan	2020	2.612	$ 0.035	$ 2.647	$0.07	2.72
Feb	2020	2.575	$ 0.024	$ 2.599	$0.07	2.67
Mar	2020	2.462	$ (0.020)	$ 2.442	$0.07	2.51
Apr	2020	2.247	$ (0.019)	$ 2.228	$0.06	2.29
May	2020	2.234	$ 0.005	$ 2.239	$0.06	2.30
Jun	2020	2.278	$ 0.026	$ 2.304	$0.06	2.37
Jul	2020	2.326	$ 0.048	$ 2.374	$0.06	2.44
Aug	2020	2.335	$ 0.055	$ 2.390	$0.07	2.46
Sep	2020	2.318	$ 0.012	$ 2.330	$0.06	2.39
Oct	2020	2.344	$ 0.016	$ 2.360	$0.06	2.42
Nov	2020	2.409	$ 0.025	$ 2.434	$0.07	2.50
Dec	2020	2.578	$ 0.034	$ 2.612	$0.07	2.68
Jan	2021	2.700	$ 0.038	$ 2.738	$0.07	2.81
Feb	2021	2.661	$ 0.033	$ 2.694	$0.07	2.76
Mar	2021	2.548	$ (0.015)	$ 2.533	$0.07	2.60
Apr	2021	2.284	$ (0.021)	$ 2.263	$0.06	2.33
May	2021	2.260	$ 0.005	$ 2.265	$0.06	2.33
Jun	2021	2.294	$ 0.025	$ 2.319	$0.06	2.38
Jul	2021	2.332	$ 0.047	$ 2.379	$0.06	2.44
Aug	2021	2.339	$ 0.058	$ 2.397	$0.07	2.46
Sep	2021	2.328	$ 0.011	$ 2.339	$0.06	2.40
Oct	2021	2.354	$ 0.018	$ 2.372	$0.06	2.44
Nov	2021	2.424	$ 0.027	$ 2.451	$0.07	2.52
Dec	2021	2.603	$ 0.038	$ 2.641	$0.07	2.71
Jan	2022	2.729	$ 0.041	$ 2.770	$0.07	2.84
Feb	2022	2.702	$ 0.036	$ 2.738	$0.07	2.81
Mar	2022	2.595	$ (0.013)	$ 2.582	$0.07	2.65
Apr	2022	2.340	$ (0.016)	$ 2.324	$0.06	2.39
May	2022	2.324	$ 0.007	$ 2.331	$0.06	2.39
Jun	2022	2.359	$ 0.034	$ 2.393	$0.07	2.46
Jul	2022	2.399	$ 0.059	$ 2.458	$0.07	2.52
Aug	2022	2.411	$ 0.066	$ 2.477	$0.07	2.54
Sep	2022	2.404	$ 0.021	$ 2.425	$0.07	2.49
Oct	2022	2.430	$ 0.024	$ 2.454	$0.07	2.52
Nov	2022	2.492	$ 0.034	$ 2.526	$0.07	2.59
Dec	2022	2.674	$ 0.044	$ 2.718	$0.07	2.79
Jan	2023	2.799	$ 0.052	$ 2.851	$0.07	2.92
Feb	2023	2.767	$ 0.047	$ 2.814	$0.07	2.89
Mar	2023	2.656	$ (0.003)	$ 2.653	$0.07	2.72
Apr	2023	2.401	$ (0.008)	$ 2.393	$0.07	2.46
May	2023	2.385	$ 0.016	$ 2.401	$0.07	2.47
Jun	2023	2.426	$ 0.042	$ 2.468	$0.07	2.53
Jul	2023	2.466	$ 0.068	$ 2.534	$0.07	2.60
Aug	2023	2.481	$ 0.076	$ 2.557	$0.07	2.63
Sep	2023	2.476	$ 0.029	$ 2.505	$0.07	2.57
Oct	2023	2.505	$ 0.030	$ 2.535	$0.07	2.60
Nov	2023	2.580	$ 0.037	$ 2.617	$0.07	2.69
Dec	2023	2.760	$ 0.053	$ 2.813	$0.07	2.89
Jan	2024	2.889	$ 0.058	$ 2.947	$0.08	3.02
Feb	2024	2.866	$ 0.050	$ 2.915	$0.07	2.99
Mar	2024	2.760	$ (0.002)	$ 2.758	$0.07	2.83
Apr	2024	2.534	$ (0.007)	$ 2.527	$0.07	2.59
May	2024	2.531	$ 0.017	$ 2.548	$0.07	2.62
Jun	2024	2.573	$ 0.046	$ 2.619	$0.07	2.69
Jul	2024	2.623	$ 0.077	$ 2.700	$0.07	2.77
Aug	2024	2.644	$ 0.077	$ 2.722	$0.07	2.79
Sep	2024	2.646	$ 0.047	$ 2.693	$0.07	2.76
Oct	2024	2.672	$ 0.040	$ 2.713	$0.07	2.78
Nov	2024	2.758	$ 0.044	$ 2.802	$0.07	2.87
Dec	2024	2.940	$ 0.056	$ 2.996	$0.08	3.07
Jan	2025	3.054	$ 0.061	$ 3.115	$0.08	3.19
Feb	2025	3.048	$ 0.055	$ 3.103	$0.08	3.18
Mar	2025	2.970	$ (0.001)	$ 2.969	$0.08	3.04
Apr	2025	2.799	$ (0.011)	$ 2.789	$0.07	2.86
May	2025	2.811	$ 0.016	$ 2.826	$0.07	2.90
Jun	2025	2.854	$ 0.054	$ 2.908	$0.07	2.98

GSNG - Firm			
Current Yr	2019	√	DJ 10/11
Fuel Retention	1.85%	√	DJ 10/11
100%-B	98.15%		
Total Variable	0.0200		
Esc%	100.00%	√	DJ 10/11
Variable			
GSNG - Firm Variable	0.0200	√	DJ 10/11
UFS	0.0000	√	DJ 10/11
Total Variable	0.0200		

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Jul	2025	2.948	$	0.078	$	3.027	$0.08	3.10
Aug	2025	2.980	$	0.078	$	3.058	$0.08	3.14
Sep	2025	2.883	$	0.045	$	2.928	$0.08	3.00
Oct	2025	2.903	$	0.035	$	2.938	$0.08	3.01
Nov	2025	2.990	$	0.036	$	3.026	$0.08	3.10
Dec	2025	3.163	$	0.051	$	3.214	$0.08	3.29
Jan	2026	3.255	$	0.057	$	3.311	$0.08	3.39
Feb	2026	3.255	$	0.053	$	3.308	$0.08	3.39
Mar	2026	3.176	$	(0.003)	$	3.172	$0.08	3.25
Apr	2026	3.042	$	(0.001)	$	3.041	$0.08	3.12
May	2026	3.061	$	0.022	$	3.083	$0.08	3.16
Jun	2026	3.116	$	0.053	$	3.169	$0.08	3.25
Jul	2026	3.276	$	0.077	$	3.353	$0.08	3.44
Aug	2026	3.318	$	0.078	$	3.396	$0.08	3.48
Sep	2026	3.252	$	0.041	$	3.293	$0.08	3.38
Oct	2026	3.247	$	0.034	$	3.280	$0.08	3.36
Nov	2026	3.322	$	0.042	$	3.364	$0.08	3.45
Dec	2026	3.506	$	0.054	$	3.559	$0.09	3.65
Jan	2027	3.583	$	0.062	$	3.645	$0.09	3.73
Feb	2027	3.604	$	0.057	$	3.661	$0.09	3.75
Mar	2027	3.551	$	(0.002)	$	3.549	$0.09	3.64
Apr	2027	3.396	$	(0.002)	$	3.394	$0.08	3.48
May	2027	3.424	$	0.021	$	3.445	$0.08	3.53
Jun	2027	3.498	$	0.051	$	3.549	$0.09	3.64
Jul	2027	3.731	$	0.079	$	3.809	$0.09	3.90
Aug	2027	3.778	$	0.082	$	3.860	$0.09	3.95
Sep	2027	3.768	$	0.043	$	3.812	$0.09	3.90
Oct	2027	3.651	$	0.038	$	3.690	$0.09	3.78
Nov	2027	3.730	$	0.043	$	3.773	$0.09	3.86
Dec	2027	3.930	$	0.054	$	3.984	$0.10	4.08
Jan	2028	3.993	$	0.063	$	4.056	$0.10	4.15
Feb	2028	4.025	$	0.047	$	4.072	$0.10	4.17
Mar	2028	3.948	$	(0.002)	$	3.946	$0.09	4.04
Apr	2028	3.907	$	(0.006)	$	3.900	$0.09	3.99
May	2028	3.947	$	0.024	$	3.971	$0.09	4.07
Jun	2028	4.139	$	0.059	$	4.198	$0.10	4.30
Jul	2028	4.159	$	0.091	$	4.250	$0.10	4.35
Aug	2028	4.214	$	0.089	$	4.304	$0.10	4.41
Sep	2028	4.278	$	0.048	$	4.325	$0.10	4.43
Oct	2028	4.263	$	0.044	$	4.307	$0.10	4.41
Nov	2028	4.329	$	0.046	$	4.375	$0.10	4.48
Dec	2028	4.599	$	0.054	$	4.653	$0.11	4.76
Jan	2029	4.640	$	0.075	$	4.716	$0.11	4.82
Feb	2029	4.669	$	0.068	$	4.737	$0.11	4.85
Mar	2029	4.455	$	0.007	$	4.462	$0.10	4.57
Apr	2029	4.470	$	0.002	$	4.472	$0.10	4.58
May	2029	4.534	$	0.027	$	4.561	$0.11	4.67
Jun	2029	4.657	$	0.062	$	4.719	$0.11	4.83
Jul	2029	4.385	$	0.091	$	4.476	$0.10	4.58
Aug	2029	4.417	$	0.098	$	4.516	$0.11	4.62
Sep	2029	4.535	$	0.053	$	4.588	$0.11	4.69
Oct	2029	4.525	$	0.040	$	4.565	$0.11	4.67
Nov	2029	4.430	$	0.063	$	4.492	$0.10	4.60
Dec	2029	4.634	$	0.062	$	4.696	$0.11	4.80
Jan	2030	4.665	$	0.075	$	4.740	$0.11	4.85
Feb	2030	4.694	$	0.069	$	4.763	$0.11	4.87
Mar	2030	4.583	$	0.004	$	4.587	$0.11	4.69
Apr	2030	4.550	$	(0.008)	$	4.543	$0.11	4.65
May	2030	4.578	$	0.029	$	4.607	$0.11	4.71
Jun	2030	4.653	$	0.069	$	4.721	$0.11	4.83
Jul	2030	4.983	$	0.104	$	5.086	$0.12	5.20
Aug	2030	5.019	$	0.113	$	5.132	$0.12	5.25
Sep	2030	4.946	$	0.056	$	5.002	$0.11	5.12
Oct	2030	4.722	$	0.053	$	4.775	$0.11	4.89
Nov	2030	4.635	$	0.056	$	4.692	$0.11	4.80
Dec	2030	4.861	$	0.064	$	4.925	$0.11	5.04
Jan	2031	4.892	$	0.098	$	4.989	$0.11	5.10
Feb	2031	4.922	$	0.092	$	5.015	$0.11	5.13
Mar	2031	4.825	$	0.019	$	4.845	$0.11	4.96
Apr	2031	4.785	$	0.000	$	4.785	$0.11	4.90
May	2031	4.814	$	0.055	$	4.869	$0.11	4.98
Jun	2031	4.879	$	0.082	$	4.962	$0.11	5.08
Jul	2031	5.209	$	0.116	$	5.325	$0.12	5.45
Aug	2031	5.261	$	0.139	$	5.400	$0.12	5.52
Sep	2031	5.164	$	0.086	$	5.250	$0.12	5.37
Oct	2031	5.003	$	0.082	$	5.085	$0.12	5.20
Nov	2031	5.073	$	0.066	$	5.139	$0.12	5.26
Dec	2031	5.249	$	0.082	$	5.330	$0.12	5.45
Jan	2032	5.281	$	0.106	$	5.388	$0.12	5.51
Feb	2032	5.310	$	0.077	$	5.387	$0.12	5.51
Mar	2032	5.289	$	0.050	$	5.339	$0.12	5.46
Apr	2032	5.127	$	0.026	$	5.153	$0.12	5.27
May	2032	5.155	$	0.069	$	5.224	$0.12	5.34
Jun	2032	5.188	$	0.095	$	5.283	$0.12	5.40
Jul	2032	5.333	$	0.136	$	5.469	$0.12	5.59

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Aug	2032	5.378	$	0.159	$	5.538	$0.12	5.66
Sep	2032	5.301	$	0.091	$	5.392	$0.12	5.51
Oct	2032	5.266	$	0.088	$	5.355	$0.12	5.48
Nov	2032	5.389	$	0.053	$	5.443	$0.12	5.57
Dec	2032	5.402	$	0.072	$	5.475	$0.12	5.60
Jan	2033	5.137	$	0.093	$	5.230	$0.12	5.35
Feb	2033	5.172	$	0.091	$	5.263	$0.12	5.38
Mar	2033	5.121	$	0.022	$	5.143	$0.12	5.26
Apr	2033	5.120	$	0.016	$	5.136	$0.12	5.25
May	2033	5.153	$	0.032	$	5.185	$0.12	5.30
Jun	2033	5.189	$	0.080	$	5.269	$0.12	5.39
Jul	2033	5.348	$	0.119	$	5.467	$0.12	5.59
Aug	2033	5.395	$	0.127	$	5.522	$0.12	5.65
Sep	2033	5.324	$	0.068	$	5.393	$0.12	5.51
Oct	2033	5.275	$	0.053	$	5.328	$0.12	5.45
Nov	2033	5.430	$	0.033	$	5.463	$0.12	5.59
Dec	2033	5.620	$	0.047	$	5.668	$0.13	5.79
Jan	2034	5.658	$	0.080	$	5.738	$0.13	5.87
Feb	2034	5.495	$	0.056	$	5.550	$0.12	5.67
Mar	2034	5.336	$	(0.008)	$	5.328	$0.12	5.45
Apr	2034	5.273	$	0.009	$	5.282	$0.12	5.40
May	2034	5.307	$	0.039	$	5.346	$0.12	5.47
Jun	2034	5.342	$	0.084	$	5.426	$0.12	5.55
Jul	2034	5.598	$	0.125	$	5.723	$0.13	5.85
Aug	2034	5.641	$	0.144	$	5.785	$0.13	5.91
Sep	2034	5.534	$	0.074	$	5.608	$0.13	5.73
Oct	2034	5.398	$	0.049	$	5.447	$0.12	5.57
Nov	2034	5.631	$	0.034	$	5.665	$0.13	5.79
Dec	2034	5.829	$	0.055	$	5.884	$0.13	6.01
Jan	2035	5.870	$	0.086	$	5.956	$0.13	6.09
Feb	2035	5.900	$	0.065	$	5.965	$0.13	6.10
Mar	2035	5.720	$	0.018	$	5.739	$0.13	5.87
Apr	2035	5.462	$	0.023	$	5.485	$0.12	5.61
May	2035	5.496	$	0.046	$	5.542	$0.12	5.67
Jun	2035	5.531	$	0.091	$	5.623	$0.13	5.75
Jul	2035	5.817	$	0.130	$	5.947	$0.13	6.08
Aug	2035	5.854	$	0.147	$	6.001	$0.13	6.13
Sep	2035	5.756	$	0.075	$	5.831	$0.13	5.96
Oct	2035	5.608	$	0.048	$	5.656	$0.13	5.78
Nov	2035	5.657	$	0.033	$	5.690	$0.13	5.82
Dec	2035	5.813	$	0.058	$	5.872	$0.13	6.00
Jan	2036	5.851	$	0.093	$	5.944	$0.13	6.08
Feb	2036	5.876	$	0.034	$	5.911	$0.13	6.04
Mar	2036	5.778	$	0.020	$	5.798	$0.13	5.93
Apr	2036	5.552	$	0.023	$	5.575	$0.13	5.70
May	2036	5.586	$	0.049	$	5.636	$0.13	5.76
Jun	2036	5.627	$	0.096	$	5.723	$0.13	5.85
Jul	2036	5.794	$	0.135	$	5.929	$0.13	6.06
Aug	2036	5.835	$	0.150	$	5.985	$0.13	6.12
Sep	2036	5.807	$	0.089	$	5.896	$0.13	6.03
Oct	2036	5.768	$	0.076	$	5.844	$0.13	5.97
Nov	2036	5.846	$	0.051	$	5.897	$0.13	6.03
Dec	2036	6.113	$	0.064	$	6.177	$0.14	6.31
Jan	2037	6.160	$	0.105	$	6.266	$0.14	6.40
Feb	2037	6.199	$	0.081	$	6.281	$0.14	6.42
Mar	2037	6.107	$	0.024	$	6.132	$0.14	6.27
Apr	2037	5.931	$	0.021	$	5.952	$0.13	6.08
May	2037	5.968	$	0.055	$	6.023	$0.13	6.16
Jun	2037	6.027	$	0.111	$	6.138	$0.14	6.27
Jul	2037	6.286	$	0.147	$	6.433	$0.14	6.57
Aug	2037	6.327	$	0.147	$	6.474	$0.14	6.62
Sep	2037	6.240	$	0.096	$	6.336	$0.14	6.48
Oct	2037	6.172	$	0.074	$	6.246	$0.14	6.38
Nov	2037	6.250	$	0.052	$	6.302	$0.14	6.44
Dec	2037	6.511	$	0.078	$	6.589	$0.14	6.73
Jan	2038	6.552	$	0.111	$	6.663	$0.15	6.81
Feb	2038	6.592	$	0.088	$	6.681	$0.15	6.83
Mar	2038	6.491	$	0.026	$	6.517	$0.14	6.66
Apr	2038	6.270	$	0.044	$	6.314	$0.14	6.45
May	2038	6.308	$	0.060	$	6.369	$0.14	6.51
Jun	2038	6.354	$	0.118	$	6.472	$0.14	6.61
Jul	2038	6.534	$	0.152	$	6.686	$0.15	6.83
Aug	2038	6.580	$	0.145	$	6.725	$0.15	6.87
Sep	2038	6.432	$	0.104	$	6.536	$0.14	6.68
Oct	2038	6.367	$	0.064	$	6.431	$0.14	6.57
Nov	2038	6.473	$	0.073	$	6.546	$0.14	6.69
Dec	2038	6.705	$	0.100	$	6.805	$0.15	6.95
Jan	2039	6.748	$	0.119	$	6.866	$0.15	7.02
Feb	2039	6.789	$	0.101	$	6.891	$0.15	7.04
Mar	2039	6.627	$	0.032	$	6.660	$0.15	6.81
Apr	2039	6.202	$	0.041	$	6.243	$0.14	6.38
May	2039	6.237	$	0.052	$	6.290	$0.14	6.43
Jun	2039	6.278	$	0.115	$	6.392	$0.14	6.53
Jul	2039	6.341	$	0.129	$	6.470	$0.14	6.61
Aug	2039	6.890	$	0.145	$	7.035	$0.15	7.19

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Sep	2039	6.860	$	0.088	$	6.948	$0.15	7.10
Oct	2039	6.605	$	0.081	$	6.686	$0.15	6.83
Nov	2039	6.680	$	0.063	$	6.743	$0.15	6.89
Dec	2039	6.885	$	0.087	$	6.971	$0.15	7.12
Jan	2040	6.925	$	0.098	$	7.023	$0.15	7.18
Feb	2040	6.962	$	0.061	$	7.022	$0.15	7.17
Mar	2040	6.849	$	0.033	$	6.882	$0.15	7.03
Apr	2040	6.622	$	0.013	$	6.635	$0.15	6.78
May	2040	6.660	$	0.058	$	6.718	$0.15	6.86
Jun	2040	6.717	$	0.108	$	6.824	$0.15	6.97
Jul	2040	6.962	$	0.144	$	7.107	$0.15	7.26
Aug	2040	7.005	$	0.155	$	7.160	$0.15	7.31
Sep	2040	6.991	$	0.098	$	7.089	$0.15	7.24
Oct	2040	6.835	$	0.086	$	6.921	$0.15	7.07
Nov	2040	6.907	$	0.069	$	6.976	$0.15	7.13
Dec	2040	7.143	$	0.111	$	7.255	$0.16	7.41
Jan	2041	7.186	$	0.113	$	7.298	$0.16	7.46
Feb	2041	7.213	$	0.083	$	7.296	$0.16	7.45
Mar	2041	7.060	$	0.037	$	7.097	$0.15	7.25
Apr	2041	6.802	$	0.048	$	6.850	$0.15	7.00
May	2041	6.844	$	0.061	$	6.905	$0.15	7.06
Jun	2041	6.917	$	0.124	$	7.041	$0.15	7.19
Jul	2041	7.221	$	0.166	$	7.387	$0.16	7.55
Aug	2041	7.264	$	0.158	$	7.421	$0.16	7.58
Sep	2041	7.266	$	0.116	$	7.382	$0.16	7.54
Oct	2041	7.027	$	0.061	$	7.088	$0.15	7.24
Nov	2041	7.157	$	0.077	$	7.234	$0.16	7.39
Dec	2041	7.359	$	0.127	$	7.486	$0.16	7.65
Jan	2042	7.402	$	0.120	$	7.523	$0.16	7.68
Feb	2042	7.433	$	0.089	$	7.522	$0.16	7.68
Mar	2042	7.276	$	0.033	$	7.309	$0.16	7.47
Apr	2042	7.072	$	0.045	$	7.117	$0.15	7.27
May	2042	7.115	$	0.063	$	7.179	$0.16	7.33
Jun	2042	7.185	$	0.134	$	7.319	$0.16	7.48
Jul	2042	7.551	$	0.168	$	7.719	$0.17	7.88
Aug	2042	7.599	$	0.171	$	7.770	$0.17	7.94
Sep	2042	7.574	$	0.120	$	7.694	$0.17	7.86
Oct	2042	7.314	$	0.080	$	7.394	$0.16	7.55
Nov	2042	7.355	$	0.075	$	7.429	$0.16	7.59
Dec	2042	7.587	$	0.102	$	7.689	$0.16	7.85
Jan	2043	7.632	$	0.105	$	7.737	$0.17	7.90
Feb	2043	7.656	$	0.058	$	7.715	$0.17	7.88
Mar	2043	7.507	$	0.035	$	7.542	$0.16	7.70
Apr	2043	7.246	$	0.028	$	7.275	$0.16	7.43
May	2043	7.291	$	0.050	$	7.341	$0.16	7.50
Jun	2043	7.346	$	0.106	$	7.452	$0.16	7.61
Jul	2043	7.705	$	0.164	$	7.869	$0.17	8.04
Aug	2043	7.751	$	0.156	$	7.907	$0.17	8.08
Sep	2043	7.776	$	0.091	$	7.866	$0.17	8.03
Oct	2043	7.486	$	0.077	$	7.562	$0.16	7.72
Nov	2043	7.551	$	0.066	$	7.617	$0.16	7.78
Dec	2043	7.795	$	0.097	$	7.892	$0.17	8.06
Jan	2044	7.843	$	0.099	$	7.942	$0.17	8.11
Feb	2044	7.877	$	0.059	$	7.936	$0.17	8.11
Mar	2044	7.712	$	0.025	$	7.737	$0.17	7.90
Apr	2044	7.571	$	0.029	$	7.600	$0.16	7.76
May	2044	7.615	$	0.040	$	7.655	$0.16	7.82
Jun	2044	7.661	$	0.105	$	7.766	$0.17	7.93
Jul	2044	8.012	$	0.160	$	8.173	$0.17	8.35
Aug	2044	8.062	$	0.162	$	8.224	$0.18	8.40
Sep	2044	8.047	$	0.080	$	8.127	$0.17	8.30
Oct	2044	7.844	$	0.045	$	7.889	$0.17	8.06
Nov	2044	7.965	$	0.060	$	8.025	$0.17	8.20
Dec	2044	8.212	$	0.099	$	8.311	$0.18	8.49
Jan	2045	8.261	$	0.107	$	8.368	$0.18	8.55
Feb	2045	8.310	$	0.056	$	8.366	$0.18	8.54
Mar	2045	8.177	$	0.031	$	8.208	$0.17	8.38
Apr	2045	7.989	$	0.026	$	8.015	$0.17	8.19
May	2045	8.031	$	0.042	$	8.072	$0.17	8.24
Jun	2045	8.080	$	0.109	$	8.189	$0.17	8.36
Jul	2045	8.453	$	0.157	$	8.610	$0.18	8.79
Aug	2045	8.506	$	0.169	$	8.676	$0.18	8.86
Sep	2045	8.521	$	0.085	$	8.606	$0.18	8.79
Oct	2045	8.268	$	0.062	$	8.331	$0.18	8.51
Nov	2045	8.402	$	0.062	$	8.464	$0.18	8.64
Dec	2045	8.652	$	0.096	$	8.748	$0.18	8.93
Jan	2046	8.703	$	0.115	$	8.818	$0.19	9.00
Feb	2046	8.730	$	0.062	$	8.792	$0.19	8.98
Mar	2046	8.526	$	0.022	$	8.549	$0.18	8.73
Apr	2046	8.288	$	0.018	$	8.306	$0.18	8.48
May	2046	8.324	$	0.043	$	8.368	$0.18	8.55
Jun	2046	8.374	$	0.110	$	8.484	$0.18	8.66
Jul	2046	8.801	$	0.158	$	8.959	$0.19	9.15
Aug	2046	8.857	$	0.176	$	9.033	$0.19	9.22
Sep	2046	8.828	$	0.081	$	8.909	$0.19	9.10

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Oct	2046	8.549	$	0.062	$	8.611	$0.18	8.79
Nov	2046	8.628	$	0.064	$	8.692	$0.18	8.88
Dec	2046	8.854	$	0.103	$	8.957	$0.19	9.15
Jan	2047	8.906	$	0.126	$	9.032	$0.19	9.22
Feb	2047	8.921	$	0.058	$	8.979	$0.19	9.17
Mar	2047	8.604	$	0.019	$	8.622	$0.18	8.80
Apr	2047	8.403	$	0.022	$	8.425	$0.18	8.60
May	2047	8.437	$	0.039	$	8.476	$0.18	8.66
Jun	2047	8.486	$	0.123	$	8.610	$0.18	8.79
Jul	2047	8.902	$	0.165	$	9.067	$0.19	9.26
Aug	2047	8.958	$	0.182	$	9.140	$0.19	9.33
Sep	2047	8.954	$	0.088	$	9.042	$0.19	9.23
Oct	2047	8.794	$	0.052	$	8.846	$0.19	9.03
Nov	2047	8.872	$	0.052	$	8.924	$0.19	9.11
Dec	2047	8.907	$	0.093	$	9.001	$0.19	9.19
Jan	2048	8.959	$	0.109	$	9.068	$0.19	9.26
Feb	2048	9.002	$	0.036	$	9.038	$0.19	9.23
Mar	2048	8.799	$	0.007	$	8.806	$0.19	8.99
Apr	2048	8.672	$	0.022	$	8.694	$0.18	8.88
May	2048	8.721	$	0.032	$	8.753	$0.18	8.94
Jun	2048	8.811	$	0.099	$	8.910	$0.19	9.10
Jul	2048	9.345	$	0.136	$	9.480	$0.20	9.68
Aug	2048	9.410	$	0.181	$	9.591	$0.20	9.79
Sep	2048	9.428	$	0.072	$	9.500	$0.20	9.70
Oct	2048	9.043	$	0.058	$	9.101	$0.19	9.29
Nov	2048	9.185	$	0.046	$	9.231	$0.19	9.42
Dec	2048	9.448	$	0.061	$	9.509	$0.20	9.71
Jan	2049	9.502	$	0.085	$	9.587	$0.20	9.79
Feb	2049	9.512	$	0.031	$	9.544	$0.20	9.74
Mar	2049	9.452	$	0.007	$	9.458	$0.20	9.66
Apr	2049	9.346	$	0.019	$	9.365	$0.20	9.56
May	2049	8.991	$	0.033	$	9.023	$0.19	9.21
Jun	2049	9.041	$	0.089	$	9.130	$0.19	9.32
Jul	2049	9.257	$	0.124	$	9.381	$0.20	9.58
Aug	2049	9.309	$	0.151	$	9.460	$0.20	9.66
Sep	2049	9.142	$	0.071	$	9.214	$0.19	9.41
Oct	2049	8.977	$	0.058	$	9.035	$0.19	9.23
Nov	2049	9.324	$	0.046	$	9.370	$0.20	9.57
Dec	2049	9.702	$	0.062	$	9.764	$0.20	9.97
Jan	2050	9.755	$	0.086	$	9.841	$0.21	10.05
Feb	2050	9.783	$	0.033	$	9.816	$0.21	10.02
Mar	2050	9.486	$	0.006	$	9.492	$0.20	9.69
Apr	2050	9.015	$	0.023	$	9.038	$0.19	9.23
May	2050	9.058	$	0.032	$	9.090	$0.19	9.28
Jun	2050	9.108	$	0.097	$	9.204	$0.19	9.40
Jul	2050	9.393	$	0.124	$	9.517	$0.20	9.72
Aug	2050	9.450	$	0.158	$	9.608	$0.20	9.81
Sep	2050	9.423	$	0.072	$	9.496	$0.20	9.69
Oct	2050	9.119	$	0.063	$	9.182	$0.19	9.38
Nov	2050	9.368	$	0.047	$	9.416	$0.20	9.61
Dec	2050	9.683	$	0.065	$	9.748	$0.20	9.95

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DEF NATURAL GAS DISPATCH PRICES

Month	Year	Base HH Regular Supply Cost	Physical Basis FGT Z3	Base Cost Regular Supply Z3	GSNG MMBTU Variable Cost	GSNG Variable MMBTU Delivered Costs
Jan	2019	3.110	$ (0.046)	$ 3.064	$0.13	3.20
Feb	2019	2.690	$ (0.019)	$ 2.671	$0.12	2.79
Mar	2019	2.950	$ (0.003)	$ 2.947	$0.13	3.08
Apr	2019	2.650	$ (0.001)	$ 2.649	$0.12	2.77
May	2019	2.640	$ 0.005	$ 2.645	$0.12	2.76
Jun	2019	2.400	$ 0.037	$ 2.437	$0.11	2.55
Jul	2019	2.370	$ 0.048	$ 2.418	$0.11	2.53
Aug	2019	2.220	$ 0.056	$ 2.276	$0.11	2.38
Sep	2019	2.560	$ 0.016	$ 2.576	$0.12	2.69
Oct	2019	2.743	$ 0.010	$ 2.753	$0.12	2.87
Nov	2019	2.303	$ 0.012	$ 2.315	$0.11	2.42
Dec	2019	2.495	$ 0.023	$ 2.518	$0.11	2.63
Jan	2020	2.612	$ 0.035	$ 2.647	$0.12	2.77
Feb	2020	2.575	$ 0.024	$ 2.599	$0.12	2.72
Mar	2020	2.462	$ (0.020)	$ 2.442	$0.11	2.55
Apr	2020	2.247	$ (0.019)	$ 2.228	$0.10	2.33
May	2020	2.234	$ 0.005	$ 2.239	$0.10	2.34
Jun	2020	2.278	$ 0.026	$ 2.304	$0.11	2.41
Jul	2020	2.326	$ 0.048	$ 2.374	$0.11	2.48
Aug	2020	2.335	$ 0.055	$ 2.390	$0.11	2.50
Sep	2020	2.318	$ 0.012	$ 2.330	$0.11	2.44
Oct	2020	2.344	$ 0.016	$ 2.360	$0.11	2.47
Nov	2020	2.409	$ 0.025	$ 2.434	$0.11	2.54
Dec	2020	2.578	$ 0.034	$ 2.612	$0.12	2.73
Jan	2021	2.700	$ 0.038	$ 2.738	$0.12	2.86
Feb	2021	2.661	$ 0.033	$ 2.694	$0.12	2.81
Mar	2021	2.548	$ (0.015)	$ 2.533	$0.11	2.65
Apr	2021	2.284	$ (0.021)	$ 2.263	$0.10	2.37
May	2021	2.260	$ 0.005	$ 2.265	$0.10	2.37
Jun	2021	2.294	$ 0.025	$ 2.319	$0.11	2.43
Jul	2021	2.332	$ 0.047	$ 2.379	$0.11	2.49
Aug	2021	2.339	$ 0.058	$ 2.397	$0.11	2.51
Sep	2021	2.328	$ 0.011	$ 2.339	$0.11	2.45
Oct	2021	2.354	$ 0.018	$ 2.372	$0.11	2.48
Nov	2021	2.424	$ 0.027	$ 2.451	$0.11	2.56
Dec	2021	2.603	$ 0.038	$ 2.641	$0.12	2.76
Jan	2022	2.729	$ 0.041	$ 2.770	$0.12	2.89
Feb	2022	2.702	$ 0.036	$ 2.738	$0.12	2.86
Mar	2022	2.595	$ (0.013)	$ 2.582	$0.12	2.70
Apr	2022	2.340	$ (0.016)	$ 2.324	$0.11	2.43
May	2022	2.324	$ 0.007	$ 2.331	$0.11	2.44
Jun	2022	2.359	$ 0.034	$ 2.393	$0.11	2.50
Jul	2022	2.399	$ 0.059	$ 2.458	$0.11	2.57
Aug	2022	2.411	$ 0.066	$ 2.477	$0.11	2.59
Sep	2022	2.404	$ 0.021	$ 2.425	$0.11	2.54
Oct	2022	2.430	$ 0.024	$ 2.454	$0.11	2.57
Nov	2022	2.492	$ 0.034	$ 2.526	$0.11	2.64
Dec	2022	2.674	$ 0.044	$ 2.718	$0.12	2.84
Jan	2023	2.799	$ 0.052	$ 2.851	$0.13	2.98
Feb	2023	2.767	$ 0.047	$ 2.814	$0.12	2.94
Mar	2023	2.656	$ (0.003)	$ 2.653	$0.12	2.77
Apr	2023	2.401	$ (0.008)	$ 2.393	$0.11	2.50
May	2023	2.385	$ 0.016	$ 2.401	$0.11	2.51
Jun	2023	2.426	$ 0.042	$ 2.468	$0.11	2.58
Jul	2023	2.466	$ 0.068	$ 2.534	$0.11	2.65
Aug	2023	2.481	$ 0.076	$ 2.557	$0.11	2.67
Sep	2023	2.476	$ 0.029	$ 2.505	$0.11	2.62
Oct	2023	2.505	$ 0.030	$ 2.535	$0.11	2.65
Nov	2023	2.580	$ 0.037	$ 2.617	$0.12	2.73
Dec	2023	2.760	$ 0.053	$ 2.813	$0.12	2.94
Jan	2024	2.889	$ 0.058	$ 2.947	$0.13	3.08
Feb	2024	2.866	$ 0.050	$ 2.915	$0.13	3.04
Mar	2024	2.760	$ (0.002)	$ 2.758	$0.12	2.88
Apr	2024	2.534	$ (0.007)	$ 2.527	$0.11	2.64
May	2024	2.531	$ 0.017	$ 2.548	$0.11	2.66
Jun	2024	2.573	$ 0.046	$ 2.619	$0.12	2.74
Jul	2024	2.623	$ 0.077	$ 2.700	$0.12	2.82
Aug	2024	2.644	$ 0.077	$ 2.722	$0.12	2.84
Sep	2024	2.646	$ 0.047	$ 2.693	$0.12	2.81
Oct	2024	2.672	$ 0.040	$ 2.713	$0.12	2.83
Nov	2024	2.758	$ 0.044	$ 2.802	$0.12	2.93
Dec	2024	2.940	$ 0.056	$ 2.996	$0.13	3.13
Jan	2025	3.054	$ 0.061	$ 3.115	$0.13	3.25
Feb	2025	3.048	$ 0.055	$ 3.103	$0.13	3.24
Mar	2025	2.970	$ (0.001)	$ 2.969	$0.13	3.10
Apr	2025	2.799	$ (0.011)	$ 2.789	$0.12	2.91
May	2025	2.811	$ 0.016	$ 2.826	$0.12	2.95
Jun	2025	2.854	$ 0.054	$ 2.908	$0.13	3.04
Jul	2025	2.948	$ 0.078	$ 3.027	$0.13	3.16
Aug	2025	2.980	$ 0.078	$ 3.058	$0.13	3.19
Sep	2025	2.883	$ 0.045	$ 2.928	$0.13	3.06
Oct	2025	2.903	$ 0.035	$ 2.938	$0.13	3.07
Nov	2025	2.990	$ 0.036	$ 3.026	$0.13	3.16

GSNG SESH			
Current Yr	2019	√	DJ 10/11
Total Fuel Retention	3.35%		
100%-B	96.65%		
Total Variable	0.0263		
Esc%	100.00%	√	DJ 10/11

GSNG Firm	
Fuel Retention	1.85%
GSNG Variable	0.0200

SESH			
Fuel Retention	1.50%	√	DJ 10/11
Usage Rate	0.005	√	DJ 10/11
ACA	0.0013	√	DJ 10/11
SESH Variable	0.0063		

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Dec	2025	3.163	$ 0.051	$	3.214	$0.14	3.35
Jan	2026	3.255	$ 0.057	$	3.311	$0.14	3.45
Feb	2026	3.255	$ 0.053	$	3.308	$0.14	3.45
Mar	2026	3.176	$ (0.003)	$	3.172	$0.14	3.31
Apr	2026	3.042	$ (0.001)	$	3.041	$0.13	3.17
May	2026	3.061	$ 0.022	$	3.083	$0.13	3.22
Jun	2026	3.116	$ 0.053	$	3.169	$0.14	3.31
Jul	2026	3.276	$ 0.077	$	3.353	$0.14	3.50
Aug	2026	3.318	$ 0.078	$	3.396	$0.14	3.54
Sep	2026	3.252	$ 0.041	$	3.293	$0.14	3.43
Oct	2026	3.247	$ 0.034	$	3.280	$0.14	3.42
Nov	2026	3.322	$ 0.042	$	3.364	$0.14	3.51
Dec	2026	3.506	$ 0.054	$	3.559	$0.15	3.71
Jan	2027	3.583	$ 0.062	$	3.645	$0.15	3.80
Feb	2027	3.604	$ 0.057	$	3.661	$0.15	3.81
Mar	2027	3.551	$ (0.002)	$	3.549	$0.15	3.70
Apr	2027	3.396	$ (0.002)	$	3.394	$0.14	3.54
May	2027	3.424	$ 0.021	$	3.445	$0.15	3.59
Jun	2027	3.498	$ 0.051	$	3.549	$0.15	3.70
Jul	2027	3.731	$ 0.079	$	3.809	$0.16	3.97
Aug	2027	3.778	$ 0.082	$	3.860	$0.16	4.02
Sep	2027	3.768	$ 0.043	$	3.812	$0.16	3.97
Oct	2027	3.651	$ 0.038	$	3.690	$0.15	3.84
Nov	2027	3.730	$ 0.043	$	3.773	$0.16	3.93
Dec	2027	3.930	$ 0.054	$	3.984	$0.16	4.15
Jan	2028	3.993	$ 0.063	$	4.056	$0.17	4.22
Feb	2028	4.025	$ 0.047	$	4.072	$0.17	4.24
Mar	2028	3.948	$ (0.002)	$	3.946	$0.16	4.11
Apr	2028	3.907	$ (0.006)	$	3.900	$0.16	4.06
May	2028	3.947	$ 0.024	$	3.971	$0.16	4.13
Jun	2028	4.139	$ 0.059	$	4.198	$0.17	4.37
Jul	2028	4.159	$ 0.091	$	4.250	$0.17	4.42
Aug	2028	4.214	$ 0.089	$	4.304	$0.18	4.48
Sep	2028	4.278	$ 0.048	$	4.325	$0.18	4.50
Oct	2028	4.263	$ 0.044	$	4.307	$0.18	4.48
Nov	2028	4.329	$ 0.046	$	4.375	$0.18	4.55
Dec	2028	4.599	$ 0.054	$	4.653	$0.19	4.84
Jan	2029	4.640	$ 0.075	$	4.716	$0.19	4.91
Feb	2029	4.669	$ 0.068	$	4.737	$0.19	4.93
Mar	2029	4.455	$ 0.007	$	4.462	$0.18	4.64
Apr	2029	4.470	$ 0.002	$	4.472	$0.18	4.65
May	2029	4.534	$ 0.027	$	4.561	$0.18	4.75
Jun	2029	4.657	$ 0.062	$	4.719	$0.19	4.91
Jul	2029	4.385	$ 0.091	$	4.476	$0.18	4.66
Aug	2029	4.417	$ 0.098	$	4.516	$0.18	4.70
Sep	2029	4.535	$ 0.053	$	4.588	$0.19	4.77
Oct	2029	4.525	$ 0.040	$	4.565	$0.18	4.75
Nov	2029	4.430	$ 0.063	$	4.492	$0.18	4.67
Dec	2029	4.634	$ 0.062	$	4.696	$0.19	4.89
Jan	2030	4.665	$ 0.075	$	4.740	$0.19	4.93
Feb	2030	4.694	$ 0.069	$	4.763	$0.19	4.95
Mar	2030	4.583	$ 0.004	$	4.587	$0.19	4.77
Apr	2030	4.550	$ (0.008)	$	4.543	$0.18	4.73
May	2030	4.578	$ 0.029	$	4.607	$0.19	4.79
Jun	2030	4.653	$ 0.069	$	4.721	$0.19	4.91
Jul	2030	4.983	$ 0.104	$	5.086	$0.20	5.29
Aug	2030	5.019	$ 0.113	$	5.132	$0.20	5.34
Sep	2030	4.946	$ 0.056	$	5.002	$0.20	5.20
Oct	2030	4.722	$ 0.053	$	4.775	$0.19	4.97
Nov	2030	4.635	$ 0.056	$	4.692	$0.19	4.88
Dec	2030	4.861	$ 0.064	$	4.925	$0.20	5.12
Jan	2031	4.892	$ 0.098	$	4.989	$0.20	5.19
Feb	2031	4.922	$ 0.092	$	5.015	$0.20	5.22
Mar	2031	4.825	$ 0.019	$	4.845	$0.19	5.04
Apr	2031	4.785	$ 0.000	$	4.785	$0.19	4.98
May	2031	4.814	$ 0.055	$	4.869	$0.20	5.06
Jun	2031	4.879	$ 0.082	$	4.962	$0.20	5.16
Jul	2031	5.209	$ 0.116	$	5.325	$0.21	5.54
Aug	2031	5.261	$ 0.139	$	5.400	$0.21	5.61
Sep	2031	5.164	$ 0.086	$	5.250	$0.21	5.46
Oct	2031	5.003	$ 0.082	$	5.085	$0.20	5.29
Nov	2031	5.073	$ 0.066	$	5.139	$0.20	5.34
Dec	2031	5.249	$ 0.082	$	5.330	$0.21	5.54
Jan	2032	5.281	$ 0.106	$	5.388	$0.21	5.60
Feb	2032	5.310	$ 0.077	$	5.387	$0.21	5.60
Mar	2032	5.289	$ 0.050	$	5.339	$0.21	5.55
Apr	2032	5.127	$ 0.026	$	5.153	$0.20	5.36
May	2032	5.155	$ 0.069	$	5.224	$0.21	5.43
Jun	2032	5.188	$ 0.095	$	5.283	$0.21	5.49
Jul	2032	5.333	$ 0.136	$	5.469	$0.22	5.68
Aug	2032	5.378	$ 0.159	$	5.538	$0.22	5.76
Sep	2032	5.301	$ 0.091	$	5.392	$0.21	5.61
Oct	2032	5.266	$ 0.088	$	5.355	$0.21	5.57
Nov	2032	5.389	$ 0.053	$	5.443	$0.21	5.66
Dec	2032	5.402	$ 0.072	$	5.475	$0.22	5.69
Jan	2033	5.137	$ 0.093	$	5.230	$0.21	5.44
Feb	2033	5.172	$ 0.091	$	5.263	$0.21	5.47
Mar	2033	5.121	$ 0.022	$	5.143	$0.20	5.35
Apr	2033	5.120	$ 0.016	$	5.136	$0.20	5.34
May	2033	5.153	$ 0.032	$	5.185	$0.21	5.39

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Jun	2033	5.189	$ 0.080	$	5.269	$0.21	5.48
Jul	2033	5.348	$ 0.119	$	5.467	$0.22	5.68
Aug	2033	5.395	$ 0.127	$	5.522	$0.22	5.74
Sep	2033	5.324	$ 0.068	$	5.393	$0.21	5.61
Oct	2033	5.275	$ 0.053	$	5.328	$0.21	5.54
Nov	2033	5.430	$ 0.033	$	5.463	$0.22	5.68
Dec	2033	5.620	$ 0.047	$	5.668	$0.22	5.89
Jan	2034	5.658	$ 0.080	$	5.738	$0.23	5.96
Feb	2034	5.495	$ 0.056	$	5.550	$0.22	5.77
Mar	2034	5.336	$ (0.008)	$	5.328	$0.21	5.54
Apr	2034	5.273	$ 0.009	$	5.282	$0.21	5.49
May	2034	5.307	$ 0.039	$	5.346	$0.21	5.56
Jun	2034	5.342	$ 0.084	$	5.426	$0.21	5.64
Jul	2034	5.598	$ 0.125	$	5.723	$0.22	5.95
Aug	2034	5.641	$ 0.144	$	5.785	$0.23	6.01
Sep	2034	5.534	$ 0.074	$	5.608	$0.22	5.83
Oct	2034	5.398	$ 0.049	$	5.447	$0.22	5.66
Nov	2034	5.631	$ 0.034	$	5.665	$0.22	5.89
Dec	2034	5.829	$ 0.055	$	5.884	$0.23	6.11
Jan	2035	5.870	$ 0.086	$	5.956	$0.23	6.19
Feb	2035	5.900	$ 0.065	$	5.965	$0.23	6.20
Mar	2035	5.720	$ 0.018	$	5.739	$0.23	5.96
Apr	2035	5.462	$ 0.023	$	5.485	$0.22	5.70
May	2035	5.496	$ 0.046	$	5.542	$0.22	5.76
Jun	2035	5.531	$ 0.091	$	5.623	$0.22	5.84
Jul	2035	5.817	$ 0.130	$	5.947	$0.23	6.18
Aug	2035	5.854	$ 0.147	$	6.001	$0.23	6.24
Sep	2035	5.756	$ 0.075	$	5.831	$0.23	6.06
Oct	2035	5.608	$ 0.048	$	5.656	$0.22	5.88
Nov	2035	5.657	$ 0.033	$	5.690	$0.22	5.91
Dec	2035	5.813	$ 0.058	$	5.872	$0.23	6.10
Jan	2036	5.851	$ 0.093	$	5.944	$0.23	6.18
Feb	2036	5.876	$ 0.034	$	5.911	$0.23	6.14
Mar	2036	5.778	$ 0.020	$	5.798	$0.23	6.03
Apr	2036	5.552	$ 0.023	$	5.575	$0.22	5.79
May	2036	5.586	$ 0.049	$	5.636	$0.22	5.86
Jun	2036	5.627	$ 0.096	$	5.723	$0.22	5.95
Jul	2036	5.794	$ 0.135	$	5.929	$0.23	6.16
Aug	2036	5.835	$ 0.150	$	5.985	$0.23	6.22
Sep	2036	5.807	$ 0.089	$	5.896	$0.23	6.13
Oct	2036	5.768	$ 0.076	$	5.844	$0.23	6.07
Nov	2036	5.846	$ 0.051	$	5.897	$0.23	6.13
Dec	2036	6.113	$ 0.064	$	6.177	$0.24	6.42
Jan	2037	6.160	$ 0.105	$	6.266	$0.24	6.51
Feb	2037	6.199	$ 0.081	$	6.281	$0.24	6.53
Mar	2037	6.107	$ 0.024	$	6.132	$0.24	6.37
Apr	2037	5.931	$ 0.021	$	5.952	$0.23	6.18
May	2037	5.968	$ 0.055	$	6.023	$0.24	6.26
Jun	2037	6.027	$ 0.111	$	6.138	$0.24	6.38
Jul	2037	6.286	$ 0.147	$	6.433	$0.25	6.68
Aug	2037	6.327	$ 0.147	$	6.474	$0.25	6.72
Sep	2037	6.240	$ 0.096	$	6.336	$0.25	6.58
Oct	2037	6.172	$ 0.074	$	6.246	$0.24	6.49
Nov	2037	6.250	$ 0.052	$	6.302	$0.24	6.55
Dec	2037	6.511	$ 0.078	$	6.589	$0.25	6.84
Jan	2038	6.552	$ 0.111	$	6.663	$0.26	6.92
Feb	2038	6.592	$ 0.088	$	6.681	$0.26	6.94
Mar	2038	6.491	$ 0.026	$	6.517	$0.25	6.77
Apr	2038	6.270	$ 0.044	$	6.314	$0.25	6.56
May	2038	6.308	$ 0.060	$	6.369	$0.25	6.62
Jun	2038	6.354	$ 0.118	$	6.472	$0.25	6.72
Jul	2038	6.534	$ 0.152	$	6.686	$0.26	6.94
Aug	2038	6.580	$ 0.145	$	6.725	$0.26	6.98
Sep	2038	6.432	$ 0.104	$	6.536	$0.25	6.79
Oct	2038	6.367	$ 0.064	$	6.431	$0.25	6.68
Nov	2038	6.473	$ 0.073	$	6.546	$0.25	6.80
Dec	2038	6.705	$ 0.100	$	6.805	$0.26	7.07
Jan	2039	6.748	$ 0.119	$	6.866	$0.26	7.13
Feb	2039	6.789	$ 0.101	$	6.891	$0.27	7.16
Mar	2039	6.627	$ 0.032	$	6.660	$0.26	6.92
Apr	2039	6.202	$ 0.041	$	6.243	$0.24	6.49
May	2039	6.237	$ 0.052	$	6.290	$0.24	6.53
Jun	2039	6.278	$ 0.115	$	6.392	$0.25	6.64
Jul	2039	6.341	$ 0.129	$	6.470	$0.25	6.72
Aug	2039	6.890	$ 0.145	$	7.035	$0.27	7.31
Sep	2039	6.860	$ 0.088	$	6.948	$0.27	7.22
Oct	2039	6.605	$ 0.081	$	6.686	$0.26	6.94
Nov	2039	6.680	$ 0.063	$	6.743	$0.26	7.00
Dec	2039	6.885	$ 0.087	$	6.971	$0.27	7.24
Jan	2040	6.925	$ 0.098	$	7.023	$0.27	7.29
Feb	2040	6.962	$ 0.061	$	7.022	$0.27	7.29
Mar	2040	6.849	$ 0.033	$	6.882	$0.26	7.15
Apr	2040	6.622	$ 0.013	$	6.635	$0.26	6.89
May	2040	6.660	$ 0.058	$	6.718	$0.26	6.98
Jun	2040	6.717	$ 0.108	$	6.824	$0.26	7.09
Jul	2040	6.962	$ 0.144	$	7.107	$0.27	7.38
Aug	2040	7.005	$ 0.155	$	7.160	$0.27	7.43
Sep	2040	6.991	$ 0.098	$	7.089	$0.27	7.36
Oct	2040	6.835	$ 0.086	$	6.921	$0.27	7.19
Nov	2040	6.907	$ 0.069	$	6.976	$0.27	7.24

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Dec	2040	7.143	$ 0.111	$	7.255	$0.28	7.53
Jan	2041	7.186	$ 0.113	$	7.298	$0.28	7.58
Feb	2041	7.213	$ 0.083	$	7.296	$0.28	7.58
Mar	2041	7.060	$ 0.037	$	7.097	$0.27	7.37
Apr	2041	6.802	$ 0.048	$	6.850	$0.26	7.11
May	2041	6.844	$ 0.061	$	6.905	$0.27	7.17
Jun	2041	6.917	$ 0.124	$	7.041	$0.27	7.31
Jul	2041	7.221	$ 0.166	$	7.387	$0.28	7.67
Aug	2041	7.264	$ 0.158	$	7.421	$0.28	7.70
Sep	2041	7.266	$ 0.116	$	7.382	$0.28	7.66
Oct	2041	7.027	$ 0.061	$	7.088	$0.27	7.36
Nov	2041	7.157	$ 0.077	$	7.234	$0.28	7.51
Dec	2041	7.359	$ 0.127	$	7.486	$0.29	7.77
Jan	2042	7.402	$ 0.120	$	7.523	$0.29	7.81
Feb	2042	7.433	$ 0.089	$	7.522	$0.29	7.81
Mar	2042	7.276	$ 0.033	$	7.309	$0.28	7.59
Apr	2042	7.072	$ 0.045	$	7.117	$0.27	7.39
May	2042	7.115	$ 0.063	$	7.179	$0.28	7.45
Jun	2042	7.185	$ 0.134	$	7.319	$0.28	7.60
Jul	2042	7.551	$ 0.168	$	7.719	$0.29	8.01
Aug	2042	7.599	$ 0.171	$	7.770	$0.30	8.07
Sep	2042	7.574	$ 0.120	$	7.694	$0.29	7.99
Oct	2042	7.314	$ 0.080	$	7.394	$0.28	7.68
Nov	2042	7.355	$ 0.075	$	7.429	$0.28	7.71
Dec	2042	7.587	$ 0.102	$	7.689	$0.29	7.98
Jan	2043	7.632	$ 0.105	$	7.737	$0.29	8.03
Feb	2043	7.656	$ 0.058	$	7.715	$0.29	8.01
Mar	2043	7.507	$ 0.035	$	7.542	$0.29	7.83
Apr	2043	7.246	$ 0.028	$	7.275	$0.28	7.55
May	2043	7.291	$ 0.050	$	7.341	$0.28	7.62
Jun	2043	7.346	$ 0.106	$	7.452	$0.28	7.74
Jul	2043	7.705	$ 0.164	$	7.869	$0.30	8.17
Aug	2043	7.751	$ 0.156	$	7.907	$0.30	8.21
Sep	2043	7.776	$ 0.091	$	7.866	$0.30	8.16
Oct	2043	7.486	$ 0.077	$	7.562	$0.29	7.85
Nov	2043	7.551	$ 0.066	$	7.617	$0.29	7.91
Dec	2043	7.795	$ 0.097	$	7.892	$0.30	8.19
Jan	2044	7.843	$ 0.099	$	7.942	$0.30	8.24
Feb	2044	7.877	$ 0.059	$	7.936	$0.30	8.24
Mar	2044	7.712	$ 0.025	$	7.737	$0.29	8.03
Apr	2044	7.571	$ 0.029	$	7.600	$0.29	7.89
May	2044	7.615	$ 0.040	$	7.655	$0.29	7.95
Jun	2044	7.661	$ 0.105	$	7.766	$0.30	8.06
Jul	2044	8.012	$ 0.160	$	8.173	$0.31	8.48
Aug	2044	8.062	$ 0.162	$	8.224	$0.31	8.54
Sep	2044	8.047	$ 0.080	$	8.127	$0.31	8.43
Oct	2044	7.844	$ 0.045	$	7.889	$0.30	8.19
Nov	2044	7.965	$ 0.060	$	8.025	$0.30	8.33
Dec	2044	8.212	$ 0.099	$	8.311	$0.31	8.63
Jan	2045	8.261	$ 0.107	$	8.368	$0.32	8.68
Feb	2045	8.310	$ 0.056	$	8.366	$0.32	8.68
Mar	2045	8.177	$ 0.031	$	8.208	$0.31	8.52
Apr	2045	7.989	$ 0.026	$	8.015	$0.30	8.32
May	2045	8.031	$ 0.042	$	8.072	$0.31	8.38
Jun	2045	8.080	$ 0.109	$	8.189	$0.31	8.50
Jul	2045	8.453	$ 0.157	$	8.610	$0.32	8.93
Aug	2045	8.506	$ 0.169	$	8.676	$0.33	9.00
Sep	2045	8.521	$ 0.085	$	8.606	$0.32	8.93
Oct	2045	8.268	$ 0.062	$	8.331	$0.32	8.65
Nov	2045	8.402	$ 0.062	$	8.464	$0.32	8.78
Dec	2045	8.652	$ 0.096	$	8.748	$0.33	9.08
Jan	2046	8.703	$ 0.115	$	8.818	$0.33	9.15
Feb	2046	8.730	$ 0.062	$	8.792	$0.33	9.12
Mar	2046	8.526	$ 0.022	$	8.549	$0.32	8.87
Apr	2046	8.288	$ 0.018	$	8.306	$0.31	8.62
May	2046	8.324	$ 0.043	$	8.368	$0.32	8.68
Jun	2046	8.374	$ 0.110	$	8.484	$0.32	8.80
Jul	2046	8.801	$ 0.158	$	8.959	$0.34	9.30
Aug	2046	8.857	$ 0.176	$	9.033	$0.34	9.37
Sep	2046	8.828	$ 0.081	$	8.909	$0.34	9.24
Oct	2046	8.549	$ 0.062	$	8.611	$0.32	8.94
Nov	2046	8.628	$ 0.064	$	8.692	$0.33	9.02
Dec	2046	8.854	$ 0.103	$	8.957	$0.34	9.29
Jan	2047	8.906	$ 0.126	$	9.032	$0.34	9.37
Feb	2047	8.921	$ 0.058	$	8.979	$0.34	9.32
Mar	2047	8.604	$ 0.019	$	8.622	$0.33	8.95
Apr	2047	8.403	$ 0.022	$	8.425	$0.32	8.74
May	2047	8.437	$ 0.039	$	8.476	$0.32	8.80
Jun	2047	8.486	$ 0.123	$	8.610	$0.32	8.93
Jul	2047	8.902	$ 0.165	$	9.067	$0.34	9.41
Aug	2047	8.958	$ 0.182	$	9.140	$0.34	9.48
Sep	2047	8.954	$ 0.088	$	9.042	$0.34	9.38
Oct	2047	8.794	$ 0.052	$	8.846	$0.33	9.18
Nov	2047	8.872	$ 0.052	$	8.924	$0.34	9.26
Dec	2047	8.907	$ 0.093	$	9.001	$0.34	9.34
Jan	2048	8.959	$ 0.109	$	9.068	$0.34	9.41
Feb	2048	9.002	$ 0.036	$	9.038	$0.34	9.38
Mar	2048	8.799	$ 0.007	$	8.806	$0.33	9.14
Apr	2048	8.672	$ 0.022	$	8.694	$0.33	9.02
May	2048	8.721	$ 0.032	$	8.753	$0.33	9.08

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Jun	2048	8.811	$	0.099	$	8.910	$0.34	9.25
Jul	2048	9.345	$	0.136	$	9.480	$0.35	9.83
Aug	2048	9.410	$	0.181	$	9.591	$0.36	9.95
Sep	2048	9.428	$	0.072	$	9.500	$0.36	9.86
Oct	2048	9.043	$	0.058	$	9.101	$0.34	9.44
Nov	2048	9.185	$	0.046	$	9.231	$0.35	9.58
Dec	2048	9.448	$	0.061	$	9.509	$0.36	9.86
Jan	2049	9.502	$	0.085	$	9.587	$0.36	9.95
Feb	2049	9.512	$	0.031	$	9.544	$0.36	9.90
Mar	2049	9.452	$	0.007	$	9.458	$0.35	9.81
Apr	2049	9.346	$	0.019	$	9.365	$0.35	9.72
May	2049	8.991	$	0.033	$	9.023	$0.34	9.36
Jun	2049	9.041	$	0.089	$	9.130	$0.34	9.47
Jul	2049	9.257	$	0.124	$	9.381	$0.35	9.73
Aug	2049	9.309	$	0.151	$	9.460	$0.35	9.81
Sep	2049	9.142	$	0.071	$	9.214	$0.35	9.56
Oct	2049	8.977	$	0.058	$	9.035	$0.34	9.37
Nov	2049	9.324	$	0.046	$	9.370	$0.35	9.72
Dec	2049	9.702	$	0.062	$	9.764	$0.36	10.13
Jan	2050	9.755	$	0.086	$	9.841	$0.37	10.21
Feb	2050	9.783	$	0.033	$	9.816	$0.37	10.18
Mar	2050	9.486	$	0.006	$	9.492	$0.36	9.85
Apr	2050	9.015	$	0.023	$	9.038	$0.34	9.38
May	2050	9.058	$	0.032	$	9.090	$0.34	9.43
Jun	2050	9.108	$	0.097	$	9.204	$0.35	9.55
Jul	2050	9.393	$	0.124	$	9.517	$0.36	9.87
Aug	2050	9.450	$	0.158	$	9.608	$0.36	9.97
Sep	2050	9.423	$	0.072	$	9.496	$0.36	9.85
Oct	2050	9.119	$	0.063	$	9.182	$0.34	9.53
Nov	2050	9.368	$	0.047	$	9.416	$0.35	9.77
Dec	2050	9.683	$	0.065	$	9.748	$0.36	10.11

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DEF NATURAL GAS DISPATCH PRICES

Month	Year	Base HH Regular Supply Cost	Physical Basis FGT Z3	Base Cost Regular Supply Z3	GSNG MMBTU Variable Cost	GSNG Variable MMBTU Delivered Costs
Jan	2019	3.110	$ (0.046)	$ 3.064	$0.91	3.97
Feb	2019	2.690	$ (0.019)	$ 2.671	$0.90	3.57
Mar	2019	2.950	$ (0.003)	$ 2.947	$0.90	3.85
Apr	2019	2.650	$ (0.001)	$ 2.649	$0.90	3.55
May	2019	2.640	$ 0.005	$ 2.645	$0.90	3.54
Jun	2019	2.400	$ 0.037	$ 2.437	$0.89	3.33
Jul	2019	2.370	$ 0.048	$ 2.418	$0.89	3.31
Aug	2019	2.220	$ 0.056	$ 2.276	$0.89	3.17
Sep	2019	2.560	$ 0.016	$ 2.576	$0.90	3.47
Oct	2019	2.743	$ 0.010	$ 2.753	$0.90	3.65
Nov	2019	2.303	$ 0.012	$ 2.315	$0.89	3.21
Dec	2019	2.495	$ 0.023	$ 2.518	$0.90	3.41
Jan	2020	2.612	$ 0.035	$ 2.647	$0.90	3.55
Feb	2020	2.575	$ 0.024	$ 2.599	$0.90	3.50
Mar	2020	2.462	$ (0.020)	$ 2.442	$0.89	3.34
Apr	2020	2.247	$ (0.019)	$ 2.228	$0.89	3.12
May	2020	2.234	$ 0.005	$ 2.239	$0.89	3.13
Jun	2020	2.278	$ 0.026	$ 2.304	$0.89	3.20
Jul	2020	2.326	$ 0.048	$ 2.374	$0.89	3.27
Aug	2020	2.335	$ 0.055	$ 2.390	$0.89	3.28
Sep	2020	2.318	$ 0.012	$ 2.330	$0.89	3.22
Oct	2020	2.344	$ 0.016	$ 2.360	$0.89	3.25
Nov	2020	2.409	$ 0.025	$ 2.434	$0.89	3.33
Dec	2020	2.578	$ 0.034	$ 2.612	$0.90	3.51
Jan	2021	2.700	$ 0.038	$ 2.738	$0.90	3.64
Feb	2021	2.661	$ 0.033	$ 2.694	$0.90	3.59
Mar	2021	2.548	$ (0.015)	$ 2.533	$0.90	3.43
Apr	2021	2.284	$ (0.021)	$ 2.263	$0.89	3.15
May	2021	2.260	$ 0.005	$ 2.265	$0.89	3.16
Jun	2021	2.294	$ 0.025	$ 2.319	$0.89	3.21
Jul	2021	2.332	$ 0.047	$ 2.379	$0.89	3.27
Aug	2021	2.339	$ 0.058	$ 2.397	$0.89	3.29
Sep	2021	2.328	$ 0.011	$ 2.339	$0.89	3.23
Oct	2021	2.354	$ 0.018	$ 2.372	$0.89	3.26
Nov	2021	2.424	$ 0.027	$ 2.451	$0.89	3.35
Dec	2021	2.603	$ 0.038	$ 2.641	$0.90	3.54
Jan	2022	2.729	$ 0.041	$ 2.770	$0.90	3.67
Feb	2022	2.702	$ 0.036	$ 2.738	$0.90	3.64
Mar	2022	2.595	$ (0.013)	$ 2.582	$0.90	3.48
Apr	2022	2.340	$ (0.016)	$ 2.324	$0.89	3.22
May	2022	2.324	$ 0.007	$ 2.331	$0.89	3.22
Jun	2022	2.359	$ 0.034	$ 2.393	$0.89	3.29
Jul	2022	2.399	$ 0.059	$ 2.458	$0.89	3.35
Aug	2022	2.411	$ 0.066	$ 2.477	$0.89	3.37
Sep	2022	2.404	$ 0.021	$ 2.425	$0.89	3.32
Oct	2022	2.430	$ 0.024	$ 2.454	$0.89	3.35
Nov	2022	2.492	$ 0.034	$ 2.526	$0.90	3.42
Dec	2022	2.674	$ 0.044	$ 2.718	$0.90	3.62
Jan	2023	2.799	$ 0.052	$ 2.851	$0.90	3.75
Feb	2023	2.767	$ 0.047	$ 2.814	$0.90	3.72
Mar	2023	2.656	$ (0.003)	$ 2.653	$0.90	3.55
Apr	2023	2.401	$ (0.008)	$ 2.393	$0.89	3.29
May	2023	2.385	$ 0.016	$ 2.401	$0.89	3.29
Jun	2023	2.426	$ 0.042	$ 2.468	$0.89	3.36
Jul	2023	2.466	$ 0.068	$ 2.534	$0.90	3.43
Aug	2023	2.481	$ 0.076	$ 2.557	$0.90	3.45
Sep	2023	2.476	$ 0.029	$ 2.505	$0.90	3.40
Oct	2023	2.505	$ 0.030	$ 2.535	$0.90	3.43
Nov	2023	2.580	$ 0.037	$ 2.617	$0.90	3.51
Dec	2023	2.760	$ 0.053	$ 2.813	$0.90	3.71
Jan	2024	2.889	$ 0.058	$ 2.947	$0.90	3.85
Feb	2024	2.866	$ 0.050	$ 2.915	$0.90	3.82
Mar	2024	2.760	$ (0.002)	$ 2.758	$0.90	3.66
Apr	2024	2.534	$ (0.007)	$ 2.527	$0.90	3.42
May	2024	2.531	$ 0.017	$ 2.548	$0.90	3.44
Jun	2024	2.573	$ 0.046	$ 2.619	$0.90	3.52
Jul	2024	2.623	$ 0.077	$ 2.700	$0.90	3.60
Aug	2024	2.644	$ 0.077	$ 2.722	$0.90	3.62
Sep	2024	2.646	$ 0.047	$ 2.693	$0.90	3.59
Oct	2024	2.672	$ 0.040	$ 2.713	$0.90	3.61
Nov	2024	2.758	$ 0.044	$ 2.802	$0.90	3.70
Dec	2024	2.940	$ 0.056	$ 2.996	$0.90	3.90
Jan	2025	3.054	$ 0.061	$ 3.115	$0.91	4.02
Feb	2025	3.048	$ 0.055	$ 3.103	$0.91	4.01
Mar	2025	2.970	$ (0.001)	$ 2.969	$0.90	3.87
Apr	2025	2.799	$ (0.011)	$ 2.789	$0.90	3.69
May	2025	2.811	$ 0.016	$ 2.826	$0.90	3.73
Jun	2025	2.854	$ 0.054	$ 2.908	$0.90	3.81
Jul	2025	2.948	$ 0.078	$ 3.027	$0.91	3.93

GSNG - IT			
Current Yr	2019	√	DJ 10/11
Fuel Retention	1.85%	√	DJ 10/11
100%-B	98.15%		
Total Variable	0.8482		
Esc%	100.00%	√	DJ 10/11
Variable			
GSNG - IT Variable	0.8482	√	DJ 10/11
UFS	0.0000	√	DJ 10/11
Total Variable	0.8482		

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Aug	2025	2.980	$ 0.078	$	3.058	$0.91	3.96
Sep	2025	2.883	$ 0.045	$	2.928	$0.90	3.83
Oct	2025	2.903	$ 0.035	$	2.938	$0.90	3.84
Nov	2025	2.990	$ 0.036	$	3.026	$0.91	3.93
Dec	2025	3.163	$ 0.051	$	3.214	$0.91	4.12
Jan	2026	3.255	$ 0.057	$	3.311	$0.91	4.22
Feb	2026	3.255	$ 0.053	$	3.308	$0.91	4.22
Mar	2026	3.176	$ (0.003)	$	3.172	$0.91	4.08
Apr	2026	3.042	$ (0.001)	$	3.041	$0.91	3.95
May	2026	3.061	$ 0.022	$	3.083	$0.91	3.99
Jun	2026	3.116	$ 0.053	$	3.169	$0.91	4.08
Jul	2026	3.276	$ 0.077	$	3.353	$0.91	4.26
Aug	2026	3.318	$ 0.078	$	3.396	$0.91	4.31
Sep	2026	3.252	$ 0.041	$	3.293	$0.91	4.20
Oct	2026	3.247	$ 0.034	$	3.280	$0.91	4.19
Nov	2026	3.322	$ 0.042	$	3.364	$0.91	4.28
Dec	2026	3.506	$ 0.054	$	3.559	$0.92	4.47
Jan	2027	3.583	$ 0.062	$	3.645	$0.92	4.56
Feb	2027	3.604	$ 0.057	$	3.661	$0.92	4.58
Mar	2027	3.551	$ (0.002)	$	3.549	$0.92	4.46
Apr	2027	3.396	$ (0.002)	$	3.394	$0.91	4.31
May	2027	3.424	$ 0.021	$	3.445	$0.91	4.36
Jun	2027	3.498	$ 0.051	$	3.549	$0.92	4.46
Jul	2027	3.731	$ 0.079	$	3.809	$0.92	4.73
Aug	2027	3.778	$ 0.082	$	3.860	$0.92	4.78
Sep	2027	3.768	$ 0.043	$	3.812	$0.92	4.73
Oct	2027	3.651	$ 0.038	$	3.690	$0.92	4.61
Nov	2027	3.730	$ 0.043	$	3.773	$0.92	4.69
Dec	2027	3.930	$ 0.054	$	3.984	$0.92	4.91
Jan	2028	3.993	$ 0.063	$	4.056	$0.92	4.98
Feb	2028	4.025	$ 0.047	$	4.072	$0.92	5.00
Mar	2028	3.948	$ (0.002)	$	3.946	$0.92	4.87
Apr	2028	3.907	$ (0.006)	$	3.900	$0.92	4.82
May	2028	3.947	$ 0.024	$	3.971	$0.92	4.89
Jun	2028	4.139	$ 0.059	$	4.198	$0.93	5.13
Jul	2028	4.159	$ 0.091	$	4.250	$0.93	5.18
Aug	2028	4.214	$ 0.089	$	4.304	$0.93	5.23
Sep	2028	4.278	$ 0.048	$	4.325	$0.93	5.25
Oct	2028	4.263	$ 0.044	$	4.307	$0.93	5.24
Nov	2028	4.329	$ 0.046	$	4.375	$0.93	5.31
Dec	2028	4.599	$ 0.054	$	4.653	$0.94	5.59
Jan	2029	4.640	$ 0.075	$	4.716	$0.94	5.65
Feb	2029	4.669	$ 0.068	$	4.737	$0.94	5.67
Mar	2029	4.455	$ 0.007	$	4.462	$0.93	5.39
Apr	2029	4.470	$ 0.002	$	4.472	$0.93	5.40
May	2029	4.534	$ 0.027	$	4.561	$0.93	5.50
Jun	2029	4.657	$ 0.062	$	4.719	$0.94	5.66
Jul	2029	4.385	$ 0.091	$	4.476	$0.93	5.41
Aug	2029	4.417	$ 0.098	$	4.516	$0.93	5.45
Sep	2029	4.535	$ 0.053	$	4.588	$0.93	5.52
Oct	2029	4.525	$ 0.040	$	4.565	$0.93	5.50
Nov	2029	4.430	$ 0.063	$	4.492	$0.93	5.42
Dec	2029	4.634	$ 0.062	$	4.696	$0.94	5.63
Jan	2030	4.665	$ 0.075	$	4.740	$0.94	5.68
Feb	2030	4.694	$ 0.069	$	4.763	$0.94	5.70
Mar	2030	4.583	$ 0.004	$	4.587	$0.93	5.52
Apr	2030	4.550	$ (0.008)	$	4.543	$0.93	5.48
May	2030	4.578	$ 0.029	$	4.607	$0.94	5.54
Jun	2030	4.653	$ 0.069	$	4.721	$0.94	5.66
Jul	2030	4.983	$ 0.104	$	5.086	$0.94	6.03
Aug	2030	5.019	$ 0.113	$	5.132	$0.94	6.08
Sep	2030	4.946	$ 0.056	$	5.002	$0.94	5.94
Oct	2030	4.722	$ 0.053	$	4.775	$0.94	5.71
Nov	2030	4.635	$ 0.056	$	4.692	$0.94	5.63
Dec	2030	4.861	$ 0.064	$	4.925	$0.94	5.87
Jan	2031	4.892	$ 0.098	$	4.989	$0.94	5.93
Feb	2031	4.922	$ 0.092	$	5.015	$0.94	5.96
Mar	2031	4.825	$ 0.019	$	4.845	$0.94	5.78
Apr	2031	4.785	$ 0.000	$	4.785	$0.94	5.72
May	2031	4.814	$ 0.055	$	4.869	$0.94	5.81
Jun	2031	4.879	$ 0.082	$	4.962	$0.94	5.90
Jul	2031	5.209	$ 0.116	$	5.325	$0.95	6.27
Aug	2031	5.261	$ 0.139	$	5.400	$0.95	6.35
Sep	2031	5.164	$ 0.086	$	5.250	$0.95	6.20
Oct	2031	5.003	$ 0.082	$	5.085	$0.94	6.03
Nov	2031	5.073	$ 0.066	$	5.139	$0.95	6.08
Dec	2031	5.249	$ 0.082	$	5.330	$0.95	6.28
Jan	2032	5.281	$ 0.106	$	5.388	$0.95	6.34
Feb	2032	5.310	$ 0.077	$	5.387	$0.95	6.34
Mar	2032	5.289	$ 0.050	$	5.339	$0.95	6.29
Apr	2032	5.127	$ 0.026	$	5.153	$0.95	6.10
May	2032	5.155	$ 0.069	$	5.224	$0.95	6.17
Jun	2032	5.188	$ 0.095	$	5.283	$0.95	6.23
Jul	2032	5.333	$ 0.136	$	5.469	$0.95	6.42
Aug	2032	5.378	$ 0.159	$	5.538	$0.95	6.49

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Sep	2032	5.301	$	0.091	$	5.392	$0.95	6.34
Oct	2032	5.266	$	0.088	$	5.355	$0.95	6.30
Nov	2032	5.389	$	0.053	$	5.443	$0.95	6.39
Dec	2032	5.402	$	0.072	$	5.475	$0.95	6.43
Jan	2033	5.137	$	0.093	$	5.230	$0.95	6.18
Feb	2033	5.172	$	0.091	$	5.263	$0.95	6.21
Mar	2033	5.121	$	0.022	$	5.143	$0.95	6.09
Apr	2033	5.120	$	0.016	$	5.136	$0.95	6.08
May	2033	5.153	$	0.032	$	5.185	$0.95	6.13
Jun	2033	5.189	$	0.080	$	5.269	$0.95	6.22
Jul	2033	5.348	$	0.119	$	5.467	$0.95	6.42
Aug	2033	5.395	$	0.127	$	5.522	$0.95	6.47
Sep	2033	5.324	$	0.068	$	5.393	$0.95	6.34
Oct	2033	5.275	$	0.053	$	5.328	$0.95	6.28
Nov	2033	5.430	$	0.033	$	5.463	$0.95	6.41
Dec	2033	5.620	$	0.047	$	5.668	$0.96	6.62
Jan	2034	5.658	$	0.080	$	5.738	$0.96	6.69
Feb	2034	5.495	$	0.056	$	5.550	$0.95	6.50
Mar	2034	5.336	$	(0.008)	$	5.328	$0.95	6.28
Apr	2034	5.273	$	0.009	$	5.282	$0.95	6.23
May	2034	5.307	$	0.039	$	5.346	$0.95	6.29
Jun	2034	5.342	$	0.084	$	5.426	$0.95	6.38
Jul	2034	5.598	$	0.125	$	5.723	$0.96	6.68
Aug	2034	5.641	$	0.144	$	5.785	$0.96	6.74
Sep	2034	5.534	$	0.074	$	5.608	$0.95	6.56
Oct	2034	5.398	$	0.049	$	5.447	$0.95	6.40
Nov	2034	5.631	$	0.034	$	5.665	$0.95	6.62
Dec	2034	5.829	$	0.055	$	5.884	$0.96	6.84
Jan	2035	5.870	$	0.086	$	5.956	$0.96	6.92
Feb	2035	5.900	$	0.065	$	5.965	$0.96	6.93
Mar	2035	5.720	$	0.018	$	5.739	$0.96	6.70
Apr	2035	5.462	$	0.023	$	5.485	$0.95	6.44
May	2035	5.496	$	0.046	$	5.542	$0.95	6.49
Jun	2035	5.531	$	0.091	$	5.623	$0.95	6.58
Jul	2035	5.817	$	0.130	$	5.947	$0.96	6.91
Aug	2035	5.854	$	0.147	$	6.001	$0.96	6.96
Sep	2035	5.756	$	0.075	$	5.831	$0.96	6.79
Oct	2035	5.608	$	0.048	$	5.656	$0.95	6.61
Nov	2035	5.657	$	0.033	$	5.690	$0.96	6.65
Dec	2035	5.813	$	0.058	$	5.872	$0.96	6.83
Jan	2036	5.851	$	0.093	$	5.944	$0.96	6.90
Feb	2036	5.876	$	0.034	$	5.911	$0.96	6.87
Mar	2036	5.778	$	0.020	$	5.798	$0.96	6.76
Apr	2036	5.552	$	0.023	$	5.575	$0.95	6.53
May	2036	5.586	$	0.049	$	5.636	$0.95	6.59
Jun	2036	5.627	$	0.096	$	5.723	$0.96	6.68
Jul	2036	5.794	$	0.135	$	5.929	$0.96	6.89
Aug	2036	5.835	$	0.150	$	5.985	$0.96	6.95
Sep	2036	5.807	$	0.089	$	5.896	$0.96	6.86
Oct	2036	5.768	$	0.076	$	5.844	$0.96	6.80
Nov	2036	5.846	$	0.051	$	5.897	$0.96	6.86
Dec	2036	6.113	$	0.064	$	6.177	$0.96	7.14
Jan	2037	6.160	$	0.105	$	6.266	$0.97	7.23
Feb	2037	6.199	$	0.081	$	6.281	$0.97	7.25
Mar	2037	6.107	$	0.024	$	6.132	$0.96	7.10
Apr	2037	5.931	$	0.021	$	5.952	$0.96	6.91
May	2037	5.968	$	0.055	$	6.023	$0.96	6.98
Jun	2037	6.027	$	0.111	$	6.138	$0.96	7.10
Jul	2037	6.286	$	0.147	$	6.433	$0.97	7.40
Aug	2037	6.327	$	0.147	$	6.474	$0.97	7.44
Sep	2037	6.240	$	0.096	$	6.336	$0.97	7.30
Oct	2037	6.172	$	0.074	$	6.246	$0.97	7.21
Nov	2037	6.250	$	0.052	$	6.302	$0.97	7.27
Dec	2037	6.511	$	0.078	$	6.589	$0.97	7.56
Jan	2038	6.552	$	0.111	$	6.663	$0.97	7.64
Feb	2038	6.592	$	0.088	$	6.681	$0.97	7.66
Mar	2038	6.491	$	0.026	$	6.517	$0.97	7.49
Apr	2038	6.270	$	0.044	$	6.314	$0.97	7.28
May	2038	6.308	$	0.060	$	6.369	$0.97	7.34
Jun	2038	6.354	$	0.118	$	6.472	$0.97	7.44
Jul	2038	6.534	$	0.152	$	6.686	$0.97	7.66
Aug	2038	6.580	$	0.145	$	6.725	$0.97	7.70
Sep	2038	6.432	$	0.104	$	6.536	$0.97	7.51
Oct	2038	6.367	$	0.064	$	6.431	$0.97	7.40
Nov	2038	6.473	$	0.073	$	6.546	$0.97	7.52
Dec	2038	6.705	$	0.100	$	6.805	$0.98	7.78
Jan	2039	6.748	$	0.119	$	6.866	$0.98	7.84
Feb	2039	6.789	$	0.101	$	6.891	$0.98	7.87
Mar	2039	6.627	$	0.032	$	6.660	$0.97	7.63
Apr	2039	6.202	$	0.041	$	6.243	$0.97	7.21
May	2039	6.237	$	0.052	$	6.290	$0.97	7.26
Jun	2039	6.278	$	0.115	$	6.392	$0.97	7.36
Jul	2039	6.341	$	0.129	$	6.470	$0.97	7.44
Aug	2039	6.890	$	0.145	$	7.035	$0.98	8.02
Sep	2039	6.860	$	0.088	$	6.948	$0.98	7.93

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Oct	2039	6.605	$	0.081	$	6.686	$0.97	7.66
Nov	2039	6.680	$	0.063	$	6.743	$0.98	7.72
Dec	2039	6.885	$	0.087	$	6.971	$0.98	7.95
Jan	2040	6.925	$	0.098	$	7.023	$0.98	8.00
Feb	2040	6.962	$	0.061	$	7.022	$0.98	8.00
Mar	2040	6.849	$	0.033	$	6.882	$0.98	7.86
Apr	2040	6.622	$	0.013	$	6.635	$0.97	7.61
May	2040	6.660	$	0.058	$	6.718	$0.97	7.69
Jun	2040	6.717	$	0.108	$	6.824	$0.98	7.80
Jul	2040	6.962	$	0.144	$	7.107	$0.98	8.09
Aug	2040	7.005	$	0.155	$	7.160	$0.98	8.14
Sep	2040	6.991	$	0.098	$	7.089	$0.98	8.07
Oct	2040	6.835	$	0.086	$	6.921	$0.98	7.90
Nov	2040	6.907	$	0.069	$	6.976	$0.98	7.96
Dec	2040	7.143	$	0.111	$	7.255	$0.98	8.24
Jan	2041	7.186	$	0.113	$	7.298	$0.99	8.28
Feb	2041	7.213	$	0.083	$	7.296	$0.99	8.28
Mar	2041	7.060	$	0.037	$	7.097	$0.98	8.08
Apr	2041	6.802	$	0.048	$	6.850	$0.98	7.83
May	2041	6.844	$	0.061	$	6.905	$0.98	7.88
Jun	2041	6.917	$	0.124	$	7.041	$0.98	8.02
Jul	2041	7.221	$	0.166	$	7.387	$0.99	8.37
Aug	2041	7.264	$	0.158	$	7.421	$0.99	8.41
Sep	2041	7.266	$	0.116	$	7.382	$0.99	8.37
Oct	2041	7.027	$	0.061	$	7.088	$0.98	8.07
Nov	2041	7.157	$	0.077	$	7.234	$0.98	8.22
Dec	2041	7.359	$	0.127	$	7.486	$0.99	8.48
Jan	2042	7.402	$	0.120	$	7.523	$0.99	8.51
Feb	2042	7.433	$	0.089	$	7.522	$0.99	8.51
Mar	2042	7.276	$	0.033	$	7.309	$0.99	8.29
Apr	2042	7.072	$	0.045	$	7.117	$0.98	8.10
May	2042	7.115	$	0.063	$	7.179	$0.98	8.16
Jun	2042	7.185	$	0.134	$	7.319	$0.99	8.31
Jul	2042	7.551	$	0.168	$	7.719	$0.99	8.71
Aug	2042	7.599	$	0.171	$	7.770	$0.99	8.76
Sep	2042	7.574	$	0.120	$	7.694	$0.99	8.69
Oct	2042	7.314	$	0.080	$	7.394	$0.99	8.38
Nov	2042	7.355	$	0.075	$	7.429	$0.99	8.42
Dec	2042	7.587	$	0.102	$	7.689	$0.99	8.68
Jan	2043	7.632	$	0.105	$	7.737	$0.99	8.73
Feb	2043	7.656	$	0.058	$	7.715	$0.99	8.71
Mar	2043	7.507	$	0.035	$	7.542	$0.99	8.53
Apr	2043	7.246	$	0.028	$	7.275	$0.99	8.26
May	2043	7.291	$	0.050	$	7.341	$0.99	8.33
Jun	2043	7.346	$	0.106	$	7.452	$0.99	8.44
Jul	2043	7.705	$	0.164	$	7.869	$1.00	8.87
Aug	2043	7.751	$	0.156	$	7.907	$1.00	8.90
Sep	2043	7.776	$	0.091	$	7.866	$1.00	8.86
Oct	2043	7.486	$	0.077	$	7.562	$0.99	8.55
Nov	2043	7.551	$	0.066	$	7.617	$0.99	8.61
Dec	2043	7.795	$	0.097	$	7.892	$1.00	8.89
Jan	2044	7.843	$	0.099	$	7.942	$1.00	8.94
Feb	2044	7.877	$	0.059	$	7.936	$1.00	8.93
Mar	2044	7.712	$	0.025	$	7.737	$0.99	8.73
Apr	2044	7.571	$	0.029	$	7.600	$0.99	8.59
May	2044	7.615	$	0.040	$	7.655	$0.99	8.65
Jun	2044	7.661	$	0.105	$	7.766	$0.99	8.76
Jul	2044	8.012	$	0.160	$	8.173	$1.00	9.18
Aug	2044	8.062	$	0.162	$	8.224	$1.00	9.23
Sep	2044	8.047	$	0.080	$	8.127	$1.00	9.13
Oct	2044	7.844	$	0.045	$	7.889	$1.00	8.89
Nov	2044	7.965	$	0.060	$	8.025	$1.00	9.02
Dec	2044	8.212	$	0.099	$	8.311	$1.00	9.32
Jan	2045	8.261	$	0.107	$	8.368	$1.01	9.37
Feb	2045	8.310	$	0.056	$	8.366	$1.01	9.37
Mar	2045	8.177	$	0.031	$	8.208	$1.00	9.21
Apr	2045	7.989	$	0.026	$	8.015	$1.00	9.01
May	2045	8.031	$	0.042	$	8.072	$1.00	9.07
Jun	2045	8.080	$	0.109	$	8.189	$1.00	9.19
Jul	2045	8.453	$	0.157	$	8.610	$1.01	9.62
Aug	2045	8.506	$	0.169	$	8.676	$1.01	9.69
Sep	2045	8.521	$	0.085	$	8.606	$1.01	9.62
Oct	2045	8.268	$	0.062	$	8.331	$1.01	9.34
Nov	2045	8.402	$	0.062	$	8.464	$1.01	9.47
Dec	2045	8.652	$	0.096	$	8.748	$1.01	9.76
Jan	2046	8.703	$	0.115	$	8.818	$1.01	9.83
Feb	2046	8.730	$	0.062	$	8.792	$1.01	9.81
Mar	2046	8.526	$	0.022	$	8.549	$1.01	9.56
Apr	2046	8.288	$	0.018	$	8.306	$1.00	9.31
May	2046	8.324	$	0.043	$	8.368	$1.01	9.37
Jun	2046	8.374	$	0.110	$	8.484	$1.01	9.49
Jul	2046	8.801	$	0.158	$	8.959	$1.02	9.98
Aug	2046	8.857	$	0.176	$	9.033	$1.02	10.05
Sep	2046	8.828	$	0.081	$	8.909	$1.02	9.93
Oct	2046	8.549	$	0.062	$	8.611	$1.01	9.62

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Nov	2046	8.628	$	0.064	$	8.692	$1.01	9.70
Dec	2046	8.854	$	0.103	$	8.957	$1.02	9.97
Jan	2047	8.906	$	0.126	$	9.032	$1.02	10.05
Feb	2047	8.921	$	0.058	$	8.979	$1.02	10.00
Mar	2047	8.604	$	0.019	$	8.622	$1.01	9.63
Apr	2047	8.403	$	0.022	$	8.425	$1.01	9.43
May	2047	8.437	$	0.039	$	8.476	$1.01	9.48
Jun	2047	8.486	$	0.123	$	8.610	$1.01	9.62
Jul	2047	8.902	$	0.165	$	9.067	$1.02	10.09
Aug	2047	8.958	$	0.182	$	9.140	$1.02	10.16
Sep	2047	8.954	$	0.088	$	9.042	$1.02	10.06
Oct	2047	8.794	$	0.052	$	8.846	$1.01	9.86
Nov	2047	8.872	$	0.052	$	8.924	$1.02	9.94
Dec	2047	8.907	$	0.093	$	9.001	$1.02	10.02
Jan	2048	8.959	$	0.109	$	9.068	$1.02	10.09
Feb	2048	9.002	$	0.036	$	9.038	$1.02	10.06
Mar	2048	8.799	$	0.007	$	8.806	$1.01	9.82
Apr	2048	8.672	$	0.022	$	8.694	$1.01	9.71
May	2048	8.721	$	0.032	$	8.753	$1.01	9.77
Jun	2048	8.811	$	0.099	$	8.910	$1.02	9.93
Jul	2048	9.345	$	0.136	$	9.480	$1.03	10.51
Aug	2048	9.410	$	0.181	$	9.591	$1.03	10.62
Sep	2048	9.428	$	0.072	$	9.500	$1.03	10.53
Oct	2048	9.043	$	0.058	$	9.101	$1.02	10.12
Nov	2048	9.185	$	0.046	$	9.231	$1.02	10.25
Dec	2048	9.448	$	0.061	$	9.509	$1.03	10.54
Jan	2049	9.502	$	0.085	$	9.587	$1.03	10.62
Feb	2049	9.512	$	0.031	$	9.544	$1.03	10.57
Mar	2049	9.452	$	0.007	$	9.458	$1.03	10.48
Apr	2049	9.346	$	0.019	$	9.365	$1.02	10.39
May	2049	8.991	$	0.033	$	9.023	$1.02	10.04
Jun	2049	9.041	$	0.089	$	9.130	$1.02	10.15
Jul	2049	9.257	$	0.124	$	9.381	$1.03	10.41
Aug	2049	9.309	$	0.151	$	9.460	$1.03	10.49
Sep	2049	9.142	$	0.071	$	9.214	$1.02	10.24
Oct	2049	8.977	$	0.058	$	9.035	$1.02	10.05
Nov	2049	9.324	$	0.046	$	9.370	$1.02	10.39
Dec	2049	9.702	$	0.062	$	9.764	$1.03	10.80
Jan	2050	9.755	$	0.086	$	9.841	$1.03	10.87
Feb	2050	9.783	$	0.033	$	9.816	$1.03	10.85
Mar	2050	9.486	$	0.006	$	9.492	$1.03	10.52
Apr	2050	9.015	$	0.023	$	9.038	$1.02	10.06
May	2050	9.058	$	0.032	$	9.090	$1.02	10.11
Jun	2050	9.108	$	0.097	$	9.204	$1.02	10.23
Jul	2050	9.393	$	0.124	$	9.517	$1.03	10.54
Aug	2050	9.450	$	0.158	$	9.608	$1.03	10.64
Sep	2050	9.423	$	0.072	$	9.496	$1.03	10.52
Oct	2050	9.119	$	0.063	$	9.182	$1.02	10.20
Nov	2050	9.368	$	0.047	$	9.416	$1.03	10.44
Dec	2050	9.683	$	0.065	$	9.748	$1.03	10.78

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DEF NATURAL GAS DISPATCH PRICES

Month	Year	Base HH Regular Supply Cost	Physical Basis Transco Zone 4	Base Cost Regular Supply Z4	Sabal Trail MMBTU Variable Cost	Sabal Trail Variable MMBTU Delivered Costs
Jan	2019	3.110	$ (0.055)	$ 3.055	$0.10	3.16
Feb	2019	2.690	$ (0.035)	$ 2.655	$0.09	2.74
Mar	2019	2.950	$ (0.050)	$ 2.900	$0.10	3.00
Apr	2019	2.650	$ (0.030)	$ 2.620	$0.09	2.71
May	2019	2.640	$ (0.004)	$ 2.636	$0.09	2.73
Jun	2019	2.400	$ 0.003	$ 2.403	$0.08	2.48
Jul	2019	2.370	$ 0.011	$ 2.381	$0.08	2.46
Aug	2019	2.220	$ 0.011	$ 2.231	$0.08	2.31
Sep	2019	2.560	$ 0.002	$ 2.562	$0.09	2.65
Oct	2019	2.743	$ (0.030)	$ 2.713	$0.09	2.80
Nov	2019	2.303	$ (0.021)	$ 2.282	$0.08	2.36
Dec	2019	2.495	$ (0.007)	$ 2.488	$0.08	2.57
Jan	2020	2.612	$ (0.009)	$ 2.603	$0.09	2.69
Feb	2020	2.575	$ (0.024)	$ 2.551	$0.09	2.64
Mar	2020	2.462	$ (0.021)	$ 2.441	$0.08	2.52
Apr	2020	2.247	$ (0.051)	$ 2.196	$0.07	2.27
May	2020	2.234	$ (0.050)	$ 2.184	$0.07	2.26
Jun	2020	2.278	$ (0.040)	$ 2.238	$0.08	2.31
Jul	2020	2.326	$ (0.027)	$ 2.299	$0.08	2.38
Aug	2020	2.335	$ (0.006)	$ 2.329	$0.08	2.41
Sep	2020	2.318	$ (0.045)	$ 2.273	$0.08	2.35
Oct	2020	2.344	$ (0.063)	$ 2.281	$0.08	2.36
Nov	2020	2.409	$ (0.031)	$ 2.378	$0.08	2.46
Dec	2020	2.578	$ (0.024)	$ 2.554	$0.09	2.64
Jan	2021	2.700	$ (0.010)	$ 2.690	$0.09	2.78
Feb	2021	2.661	$ (0.026)	$ 2.635	$0.09	2.72
Mar	2021	2.548	$ (0.017)	$ 2.531	$0.09	2.62
Apr	2021	2.284	$ (0.072)	$ 2.212	$0.08	2.29
May	2021	2.260	$ (0.066)	$ 2.194	$0.07	2.27
Jun	2021	2.294	$ (0.048)	$ 2.246	$0.08	2.32
Jul	2021	2.332	$ (0.039)	$ 2.293	$0.08	2.37
Aug	2021	2.339	$ (0.020)	$ 2.319	$0.08	2.40
Sep	2021	2.328	$ (0.054)	$ 2.274	$0.08	2.35
Oct	2021	2.354	$ (0.061)	$ 2.293	$0.08	2.37
Nov	2021	2.424	$ (0.036)	$ 2.388	$0.08	2.47
Dec	2021	2.603	$ (0.023)	$ 2.580	$0.09	2.67
Jan	2022	2.729	$ (0.017)	$ 2.712	$0.09	2.80
Feb	2022	2.702	$ (0.027)	$ 2.675	$0.09	2.77
Mar	2022	2.595	$ (0.029)	$ 2.566	$0.09	2.65
Apr	2022	2.340	$ (0.067)	$ 2.273	$0.08	2.35
May	2022	2.324	$ (0.067)	$ 2.257	$0.08	2.33
Jun	2022	2.359	$ (0.044)	$ 2.315	$0.08	2.39
Jul	2022	2.399	$ (0.024)	$ 2.375	$0.08	2.46
Aug	2022	2.411	$ (0.015)	$ 2.396	$0.08	2.48
Sep	2022	2.404	$ (0.049)	$ 2.355	$0.08	2.43
Oct	2022	2.430	$ (0.058)	$ 2.372	$0.08	2.45
Nov	2022	2.492	$ (0.032)	$ 2.460	$0.08	2.54
Dec	2022	2.674	$ (0.015)	$ 2.659	$0.09	2.75
Jan	2023	2.799	$ (0.019)	$ 2.780	$0.09	2.87
Feb	2023	2.767	$ (0.034)	$ 2.733	$0.09	2.83
Mar	2023	2.656	$ (0.028)	$ 2.628	$0.09	2.72
Apr	2023	2.401	$ (0.068)	$ 2.333	$0.08	2.41
May	2023	2.385	$ (0.064)	$ 2.321	$0.08	2.40
Jun	2023	2.426	$ (0.050)	$ 2.376	$0.08	2.46
Jul	2023	2.466	$ (0.040)	$ 2.426	$0.08	2.51
Aug	2023	2.481	$ (0.029)	$ 2.452	$0.08	2.54
Sep	2023	2.476	$ (0.050)	$ 2.426	$0.08	2.51
Oct	2023	2.505	$ (0.061)	$ 2.444	$0.08	2.53
Nov	2023	2.580	$ (0.046)	$ 2.534	$0.09	2.62
Dec	2023	2.760	$ (0.023)	$ 2.737	$0.09	2.83
Jan	2024	2.889	$ (0.030)	$ 2.859	$0.10	2.96
Feb	2024	2.866	$ (0.044)	$ 2.821	$0.10	2.92
Mar	2024	2.760	$ (0.046)	$ 2.714	$0.09	2.81
Apr	2024	2.534	$ (0.086)	$ 2.449	$0.08	2.53
May	2024	2.531	$ (0.081)	$ 2.450	$0.08	2.53
Jun	2024	2.573	$ (0.060)	$ 2.514	$0.09	2.60

Sabal Trail			
Current Yr	2019	√	DJ 10/11
Fuel Retention	3.15%	√	DJ 10/11
100%-B	96.85%		
Total Variable	0.0034		
Esc%	100.00%	√	DJ 10/11
Variable			
Usage Rate	0.0021	√	DJ 10/11
ACA	0.0013	√	DJ 10/11
Total Variable	0.0034		

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Jul	2024	2.623	$ (0.045)	$	2.578	$0.09	2.67
Aug	2024	2.644	$ (0.028)	$	2.616	$0.09	2.70
Sep	2024	2.646	$ (0.060)	$	2.586	$0.09	2.67
Oct	2024	2.672	$ (0.060)	$	2.612	$0.09	2.70
Nov	2024	2.758	$ (0.050)	$	2.709	$0.09	2.80
Dec	2024	2.940	$ (0.038)	$	2.902	$0.10	3.00
Jan	2025	3.054	$ (0.030)	$	3.024	$0.10	3.13
Feb	2025	3.048	$ (0.044)	$	3.004	$0.10	3.11
Mar	2025	2.970	$ (0.048)	$	2.923	$0.10	3.02
Apr	2025	2.799	$ (0.098)	$	2.702	$0.09	2.79
May	2025	2.811	$ (0.093)	$	2.717	$0.09	2.81
Jun	2025	2.854	$ (0.060)	$	2.794	$0.09	2.89
Jul	2025	2.948	$ (0.038)	$	2.911	$0.10	3.01
Aug	2025	2.980	$ (0.025)	$	2.955	$0.10	3.05
Sep	2025	2.883	$ (0.059)	$	2.824	$0.10	2.92
Oct	2025	2.903	$ (0.078)	$	2.825	$0.10	2.92
Nov	2025	2.990	$ (0.065)	$	2.925	$0.10	3.02
Dec	2025	3.163	$ (0.055)	$	3.108	$0.10	3.21
Jan	2026	3.255	$ (0.045)	$	3.209	$0.11	3.32
Feb	2026	3.255	$ (0.053)	$	3.202	$0.11	3.31
Mar	2026	3.176	$ (0.059)	$	3.116	$0.10	3.22
Apr	2026	3.042	$ (0.089)	$	2.952	$0.10	3.05
May	2026	3.061	$ (0.088)	$	2.973	$0.10	3.07
Jun	2026	3.116	$ (0.060)	$	3.056	$0.10	3.16
Jul	2026	3.276	$ (0.044)	$	3.232	$0.11	3.34
Aug	2026	3.318	$ (0.036)	$	3.281	$0.11	3.39
Sep	2026	3.252	$ (0.063)	$	3.189	$0.11	3.30
Oct	2026	3.247	$ (0.088)	$	3.158	$0.11	3.26
Nov	2026	3.322	$ (0.064)	$	3.258	$0.11	3.37
Dec	2026	3.506	$ (0.049)	$	3.457	$0.12	3.57
Jan	2027	3.583	$ (0.040)	$	3.544	$0.12	3.66
Feb	2027	3.604	$ (0.052)	$	3.552	$0.12	3.67
Mar	2027	3.551	$ (0.064)	$	3.487	$0.12	3.60
Apr	2027	3.396	$ (0.097)	$	3.299	$0.11	3.41
May	2027	3.424	$ (0.096)	$	3.328	$0.11	3.44
Jun	2027	3.498	$ (0.060)	$	3.438	$0.12	3.55
Jul	2027	3.731	$ (0.044)	$	3.687	$0.12	3.81
Aug	2027	3.778	$ (0.034)	$	3.743	$0.13	3.87
Sep	2027	3.768	$ (0.066)	$	3.702	$0.12	3.83
Oct	2027	3.651	$ (0.088)	$	3.563	$0.12	3.68
Nov	2027	3.730	$ (0.064)	$	3.666	$0.12	3.79
Dec	2027	3.930	$ (0.047)	$	3.883	$0.13	4.01
Jan	2028	3.993	$ (0.035)	$	3.958	$0.13	4.09
Feb	2028	4.025	$ (0.059)	$	3.965	$0.13	4.10
Mar	2028	3.948	$ (0.066)	$	3.882	$0.13	4.01
Apr	2028	3.907	$ (0.110)	$	3.797	$0.13	3.92
May	2028	3.947	$ (0.100)	$	3.847	$0.13	3.98
Jun	2028	4.139	$ (0.057)	$	4.082	$0.14	4.22
Jul	2028	4.159	$ (0.036)	$	4.123	$0.14	4.26
Aug	2028	4.214	$ (0.026)	$	4.189	$0.14	4.33
Sep	2028	4.278	$ (0.063)	$	4.215	$0.14	4.36
Oct	2028	4.263	$ (0.086)	$	4.177	$0.14	4.32
Nov	2028	4.329	$ (0.066)	$	4.263	$0.14	4.41
Dec	2028	4.599	$ (0.054)	$	4.544	$0.15	4.70
Jan	2029	4.640	$ (0.034)	$	4.607	$0.15	4.76
Feb	2029	4.669	$ (0.048)	$	4.621	$0.15	4.77
Mar	2029	4.455	$ (0.061)	$	4.394	$0.15	4.54
Apr	2029	4.470	$ (0.109)	$	4.361	$0.15	4.51
May	2029	4.534	$ (0.104)	$	4.430	$0.15	4.58
Jun	2029	4.657	$ (0.072)	$	4.585	$0.15	4.74
Jul	2029	4.385	$ (0.048)	$	4.337	$0.14	4.48
Aug	2029	4.417	$ (0.033)	$	4.384	$0.15	4.53
Sep	2029	4.535	$ (0.072)	$	4.463	$0.15	4.61
Oct	2029	4.525	$ (0.098)	$	4.427	$0.15	4.57
Nov	2029	4.430	$ (0.044)	$	4.386	$0.15	4.53
Dec	2029	4.634	$ (0.043)	$	4.590	$0.15	4.74
Jan	2030	4.665	$ (0.028)	$	4.637	$0.15	4.79
Feb	2030	4.694	$ (0.042)	$	4.652	$0.15	4.81
Mar	2030	4.583	$ (0.052)	$	4.531	$0.15	4.68
Apr	2030	4.550	$ (0.123)	$	4.428	$0.15	4.58
May	2030	4.578	$ (0.101)	$	4.477	$0.15	4.63
Jun	2030	4.653	$ (0.047)	$	4.606	$0.15	4.76
Jul	2030	4.983	$ (0.019)	$	4.964	$0.16	5.13

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Aug	2030	5.019	$ 0.003	$	5.022	$0.17	5.19
Sep	2030	4.946	$ (0.055)	$	4.891	$0.16	5.05
Oct	2030	4.722	$ (0.079)	$	4.643	$0.15	4.80
Nov	2030	4.635	$ (0.043)	$	4.592	$0.15	4.74
Dec	2030	4.861	$ (0.041)	$	4.820	$0.16	4.98
Jan	2031	4.892	$ (0.043)	$	4.849	$0.16	5.01
Feb	2031	4.922	$ (0.053)	$	4.870	$0.16	5.03
Mar	2031	4.825	$ (0.063)	$	4.762	$0.16	4.92
Apr	2031	4.785	$ (0.128)	$	4.656	$0.15	4.81
May	2031	4.814	$ (0.103)	$	4.711	$0.16	4.87
Jun	2031	4.879	$ (0.062)	$	4.817	$0.16	4.98
Jul	2031	5.209	$ (0.035)	$	5.174	$0.17	5.35
Aug	2031	5.261	$ (0.039)	$	5.222	$0.17	5.40
Sep	2031	5.164	$ (0.054)	$	5.110	$0.17	5.28
Oct	2031	5.003	$ (0.080)	$	4.922	$0.16	5.09
Nov	2031	5.073	$ (0.063)	$	5.010	$0.17	5.18
Dec	2031	5.249	$ (0.053)	$	5.196	$0.17	5.37
Jan	2032	5.281	$ (0.049)	$	5.232	$0.17	5.41
Feb	2032	5.310	$ (0.059)	$	5.251	$0.17	5.43
Mar	2032	5.289	$ (0.066)	$	5.223	$0.17	5.40
Apr	2032	5.127	$ (0.130)	$	4.997	$0.17	5.16
May	2032	5.155	$ (0.100)	$	5.055	$0.17	5.22
Jun	2032	5.188	$ (0.058)	$	5.130	$0.17	5.30
Jul	2032	5.333	$ (0.038)	$	5.295	$0.18	5.47
Aug	2032	5.378	$ (0.029)	$	5.350	$0.18	5.53
Sep	2032	5.301	$ (0.053)	$	5.248	$0.17	5.42
Oct	2032	5.266	$ (0.081)	$	5.185	$0.17	5.36
Nov	2032	5.389	$ (0.106)	$	5.283	$0.18	5.46
Dec	2032	5.402	$ (0.077)	$	5.325	$0.18	5.50
Jan	2033	5.137	$ (0.063)	$	5.074	$0.17	5.24
Feb	2033	5.172	$ (0.073)	$	5.099	$0.17	5.27
Mar	2033	5.121	$ (0.104)	$	5.018	$0.17	5.18
Apr	2033	5.120	$ (0.144)	$	4.976	$0.17	5.14
May	2033	5.153	$ (0.136)	$	5.017	$0.17	5.18
Jun	2033	5.189	$ (0.080)	$	5.109	$0.17	5.28
Jul	2033	5.348	$ (0.043)	$	5.305	$0.18	5.48
Aug	2033	5.395	$ (0.023)	$	5.372	$0.18	5.55
Sep	2033	5.324	$ (0.076)	$	5.248	$0.17	5.42
Oct	2033	5.275	$ (0.124)	$	5.151	$0.17	5.32
Nov	2033	5.430	$ (0.109)	$	5.321	$0.18	5.50
Dec	2033	5.620	$ (0.081)	$	5.540	$0.18	5.72
Jan	2034	5.658	$ (0.063)	$	5.595	$0.19	5.78
Feb	2034	5.495	$ (0.073)	$	5.421	$0.18	5.60
Mar	2034	5.336	$ (0.110)	$	5.226	$0.17	5.40
Apr	2034	5.273	$ (0.134)	$	5.138	$0.17	5.31
May	2034	5.307	$ (0.133)	$	5.173	$0.17	5.34
Jun	2034	5.342	$ (0.080)	$	5.262	$0.17	5.44
Jul	2034	5.598	$ (0.044)	$	5.554	$0.18	5.74
Aug	2034	5.641	$ (0.024)	$	5.616	$0.19	5.80
Sep	2034	5.534	$ (0.078)	$	5.456	$0.18	5.64
Oct	2034	5.398	$ (0.131)	$	5.267	$0.17	5.44
Nov	2034	5.631	$ (0.108)	$	5.523	$0.18	5.71
Dec	2034	5.829	$ (0.073)	$	5.756	$0.19	5.95
Jan	2035	5.870	$ (0.063)	$	5.807	$0.19	6.00
Feb	2035	5.900	$ (0.073)	$	5.827	$0.19	6.02
Mar	2035	5.720	$ (0.110)	$	5.611	$0.19	5.80
Apr	2035	5.462	$ (0.140)	$	5.322	$0.18	5.50
May	2035	5.496	$ (0.134)	$	5.362	$0.18	5.54
Jun	2035	5.531	$ (0.080)	$	5.451	$0.18	5.63
Jul	2035	5.817	$ (0.039)	$	5.778	$0.19	5.97
Aug	2035	5.854	$ (0.027)	$	5.827	$0.19	6.02
Sep	2035	5.756	$ (0.078)	$	5.678	$0.19	5.87
Oct	2035	5.608	$ (0.132)	$	5.476	$0.18	5.66
Nov	2035	5.657	$ (0.110)	$	5.547	$0.18	5.73
Dec	2035	5.813	$ (0.070)	$	5.743	$0.19	5.93
Jan	2036	5.851	$ (0.063)	$	5.788	$0.19	5.98
Feb	2036	5.876	$ (0.080)	$	5.796	$0.19	5.99
Mar	2036	5.778	$ (0.110)	$	5.668	$0.19	5.86
Apr	2036	5.552	$ (0.143)	$	5.409	$0.18	5.59
May	2036	5.586	$ (0.133)	$	5.453	$0.18	5.63
Jun	2036	5.627	$ (0.083)	$	5.544	$0.18	5.73
Jul	2036	5.794	$ (0.040)	$	5.753	$0.19	5.94
Aug	2036	5.835	$ (0.030)	$	5.805	$0.19	6.00

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Sep	2036	5.807	$	(0.074)	$ 5.733	$0.19	5.92
Oct	2036	5.768	$	(0.124)	$ 5.644	$0.19	5.83
Nov	2036	5.846	$	(0.109)	$ 5.737	$0.19	5.93
Dec	2036	6.113	$	(0.070)	$ 6.043	$0.20	6.24
Jan	2037	6.160	$	(0.059)	$ 6.102	$0.20	6.30
Feb	2037	6.199	$	(0.069)	$ 6.130	$0.20	6.33
Mar	2037	6.107	$	(0.114)	$ 5.994	$0.20	6.19
Apr	2037	5.931	$	(0.142)	$ 5.789	$0.19	5.98
May	2037	5.968	$	(0.138)	$ 5.830	$0.19	6.02
Jun	2037	6.027	$	(0.078)	$ 5.949	$0.20	6.15
Jul	2037	6.286	$	(0.038)	$ 6.248	$0.21	6.45
Aug	2037	6.327	$	(0.030)	$ 6.298	$0.21	6.51
Sep	2037	6.240	$	(0.073)	$ 6.167	$0.20	6.37
Oct	2037	6.172	$	(0.136)	$ 6.036	$0.20	6.24
Nov	2037	6.250	$	(0.121)	$ 6.129	$0.20	6.33
Dec	2037	6.511	$	(0.071)	$ 6.440	$0.21	6.65
Jan	2038	6.552	$	(0.063)	$ 6.489	$0.21	6.70
Feb	2038	6.592	$	(0.075)	$ 6.517	$0.22	6.73
Mar	2038	6.491	$	(0.122)	$ 6.369	$0.21	6.58
Apr	2038	6.270	$	(0.142)	$ 6.127	$0.20	6.33
May	2038	6.308	$	(0.141)	$ 6.167	$0.20	6.37
Jun	2038	6.354	$	(0.083)	$ 6.271	$0.21	6.48
Jul	2038	6.534	$	(0.042)	$ 6.492	$0.21	6.71
Aug	2038	6.580	$	(0.037)	$ 6.543	$0.22	6.76
Sep	2038	6.432	$	(0.075)	$ 6.358	$0.21	6.57
Oct	2038	6.367	$	(0.139)	$ 6.229	$0.21	6.43
Nov	2038	6.473	$	(0.119)	$ 6.354	$0.21	6.56
Dec	2038	6.705	$	(0.072)	$ 6.633	$0.22	6.85
Jan	2039	6.748	$	(0.063)	$ 6.685	$0.22	6.91
Feb	2039	6.789	$	(0.073)	$ 6.716	$0.22	6.94
Mar	2039	6.627	$	(0.122)	$ 6.505	$0.21	6.72
Apr	2039	6.202	$	(0.152)	$ 6.050	$0.20	6.25
May	2039	6.237	$	(0.149)	$ 6.088	$0.20	6.29
Jun	2039	6.278	$	(0.092)	$ 6.186	$0.20	6.39
Jul	2039	6.341	$	(0.057)	$ 6.284	$0.21	6.49
Aug	2039	6.890	$	(0.045)	$ 6.845	$0.23	7.07
Sep	2039	6.860	$	(0.080)	$ 6.780	$0.22	7.00
Oct	2039	6.605	$	(0.141)	$ 6.464	$0.21	6.68
Nov	2039	6.680	$	(0.121)	$ 6.558	$0.22	6.77
Dec	2039	6.885	$	(0.085)	$ 6.800	$0.22	7.02
Jan	2040	6.925	$	(0.067)	$ 6.858	$0.23	7.08
Feb	2040	6.962	$	(0.108)	$ 6.854	$0.23	7.08
Mar	2040	6.849	$	(0.124)	$ 6.725	$0.22	6.95
Apr	2040	6.622	$	(0.152)	$ 6.470	$0.21	6.68
May	2040	6.660	$	(0.152)	$ 6.508	$0.22	6.72
Jun	2040	6.717	$	(0.098)	$ 6.618	$0.22	6.84
Jul	2040	6.962	$	(0.055)	$ 6.908	$0.23	7.14
Aug	2040	7.005	$	(0.039)	$ 6.966	$0.23	7.20
Sep	2040	6.991	$	(0.083)	$ 6.908	$0.23	7.14
Oct	2040	6.835	$	(0.152)	$ 6.683	$0.22	6.90
Nov	2040	6.907	$	(0.131)	$ 6.776	$0.22	7.00
Dec	2040	7.143	$	(0.072)	$ 7.071	$0.23	7.30
Jan	2041	7.186	$	(0.063)	$ 7.123	$0.24	7.36
Feb	2041	7.213	$	(0.092)	$ 7.121	$0.24	7.36
Mar	2041	7.060	$	(0.125)	$ 6.934	$0.23	7.16
Apr	2041	6.802	$	(0.153)	$ 6.649	$0.22	6.87
May	2041	6.844	$	(0.154)	$ 6.690	$0.22	6.91
Jun	2041	6.917	$	(0.090)	$ 6.827	$0.23	7.05
Jul	2041	7.221	$	(0.040)	$ 7.181	$0.24	7.42
Aug	2041	7.264	$	(0.027)	$ 7.237	$0.24	7.48
Sep	2041	7.266	$	(0.081)	$ 7.186	$0.24	7.42
Oct	2041	7.027	$	(0.155)	$ 6.872	$0.23	7.10
Nov	2041	7.157	$	(0.129)	$ 7.027	$0.23	7.26
Dec	2041	7.359	$	(0.063)	$ 7.296	$0.24	7.54
Jan	2042	7.402	$	(0.053)	$ 7.349	$0.24	7.59
Feb	2042	7.433	$	(0.087)	$ 7.346	$0.24	7.59
Mar	2042	7.276	$	(0.138)	$ 7.138	$0.24	7.37
Apr	2042	7.072	$	(0.162)	$ 6.910	$0.23	7.14
May	2042	7.115	$	(0.156)	$ 6.959	$0.23	7.19
Jun	2042	7.185	$	(0.083)	$ 7.102	$0.23	7.34
Jul	2042	7.551	$	(0.046)	$ 7.506	$0.25	7.75
Aug	2042	7.599	$	(0.011)	$ 7.588	$0.25	7.84
Sep	2042	7.574	$	(0.072)	$ 7.502	$0.25	7.75

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Oct	2042	7.314	$ (0.154)	$ 7.160	$0.24	7.40
Nov	2042	7.355	$ (0.139)	$ 7.216	$0.24	7.45
Dec	2042	7.587	$ (0.131)	$ 7.456	$0.25	7.70
Jan	2043	7.632	$ (0.104)	$ 7.528	$0.25	7.78
Feb	2043	7.656	$ (0.152)	$ 7.504	$0.25	7.75
Mar	2043	7.507	$ (0.140)	$ 7.366	$0.24	7.61
Apr	2043	7.246	$ (0.194)	$ 7.053	$0.23	7.29
May	2043	7.291	$ (0.186)	$ 7.105	$0.23	7.34
Jun	2043	7.346	$ (0.159)	$ 7.187	$0.24	7.42
Jul	2043	7.705	$ (0.076)	$ 7.628	$0.25	7.88
Aug	2043	7.751	$ (0.060)	$ 7.690	$0.25	7.94
Sep	2043	7.776	$ (0.169)	$ 7.607	$0.25	7.86
Oct	2043	7.486	$ (0.166)	$ 7.320	$0.24	7.56
Nov	2043	7.551	$ (0.160)	$ 7.390	$0.24	7.63
Dec	2043	7.795	$ (0.143)	$ 7.652	$0.25	7.90
Jan	2044	7.843	$ (0.120)	$ 7.723	$0.25	7.98
Feb	2044	7.877	$ (0.155)	$ 7.721	$0.25	7.98
Mar	2044	7.712	$ (0.165)	$ 7.547	$0.25	7.80
Apr	2044	7.571	$ (0.215)	$ 7.356	$0.24	7.60
May	2044	7.615	$ (0.215)	$ 7.400	$0.24	7.64
Jun	2044	7.661	$ (0.169)	$ 7.492	$0.25	7.74
Jul	2044	8.012	$ (0.082)	$ 7.930	$0.26	8.19
Aug	2044	8.062	$ (0.060)	$ 8.002	$0.26	8.27
Sep	2044	8.047	$ (0.194)	$ 7.854	$0.26	8.11
Oct	2044	7.844	$ (0.218)	$ 7.625	$0.25	7.88
Nov	2044	7.965	$ (0.183)	$ 7.783	$0.26	8.04
Dec	2044	8.212	$ (0.152)	$ 8.060	$0.27	8.33
Jan	2045	8.261	$ (0.119)	$ 8.142	$0.27	8.41
Feb	2045	8.310	$ (0.173)	$ 8.137	$0.27	8.41
Mar	2045	8.177	$ (0.164)	$ 8.012	$0.26	8.28
Apr	2045	7.989	$ (0.226)	$ 7.763	$0.26	8.02
May	2045	8.031	$ (0.221)	$ 7.809	$0.26	8.07
Jun	2045	8.080	$ (0.174)	$ 7.907	$0.26	8.17
Jul	2045	8.453	$ (0.090)	$ 8.363	$0.28	8.64
Aug	2045	8.506	$ (0.064)	$ 8.443	$0.28	8.72
Sep	2045	8.521	$ (0.197)	$ 8.324	$0.27	8.60
Oct	2045	8.268	$ (0.221)	$ 8.047	$0.27	8.31
Nov	2045	8.402	$ (0.190)	$ 8.212	$0.27	8.48
Dec	2045	8.652	$ (0.160)	$ 8.492	$0.28	8.77
Jan	2046	8.703	$ (0.110)	$ 8.593	$0.28	8.88
Feb	2046	8.730	$ (0.174)	$ 8.556	$0.28	8.84
Mar	2046	8.526	$ (0.191)	$ 8.336	$0.27	8.61
Apr	2046	8.288	$ (0.238)	$ 8.050	$0.27	8.32
May	2046	8.324	$ (0.227)	$ 8.098	$0.27	8.36
Jun	2046	8.374	$ (0.177)	$ 8.197	$0.27	8.47
Jul	2046	8.801	$ (0.096)	$ 8.704	$0.29	8.99
Aug	2046	8.857	$ (0.058)	$ 8.799	$0.29	9.09
Sep	2046	8.828	$ (0.199)	$ 8.629	$0.28	8.91
Oct	2046	8.549	$ (0.222)	$ 8.327	$0.27	8.60
Nov	2046	8.628	$ (0.193)	$ 8.434	$0.28	8.71
Dec	2046	8.854	$ (0.151)	$ 8.702	$0.29	8.99
Jan	2047	8.906	$ (0.104)	$ 8.802	$0.29	9.09
Feb	2047	8.921	$ (0.193)	$ 8.728	$0.29	9.02
Mar	2047	8.604	$ (0.210)	$ 8.394	$0.28	8.67
Apr	2047	8.403	$ (0.255)	$ 8.149	$0.27	8.42
May	2047	8.437	$ (0.242)	$ 8.195	$0.27	8.46
Jun	2047	8.486	$ (0.153)	$ 8.334	$0.27	8.61
Jul	2047	8.902	$ (0.091)	$ 8.811	$0.29	9.10
Aug	2047	8.958	$ (0.054)	$ 8.904	$0.29	9.20
Sep	2047	8.954	$ (0.165)	$ 8.789	$0.29	9.08
Oct	2047	8.794	$ (0.234)	$ 8.560	$0.28	8.84
Nov	2047	8.872	$ (0.232)	$ 8.640	$0.28	8.92
Dec	2047	8.907	$ (0.180)	$ 8.728	$0.29	9.02
Jan	2048	8.959	$ (0.123)	$ 8.836	$0.29	9.13
Feb	2048	9.002	$ (0.214)	$ 8.789	$0.29	9.08
Mar	2048	8.799	$ (0.225)	$ 8.574	$0.28	8.86
Apr	2048	8.672	$ (0.258)	$ 8.413	$0.28	8.69
May	2048	8.721	$ (0.252)	$ 8.468	$0.28	8.75
Jun	2048	8.811	$ (0.186)	$ 8.625	$0.28	8.91
Jul	2048	9.345	$ (0.125)	$ 9.219	$0.30	9.52
Aug	2048	9.410	$ (0.062)	$ 9.348	$0.31	9.66
Sep	2048	9.428	$ (0.200)	$ 9.228	$0.30	9.53
Oct	2048	9.043	$ (0.249)	$ 8.794	$0.29	9.08

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Nov	2048	9.185	$	(0.244)	$ 8.941	$0.29	9.24
Dec	2048	9.448	$	(0.218)	$ 9.230	$0.30	9.53
Jan	2049	9.502	$	(0.179)	$ 9.323	$0.31	9.63
Feb	2049	9.512	$	(0.232)	$ 9.280	$0.31	9.59
Mar	2049	9.452	$	(0.231)	$ 9.221	$0.30	9.52
Apr	2049	9.346	$	(0.260)	$ 9.087	$0.30	9.39
May	2049	8.991	$	(0.252)	$ 8.739	$0.29	9.03
Jun	2049	9.041	$	(0.207)	$ 8.834	$0.29	9.12
Jul	2049	9.257	$	(0.150)	$ 9.107	$0.30	9.41
Aug	2049	9.309	$	(0.127)	$ 9.182	$0.30	9.48
Sep	2049	9.142	$	(0.195)	$ 8.948	$0.29	9.24
Oct	2049	8.977	$	(0.245)	$ 8.732	$0.29	9.02
Nov	2049	9.324	$	(0.240)	$ 9.084	$0.30	9.38
Dec	2049	9.702	$	(0.215)	$ 9.487	$0.31	9.80
Jan	2050	9.755	$	(0.175)	$ 9.581	$0.32	9.90
Feb	2050	9.783	$	(0.230)	$ 9.553	$0.31	9.87
Mar	2050	9.486	$	(0.230)	$ 9.257	$0.30	9.56
Apr	2050	9.015	$	(0.259)	$ 8.756	$0.29	9.04
May	2050	9.058	$	(0.251)	$ 8.807	$0.29	9.10
Jun	2050	9.108	$	(0.199)	$ 8.908	$0.29	9.20
Jul	2050	9.393	$	(0.148)	$ 9.245	$0.30	9.55
Aug	2050	9.450	$	(0.120)	$ 9.330	$0.31	9.64
Sep	2050	9.423	$	(0.194)	$ 9.229	$0.30	9.53
Oct	2050	9.119	$	(0.226)	$ 8.893	$0.29	9.19
Nov	2050	9.368	$	(0.239)	$ 9.129	$0.30	9.43
Dec	2050	9.683	$	(0.214)	$ 9.469	$0.31	9.78

Assumptions

Commodity (see NYMEX & Fundy tab)

1) 2019 - 2024 based on NYMEX gas from 9/6/19 settlement prices.
2) 2024 - 2028 transition from NYMEX to Fundamentals
3) 2029 - 2050 based on Natural Gas Basis Differential and Prices from the Fundamentals Department 9/17/19

Assumptions:

PEF Transportation Fixed Costs

Cypress Expansion Project (Southern Natural Gas ("SNG") and Florida Gas Transmission ("FGT" Phase VII Expansion)

1) Primary source of Natural Gas Supply is the SNG LNG Elba Island LNG Terminal located near Savannah, GA

SNG Cypress Expansion

1) Primary Receipt Pt: Elba Island, GA Primary Delivery Pt: FGT on the Jacksonville, FL Lateral (Delivers into PEF's FGT Phase VII FTS-2 Capacity)
2) Secondary / Alternate Receipt Pts: Any point on SNG system Secondary / Alternate Delivery Pts: Any point on SNG system
3) Expected in service no sooner than May 1, 2007
4) Eff: May 1, 2007, FT Capacity = 60,453 Dts/day May - Sep
5) Eff: October 1, 2007, FT Capacity = 25,189 Dts/day (Oct - Apr)
6) Eff: May 1, 2008, FT Capacity = 80,605 Dts/day (May-Sep)
7) Eff: October 1, 2008, FT Capacity = 40,302 Dts/day (Oct - Apr)
8) Eff: May 1, 2009, FT Capacity = 100,756 Dts/day (May-Sep)
9) Eff: October 1, 2009, FT Capacity = 50,378 Dts/day (Oct - Apr)
10) Fixed Daily Demand Rate = $.3547/dt Year Round (Negotiated Rate)

FGT Phase VII Expansion

1) Primary Receipt Pt: SNG Cypress on Jacksonville, FL Primary Delivery Pts: FGT @ PEF Hines Complex, FGT @ Mirant Shady Hills and FGT @ PEF Anclote
2) Secondary / Alternate Receipt rights to any point on FGT Secondary / Alternate Delivery rights to any PEF Delivery Point on FGT
3) Expected in service no sooner than May 1, 2007
4) Eff: May 1, 2007, FT Capacity = 60,00 Dts/day (May - Sep)
5) Eff: October 1, 2007, FT Capacity = 25,000 Dts/day (Oct - Apr)
6) Eff: May 1, 2008, FT Capacity = 80,000 Dts/day (May - Sep)
7) Eff: October 1, 2008, FT Capacity = 40,000 Dts/day (Oct - Apr)
8) Eff: May 1, 2009, FT Capacity = 100,000 Dts/day (May-Sep)
9) Eff: October 1, 2009, FT Capacity = 50,000 Dts/day (Oct - Apr)
10) Fixed Daily Demand Rate = $.100/dt Discounted FTS-2 Rate (Oct - Apr)
11) Fixed Daily Demand Rate = $0.7185/dt (FTS-2 Rate with Rate Cap) (May - Sep)

Gulfstream FT-6 Transportation

FT-6 Transportation

1) Primary Receipt Pts: Mobile Bay Area Points Primary Delivery Pts: GNGS @ PEF Hines Complex, GNGS @ Intercession City and GNGS @ PEF Tiger Bay
2) All Fixed Cost Daily Demand Rates = $.55/dt (Negotiated Rates)
3) 1 FT-6 Contract No. 9000105R1 capacity sculpted = 72,000 Dts/day (Nov - Mar) and 90,000 Dts/day (Apr - Oct)
4) 2 FT-6 Contracts Year Round Capacity (not sculpted)
   a) Contract No. 9000665 = 30,000 Dts/day
   b) Contract No. 9000666 = 50,000 Dts/day
5) 1 FT-6 Contract No. 9162020 Osprey PPA / AMA 68,000 Dts/day From: 10/01/2014 To: 12/31/2016

Bartow GNGS Phase IV

1) 80,000 Dts/day (Sep-Dec 2008) and 155,000 Dts/day (2009 and forward)
2) All Fixed Cost Daily Demand Rates = $.59/dt
3) Contract No. 9035943

Hines GNGS Phase V

1) 35,000 Dts/day (Apr 2011 and beyond)
2) All Fixed Cost Daily Demand Rates = $.80/dt

Bartow GNGS

1) MDTQ = 5,000 Dts/Day thru 12/31/2012, and 7,000 Dts/Day Eff. 01/01/2013
2) Fixed Cost = $0.7041/dt (Negotiated Daily Demand Rate)
3) Contract No. 9120402 R3

Bartow GNGS (see K# 9120402 R3)

1) 2,000 Dts/Day (August 1, 2012 for 1-Yr w/ Yr to Yr Evergreen)
2) Fixed Cost = $0.7041/dt (Negotiated Daily Demand Rate)
3) Contract No. 9126223 Terminated on December 31, 2012 and combined with 9120402R3
4) See Contract No. 9120402R3 above effective January 1, 2013.

Citrus Contract on FGT (Administered by Dominion Energy)

1) Bundled Service via FGT
2) Primary Delivery Pt: FGT @ PEF Hines Complex
3) Daily Demand Rates = FGT FTS-2 Max Rate $0.7185
4) Bundled Delivery Service (includes supply)
5) Contract MDQ = 12,000 Dts/day (Nov - Apr)
6) Contract MDQ = 21,000 Dts/day (May - Oct)
7) Contract Expires November 1, 2013
8) Citrus FTS-1 & FTS-2 Contracts were permanently released to DEF effective: November 1, 2013 (see below under FGT Existing FTS-1 and FTS-2 Contracts)
9) See Notes under "FGT Existing FTS-1 and FTS-2 Contracts" (below - Notes 7 & 8)

FGT Existing FTS-1 and FTS-2 Contracts (excludes FGT Phase VII see above)

1) FTS-1 Capacity at a Daily Demand Rate Max FTS-1 Rate = $0.4694/Dt Effective 04/01/2010 (Rate Settlement in Docket No. RP10-21)
2) FTS-2 Capacity at a Daily Demand Rate Max FTS-2 Rate = $0.7185/Dt Effective 10/01/2010 (Rate Settlement in Docket No. RP10-21)
   a) Subject to Rate Cap (includes base usage rate in cap calculation) including reservation/demand rate surcharges at Daily Demand Rate = $.80/dt
3) Rates stated above (1&2) were settled in FGT Rate Case FERC Docket No. RP10-21, 09/03/2010 Eff. 10/01/2010 Pending FERC approval
4) FGT has a mandatory comeback requirement to file an NGA Section 4 Rate Case with FERC
   a) File with FERC no earlier than January 1, 2013
   b) File with FERC no later than November 1, 2014
5) FTS-1 Capacity at a Daily Demand Rate Max FTS-1 Rate = $0.4694/Dt (No Rate Cap)
   a) Contract No. 5815
6) FTS-2 Capacity at a Daily Demand Rate Max FTS-2 Rate = $0.7185/Dt (Subject to Rate Cap)
   a) Contract No. 5816
   b) Contract No. 5295 (Tiger Bay)
   c) Contract No. 5935 (FGT Phase IV)
      i) Primary Delivery Pts: PEF@ Hines, PEF @ Anclote, & PEF @ Intercession City (via Cane Island Lateral)
      ii) Secondary / Alternate Delivery Pts: All PEF Plants on FGT
7) Citrus / Dominion (VPEM) Permanent Capacity Release FGT FTS-1 Contact Nos. 114929, 114930, 114931 & 114934
   a) Effective: November 1, 2013
   b) Primary Delivery Point: Hines Energy Complex
   c) Annual Average Aggregate MDTQ = 6,932 Dts/day
   d) Max FTS-1 Recourse Rate = $.4694/Dt
   e) Combined w/ Note 8c below MDTQ = 12,000 Dts/day (Nov-Apr) and 21,000 Dts/day (May-Sep)
   f) 10 Year Rollover Option
8) Citrus / Dominion (VPEM) Permanent Capacity Release FGT FTS-2 Contact Nos. 114932 & 114933
   a) Effective: November 1, 2013
   b) Primary Delivery Point: Hines Energy Complex
   c) Annual Average Aggregate MDTQ = 9,568 Dts/day
   d) Max FTS-2 Recourse Rate = $.7185/Dt (Subject to Settlement Rate Cap)
   e) Combined w/ Note 7c above MDTQ = 12,000 Dts/day (Nov-Apr) and 21,000 Dts/day (May-Sep)
   f) ROFR rights

SGR Storage & Bay Gas

1) SGR based on 500,000 Dts/Mo (Nov-May) and 700,000 Dts/Mo (Jun-Oct) capacity
2) Bay Gas based on 500,000 Dts/Mo
3) Monthly Demand Rates = $0.22/dt thru 04/30/2013, then $0.24/dt 05/01/2013 thru 4/30/2018
4) Bay Gas negotiations completed
5) SGR contract expires 5/31/2018 (No Rollover Provision)

SESH

1) Based on 100,000 Dts/Day thru May2009, then 150,000 Dts/Day thru May2010 and then 200,000 Dts/Day
2) Monthly Demand Rates = $.275/dt

FGT Phase VIII Expansion (FTS-3) Contract # 111144

1) Eff April 2011, FTS-3 FT Capacity = 75,000 Dts/day
2) Fixed Daily Demand Rate = $1.30/dt

FGT (FTS-3) Contract # 113000

1) Eff April 2013, FTS-3 FT Capacity = 30,000 Dts/day
2) Fixed Daily Demand Rate = $1.25/dt

Transco Mobile Bay South Expansions Contract Nos. 9097513 (Ph I), 9109950 (Ph II) and 9111070 (BP Ph II)

1) Phase I - Based on 153,500 Dts/Day from May 2010
2) Monthly Demand Rates = $0.09958/dt (Eff: 03/01/2013) Settlement Rates Certified by FERC Presiding ALJ on 09/30/2013 & Subject to Final FERC Approval
3) Phase II - additional 50,000 Dts/Day effective May 1, 2011, at the same rate
4) Capacity Release From BP - additional 53,500 DTs/day eff. 6/1/16, at the same rate

Cost Allocation

1) Consumption percentage based on October 2013 FOF & Fall 2012 GFF

PGS Lateral for Vandolah

1) Vandolah only of $41,750/month beginning June 2012, expires May 31, 2027

CONFIDENTIAL

DEF NATURAL GAS DISPATCH PRICES

Month	Year	Base HH Regular Supply Cost	Physical Basis FGT Z3	Base Cost Regular Supply Z3	Average MMBTU Variable Cost	Average Variable MMBTU Delivered Costs	Average MMBTU Fixed Costs	Average MMBtu Delivered Variable & Fixed Costs
Jan	2019	3.110	$ (0.046)	$ 3.064	$0.10	3.17	1.70	4.86
Feb	2019	2.690	$ (0.019)	$ 2.671	$0.09	2.76	1.70	4.46
Mar	2019	2.950	$ (0.003)	$ 2.947	$0.10	3.05	1.70	4.74
Apr	2019	2.650	$ (0.001)	$ 2.649	$0.09	2.74	1.70	4.44
May	2019	2.640	$ 0.005	$ 2.645	$0.09	2.74	1.70	4.43
Jun	2019	2.400	$ 0.037	$ 2.437	$0.09	2.52	1.70	4.22
Jul	2019	2.370	$ 0.048	$ 2.418	$0.09	2.50	1.70	4.20
Aug	2019	2.220	$ 0.056	$ 2.276	$0.08	2.36	1.70	4.06
Sep	2019	2.580	$ 0.016	$ 2.576	$0.09	2.67	1.43	4.10
Oct	2019	2.743	$ 0.010	$ 2.753	$0.09	2.85	1.43	4.28
Nov	2019	2.303	$ 0.012	$ 2.315	$0.08	2.40	1.43	3.83
Dec	2019	2.495	$ 0.023	$ 2.518	$0.09	2.61	1.43	4.04
Jan	2020	2.612	$ 0.035	$ 2.647	$0.07	2.71	1.44	4.15
Feb	2020	2.575	$ 0.024	$ 2.599	$0.07	2.67	1.44	4.10
Mar	2020	2.462	$ (0.020)	$ 2.442	$0.06	2.50	1.44	3.94
Apr	2020	2.247	$ (0.019)	$ 2.228	$0.06	2.29	1.44	3.72
May	2020	2.234	$ 0.005	$ 2.239	$0.06	2.30	1.44	3.73
Jun	2020	2.278	$ 0.026	$ 2.304	$0.06	2.36	1.44	3.80
Jul	2020	2.326	$ 0.048	$ 2.374	$0.06	2.43	1.44	3.87
Aug	2020	2.335	$ 0.055	$ 2.390	$0.06	2.45	1.44	3.89
Sep	2020	2.318	$ 0.012	$ 2.330	$0.06	2.39	1.44	3.83
Oct	2020	2.344	$ 0.016	$ 2.360	$0.06	2.42	1.44	3.86
Nov	2020	2.409	$ 0.025	$ 2.434	$0.06	2.50	1.44	3.93
Dec	2020	2.578	$ 0.034	$ 2.612	$0.07	2.68	1.44	4.12
Jan	2021	2.700	$ 0.038	$ 2.738	$0.07	2.81	1.41	4.22
Feb	2021	2.661	$ 0.033	$ 2.694	$0.07	2.76	1.41	4.17
Mar	2021	2.548	$ (0.015)	$ 2.533	$0.06	2.60	1.41	4.01
Apr	2021	2.284	$ (0.021)	$ 2.263	$0.06	2.32	1.41	3.73
May	2021	2.260	$ 0.005	$ 2.265	$0.06	2.32	1.41	3.73
Jun	2021	2.294	$ 0.025	$ 2.319	$0.06	2.38	1.41	3.79
Jul	2021	2.332	$ 0.047	$ 2.379	$0.06	2.44	1.41	3.85
Aug	2021	2.339	$ 0.058	$ 2.397	$0.06	2.46	1.41	3.87
Sep	2021	2.328	$ 0.011	$ 2.339	$0.06	2.40	1.41	3.81
Oct	2021	2.354	$ 0.018	$ 2.372	$0.06	2.43	1.41	3.84
Nov	2021	2.424	$ 0.027	$ 2.451	$0.06	2.51	1.41	3.92
Dec	2021	2.603	$ 0.038	$ 2.641	$0.07	2.71	1.41	4.12
Jan	2022	2.729	$ 0.041	$ 2.770	$0.07	2.84	1.40	4.24
Feb	2022	2.702	$ 0.036	$ 2.738	$0.07	2.81	1.40	4.21
Mar	2022	2.595	$ (0.013)	$ 2.582	$0.07	2.65	1.40	4.05
Apr	2022	2.340	$ (0.016)	$ 2.324	$0.06	2.38	1.40	3.78
May	2022	2.324	$ 0.007	$ 2.331	$0.06	2.39	1.40	3.79
Jun	2022	2.359	$ 0.034	$ 2.393	$0.06	2.45	1.40	3.85
Jul	2022	2.399	$ 0.059	$ 2.458	$0.06	2.52	1.40	3.92
Aug	2022	2.411	$ 0.066	$ 2.477	$0.06	2.54	1.40	3.94
Sep	2022	2.404	$ 0.021	$ 2.425	$0.06	2.49	1.40	3.89
Oct	2022	2.430	$ 0.024	$ 2.454	$0.06	2.52	1.40	3.92
Nov	2022	2.492	$ 0.034	$ 2.526	$0.06	2.59	1.40	3.99
Dec	2022	2.674	$ 0.044	$ 2.718	$0.07	2.79	1.40	4.19
Jan	2023	2.799	$ 0.052	$ 2.851	$0.07	2.92	1.41	4.34
Feb	2023	2.767	$ 0.047	$ 2.814	$0.07	2.89	1.46	4.35
Mar	2023	2.656	$ (0.003)	$ 2.653	$0.07	2.72	1.46	4.18
Apr	2023	2.401	$ (0.008)	$ 2.393	$0.06	2.45	1.46	3.92
May	2023	2.385	$ 0.016	$ 2.401	$0.06	2.46	1.46	3.93
Jun	2023	2.426	$ 0.042	$ 2.468	$0.06	2.53	1.46	3.99
Jul	2023	2.466	$ 0.068	$ 2.534	$0.06	2.60	1.46	4.06
Aug	2023	2.481	$ 0.076	$ 2.557	$0.07	2.62	1.46	4.09
Sep	2023	2.476	$ 0.029	$ 2.505	$0.06	2.57	1.46	4.03
Oct	2023	2.505	$ 0.030	$ 2.535	$0.06	2.60	1.46	4.06
Nov	2023	2.580	$ 0.037	$ 2.617	$0.07	2.68	1.46	4.15
Dec	2023	2.760	$ 0.053	$ 2.813	$0.07	2.88	1.46	4.35
Jan	2024	2.931	$ 0.058	$ 2.941	$0.07	3.02	1.37	4.38
Feb	2024	2.854	$ 0.050	$ 2.903	$0.07	2.98	1.37	4.34
Mar	2024	2.742	$ (0.002)	$ 2.740	$0.07	2.81	1.37	4.18
Apr	2024	2.511	$ (0.007)	$ 2.503	$0.06	2.57	1.37	3.93
May	2024	2.501	$ 0.017	$ 2.519	$0.06	2.58	1.37	3.95
Jun	2024	2.537	$ 0.046	$ 2.583	$0.07	2.65	1.37	4.01
Jul	2024	2.579	$ 0.077	$ 2.656	$0.07	2.72	1.37	4.09
Aug	2024	2.594	$ 0.077	$ 2.671	$0.07	2.74	1.37	4.10
Sep	2024	2.590	$ 0.047	$ 2.636	$0.07	2.70	1.37	4.07
Oct	2024	2.611	$ 0.040	$ 2.651	$0.07	2.72	1.37	4.08
Nov	2024	2.687	$ 0.044	$ 2.731	$0.07	2.80	1.37	4.17
Dec	2024	2.860	$ 0.056	$ 2.916	$0.07	2.99	1.37	4.36
Jan	2025	2.961	$ 0.061	$ 3.022	$0.08	3.10	1.44	4.54
Feb	2025	2.947	$ 0.055	$ 3.003	$0.08	3.08	1.44	4.52
Mar	2025	2.884	$ (0.001)	$ 2.883	$0.07	2.94	1.44	4.38
Apr	2025	2.688	$ (0.011)	$ 2.677	$0.07	2.75	1.44	4.19
May	2025	2.693	$ 0.016	$ 2.707	$0.07	2.78	1.44	4.22
Jun	2025	2.727	$ 0.054	$ 2.781	$0.07	2.85	1.44	4.29
Jul	2025	2.807	$ 0.078	$ 2.886	$0.07	2.96	1.44	4.40
Aug	2025	2.833	$ 0.078	$ 2.908	$0.07	2.98	1.44	4.42
Sep	2025	2.739	$ 0.045	$ 2.784	$0.07	2.85	1.44	4.30
Oct	2025	2.754	$ 0.035	$ 2.789	$0.07	2.86	1.44	4.30
Nov	2025	2.829	$ 0.036	$ 2.865	$0.07	2.94	1.44	4.38
Dec	2025	2.987	$ 0.051	$ 3.038	$0.08	3.12	1.44	4.56
Jan	2026	3.084	$ 0.057	$ 3.140	$0.08	3.22	1.44	4.66
Feb	2026	3.076	$ 0.053	$ 3.129	$0.08	3.21	1.44	4.65
Mar	2026	2.994	$ (0.003)	$ 2.991	$0.08	3.07	1.44	4.51
Apr	2026	2.857	$ (0.001)	$ 2.856	$0.07	2.93	1.44	4.37
May	2026	2.868	$ 0.022	$ 2.890	$0.07	2.96	1.44	4.41
Jun	2026	2.914	$ 0.053	$ 2.967	$0.08	3.04	1.44	4.48
Jul	2026	3.053	$ 0.077	$ 3.130	$0.08	3.21	1.44	4.65
Aug	2026	3.085	$ 0.078	$ 3.163	$0.08	3.24	1.44	4.69
Sep	2026	3.022	$ 0.041	$ 3.063	$0.08	3.14	1.44	4.58
Oct	2026	3.013	$ 0.034	$ 3.047	$0.08	3.12	1.44	4.57
Nov	2026	3.078	$ 0.042	$ 3.120	$0.08	3.20	1.44	4.64
Dec	2026	3.243	$ 0.054	$ 3.297	$0.08	3.38	1.44	4.82
Jan	2027	3.321	$ 0.062	$ 3.383	$0.09	3.47	1.45	4.92
Feb	2027	3.333	$ 0.057	$ 3.390	$0.09	3.48	1.45	4.92
Mar	2027	3.278	$ (0.002)	$ 3.276	$0.08	3.36	1.45	4.81
Apr	2027	3.125	$ (0.002)	$ 3.123	$0.08	3.20	1.45	4.65
May	2027	3.145	$ 0.021	$ 3.166	$0.08	3.25	1.45	4.70
Jun	2027	3.207	$ 0.051	$ 3.258	$0.08	3.34	1.45	4.79
Jul	2027	3.410	$ 0.079	$ 3.489	$0.09	3.58	1.45	5.03
Aug	2027	3.447	$ 0.082	$ 3.529	$0.09	3.62	1.45	5.07
Sep	2027	3.434	$ 0.043	$ 3.477	$0.09	3.57	1.45	5.01
Oct	2027	3.325	$ 0.038	$ 3.364	$0.09	3.45	1.45	4.90
Nov	2027	3.392	$ 0.043	$ 3.435	$0.09	3.52	1.45	4.97
Dec	2027	3.566	$ 0.054	$ 3.622	$0.09	3.71	1.45	5.16
Jan	2028	3.556	$ 0.063	$ 3.618	$0.09	3.71	1.45	5.16
Feb	2028	3.576	$ 0.047	$ 3.623	$0.09	3.72	1.45	5.17
Mar	2028	3.501	$ (0.002)	$ 3.498	$0.09	3.59	1.45	5.04
Apr	2028	3.454	$ (0.006)	$ 3.448	$0.09	3.54	1.45	4.99
May	2028	3.483	$ 0.024	$ 3.506	$0.09	3.60	1.45	5.05
Jun	2028	3.644	$ 0.059	$ 3.703	$0.09	3.80	1.45	5.25
Jul	2028	3.656	$ 0.091	$ 3.747	$0.10	3.84	1.45	5.30
Aug	2028	3.698	$ 0.089	$ 3.788	$0.10	3.88	1.45	5.34
Sep	2028	3.748	$ 0.048	$ 3.795	$0.10	3.89	1.45	5.35
Oct	2028	3.729	$ 0.044	$ 3.772	$0.10	3.87	1.45	5.32
Nov	2028	3.780	$ 0.046	$ 3.826	$0.10	3.92	1.45	5.38
Dec	2028	4.008	$ 0.054	$ 4.062	$0.10	4.17	1.45	5.62
Jan	2029	4.026	$ 0.075	$ 4.102	$0.10	4.21	1.46	5.67
Feb	2029	4.051	$ 0.068	$ 4.120	$0.10	4.22	1.46	5.69
Mar	2029	3.865	$ 0.007	$ 3.873	$0.10	3.97	1.46	5.44
Apr	2029	3.878	$ 0.002	$ 3.880	$0.10	3.98	1.46	5.44
May	2029	3.934	$ 0.027	$ 3.961	$0.10	4.06	1.46	5.53
Jun	2029	4.041	$ 0.062	$ 4.102	$0.10	4.21	1.46	5.67
Jul	2029	3.995	$ 0.091	$ 3.896	$0.10	4.00	1.46	5.46
Aug	2029	3.833	$ 0.098	$ 3.931	$0.10	4.03	1.46	5.50
Sep	2029	3.935	$ 0.053	$ 3.988	$0.10	4.09	1.46	5.55
Oct	2029	3.936	$ 0.040	$ 3.967	$0.10	4.07	1.46	5.53
Nov	2029	3.843	$ 0.063	$ 3.906	$0.10	4.01	1.46	5.47
Dec	2029	4.020	$ 0.062	$ 4.083	$0.10	4.19	1.46	5.65
Jan	2030	4.004	$ 0.075	$ 4.079	$0.10	4.18	1.46	5.64
Feb	2030	4.029	$ 0.069	$ 4.098	$0.10	4.20	1.46	5.66
Mar	2030	3.934	$ 0.004	$ 3.937	$0.10	4.04	1.46	5.49
Apr	2030	3.906	$ (0.008)	$ 3.898	$0.10	4.00	1.46	5.45
May	2030	3.929	$ 0.029	$ 3.959	$0.10	4.06	1.46	5.52
Jun	2030	3.994	$ 0.069	$ 4.062	$0.10	4.17	1.46	5.62
Jul	2030	4.277	$ 0.104	$ 4.380	$0.11	4.49	1.46	5.95
Aug	2030	4.308	$ 0.113	$ 4.421	$0.11	4.53	1.46	5.99
Sep	2030	4.245	$ 0.056	$ 4.301	$0.11	4.41	1.46	5.87
Oct	2030	4.053	$ 0.053	$ 4.106	$0.10	4.21	1.46	5.67
Nov	2030	3.979	$ 0.056	$ 4.035	$0.10	4.14	1.46	5.59
Dec	2030	4.172	$ 0.064	$ 4.237	$0.11	4.34	1.46	5.80
Jan	2031	4.225	$ 0.098	$ 4.322	$0.11	4.43	1.49	5.92
Feb	2031	4.251	$ 0.092	$ 4.344	$0.11	4.45	1.49	5.94
Mar	2031	4.167	$ 0.019	$ 4.187	$0.11	4.29	1.49	5.78
Apr	2031	4.132	$ 0.000	$ 4.132	$0.11	4.24	1.49	5.72
May	2031	4.158	$ 0.055	$ 4.213	$0.11	4.32	1.49	5.81
Jun	2031	4.214	$ 0.082	$ 4.296	$0.11	4.41	1.49	5.89
Jul	2031	4.499	$ 0.116	$ 4.615	$0.12	4.73	1.49	6.22
Aug	2031	4.544	$ 0.139	$ 4.683	$0.12	4.80	1.49	6.29
Sep	2031	4.460	$ 0.086	$ 4.546	$0.12	4.66	1.49	6.15
Oct	2031	4.321	$ 0.082	$ 4.403	$0.11	4.51	1.49	6.00
Nov	2031	4.391	$ 0.056	$ 4.447	$0.11	4.56	1.49	6.05
Dec	2031	4.533	$ 0.082	$ 4.615	$0.12	4.73	1.49	6.22
Jan	2032	4.448	$ 0.106	$ 4.554	$0.12	4.67	1.49	6.16
Feb	2032	4.473	$ 0.077	$ 4.549	$0.12	4.66	1.49	6.15
Mar	2032	4.455	$ 0.050	$ 4.504	$0.11	4.62	1.49	6.10
Apr	2032	4.318	$ 0.026	$ 4.344	$0.11	4.45	1.49	5.94
May	2032	4.347	$ 0.069	$ 4.411	$0.11	4.52	1.49	6.01
Jun	2032	4.369	$ 0.095	$ 4.464	$0.11	4.58	1.49	6.06
Jul	2032	4.491	$ 0.136	$ 4.628	$0.12	4.75	1.49	6.23
Aug	2032	4.530	$ 0.159	$ 4.689	$0.12	4.81	1.49	6.29
Sep	2032	4.464	$ 0.091	$ 4.555	$0.12	4.67	1.49	6.16
Oct	2032	4.435	$ 0.088	$ 4.524	$0.12	4.64	1.49	6.12
Nov	2032	4.539	$ 0.053	$ 4.592	$0.12	4.71	1.49	6.19
Dec	2032	4.550	$ 0.072	$ 4.622	$0.12	4.74	1.49	6.22
Jan	2033	4.332	$ 0.093	$ 4.424	$0.11	4.54	1.48	6.02
Feb	2033	4.361	$ 0.091	$ 4.452	$0.11	4.57	1.48	6.05
Mar	2033	4.319	$ 0.022	$ 4.340	$0.11	4.45	1.48	5.93
Apr	2033	4.317	$ 0.016	$ 4.333	$0.11	4.44	1.48	5.92
May	2033	4.345	$ 0.032	$ 4.377	$0.11	4.49	1.48	5.97
Jun	2033	4.376	$ 0.080	$ 4.456	$0.11	4.57	1.48	6.05
Jul	2033	4.510	$ 0.119	$ 4.629	$0.12	4.75	1.48	6.23
Aug	2033	4.549	$ 0.127	$ 4.677	$0.12	4.80	1.48	6.28
Sep	2033	4.490	$ 0.068	$ 4.558	$0.12	4.67	1.48	6.15
Oct	2033	4.448	$ 0.053	$ 4.501	$0.11	4.62	1.48	6.10
Nov	2033	4.579	$ 0.033	$ 4.612	$0.12	4.73	1.48	6.21
Dec	2033	4.749	$ 0.047	$ 4.797	$0.12	4.91	1.48	6.39
Jan	2034	4.726	$ 0.080	$ 4.806	$0.12	4.93	1.45	6.38
Feb	2034	4.590	$ 0.056	$ 4.645	$0.12	4.76	1.45	6.22
Mar	2034	4.447	$ (0.008)	$ 4.450	$0.11	4.56	1.45	6.02
Apr	2034	4.404	$ 0.009	$ 4.413	$0.11	4.53	1.45	5.98
May	2034	4.433	$ 0.039	$ 4.472	$0.11	4.59	1.45	6.04
Jun	2034	4.497	$ 0.084	$ 4.546	$0.12	4.66	1.45	6.11
Jul	2034	4.676	$ 0.125	$ 4.801	$0.12	4.92	1.45	6.38
Aug	2034	4.712	$ 0.144	$ 4.856	$0.12	4.98	1.45	6.43
Sep	2034	4.623	$ 0.074	$ 4.697	$0.12	4.82	1.45	6.27
Oct	2034	4.509	$ 0.049	$ 4.558	$0.12	4.67	1.45	6.13
Nov	2034	4.704	$ 0.034	$ 4.738	$0.12	4.86	1.45	6.31
Dec	2034	4.869	$ 0.055	$ 4.924	$0.13	5.05	1.45	6.50
Jan	2035	4.897	$ 0.086	$ 4.983	$0.13	5.11	1.43	6.54
Feb	2035	4.922	$ 0.065	$ 4.987	$0.13	5.11	1.43	6.55
Mar	2035	4.772	$ 0.018	$ 4.791	$0.12	4.91	1.43	6.35
Apr	2035	4.557	$ 0.023	$ 4.580	$0.12	4.70	1.43	6.13
May	2035	4.585	$ 0.046	$ 4.632	$0.12	4.75	1.43	6.18
Jun	2035	4.615	$ 0.091	$ 4.706	$0.12	4.83	1.43	6.26
Jul	2035	4.853	$ 0.130	$ 4.983	$0.13	5.11	1.43	6.54
Aug	2035	4.884	$ 0.147	$ 5.031	$0.13	5.16	1.43	6.59
Sep	2035	4.802	$ 0.075	$ 4.877	$0.12	5.00	1.43	6.44
Oct	2035	4.676	$ 0.048	$ 4.727	$0.12	4.85	1.43	6.28
Nov	2035	4.719	$ 0.033	$ 4.752	$0.12	4.87	1.43	6.31
Dec	2035	4.850	$ 0.058	$ 4.908	$0.12	5.03	1.43	6.47
Jan	2036	4.798	$ 0.093	$ 4.891	$0.12	5.02	1.44	6.45
Feb	2036	4.819	$ 0.034	$ 4.853	$0.12	4.98	1.44	6.41
Mar	2036	4.738	$ 0.020	$ 4.758	$0.12	4.88	1.44	6.31
Apr	2036	4.553	$ 0.023	$ 4.575	$0.12	4.69	1.44	6.13
May	2036	4.581	$ 0.049	$ 4.631	$0.12	4.75	1.44	6.18
Jun	2036	4.615	$ 0.096	$ 4.711	$0.12	4.83	1.44	6.27
Jul	2036	4.751	$ 0.135	$ 4.886	$0.12	5.01	1.44	6.45
Aug	2036	4.785	$ 0.150	$ 4.935	$0.13	5.06	1.44	6.50
Sep	2036	4.762	$ 0.089	$ 4.851	$0.12	4.97	1.44	6.41
Oct	2036	4.730	$ 0.076	$ 4.806	$0.12	4.93	1.44	6.36
Nov	2036	4.794	$ 0.051	$ 4.845	$0.12	4.97	1.44	6.40
Dec	2036	5.013	$ 0.064	$ 5.077	$0.13	5.21	1.44	6.64
Jan	2037	5.030	$ 0.105	$ 5.135	$0.13	5.27	1.43	6.70
Feb	2037	5.061	$ 0.081	$ 5.143	$0.13	5.27	1.43	6.71
Mar	2037	4.986	$ 0.024	$ 5.011	$0.13	5.14	1.43	6.57
Apr	2037	4.842	$ 0.021	$ 4.863	$0.12	4.99	1.43	6.42
May	2037	4.872	$ 0.055	$ 4.927	$0.13	5.05	1.43	6.48
Jun	2037	4.921	$ 0.111	$ 5.032	$0.13	5.16	1.43	6.59
Jul	2037	5.132	$ 0.147	$ 5.279	$0.13	5.41	1.43	6.85
Aug	2037	5.166	$ 0.147	$ 5.312	$0.14	5.45	1.43	6.88
Sep	2037	5.095	$ 0.096	$ 5.190	$0.13	5.32	1.43	6.75
Oct	2037	5.039	$ 0.074	$ 5.113	$0.13	5.24	1.43	6.68
Nov	2037	5.101	$ 0.052	$ 5.155	$0.13	5.29	1.43	6.72
Dec	2037	5.316	$ 0.078	$ 5.394	$0.14	5.53	1.43	6.96
Jan	2038	5.338	$ 0.111	$ 5.449	$0.14	5.59	1.42	7.01
Feb	2038	5.371	$ 0.088	$ 5.459	$0.14	5.60	1.42	7.02
Mar	2038	5.288	$ 0.026	$ 5.314	$0.14	5.45	1.42	6.87
Apr	2038	5.108	$ 0.044	$ 5.152	$0.13	5.28	1.42	6.70
May	2038	5.139	$ 0.060	$ 5.199	$0.13	5.33	1.42	6.75
Jun	2038	5.176	$ 0.118	$ 5.294	$0.13	5.43	1.42	6.85
Jul	2038	5.323	$ 0.152	$ 5.475	$0.14	5.61	1.42	7.03
Aug	2038	5.361	$ 0.145	$ 5.506	$0.14	5.65	1.42	7.07
Sep	2038	5.240	$ 0.104	$ 5.344	$0.14	5.48	1.42	6.90
Oct	2038	5.187	$ 0.064	$ 5.251	$0.13	5.38	1.42	6.80
Nov	2038	5.273	$ 0.073	$ 5.347	$0.14	5.48	1.42	6.90
Dec	2038	5.462	$ 0.100	$ 5.562	$0.14	5.70	1.42	7.12
Jan	2039	5.479	$ 0.119	$ 5.598	$0.14	5.74		5.74
Feb	2039	5.513	$ 0.101	$ 5.614	$0.14	5.76		5.76
Mar	2039	5.381	$ 0.032	$ 5.413	$0.14	5.55		5.55
Apr	2039	5.036	$ 0.041	$ 5.077	$0.13	5.21		5.21
May	2039	5.065	$ 0.052	$ 5.117	$0.13	5.25		5.25
Jun	2039	5.097	$ 0.115	$ 5.212	$0.13	5.34		5.34
Jul	2039	5.149	$ 0.129	$ 5.277	$0.13	5.41		5.41
Aug	2039	5.594	$ 0.145	$ 5.740	$0.15	5.89		5.89
Sep	2039	5.570	$ 0.088	$ 5.658	$0.14	5.80		5.80
Oct	2039	5.363	$ 0.081	$ 5.444	$0.14	5.58		5.58
Nov	2039	5.424	$ 0.063	$ 5.487	$0.14	5.63		5.63
Dec	2039	5.490	$ 0.087	$ 5.577	$0.14	5.82		5.82
Jan	2040	5.550	$ 0.098	$ 5.648	$0.14	5.79		5.79
Feb	2040	5.579	$ 0.061	$ 5.640	$0.14	5.78		5.78
Mar	2040	5.488	$ 0.033	$ 5.521	$0.14	5.66		5.66
Apr	2040	5.306	$ 0.013	$ 5.320	$0.14	5.46		5.46
May	2040	5.337	$ 0.058	$ 5.395	$0.14	5.53		5.53
Jun	2040	5.363	$ 0.108	$ 5.490	$0.14	5.63		5.63
Jul	2040	5.580	$ 0.144	$ 5.724	$0.15	5.87		5.87
Aug	2040	5.614	$ 0.155	$ 5.768	$0.15	5.91		5.91
Sep	2040	5.477	$ 0.098	$ 5.701	$0.14	5.85		5.85
Oct	2040	5.477	$ 0.086	$ 5.563	$0.14	5.70		5.70
Nov	2040	5.535	$ 0.069	$ 5.604	$0.14	5.75		5.75
Dec	2040	5.722	$ 0.111	$ 5.833	$0.15	5.98		5.98
Jan	2041	5.766	$ 0.113	$ 5.879	$0.15	6.03		6.03
Feb	2041	5.788	$ 0.083	$ 5.871	$0.15	6.02		6.02
Mar	2041	5.665	$ 0.037	$ 5.702	$0.15	5.85		5.85
Apr	2041	5.459	$ 0.046	$ 5.506	$0.14	5.65		5.65
May	2041	5.492	$ 0.061	$ 5.553	$0.14	5.69		5.69
Jun	2041	5.551	$ 0.124	$ 5.674	$0.14	5.82		5.82
Jul	2041	5.794	$ 0.166	$ 5.961	$0.15	6.11		6.11
Aug	2041	5.829	$ 0.158	$ 5.987	$0.15	6.14		6.14
Sep	2041	5.831	$ 0.116	$ 5.947	$0.15	6.10		6.10
Oct	2041	5.639	$ 0.061	$ 5.700	$0.14	5.84		5.84
Nov	2041	5.743	$ 0.077	$ 5.820	$0.15	5.97		5.97
Dec	2041	5.905	$ 0.127	$ 6.033	$0.15	6.19		6.19
Jan	2042	5.960	$ 0.120	$ 6.010	$0.15	6.16		6.16
Feb	2042	5.914	$ 0.089	$ 6.003	$0.15	6.16		6.16
Mar	2042	5.789	$ 0.033	$ 5.822	$0.15	5.97		5.97
Apr	2042	5.677	$ 0.045	$ 5.672	$0.14	5.82		5.82
May	2042	5.662	$ 0.063	$ 5.725	$0.15	5.87		5.87
Jun	2042	5.717	$ 0.134	$ 5.851	$0.15

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year	Date	HENRY HUB DATA Henry Hub	NYMEX	Blend NYMEX/ Fundamental (%)	Blend NYMEX/ Fundamental ($)
2019	1/1/2019	$3.07	$3.11	100%	3.11
2019	2/1/2019	$2.68	$2.69	100%	2.69
2019	3/1/2019	$2.90	$2.95	100%	2.95
2019	4/1/2019	$2.59	$2.65	100%	2.65
2019	5/1/2019	$2.59	$2.64	100%	2.64
2019	6/1/2019	$2.57	$2.40	100%	2.40
2019	7/1/2019	$2.64	$2.37	100%	2.37
2019	8/1/2019	$2.06	$2.22	100%	2.22
2019	9/1/2019	$2.11	$2.56	100%	2.56
2019	10/1/2019	$2.04	$2.74	100%	2.74
2019	11/1/2019	$2.05	$2.30	100%	2.30
2019	12/1/2019	$2.15	$2.50	100%	2.50
2020	1/1/2020	$1.96	$2.61	100%	2.61
2020	2/1/2020	$1.97	$2.58	100%	2.58
2020	3/1/2020	$1.89	$2.46	100%	2.46
2020	4/1/2020	$1.73	$2.25	100%	2.25
2020	5/1/2020	$1.54	$2.23	100%	2.23
2020	6/1/2020	$1.56	$2.28	100%	2.28
2020	7/1/2020	$1.65	$2.33	100%	2.33
2020	8/1/2020	$1.63	$2.34	100%	2.34
2020	9/1/2020	$1.57	$2.32	100%	2.32
2020	10/1/2020	$1.99	$2.34	100%	2.34
2020	11/1/2020	$1.99	$2.41	100%	2.41
2020	12/1/2020	$2.04	$2.58	100%	2.58
2021	1/1/2021	$2.04	$2.70	100%	2.70
2021	2/1/2021	$2.08	$2.66	100%	2.66
2021	3/1/2021	$2.05	$2.55	100%	2.55
2021	4/1/2021	$1.95	$2.28	100%	2.28
2021	5/1/2021	$1.99	$2.26	100%	2.26
2021	6/1/2021	$2.02	$2.29	100%	2.29
2021	7/1/2021	$2.04	$2.33	100%	2.33
2021	8/1/2021	$2.07	$2.34	100%	2.34
2021	9/1/2021	$2.11	$2.33	100%	2.33
2021	10/1/2021	$2.11	$2.35	100%	2.35
2021	11/1/2021	$2.16	$2.42	100%	2.42
2021	12/1/2021	$2.26	$2.60	100%	2.60
2022	1/1/2022	$2.23	$2.73	100%	2.73
2022	2/1/2022	$2.24	$2.70	100%	2.70
2022	3/1/2022	$2.25	$2.60	100%	2.60
2022	4/1/2022	$2.27	$2.34	100%	2.34
2022	5/1/2022	$2.26	$2.32	100%	2.32
2022	6/1/2022	$2.30	$2.36	100%	2.36
2022	7/1/2022	$2.36	$2.40	100%	2.40
2022	8/1/2022	$2.39	$2.41	100%	2.41
2022	9/1/2022	$2.38	$2.40	100%	2.40
2022	10/1/2022	$2.36	$2.43	100%	2.43
2022	11/1/2022	$2.45	$2.49	100%	2.49
2022	12/1/2022	$2.53	$2.67	100%	2.67
2023	1/1/2023	$2.51	$2.80	100%	2.80
2023	2/1/2023	$2.52	$2.77	100%	2.77
2023	3/1/2023	$2.47	$2.66	100%	2.66
2023	4/1/2023	$2.44	$2.40	100%	2.40
2023	5/1/2023	$2.45	$2.39	100%	2.39
2023	6/1/2023	$2.48	$2.43	100%	2.43
2023	7/1/2023	$2.51	$2.47	100%	2.47
2023	8/1/2023	$2.56	$2.48	100%	2.48
2023	9/1/2023	$2.56	$2.48	100%	2.48
2023	10/1/2023	$2.54	$2.51	100%	2.51
2023	11/1/2023	$2.60	$2.58	100%	2.58
2023	12/1/2023	$2.74	$2.76	100%	2.76
2024	1/1/2024	$2.74	$2.89	98%	2.88
2024	2/1/2024	$2.76	$2.86	97%	2.85
2024	3/1/2024	$2.75	$2.74	95%	2.74
2024	4/1/2024	$2.73	$2.50	93%	2.51
2024	5/1/2024	$2.75	$2.48	92%	2.50
2024	6/1/2024	$2.80	$2.51	90%	2.54
2024	7/1/2024	$2.85	$2.54	88%	2.58
2024	8/1/2024	$2.92	$2.54	87%	2.59
2024	9/1/2024	$2.85	$2.54	85%	2.59
2024	10/1/2024	$2.87	$2.56	83%	2.61
2024	11/1/2024	$2.99	$2.62	82%	2.69
2024	12/1/2024	$3.10	$2.89	80%	2.86
2025	1/1/2025	$3.09	$2.93	78%	2.96
2025	2/1/2025	$3.11	$2.90	77%	2.95
2025	3/1/2025	$3.05	$2.80	75%	2.86
2025	4/1/2025	$3.01	$2.57	73%	2.69
2025	5/1/2025	$3.02	$2.56	72%	2.69
2025	6/1/2025	$3.05	$2.59	70%	2.73
2025	7/1/2025	$3.23	$2.62	68%	2.81
2025	8/1/2025	$3.23	$2.63	67%	2.83
2025	9/1/2025	$2.96	$2.62	65%	2.74
2025	10/1/2025	$2.94	$2.65	63%	2.75
2025	11/1/2025	$3.01	$2.71	62%	2.83
2025	12/1/2025	$3.16	$2.87	60%	2.99
2026	1/1/2026	$3.21	$2.99	58%	3.08
2026	2/1/2026	$3.23	$2.96	57%	3.08
2026	3/1/2026	$3.15	$2.86	55%	2.99
2026	4/1/2026	$3.10	$2.64	53%	2.86
2026	5/1/2026	$3.11	$2.63	52%	2.87
2026	6/1/2026	$3.16	$2.66	50%	2.91
2026	7/1/2026	$3.32	$2.79	48%	3.05
2026	8/1/2026	$3.40	$2.71	47%	3.09
2026	9/1/2026	$3.26	$2.71	45%	3.02
2026	10/1/2026	$3.23	$2.73	43%	3.01
2026	11/1/2026	$3.26	$2.79	42%	3.08
2026	12/1/2026	$3.43	$2.97	40%	3.24
2027	1/1/2027	$3.46	$3.09	38%	3.32
2027	2/1/2027	$3.45	$3.07	37%	3.33
2027	3/1/2027	$3.43	$2.99	35%	3.28
2027	4/1/2027	$3.31	$2.76	33%	3.13
2027	5/1/2027	$3.33	$2.75	32%	3.15
2027	6/1/2027	$3.36	$2.78	30%	3.21
2027	7/1/2027	$3.65	$2.81	28%	3.41
2027	8/1/2027	$3.67	$2.83	27%	3.45
2027	9/1/2027	$3.64	$2.83	25%	3.43
2027	10/1/2027	$3.47	$2.86	23%	3.33
2027	11/1/2027	$3.52	$2.92	22%	3.39
2027	12/1/2027	$3.69	$3.08	20%	3.57
2028	1/1/2028	$3.64	$3.20	18%	3.56
2028	2/1/2028	$3.66	$3.16	17%	3.58
2028	3/1/2028	$3.57	$3.10	15%	3.50
2028	4/1/2028	$3.55	$2.84	13%	3.45
2028	5/1/2028	$3.57	$2.82	12%	3.48
2028	6/1/2028	$3.73	$2.85	10%	3.64
2028	7/1/2028	$3.73	$2.89	8%	3.66
2028	8/1/2028	$3.75	$2.93	7%	3.70
2028	9/1/2028	$3.76	$2.94	5%	3.75
2028	10/1/2028	$3.75	$2.98	3%	3.73
2028	11/1/2028	$3.76	$3.05	2%	3.78
2028	12/1/2028	$4.01	$3.20	0%	4.01
2029	1/1/2029	$4.03	$3.33	0%	4.03
2029	2/1/2029	$4.05	$3.29	0%	4.05
2029	3/1/2029	$3.87	$3.23	0%	3.87
2029	4/1/2029	$3.86	$2.93	0%	3.88
2029	5/1/2029	$3.93	$2.91	0%	3.93
2029	6/1/2029	$4.04	$2.94	0%	4.04
2029	7/1/2029	$3.81	$2.98	0%	3.81
2029	8/1/2029	$3.83	$3.02	0%	3.83
2029	9/1/2029	$3.94	$3.04	0%	3.94
2029	10/1/2029	$3.93	$3.08	0%	3.93
2029	11/1/2029	$3.84	$3.16	0%	3.84
2029	12/1/2029	$4.02	$3.31	0%	4.02
2030	1/1/2030	$4.00	$3.44	0%	4.00
2030	2/1/2030	$4.02	$3.41	0%	4.03
2030	3/1/2030	$3.93	$3.34	0%	3.93
2030	4/1/2030	$3.91	$3.04	0%	3.91
2030	5/1/2030	$3.93	$3.01	0%	3.93
2030	6/1/2030	$3.99	$3.05	0%	3.99
2030	7/1/2030	$4.28	$3.09	0%	4.28
2030	8/1/2030	$4.31	$3.13	0%	4.31
2030	9/1/2030	$4.24	$3.14	0%	4.24
2030	10/1/2030	$4.05	$3.19	0%	4.05
2030	11/1/2030	$3.98	$3.26	0%	3.98
2030	12/1/2030	$4.17	$3.42	0%	4.17
2031	1/1/2031	$4.22	$3.55	0%	4.22
2031	2/1/2031	$4.25	$3.51	0%	4.25
2031	3/1/2031	$4.17	$3.45	0%	4.17
2031	4/1/2031	$4.12	$3.15	0%	4.13
2031	5/1/2031	$4.16	$3.12	0%	4.16
2031	6/1/2031	$4.21	$3.16	0%	4.21
2031	7/1/2031	$4.50	$3.20	0%	4.50
2031	8/1/2031	$4.54	$3.24	0%	4.54
2031	9/1/2031	$4.46	$3.25	0%	4.46
2031	10/1/2031	$4.32	$3.30	0%	4.32
2031	11/1/2031	$4.38	$3.37	0%	4.38
2031	12/1/2031	$4.53	$3.53	0%	4.53
2032	1/1/2032	$4.45	$3.68	0%	4.45
2032	2/1/2032	$4.47	$3.62	0%	4.47
2032	3/1/2032	$4.45	$3.56	0%	4.45
2032	4/1/2032	$4.32	$3.25	0%	4.32
2032	5/1/2032	$4.34	$3.22	0%	4.34
2032	6/1/2032	$4.37	$3.26	0%	4.37
2032	7/1/2032	$4.49	$3.30	0%	4.49
2032	8/1/2032	$4.53	$3.34	0%	4.53
2032	9/1/2032	$4.46	$3.36	0%	4.46
2032	10/1/2032	$4.44	$3.40	0%	4.44
2032	11/1/2032	$4.54	$3.48	0%	4.54
2032	12/1/2032	$4.55	$3.64	0%	4.55
2033	1/1/2033	$4.32	$3.82	0%	4.33
2033	2/1/2033	$4.36	$3.78	0%	4.36
2033	3/1/2033	$4.32	$3.71	0%	4.32
2033	4/1/2033	$4.32	$3.39	0%	4.32
2033	5/1/2033	$4.36	$3.36	0%	4.35
2033	6/1/2033	$4.36	$3.40	0%	4.38
2033	7/1/2033	$4.51	$3.44	0%	4.51
2033	8/1/2033	$4.50	$3.49	0%	4.55
2033	9/1/2033	$4.49	$3.50	0%	4.49
2033	10/1/2033	$4.46	$3.55	0%	4.45
2033	11/1/2033	$4.58	$3.63	0%	4.58
2033	12/1/2033	$4.76	$3.80	0%	4.74
2034	1/1/2034	$4.75	$4.06	0%	4.73
2034	2/1/2034	$4.59	$4.02	0%	4.59
2034	3/1/2034	$4.46	$3.94	0%	4.46
2034	4/1/2034	$4.40	$3.60	0%	4.40
2034	5/1/2034	$4.43	$3.57	0%	4.43
2034	6/1/2034	$4.46	$3.61	0%	4.46
2034	7/1/2034	$4.68	$3.66	0%	4.68
2034	8/1/2034	$4.71	$3.71	0%	4.71
2034	9/1/2034	$4.62	$3.72	0%	4.62
2034	10/1/2034	$4.51	$3.78	0%	4.51
2034	11/1/2034	$4.70	$3.86	0%	4.70
2034	12/1/2034	$4.87	$4.03	0%	4.87
2035	1/1/2035	$4.90	$4.35	0%	4.90
2035	2/1/2035	$4.92	$4.31	0%	4.92
2035	3/1/2035	$4.77	$4.23	0%	4.77
2035	4/1/2035	$4.56	$3.86	0%	4.56
2035	5/1/2035	$4.59	$3.83	0%	4.59
2035	6/1/2035	$4.61	$3.87	0%	4.61
2035	7/1/2035	$4.85	$3.92	0%	4.85
2035	8/1/2035	$4.88	$3.97	0%	4.88
2035	9/1/2035	$4.80	$3.99	0%	4.80
2035	10/1/2035	$4.68	$4.05	0%	4.68
2035	11/1/2035	$4.72	$4.13	0%	4.72
2035	12/1/2035	$4.85	$4.33	0%	4.85
2036	1/1/2036	$4.80	$4.70	0%	4.80
2036	2/1/2036	$4.82	$4.66	0%	4.82
2036	3/1/2036	$4.74	$4.57	0%	4.74
2036	4/1/2036	$4.55	$4.17	0%	4.55
2036	5/1/2036	$4.58	$4.14	0%	4.58
2036	6/1/2036	$4.61	$4.19	0%	4.61
2036	7/1/2036	$4.75	$4.24	0%	4.75
2036	8/1/2036	$4.78	$4.29	0%	4.78
2036	9/1/2036	$4.76	$4.31	0%	4.76
2036	10/1/2036	$4.73	$4.37	0%	4.73
2036	11/1/2036	$4.79	$4.47	0%	4.79
2036	12/1/2036	$5.01	$4.67	0%	5.01
2037	1/1/2037	$5.03	$5.06	0%	5.03
2037	2/1/2037	$5.06	$5.01	0%	5.06
2037	3/1/2037	$4.99	$4.91	0%	4.99
2037	4/1/2037	$4.84	$4.48	0%	4.84
2037	5/1/2037	$4.87	$4.45	0%	4.87
2037	6/1/2037	$4.92	$4.50	0%	4.92
2037	7/1/2037	$5.13	$4.56	0%	5.13
2037	8/1/2037	$5.17	$4.61	0%	5.17
2037	9/1/2037	$5.09	$4.64	0%	5.09
2037	10/1/2037	$5.04	$4.70	0%	5.04
2037	11/1/2037	$5.10	$4.80	0%	5.10
2037	12/1/2037	$5.32	$5.03	0%	5.32
2038	1/1/2038	$5.34	$5.40	0%	5.34
2038	2/1/2038	$5.37	$5.34	0%	5.37
2038	3/1/2038	$5.29	$5.24	0%	5.29
2038	4/1/2038	$5.11	$4.78	0%	5.11
2038	5/1/2038	$5.14	$4.75	0%	5.14
2038	6/1/2038	$5.18	$4.80	0%	5.18
2038	7/1/2038	$5.32	$4.86	0%	5.32
2038	8/1/2038	$5.36	$4.93	0%	5.36
2038	9/1/2038	$5.24	$4.95	0%	5.24
2038	10/1/2038	$5.19	$5.02	0%	5.19
2038	11/1/2038	$5.27	$5.13	0%	5.27
2038	12/1/2038	$5.46	$5.36	0%	5.46
2039	1/1/2039	$5.48	$5.76	0%	5.48
2039	2/1/2039	$5.51	$5.70	0%	5.51
2039	3/1/2039	$5.38	$5.60	0%	5.38
2039	4/1/2039	$5.04	$5.11	0%	5.04
2039	5/1/2039	$5.06	$5.07	0%	5.06
2039	6/1/2039	$5.10	$5.13	0%	5.10
2039	7/1/2039	$5.15	$5.19	0%	5.15
2039	8/1/2039	$5.59	$5.28	0%	5.59
2039	9/1/2039	$5.57	$5.28	0%	5.57
2039	10/1/2039	$5.36	$5.36	0%	5.36
2039	11/1/2039	$5.42	$5.47	0%	5.42
2039	12/1/2039	$5.59	$5.72	0%	5.59
2040	1/1/2040	$5.55	$6.14	0%	5.55
2040	2/1/2040	$5.58	$6.08	0%	5.58
2040	3/1/2040	$5.49	$5.97	0%	5.49
2040	4/1/2040	$5.31	$5.45	0%	5.31
2040	5/1/2040	$5.34	$5.41	0%	5.34
2040	6/1/2040	$5.38	$5.47	0%	5.38
2040	7/1/2040	$5.58	$5.54	0%	5.58
2040	8/1/2040	$5.61	$5.61	0%	5.61
2040	9/1/2040	$5.60	$5.64	0%	5.60
2040	10/1/2040	$5.48	$5.72	0%	5.48
2040	11/1/2040	$5.54	$5.84	0%	5.54
2040	12/1/2040	$5.70	$6.11	0%	5.72
2041	1/1/2041	$5.77	$6.58	0%	5.77
2041	2/1/2041	$5.79	$6.49	0%	5.79
2041	3/1/2041	$5.67	$6.37	0%	5.67
2041	4/1/2041	$5.46	$5.81	0%	5.46
2041	5/1/2041	$5.49	$5.77	0%	5.49
2041	6/1/2041	$5.55	$5.84	0%	5.55
2041	7/1/2041	$5.79	$5.91	0%	5.79
2041	8/1/2041	$5.83	$5.99	0%	5.83
2041	9/1/2041	$5.83	$6.01	0%	5.83
2041	10/1/2041	$5.64	$6.10	0%	5.64
2041	11/1/2041	$5.74	$6.23	0%	5.74
2041	12/1/2041	$5.91	$6.52	0%	5.91
2042	1/1/2042	$5.89	$7.00	0%	5.89
2042	2/1/2042	$5.93	$6.93	0%	5.91
2042	3/1/2042	$5.79	$6.80	0%	5.79
2042	4/1/2042	$5.63	$6.21	0%	5.63
2042	5/1/2042	$5.66	$6.16	0%	5.66
2042	6/1/2042	$5.72	$6.23	0%	5.72
2042	7/1/2042	$6.01	$6.31	0%	6.01
2042	8/1/2042	$6.05	$6.39	0%	6.05
2042	9/1/2042	$6.03	$6.42	0%	6.03
2042	10/1/2042	$5.82	$6.51	0%	5.82
2042	11/1/2042	$5.85	$6.65	0%	5.85
2042	12/1/2042	$6.04	$6.96	0%	6.04
2043	1/1/2043	$6.01	$7.47	0%	6.01
2043	2/1/2043	$6.03	$7.40	0%	6.03
2043	3/1/2043	$5.91	$7.26	0%	5.91
2043	4/1/2043	$5.70	$6.62	0%	5.70
2043	5/1/2043	$5.74	$6.58	0%	5.74
2043	6/1/2043	$5.78	$6.65	0%	5.78
2043	7/1/2043	$6.06	$6.73	0%	6.06
2043	8/1/2043	$6.10	$6.82	0%	6.10
2043	9/1/2043	$6.12	$6.85	0%	6.12
2043	10/1/2043	$5.89	$6.95	0%	5.89
2043	11/1/2043	$5.94	$7.10	0%	5.94
2043	12/1/2043	$6.14	$7.42	0%	6.14
2044	1/1/2044	$6.15	$7.97	0%	6.15
2044	2/1/2044	$6.18	$7.89	0%	6.18
2044	3/1/2044	$6.05	$7.75	0%	6.05
2044	4/1/2044	$5.94	$7.07	0%	5.94
2044	5/1/2044	$5.97	$7.02	0%	5.97
2044	6/1/2044	$6.01	$7.10	0%	6.01
2044	7/1/2044	$6.29	$7.19	0%	6.29
2044	8/1/2044	$6.32	$7.28	0%	6.32
2044	9/1/2044	$6.31	$7.31	0%	6.31
2044	10/1/2044	$6.15	$7.41	0%	6.15
2044	11/1/2044	$6.25	$7.58	0%	6.25
2044	12/1/2044	$6.44	$7.92	0%	6.44
2045	1/1/2045	$6.42	$8.51	0%	6.42
2045	2/1/2045	$6.46	$8.42	0%	6.46
2045	3/1/2045	$6.36	$8.27	0%	6.36
2045	4/1/2045	$6.21	$7.54	0%	6.21
2045	5/1/2045	$6.24	$7.49	0%	6.24
2045	6/1/2045	$6.28	$7.57	0%	6.28
2045	7/1/2045	$6.57	$7.67	0%	6.57
2045	8/1/2045	$6.61	$7.77	0%	6.61
2045	9/1/2045	$6.63	$7.80	0%	6.63
2045	10/1/2045	$6.43	$7.91	0%	6.43
2045	11/1/2045	$6.53	$8.08	0%	6.53
2045	12/1/2045	$6.73	$8.46	0%	6.73
2046	1/1/2046	$6.74	$9.08	0%	6.74
2046	2/1/2046	$6.76	$8.99	0%	6.76
2046	3/1/2046	$6.59	$8.82	0%	6.60
2046	4/1/2046	$6.42	$8.05	0%	6.42
2046	5/1/2046	$6.45	$7.99	0%	6.45
2046	6/1/2046	$6.48	$8.08	0%	6.48
2046	7/1/2046	$6.81	$8.19	0%	6.81
2046	8/1/2046	$6.86	$8.29	0%	6.86
2046	9/1/2046	$6.84	$8.33	0%	6.84
2046	10/1/2046	$6.62	$8.44	0%	6.62
2046	11/1/2046	$6.68	$8.63	0%	6.68
2046	12/1/2046	$6.86	$9.03	0%	6.86
2047	1/1/2047	$6.87	$9.69	0%	6.87
2047	2/1/2047	$6.88	$9.59	0%	6.88
2047	3/1/2047	$6.64	$9.42	0%	6.64
2047	4/1/2047	$6.49	$8.59	0%	6.49
2047	5/1/2047	$6.51	$8.19	0%	6.51
2047	6/1/2047	$6.55	$8.25	0%	6.55
2047	7/1/2047	$6.87	$8.39	0%	6.87
2047	8/1/2047	$6.91	$8.50	0%	6.91
2047	9/1/2047	$6.91	$8.53	0%	6.91
2047	10/1/2047	$6.79	$8.66	0%	6.79
2047	11/1/2047	$6.85	$8.84	0%	6.85
2047	12/1/2047	$6.87	$9.25	0%	6.87
2048	1/1/2048	$6.80	$9.93	0%	6.80
2048	2/1/2048	$6.84	$9.83	0%	6.84
2048	3/1/2048	$6.68	$9.65	0%	6.68
2048	4/1/2048	$6.59	$8.81	0%	6.59
2048	5/1/2048	$6.62	$8.40	0%	6.62
2048	6/1/2048	$6.69	$8.49	0%	6.69
2048	7/1/2048	$7.10	$8.60	0%	7.10
2048	8/1/2048	$7.15	$8.71	0%	7.15
2048	9/1/2048	$7.16	$8.75	0%	7.16
2048	10/1/2048	$6.87	$8.87	0%	6.87
2048	11/1/2048	$6.97	$9.07	0%	6.97
2048	12/1/2048	$7.17	$9.48	0%	7.17
2049	1/1/2049	$7.10	$10.18	0%	7.10
2049	2/1/2049	$7.10	$10.08	0%	7.10
2049	3/1/2049	$7.06	$9.89	0%	7.06
2049	4/1/2049	$6.98	$9.03	0%	6.98
2049	5/1/2049	$6.71	$8.61	0%	6.71
2049	6/1/2049	$6.75	$8.70	0%	6.75
2049	7/1/2049	$6.91	$8.82	0%	6.91
2049	8/1/2049	$6.95	$8.93	0%	6.95
2049	9/1/2049	$6.83	$8.97	0%	6.83
2049	10/1/2049	$6.70	$9.09	0%	6.70
2049	11/1/2049	$6.96	$9.29	0%	6.96
2049	12/1/2049	$7.24	$9.72	0%	7.24
2050	1/1/2050	$7.26	$10.43	0%	7.26
2050	2/1/2050	$7.28	$10.33	0%	7.28
2050	3/1/2050	$7.06	$10.14	0%	7.06
2050	4/1/2050	$6.71	$9.25	0%	6.71
2050	5/1/2050	$6.74	$8.82	0%	6.74
2050	6/1/2050	$6.78	$8.92	0%	6.78
2050	7/1/2050	$6.99	$9.04	0%	6.99
2050	8/1/2050	$7.03	$9.15	0%	7.03
2050	9/1/2050	$7.01	$9.19	0%	7.01
2050	10/1/2050	$6.79	$9.32	0%	6.79
2050	11/1/2050	$6.97	$9.52	0%	6.97
2050	12/1/2050	$7.21	$9.99	0%	7.21

Low Commodity Fundamentals

Historical Henry Hub
NYMEX - Close 4/15/19
NYMEX - Close 10/16/19
Grow at inflation of same month previous year
Low Commodity Fundamentals

20FL-CEC-000206

CONFIDENTIAL

US Gas Prices Nominal $

	Henry Hub	Transco Z4	IGT 23 Gas Prices	Transco Z4	IGT 23 Basis Differentials
Jan-19	3.07	$3.02	3.03	($0.04)	($0.046)
Feb-19	2.65	$2.62	2.63	($0.03)	($0.019)
Mar-19	2.68	$2.55	2.60	($0.05)	($0.083)
Apr-19	2.55	$2.47	2.50	($0.03)	($0.001)
May-19	2.59	$2.59	2.60	($0.00)	$0.005
Jun-19	2.57	$2.57	2.60	$0.00	$0.037
Jul-19	2.64	$2.65	2.69	$0.01	$0.048
Aug-19	2.66	$2.68	2.72	$0.01	$0.056
Sep-19	2.11	$2.11	2.13	$0.00	$0.016
Oct-19	2.04	$2.01	2.04	($0.03)	$0.010
Nov-19	2.09	$2.07	2.10	($0.02)	$0.012
Dec-19	2.15	$2.15	2.18	($0.01)	$0.023
Jan-20	2.06	$2.05	2.09	($0.01)	$0.035
Feb-20	2.05	$2.04	2.09	($0.02)	$0.024
Mar-20	1.97	$1.95	1.96	($0.02)	($0.020)
Apr-20	1.81	$1.76	1.79	($0.05)	($0.019)
May-20	1.61	$1.56	1.62	($0.05)	$0.005
Jun-20	1.57	$1.53	1.60	($0.04)	$0.026
Jul-20	1.72	$1.70	1.77	($0.03)	$0.048
Aug-20	1.91	$1.91	1.97	($0.01)	$0.055
Sep-20	2.06	$2.02	2.08	($0.04)	$0.012
Oct-20	2.09	$2.02	2.10	($0.06)	$0.016
Nov-20	2.08	$2.05	2.10	($0.03)	$0.025
Dec-20	2.14	$2.12	2.17	($0.02)	$0.024
Jan-21	2.26	$2.19	2.24	($0.01)	$0.038
Feb-21	2.24	$2.22	2.28	($0.03)	$0.033
Mar-21	2.16	$2.14	2.14	($0.03)	($0.015)
Apr-21	2.11	$2.03	2.08	($0.07)	($0.021)
May-21	2.15	$2.08	2.15	($0.07)	$0.005
Jun-21	2.18	$2.13	2.21	($0.05)	$0.025
Jul-21	2.23	$2.17	2.25	($0.04)	$0.047
Aug-21	2.24	$2.22	2.30	($0.02)	$0.058
Sep-21	2.27	$2.22	2.29	($0.05)	$0.011
Oct-21	2.27	$2.21	2.29	($0.06)	$0.018
Nov-21	2.33	$2.30	2.36	($0.04)	$0.027
Dec-21	2.44	$2.42	2.48	($0.02)	$0.038
Jan-22	2.46	$2.44	2.50	($0.02)	$0.041
Feb-22	2.47	$2.44	2.51	($0.03)	$0.036
Mar-22	2.48	$2.45	2.46	($0.03)	($0.013)
Apr-22	2.50	$2.43	2.49	($0.07)	($0.014)
May-22	2.52	$2.45	2.52	($0.07)	$0.007
Jun-22	2.54	$2.50	2.58	($0.04)	$0.034
Jul-22	2.61	$2.58	2.67	($0.02)	$0.059
Aug-22	2.63	$2.62	2.70	($0.02)	$0.066
Sep-22	2.63	$2.58	2.65	($0.05)	$0.021
Oct-22	2.62	$2.56	2.65	($0.06)	$0.024
Nov-22	2.70	$2.67	2.74	($0.03)	$0.034
Dec-22	2.79	$2.78	2.84	($0.01)	$0.044
Jan-23	2.81	$2.79	2.86	($0.02)	$0.052
Feb-23	2.83	$2.79	2.87	($0.03)	$0.047
Mar-23	2.77	$2.74	2.77	($0.03)	($0.003)
Apr-23	2.73	$2.66	2.72	($0.07)	($0.008)
May-23	2.75	$2.68	2.76	($0.06)	$0.016
Jun-23	2.78	$2.73	2.82	($0.05)	$0.042
Jul-23	2.87	$2.83	2.94	($0.04)	$0.068
Aug-23	2.89	$2.87	2.97	($0.03)	$0.076
Sep-23	2.87	$2.82	2.90	($0.05)	$0.029
Oct-23	2.85	$2.79	2.88	($0.06)	$0.030
Nov-23	3.01	$2.97	3.05	($0.05)	$0.037
Dec-23	3.07	$3.05	3.12	($0.02)	$0.053
Jan-24	3.10	$3.07	3.15	($0.03)	$0.058
Feb-24	3.12	$3.07	3.17	($0.04)	$0.050
Mar-24	3.10	$3.06	3.10	($0.05)	($0.002)
Apr-24	3.08	$3.00	3.08	($0.09)	($0.007)
May-24	3.16	$3.02	3.12	($0.08)	$0.017
Jun-24	3.18	$3.10	3.21	($0.06)	$0.046
Jul-24	3.27	$3.22	3.34	($0.04)	$0.077
Aug-24	3.30	$3.27	3.37	($0.03)	$0.077
Sep-24	3.26	$3.20	3.31	($0.06)	$0.047
Oct-24	3.24	$3.18	3.28	($0.06)	$0.040
Nov-24	3.37	$3.33	3.42	($0.05)	$0.044
Dec-24	3.60	$3.46	3.56	($0.14)	$0.056
Jan-25	3.52	$3.49	3.58	($0.03)	$0.061
Feb-25	3.54	$3.50	3.60	($0.04)	$0.055
Mar-25	3.48	$3.43	3.47	($0.05)	($0.001)
Apr-25	3.42	$3.33	3.41	($0.10)	($0.011)
May-25	3.44	$3.35	3.46	($0.09)	$0.016
Jun-25	3.47	$3.41	3.52	($0.06)	$0.054
Jul-25	3.65	$3.61	3.73	($0.04)	$0.078
Aug-25	3.68	$3.66	3.76	($0.03)	$0.078
Sep-25	3.37	$3.31	3.41	($0.06)	$0.045
Oct-25	3.35	$3.27	3.38	($0.08)	$0.035
Nov-25	3.44	$3.38	3.48	($0.07)	$0.036
Dec-25	3.60	$3.55	3.65	($0.05)	$0.051
Jan-26	3.62	$3.58	3.68	($0.05)	$0.057
Feb-26	3.64	$3.59	3.70	($0.05)	$0.053
Mar-26	3.58	$3.50	3.55	($0.08)	($0.003)
Apr-26	3.50	$3.41	3.50	($0.09)	($0.001)
May-26	3.52	$3.43	3.54	($0.09)	$0.022
Jun-26	3.57	$3.51	3.62	($0.06)	$0.053
Jul-26	3.82	$3.78	3.90	($0.04)	$0.077
Aug-26	3.85	$3.81	3.93	($0.04)	$0.078
Sep-26	3.79	$3.64	3.74	($0.06)	$0.041
Oct-26	3.64	$3.55	3.68	($0.09)	$0.034
Nov-26	3.70	$3.64	3.74	($0.06)	$0.042
Dec-26	3.87	$3.82	3.92	($0.05)	$0.054
Jan-27	3.89	$3.85	3.95	($0.04)	$0.062
Feb-27	3.91	$3.86	3.97	($0.05)	$0.057
Mar-27	3.85	$3.79	3.85	($0.06)	($0.002)
Apr-27	3.71	$3.62	3.71	($0.10)	($0.002)
May-27	3.74	$3.64	3.78	($0.10)	$0.021
Jun-27	3.81	$3.75	3.86	($0.06)	$0.051
Jul-27	4.10	$4.05	4.17	($0.04)	$0.079
Aug-27	4.12	$4.09	4.21	($0.03)	$0.082
Sep-27	4.08	$4.01	4.12	($0.07)	$0.043
Oct-27	3.89	$3.80	3.93	($0.09)	$0.038
Nov-27	3.95	$3.89	4.00	($0.06)	$0.043
Dec-27	4.14	$4.10	4.20	($0.04)	$0.054
Jan-28	4.17	$4.14	4.23	($0.03)	$0.063
Feb-28	4.20	$4.14	4.24	($0.06)	$0.047
Mar-28	4.10	$4.03	4.10	($0.07)	($0.002)
Apr-28	4.07	$3.96	4.06	($0.11)	($0.006)
May-28	4.10	$4.00	4.12	($0.10)	$0.024
Jun-28	4.28	$4.22	4.34	($0.06)	$0.059
Jul-28	4.27	$4.24	4.37	($0.04)	$0.091
Aug-28	4.31	$4.28	4.40	($0.03)	$0.089
Sep-28	4.35	$4.29	4.40	($0.06)	$0.048
Oct-28	4.31	$4.22	4.35	($0.09)	$0.044
Nov-28	4.35	$4.28	4.40	($0.07)	$0.046
Dec-28	4.69	$4.64	4.65	($0.05)	$0.054
Jan-29	4.64	$4.61	4.72	($0.03)	$0.075
Feb-29	4.67	$4.62	4.74	($0.05)	$0.068
Mar-29	4.45	$4.39	4.46	($0.06)	$0.007
Apr-29	4.47	$4.36	4.47	($0.11)	$0.002
May-29	4.53	$4.43	4.56	($0.10)	$0.027
Jun-29	4.65	$4.58	4.72	($0.07)	$0.062
Jul-29	4.39	$4.34	4.48	($0.05)	$0.091
Aug-29	4.42	$4.38	4.52	($0.03)	$0.098
Sep-29	4.54	$4.46	4.59	($0.07)	$0.053
Oct-29	4.52	$4.43	4.57	($0.10)	$0.040
Nov-29	4.43	$4.39	4.49	($0.04)	$0.063
Dec-29	4.63	$4.59	4.70	($0.04)	$0.062
Jan-30	4.67	$4.64	4.74	($0.03)	$0.075
Feb-30	4.69	$4.65	4.76	($0.04)	$0.069
Mar-30	4.58	$4.53	4.59	($0.05)	$0.004
Apr-30	4.55	$4.43	4.54	($0.12)	($0.008)
May-30	4.58	$4.48	4.61	($0.10)	$0.029
Jun-30	4.65	$4.61	4.72	($0.05)	$0.069
Jul-30	4.98	$4.96	5.09	($0.02)	$0.104
Aug-30	5.02	$5.02	5.13	$0.00	$0.113
Sep-30	4.98	$4.89	5.03	($0.09)	$0.056
Oct-30	4.72	$4.64	4.77	($0.08)	$0.053
Nov-30	4.64	$4.59	4.69	($0.04)	$0.056
Dec-30	4.88	$4.82	4.93	($0.04)	$0.054
Jan-31	4.89	$4.85	4.99	($0.04)	$0.098
Feb-31	4.92	$4.87	5.01	($0.05)	$0.092
Mar-31	4.83	$4.76	4.84	($0.06)	$0.019
Apr-31	4.78	$4.66	4.78	($0.13)	$0.000
May-31	4.81	$4.71	4.87	($0.10)	$0.055
Jun-31	4.88	$4.82	4.96	($0.06)	$0.082
Jul-31	5.21	$5.17	5.33	($0.03)	$0.116
Aug-31	5.26	$5.22	5.40	($0.04)	$0.139
Sep-31	5.16	$5.11	5.25	($0.05)	$0.086
Oct-31	5.05	$4.92	5.09	($0.08)	$0.082
Nov-31	5.07	$5.01	5.14	($0.06)	$0.066
Dec-31	5.26	$5.20	5.33	($0.06)	$0.082
Jan-32	5.28	$5.23	5.39	($0.05)	$0.106
Feb-32	5.31	$5.25	5.39	($0.06)	$0.077
Mar-32	5.29	$5.22	5.34	($0.07)	$0.050
Apr-32	5.13	$5.00	5.15	($0.13)	$0.026
May-32	5.16	$5.05	5.22	($0.10)	$0.069
Jun-32	5.19	$5.13	5.28	($0.05)	$0.095
Jul-32	5.33	$5.29	5.47	($0.04)	$0.136
Aug-32	5.38	$5.35	5.54	($0.03)	$0.159
Sep-32	5.30	$5.25	5.39	($0.05)	$0.091
Oct-32	5.27	$5.19	5.35	($0.08)	$0.088
Nov-32	5.39	$5.28	5.44	($0.11)	$0.053
Dec-32	5.56	$5.33	5.47	($0.08)	$0.072
Jan-33	5.14	$5.07	5.23	($0.06)	$0.093
Feb-33	5.17	$5.10	5.26	($0.07)	$0.091
Mar-33	5.12	$5.02	5.14	($0.10)	$0.022
Apr-33	5.12	$4.98	5.14	($0.14)	$0.016
May-33	5.15	$5.02	5.19	($0.14)	$0.032
Jun-33	5.19	$5.11	5.27	($0.08)	$0.080
Jul-33	5.39	$5.31	5.47	($0.04)	$0.119
Aug-33	5.39	$5.37	5.52	($0.02)	$0.127
Sep-33	5.32	$5.25	5.39	($0.08)	$0.068
Oct-33	5.27	$5.15	5.33	($0.12)	$0.053
Nov-33	5.43	$5.32	5.46	($0.11)	$0.033
Dec-33	5.62	$5.54	5.67	($0.08)	$0.047
Jan-34	5.66	$5.59	5.74	($0.06)	$0.080
Feb-34	5.49	$5.42	5.55	($0.07)	$0.056
Mar-34	5.34	$5.23	5.33	($0.11)	($0.009)
Apr-34	5.27	$5.14	5.28	($0.13)	$0.009
May-34	5.31	$5.17	5.35	($0.13)	$0.039
Jun-34	5.34	$5.26	5.43	($0.08)	$0.084
Jul-34	5.60	$5.55	5.72	($0.04)	$0.125
Aug-34	5.64	$5.62	5.78	($0.02)	$0.144
Sep-34	5.53	$5.46	5.61	($0.08)	$0.074
Oct-34	5.49	$5.27	5.45	($0.13)	$0.049
Nov-34	5.63	$5.52	5.67	($0.11)	$0.034
Dec-34	5.83	$5.76	5.88	($0.07)	$0.055
Jan-35	5.87	$5.81	5.96	($0.06)	$0.086
Feb-35	5.90	$5.83	5.96	($0.07)	$0.065
Mar-35	5.72	$5.61	5.74	($0.11)	$0.018
Apr-35	5.46	$5.32	5.49	($0.14)	$0.023
May-35	5.50	$5.38	5.54	($0.13)	$0.046
Jun-35	5.53	$5.45	5.62	($0.08)	$0.091
Jul-35	5.82	$5.78	5.95	($0.04)	$0.130
Aug-35	5.85	$5.83	6.00	($0.03)	$0.147
Sep-35	5.76	$5.68	5.83	($0.08)	$0.075
Oct-35	5.61	$5.48	5.66	($0.13)	$0.048
Nov-35	5.66	$5.55	5.69	($0.11)	$0.033
Dec-35	5.81	$5.74	5.87	($0.07)	$0.058
Jan-36	5.85	$5.79	5.94	($0.05)	$0.093
Feb-36	5.88	$5.80	5.91	($0.08)	$0.034
Mar-36	5.78	$5.67	5.80	($0.11)	$0.020
Apr-36	5.55	$5.41	5.57	($0.14)	$0.023
May-36	5.59	$5.45	5.64	($0.13)	$0.049
Jun-36	5.63	$5.54	5.72	($0.08)	$0.096
Jul-36	5.79	$5.75	5.93	($0.04)	$0.135
Aug-36	5.83	$5.80	5.98	($0.03)	$0.150
Sep-36	5.81	$5.73	5.90	($0.07)	$0.089
Oct-36	5.77	$5.64	5.84	($0.12)	$0.076
Nov-36	5.85	$5.74	5.90	($0.11)	$0.051
Dec-36	6.11	$6.04	6.18	($0.07)	$0.064
Jan-37	6.16	$6.10	6.27	($0.06)	$0.105
Feb-37	6.29	$6.13	6.28	($0.07)	$0.081
Mar-37	6.11	$5.99	6.13	($0.11)	$0.024
Apr-37	5.93	$5.79	5.95	($0.14)	$0.021
May-37	5.97	$5.83	6.02	($0.14)	$0.055
Jun-37	6.03	$5.95	6.14	($0.08)	$0.111
Jul-37	6.29	$6.25	6.43	($0.04)	$0.147
Aug-37	6.33	$6.30	6.47	($0.03)	$0.147
Sep-37	6.24	$6.17	6.34	($0.07)	$0.096
Oct-37	6.17	$6.04	6.25	($0.14)	$0.074
Nov-37	6.25	$6.13	6.30	($0.12)	$0.052
Dec-37	6.61	$6.44	6.59	($0.17)	$0.078
Jan-38	6.55	$6.49	6.66	($0.06)	$0.111
Feb-38	6.59	$6.52	6.68	($0.08)	$0.088
Mar-38	6.49	$6.37	6.52	($0.12)	$0.026
Apr-38	6.27	$6.13	6.31	($0.14)	$0.044
May-38	6.31	$6.17	6.37	($0.14)	$0.060
Jun-38	6.35	$6.27	6.47	($0.08)	$0.118
Jul-38	6.53	$6.49	6.69	($0.04)	$0.152
Aug-38	6.58	$6.54	6.73	($0.04)	$0.145
Sep-38	6.43	$6.36	6.54	($0.07)	$0.104
Oct-38	6.37	$6.23	6.43	($0.14)	$0.064
Nov-38	6.47	$6.35	6.55	($0.12)	$0.073
Dec-38	6.76	$6.63	6.80	($0.07)	$0.100
Jan-39	6.75	$6.68	6.87	($0.06)	$0.119
Feb-39	6.79	$6.72	6.89	($0.07)	$0.101
Mar-39	6.63	$6.51	6.66	($0.12)	$0.032
Apr-39	6.29	$6.05	6.24	($0.15)	$0.041
May-39	6.24	$6.09	6.29	($0.15)	$0.052
Jun-39	6.28	$6.19	6.39	($0.09)	$0.115
Jul-39	6.34	$6.28	6.47	($0.06)	$0.129
Aug-39	6.89	$6.84	7.04	($0.05)	$0.145
Sep-39	6.86	$6.78	6.95	($0.08)	$0.089
Oct-39	6.69	$6.46	6.69	($0.14)	$0.081
Nov-39	6.68	$6.56	6.74	($0.12)	$0.063
Dec-39	6.86	$6.80	6.97	($0.06)	$0.097
Jan-40	6.93	$6.86	7.02	($0.07)	$0.088
Feb-40	6.96	$6.85	7.02	($0.11)	$0.061
Mar-40	6.85	$6.72	6.88	($0.12)	$0.033
Apr-40	6.62	$6.47	6.63	($0.15)	$0.013
May-40	6.66	$6.51	6.72	($0.15)	$0.058
Jun-40	6.72	$6.62	6.82	($0.10)	$0.108
Jul-40	6.96	$6.91	7.11	($0.05)	$0.144
Aug-40	7.01	$6.97	7.16	($0.04)	$0.155
Sep-40	6.99	$6.91	7.09	($0.08)	$0.098
Oct-40	6.83	$6.68	6.92	($0.15)	$0.086
Nov-40	6.91	$6.78	6.98	($0.13)	$0.069
Dec-40	7.14	$7.07	7.25	($0.07)	$0.111
Jan-41	7.18	$7.12	7.30	($0.06)	$0.113
Feb-41	7.21	$7.12	7.30	($0.09)	$0.083
Mar-41	7.06	$6.93	7.10	($0.13)	$0.037
Apr-41	6.85	$6.65	6.85	($0.15)	$0.046
May-41	6.84	$6.69	6.90	($0.15)	$0.061
Jun-41	6.92	$6.83	7.04	($0.09)	$0.124
Jul-41	7.22	$7.18	7.39	($0.04)	$0.166
Aug-41	7.25	$7.24	7.42	($0.03)	$0.169
Sep-41	7.27	$7.19	7.38	($0.08)	$0.116
Oct-41	7.01	$6.87	7.09	($0.15)	$0.081
Nov-41	7.16	$7.03	7.23	($0.13)	$0.077
Dec-41	7.28	$7.20	7.49	($0.08)	$0.127
Jan-42	7.48	$7.35	7.52	($0.09)	$0.120
Feb-42	7.43	$7.35	7.52	($0.09)	$0.089
Mar-42	7.28	$7.14	7.31	($0.14)	$0.033
Apr-42	7.07	$6.91	7.12	($0.16)	$0.045
May-42	7.12	$6.96	7.18	($0.16)	$0.063
Jun-42	7.18	$7.10	7.32	($0.08)	$0.134
Jul-42	7.59	$7.51	7.72	($0.09)	$0.168
Aug-42	7.65	$7.59	7.77	($0.01)	$0.172
Sep-42	7.57	$7.50	7.69	($0.07)	$0.130
Oct-42	7.31	$7.16	7.39	($0.15)	$0.080
Nov-42	7.35	$7.22	7.43	($0.14)	$0.075
Dec-42	7.59	$7.46	7.69	($0.13)	$0.102
Jan-43	7.63	$7.53	7.74	($0.10)	$0.105
Feb-43	7.66	$7.50	7.71	($0.15)	$0.058
Mar-43	7.51	$7.37	7.54	($0.14)	$0.035
Apr-43	7.25	$7.05	7.27	($0.19)	$0.028
May-43	7.29	$7.10	7.34	($0.19)	$0.050
Jun-43	7.35	$7.19	7.45	($0.16)	$0.106
Jul-43	7.76	$7.63	7.87	($0.08)	$0.164
Aug-43	7.75	$7.69	7.91	($0.06)	$0.156
Sep-43	7.78	$7.61	7.87	($0.17)	$0.091
Oct-43	7.49	$7.32	7.56	($0.17)	$0.077
Nov-43	7.55	$7.39	7.62	($0.16)	$0.066
Dec-43	7.80	$7.65	7.89	($0.14)	$0.087
Jan-44	7.84	$7.72	7.94	($0.12)	$0.099
Feb-44	7.88	$7.72	7.94	($0.16)	$0.059
Mar-44	7.71	$7.55	7.74	($0.16)	$0.025
Apr-44	7.57	$7.36	7.69	($0.21)	$0.029
May-44	7.62	$7.40	7.65	($0.22)	$0.040
Jun-44	7.66	$7.49	7.77	($0.17)	$0.105
Jul-44	8.01	$7.83	8.17	($0.18)	$0.160
Aug-44	8.08	$8.00	8.22	($0.08)	$0.162
Sep-44	8.05	$7.85	8.13	($0.19)	$0.080
Oct-44	7.84	$7.63	7.89	($0.22)	$0.045
Nov-44	7.97	$7.78	8.03	($0.18)	$0.060
Dec-44	8.21	$8.06	8.31	($0.15)	$0.099
Jan-45	8.26	$8.14	8.37	($0.12)	$0.107
Feb-45	8.31	$8.14	8.37	($0.17)	$0.056
Mar-45	8.18	$8.01	8.21	($0.16)	$0.031
Apr-45	7.99	$7.76	8.01	($0.23)	$0.026
May-45	8.03	$7.81	8.07	($0.22)	$0.042
Jun-45	8.08	$7.91	8.19	($0.17)	$0.109
Jul-45	8.45	$8.36	8.61	($0.09)	$0.157
Aug-45	8.51	$8.44	8.68	($0.06)	$0.169
Sep-45	8.52	$8.32	8.61	($0.20)	$0.085
Oct-45	8.27	$8.05	8.33	($0.22)	$0.062
Nov-45	8.40	$8.21	8.46	($0.19)	$0.062
Dec-45	8.65	$8.49	8.75	($0.16)	$0.096
Jan-46	8.70	$8.59	8.82	($0.11)	$0.115
Feb-46	8.73	$8.56	8.79	($0.17)	$0.062
Mar-46	8.53	$8.34	8.55	($0.19)	$0.022
Apr-46	8.29	$8.05	8.31	($0.24)	$0.018
May-46	8.32	$8.10	8.37	($0.23)	$0.043
Jun-46	8.37	$8.20	8.48	($0.18)	$0.110
Jul-46	8.89	$8.70	8.96	($0.19)	$0.158
Aug-46	8.88	$8.80	9.03	($0.09)	$0.176
Sep-46	8.83	$8.63	8.91	($0.20)	$0.081
Oct-46	8.55	$8.33	8.61	($0.22)	$0.062
Nov-46	8.63	$8.43	8.69	($0.19)	$0.064
Dec-46	8.85	$8.70	8.96	($0.15)	$0.103
Jan-47	8.91	$8.80	9.03	($0.10)	$0.126
Feb-47	8.92	$8.73	8.98	($0.19)	$0.058
Mar-47	8.60	$8.39	8.62	($0.21)	$0.019
Apr-47	8.40	$8.15	8.43	($0.25)	$0.022
May-47	8.44	$8.19	8.48	($0.24)	$0.039
Jun-47	8.49	$8.33	8.61	($0.15)	$0.123
Jul-47	8.95	$8.81	9.07	($0.09)	$0.185
Aug-47	8.96	$8.90	9.14	($0.05)	$0.182
Sep-47	8.95	$8.79	9.04	($0.17)	$0.088
Oct-47	8.79	$8.56	8.85	($0.23)	$0.052
Nov-47	8.87	$8.64	8.92	($0.23)	$0.052
Dec-47	8.91	$8.73	9.00	($0.18)	$0.093
Jan-48	8.96	$8.84	9.07	($0.12)	$0.139
Feb-48	9.00	$8.79	9.04	($0.21)	$0.036
Mar-48	8.80	$8.57	8.81	($0.23)	$0.007
Apr-48	8.67	$8.41	8.69	($0.26)	$0.022
May-48	8.72	$8.47	8.75	($0.25)	$0.032
Jun-48	8.81	$8.63	8.91	($0.19)	$0.099
Jul-48	9.34	$9.22	9.48	($0.13)	$0.136
Aug-48	9.41	$9.35	9.59	($0.06)	$0.181
Sep-48	9.43	$9.23	9.50	($0.20)	$0.072
Oct-48	9.04	$8.79	9.10	($0.25)	$0.058
Nov-48	9.18	$8.94	9.23	($0.24)	$0.046
Dec-48	9.45	$9.23	9.51	($0.22)	$0.061
Jan-49	9.56	$9.32	9.59	($0.24)	$0.085
Feb-49	9.51	$9.28	9.54	($0.23)	$0.031
Mar-49	9.45	$9.22	9.46	($0.23)	$0.007
Apr-49	9.35	$9.09	9.36	($0.26)	$0.019
May-49	9.99	$9.74	9.02	($0.25)	$0.033
Jun-49	9.04	$8.83	9.13	($0.21)	$0.089
Jul-49	9.26	$9.11	9.38	($0.15)	$0.124
Aug-49	9.31	$9.18	9.46	($0.13)	$0.151
Sep-49	9.14	$8.95	9.21	($0.19)	$0.071
Oct-49	8.98	$8.73	9.03	($0.24)	$0.058
Nov-49	9.32	$9.08	9.37	($0.24)	$0.046
Dec-49	9.70	$9.49	9.76	($0.22)	$0.062
Jan-50	9.76	$9.58	9.84	($0.17)	$0.086
Feb-50	9.78	$9.55	9.82	($0.23)	$0.033
Mar-50	9.49	$9.26	9.49	($0.23)	$0.006
Apr-50	9.02	$8.76	9.04	($0.26)	$0.023
May-50	9.06	$8.81	9.09	($0.25)	$0.032
Jun-50	9.11	$8.91	9.20	($0.20)	$0.097
Jul-50	9.39	$9.24	9.52	($0.15)	$0.124
Aug-50	9.45	$9.33	9.61	($0.12)	$0.158
Sep-50	9.42	$9.23	9.50	($0.19)	$0.072
Oct-50	9.12	$8.89	9.18	($0.23)	$0.063
Nov-50	9.37	$9.13	9.42	($0.24)	$0.047
Dec-50	9.68	$9.47	9.75	($0.21)	$0.065

CONFIDENTIAL

IHS Markit North American Natural Gas Long-Term Outlook, August 2019
Nominal $/MMBtu
Henry Hub and additional hubs

Month-Year	eYear=	Henry Hub	FGT Z3	Transco Z4	FGT Z3	Transco Z4
Jan-19	2019	$ 3.07	$ (0.09)	$ (0.06)	$ 3.03	$ 3.00
Feb-19	2019	$ 2.65	$ (0.02)	$ (0.03)	$ 2.63	$ 2.62
Mar-19	2019	$ 2.60	$ (0.00)	$ (0.01)	$ 2.60	$ 2.59
Apr-19	2019	$ 2.50	$ (0.00)	$ (0.03)	$ 2.50	$ 2.47
May-19	2019	$ 2.59	$ 0.01	$ (0.00)	$ 2.60	$ 2.59
Jun-19	2019	$ 2.57	$ 0.04	$ 0.00	$ 2.60	$ 2.57
Jul-19	2019	$ 2.64	$ 0.05	$ 0.01	$ 2.69	$ 2.65
Aug-19	2019	$ 2.66	$ 0.06	$ 0.01	$ 2.72	$ 2.68
Sep-19	2019	$ 2.11	$ 0.02	$ 0.00	$ 2.13	$ 2.11
Oct-19	2019	$ 2.04	$ 0.01	$ (0.03)	$ 2.06	$ 2.01
Nov-19	2019	$ 2.09	$ 0.01	$ (0.02)	$ 2.10	$ 2.07
Dec-19	2019	$ 2.15	$ 0.02	$ (0.01)	$ 2.18	$ 2.15
Jan-20	2020	$ 2.06	$ 0.03	$ (0.01)	$ 2.09	$ 2.05
Feb-20	2020	$ 2.06	$ 0.02	$ (0.02)	$ 2.09	$ 2.04
Mar-20	2020	$ 1.97	$ (0.03)	$ (0.02)	$ 1.96	$ 1.95
Apr-20	2020	$ 1.81	$ (0.02)	$ (0.05)	$ 1.79	$ 1.76
May-20	2020	$ 1.61	$ 0.01	$ (0.05)	$ 1.62	$ 1.56
Jun-20	2020	$ 1.57	$ 0.03	$ (0.04)	$ 1.60	$ 1.53
Jul-20	2020	$ 1.72	$ 0.05	$ (0.03)	$ 1.77	$ 1.70
Aug-20	2020	$ 1.91	$ 0.05	$ (0.01)	$ 1.97	$ 1.91
Sep-20	2020	$ 2.06	$ 0.01	$ (0.04)	$ 2.08	$ 2.02
Oct-20	2020	$ 2.09	$ 0.02	$ (0.06)	$ 2.10	$ 2.02
Nov-20	2020	$ 2.08	$ 0.02	$ (0.03)	$ 2.10	$ 2.05
Dec-20	2020	$ 2.14	$ 0.03	$ (0.02)	$ 2.17	$ 2.12
Jan-21	2021	$ 2.20	$ 0.04	$ (0.01)	$ 2.24	$ 2.19
Feb-21	2021	$ 2.24	$ 0.03	$ (0.03)	$ 2.28	$ 2.22
Mar-21	2021	$ 2.16	$ (0.01)	$ (0.02)	$ 2.14	$ 2.14
Apr-21	2021	$ 2.11	$ (0.02)	$ (0.07)	$ 2.08	$ 2.03
May-21	2021	$ 2.15	$ 0.01	$ (0.07)	$ 2.15	$ 2.08
Jun-21	2021	$ 2.18	$ 0.03	$ (0.05)	$ 2.21	$ 2.13
Jul-21	2021	$ 2.21	$ 0.05	$ (0.04)	$ 2.25	$ 2.17
Aug-21	2021	$ 2.24	$ 0.06	$ (0.02)	$ 2.30	$ 2.22
Sep-21	2021	$ 2.27	$ 0.01	$ (0.03)	$ 2.29	$ 2.22
Oct-21	2021	$ 2.27	$ 0.02	$ (0.06)	$ 2.29	$ 2.21
Nov-21	2021	$ 2.33	$ 0.03	$ (0.04)	$ 2.36	$ 2.30
Dec-21	2021	$ 2.44	$ 0.04	$ (0.02)	$ 2.48	$ 2.42
Jan-22	2022	$ 2.46	$ 0.04	$ (0.02)	$ 2.50	$ 2.44
Feb-22	2022	$ 2.47	$ 0.04	$ (0.03)	$ 2.51	$ 2.44
Mar-22	2022	$ 2.48	$ (0.01)	$ (0.03)	$ 2.46	$ 2.45
Apr-22	2022	$ 2.50	$ (0.02)	$ (0.07)	$ 2.49	$ 2.43
May-22	2022	$ 2.52	$ 0.01	$ (0.07)	$ 2.52	$ 2.45
Jun-22	2022	$ 2.54	$ 0.03	$ (0.04)	$ 2.58	$ 2.50
Jul-22	2022	$ 2.61	$ 0.06	$ (0.02)	$ 2.67	$ 2.58
Aug-22	2022	$ 2.63	$ 0.07	$ (0.02)	$ 2.70	$ 2.62
Sep-22	2022	$ 2.63	$ 0.02	$ (0.05)	$ 2.65	$ 2.58
Oct-22	2022	$ 2.62	$ 0.03	$ (0.06)	$ 2.65	$ 2.56
Nov-22	2022	$ 2.70	$ 0.03	$ (0.03)	$ 2.74	$ 2.67
Dec-22	2022	$ 2.79	$ 0.04	$ (0.01)	$ 2.84	$ 2.78
Jan-23	2023	$ 2.81	$ 0.05	$ (0.02)	$ 2.86	$ 2.79
Feb-23	2023	$ 2.83	$ 0.05	$ (0.03)	$ 2.87	$ 2.79
Mar-23	2023	$ 2.77	$ (0.00)	$ (0.03)	$ 2.77	$ 2.74
Apr-23	2023	$ 2.73	$ (0.01)	$ (0.07)	$ 2.72	$ 2.66
May-23	2023	$ 2.75	$ 0.02	$ (0.06)	$ 2.76	$ 2.68
Jun-23	2023	$ 2.78	$ 0.04	$ (0.01)	$ 2.82	$ 2.73
Jul-23	2023	$ 2.87	$ 0.07	$ (0.04)	$ 2.94	$ 2.83
Aug-23	2023	$ 2.89	$ 0.08	$ (0.03)	$ 2.97	$ 2.87
Sep-23	2023	$ 2.87	$ 0.03	$ (0.01)	$ 2.90	$ 2.82
Oct-23	2023	$ 2.85	$ 0.03	$ (0.06)	$ 2.88	$ 2.79
Nov-23	2023	$ 3.01	$ 0.04	$ (0.03)	$ 3.05	$ 2.97
Dec-23	2023	$ 3.07	$ 0.05	$ (0.02)	$ 3.12	$ 3.05
Jan-24	2024	$ 3.10	$ 0.06	$ (0.03)	$ 3.15	$ 3.07
Feb-24	2024	$ 3.12	$ 0.05	$ (0.04)	$ 3.17	$ 3.07
Mar-24	2024	$ 3.10	$ (0.00)	$ (0.05)	$ 3.10	$ 3.06
Apr-24	2024	$ 3.08	$ (0.01)	$ (0.09)	$ 3.08	$ 3.00
May-24	2024	$ 3.10	$ 0.02	$ (0.08)	$ 3.12	$ 3.02
Jun-24	2024	$ 3.16	$ 0.05	$ (0.04)	$ 3.21	$ 3.10
Jul-24	2024	$ 3.27	$ 0.08	$ (0.04)	$ 3.34	$ 3.22
Aug-24	2024	$ 3.30	$ 0.08	$ (0.03)	$ 3.37	$ 3.27
Sep-24	2024	$ 3.26	$ 0.05	$ (0.06)	$ 3.31	$ 3.20
Oct-24	2024	$ 3.24	$ 0.04	$ (0.06)	$ 3.28	$ 3.18
Nov-24	2024	$ 3.37	$ 0.04	$ (0.05)	$ 3.42	$ 3.33
Dec-24	2024	$ 3.50	$ 0.06	$ (0.04)	$ 3.56	$ 3.46
Jan-25	2025	$ 3.52	$ 0.06	$ (0.03)	$ 3.58	$ 3.49
Feb-25	2025	$ 3.54	$ 0.06	$ (0.04)	$ 3.60	$ 3.50
Mar-25	2025	$ 3.48	$ (0.00)	$ (0.01)	$ 3.47	$ 3.43
Apr-25	2025	$ 3.42	$ (0.01)	$ (0.10)	$ 3.41	$ 3.33
May-25	2025	$ 3.44	$ 0.02	$ (0.09)	$ 3.46	$ 3.35
Jun-25	2025	$ 3.47	$ 0.05	$ (0.06)	$ 3.52	$ 3.41
Jul-25	2025	$ 3.65	$ 0.08	$ (0.04)	$ 3.73	$ 3.61
Aug-25	2025	$ 3.68	$ 0.08	$ (0.03)	$ 3.76	$ 3.66
Sep-25	2025	$ 3.37	$ 0.05	$ (0.06)	$ 3.41	$ 3.31
Oct-25	2025	$ 3.35	$ 0.04	$ (0.08)	$ 3.38	$ 3.27
Nov-25	2025	$ 3.44	$ 0.04	$ (0.07)	$ 3.48	$ 3.38
Dec-25	2025	$ 3.60	$ 0.05	$ (0.03)	$ 3.65	$ 3.55
Jan-26	2026	$ 3.62	$ 0.06	$ (0.05)	$ 3.68	$ 3.58
Feb-26	2026	$ 3.64	$ 0.05	$ (0.03)	$ 3.70	$ 3.59
Mar-26	2026	$ 3.56	$ (0.00)	$ (0.06)	$ 3.55	$ 3.50
Apr-26	2026	$ 3.50	$ (0.00)	$ (0.09)	$ 3.50	$ 3.41
May-26	2026	$ 3.52	$ 0.02	$ (0.09)	$ 3.54	$ 3.43
Jun-26	2026	$ 3.57	$ 0.05	$ (0.06)	$ 3.62	$ 3.51
Jul-26	2026	$ 3.82	$ 0.08	$ (0.04)	$ 3.90	$ 3.78
Aug-26	2026	$ 3.85	$ 0.08	$ (0.04)	$ 3.93	$ 3.81
Sep-26	2026	$ 3.70	$ 0.04	$ (0.06)	$ 3.74	$ 3.64
Oct-26	2026	$ 3.64	$ 0.03	$ (0.09)	$ 3.68	$ 3.55
Nov-26	2026	$ 3.70	$ 0.04	$ (0.06)	$ 3.74	$ 3.64
Dec-26	2026	$ 3.87	$ 0.05	$ (0.03)	$ 3.92	$ 3.82
Jan-27	2027	$ 3.89	$ 0.06	$ (0.04)	$ 3.95	$ 3.85
Feb-27	2027	$ 3.91	$ 0.06	$ (0.03)	$ 3.97	$ 3.88
Mar-27	2027	$ 3.85	$ (0.00)	$ (0.06)	$ 3.85	$ 3.79
Apr-27	2027	$ 3.71	$ (0.00)	$ (0.10)	$ 3.71	$ 3.62
May-27	2027	$ 3.74	$ 0.02	$ (0.10)	$ 3.76	$ 3.64
Jun-27	2027	$ 3.81	$ 0.05	$ (0.06)	$ 3.86	$ 3.75
Jul-27	2027	$ 4.10	$ 0.08	$ (0.04)	$ 4.17	$ 4.05
Aug-27	2027	$ 4.12	$ 0.08	$ (0.03)	$ 4.21	$ 4.09
Sep-27	2027	$ 4.08	$ 0.04	$ (0.07)	$ 4.12	$ 4.01
Oct-27	2027	$ 3.89	$ 0.04	$ (0.09)	$ 3.93	$ 3.80
Nov-27	2027	$ 3.95	$ 0.04	$ (0.06)	$ 4.00	$ 3.89
Dec-27	2027	$ 4.14	$ 0.05	$ (0.03)	$ 4.20	$ 4.10
Jan-28	2028	$ 4.17	$ 0.06	$ (0.03)	$ 4.23	$ 4.14
Feb-28	2028	$ 4.20	$ 0.05	$ (0.06)	$ 4.24	$ 4.14
Mar-28	2028	$ 4.10	$ (0.00)	$ (0.07)	$ 4.10	$ 4.03
Apr-28	2028	$ 4.07	$ (0.01)	$ (0.13)	$ 4.06	$ 3.96
May-28	2028	$ 4.10	$ 0.02	$ (0.10)	$ 4.12	$ 4.00
Jun-28	2028	$ 4.28	$ 0.06	$ (0.06)	$ 4.34	$ 4.22
Jul-28	2028	$ 4.27	$ 0.09	$ (0.04)	$ 4.37	$ 4.24
Aug-28	2028	$ 4.31	$ 0.09	$ (0.03)	$ 4.40	$ 4.28
Sep-28	2028	$ 4.35	$ 0.05	$ (0.06)	$ 4.40	$ 4.29
Oct-28	2028	$ 4.31	$ 0.04	$ (0.09)	$ 4.35	$ 4.22
Nov-28	2028	$ 4.35	$ 0.05	$ (0.07)	$ 4.40	$ 4.28
Dec-28	2028	$ 4.60	$ 0.05	$ (0.05)	$ 4.65	$ 4.54
Jan-29	2029	$ 4.64	$ 0.08	$ (0.03)	$ 4.72	$ 4.61
Feb-29	2029	$ 4.67	$ 0.07	$ (0.05)	$ 4.74	$ 4.62
Mar-29	2029	$ 4.45	$ 0.01	$ (0.06)	$ 4.46	$ 4.39
Apr-29	2029	$ 4.47	$ 0.00	$ (0.10)	$ 4.47	$ 4.36
May-29	2029	$ 4.53	$ 0.03	$ (0.10)	$ 4.56	$ 4.43
Jun-29	2029	$ 4.66	$ 0.06	$ (0.07)	$ 4.72	$ 4.58
Jul-29	2029	$ 4.39	$ 0.09	$ (0.05)	$ 4.48	$ 4.34
Aug-29	2029	$ 4.42	$ 0.10	$ (0.03)	$ 4.52	$ 4.38
Sep-29	2029	$ 4.54	$ 0.05	$ (0.07)	$ 4.59	$ 4.46
Oct-29	2029	$ 4.52	$ 0.04	$ (0.10)	$ 4.57	$ 4.43
Nov-29	2029	$ 4.43	$ 0.06	$ (0.04)	$ 4.49	$ 4.39
Dec-29	2029	$ 4.63	$ 0.06	$ (0.04)	$ 4.70	$ 4.59
Jan-30	2030	$ 4.67	$ 0.08	$ (0.03)	$ 4.74	$ 4.64
Feb-30	2030	$ 4.69	$ 0.07	$ (0.04)	$ 4.76	$ 4.65
Mar-30	2030	$ 4.58	$ 0.00	$ (0.05)	$ 4.59	$ 4.53
Apr-30	2030	$ 4.55	$ (0.01)	$ (0.12)	$ 4.54	$ 4.43
May-30	2030	$ 4.58	$ 0.03	$ (0.10)	$ 4.61	$ 4.48
Jun-30	2030	$ 4.65	$ 0.07	$ (0.05)	$ 4.72	$ 4.61
Jul-30	2030	$ 4.98	$ 0.10	$ (0.02)	$ 5.09	$ 4.96
Aug-30	2030	$ 5.02	$ 0.11	$ 0.00	$ 5.13	$ 5.02
Sep-30	2030	$ 4.95	$ 0.06	$ (0.01)	$ 5.00	$ 4.89
Oct-30	2030	$ 4.72	$ 0.05	$ (0.08)	$ 4.77	$ 4.64
Nov-30	2030	$ 4.64	$ 0.06	$ (0.04)	$ 4.69	$ 4.59
Dec-30	2030	$ 4.86	$ 0.06	$ (0.04)	$ 4.93	$ 4.82
Jan-31	2031	$ 4.89	$ 0.10	$ (0.04)	$ 4.99	$ 4.85
Feb-31	2031	$ 4.92	$ 0.09	$ (0.00)	$ 5.01	$ 4.87
Mar-31	2031	$ 4.83	$ 0.02	$ (0.06)	$ 4.84	$ 4.76
Apr-31	2031	$ 4.78	$ 0.00	$ (0.12)	$ 4.78	$ 4.66
May-31	2031	$ 4.81	$ 0.06	$ (0.10)	$ 4.87	$ 4.71
Jun-31	2031	$ 4.88	$ 0.08	$ (0.06)	$ 4.96	$ 4.82
Jul-31	2031	$ 5.21	$ 0.12	$ (0.03)	$ 5.33	$ 5.17
Aug-31	2031	$ 5.26	$ 0.14	$ (0.04)	$ 5.40	$ 5.22
Sep-31	2031	$ 5.16	$ 0.09	$ (0.01)	$ 5.25	$ 5.11
Oct-31	2031	$ 5.00	$ 0.08	$ (0.08)	$ 5.09	$ 4.92
Nov-31	2031	$ 5.07	$ 0.07	$ (0.00)	$ 5.14	$ 5.01
Dec-31	2031	$ 5.25	$ 0.08	$ (0.05)	$ 5.33	$ 5.20
Jan-32	2032	$ 5.28	$ 0.11	$ (0.05)	$ 5.39	$ 5.23
Feb-32	2032	$ 5.31	$ 0.08	$ (0.06)	$ 5.39	$ 5.25
Mar-32	2032	$ 5.29	$ 0.05	$ (0.07)	$ 5.34	$ 5.22
Apr-32	2032	$ 5.13	$ 0.03	$ (0.13)	$ 5.15	$ 5.00
May-32	2032	$ 5.16	$ 0.07	$ (0.10)	$ 5.23	$ 5.05
Jun-32	2032	$ 5.19	$ 0.09	$ (0.06)	$ 5.28	$ 5.13
Jul-32	2032	$ 5.33	$ 0.14	$ (0.04)	$ 5.47	$ 5.29
Aug-32	2032	$ 5.38	$ 0.16	$ (0.03)	$ 5.54	$ 5.35
Sep-32	2032	$ 5.30	$ 0.09	$ (0.05)	$ 5.39	$ 5.25
Oct-32	2032	$ 5.27	$ 0.09	$ (0.08)	$ 5.35	$ 5.19
Nov-32	2032	$ 5.39	$ 0.05	$ (0.10)	$ 5.44	$ 5.28
Dec-32	2032	$ 5.40	$ 0.07	$ (0.08)	$ 5.47	$ 5.33
Jan-33	2033	$ 5.14	$ 0.09	$ (0.06)	$ 5.23	$ 5.07
Feb-33	2033	$ 5.17	$ 0.09	$ (0.07)	$ 5.26	$ 5.10
Mar-33	2033	$ 5.12	$ 0.02	$ (0.10)	$ 5.14	$ 5.02
Apr-33	2033	$ 5.12	$ 0.02	$ (0.14)	$ 5.14	$ 4.98
May-33	2033	$ 5.15	$ 0.03	$ (0.14)	$ 5.19	$ 5.02
Jun-33	2033	$ 5.19	$ 0.08	$ (0.08)	$ 5.27	$ 5.11
Jul-33	2033	$ 5.35	$ 0.12	$ (0.04)	$ 5.47	$ 5.31
Aug-33	2033	$ 5.39	$ 0.13	$ (0.02)	$ 5.52	$ 5.37
Sep-33	2033	$ 5.32	$ 0.07	$ (0.08)	$ 5.39	$ 5.25
Oct-33	2033	$ 5.27	$ 0.05	$ (0.12)	$ 5.33	$ 5.15
Nov-33	2033	$ 5.43	$ 0.03	$ (0.11)	$ 5.46	$ 5.32
Dec-33	2033	$ 5.62	$ 0.05	$ (0.08)	$ 5.67	$ 5.54
Jan-34	2034	$ 5.66	$ 0.08	$ (0.08)	$ 5.74	$ 5.59
Feb-34	2034	$ 5.49	$ 0.06	$ (0.07)	$ 5.55	$ 5.42
Mar-34	2034	$ 5.34	$ (0.01)	$ (0.13)	$ 5.33	$ 5.21
Apr-34	2034	$ 5.27	$ 0.01	$ (0.13)	$ 5.28	$ 5.14
May-34	2034	$ 5.31	$ 0.04	$ (0.13)	$ 5.35	$ 5.17
Jun-34	2034	$ 5.34	$ 0.08	$ (0.08)	$ 5.43	$ 5.26
Jul-34	2034	$ 5.60	$ 0.12	$ (0.04)	$ 5.72	$ 5.55
Aug-34	2034	$ 5.64	$ 0.14	$ (0.02)	$ 5.78	$ 5.62
Sep-34	2034	$ 5.53	$ 0.07	$ (0.08)	$ 5.61	$ 5.46
Oct-34	2034	$ 5.40	$ 0.05	$ (0.13)	$ 5.45	$ 5.27
Nov-34	2034	$ 5.63	$ 0.03	$ (0.11)	$ 5.67	$ 5.52
Dec-34	2034	$ 5.83	$ 0.06	$ (0.07)	$ 5.88	$ 5.76
Jan-35	2035	$ 5.87	$ 0.09	$ (0.06)	$ 5.96	$ 5.81
Feb-35	2035	$ 5.90	$ 0.06	$ (0.07)	$ 5.96	$ 5.83
Mar-35	2035	$ 5.72	$ 0.02	$ (0.11)	$ 5.74	$ 5.61
Apr-35	2035	$ 5.46	$ 0.02	$ (0.14)	$ 5.49	$ 5.32
May-35	2035	$ 5.50	$ 0.05	$ (0.13)	$ 5.54	$ 5.36
Jun-35	2035	$ 5.53	$ 0.09	$ (0.08)	$ 5.62	$ 5.45
Jul-35	2035	$ 5.82	$ 0.13	$ (0.04)	$ 5.95	$ 5.78
Aug-35	2035	$ 5.85	$ 0.15	$ (0.03)	$ 6.00	$ 5.83
Sep-35	2035	$ 5.76	$ 0.07	$ (0.08)	$ 5.83	$ 5.68
Oct-35	2035	$ 5.61	$ 0.05	$ (0.13)	$ 5.66	$ 5.48
Nov-35	2035	$ 5.66	$ 0.03	$ (0.11)	$ 5.69	$ 5.55
Dec-35	2035	$ 5.81	$ 0.06	$ (0.07)	$ 5.87	$ 5.74
Jan-36	2036	$ 5.85	$ 0.09	$ (0.06)	$ 5.94	$ 5.79
Feb-36	2036	$ 5.88	$ 0.03	$ (0.08)	$ 5.91	$ 5.80
Mar-36	2036	$ 5.78	$ 0.02	$ (0.11)	$ 5.80	$ 5.67
Apr-36	2036	$ 5.55	$ 0.02	$ (0.14)	$ 5.57	$ 5.41
May-36	2036	$ 5.59	$ 0.05	$ (0.13)	$ 5.64	$ 5.45
Jun-36	2036	$ 5.63	$ 0.10	$ (0.08)	$ 5.72	$ 5.54
Jul-36	2036	$ 5.79	$ 0.13	$ (0.04)	$ 5.93	$ 5.75
Aug-36	2036	$ 5.83	$ 0.15	$ (0.03)	$ 5.98	$ 5.80
Sep-36	2036	$ 5.81	$ 0.09	$ (0.07)	$ 5.90	$ 5.73
Oct-36	2036	$ 5.77	$ 0.08	$ (0.12)	$ 5.84	$ 5.64
Nov-36	2036	$ 5.85	$ 0.05	$ (0.10)	$ 5.90	$ 5.74
Dec-36	2036	$ 6.11	$ 0.06	$ (0.07)	$ 6.18	$ 6.04
Jan-37	2037	$ 6.16	$ 0.11	$ (0.06)	$ 6.27	$ 6.10
Feb-37	2037	$ 6.20	$ 0.08	$ (0.07)	$ 6.28	$ 6.13
Mar-37	2037	$ 6.11	$ 0.02	$ (0.11)	$ 6.13	$ 5.99
Apr-37	2037	$ 5.93	$ 0.02	$ (0.14)	$ 5.95	$ 5.79
May-37	2037	$ 5.97	$ 0.05	$ (0.14)	$ 6.02	$ 5.83
Jun-37	2037	$ 6.03	$ 0.11	$ (0.08)	$ 6.14	$ 5.95
Jul-37	2037	$ 6.29	$ 0.15	$ (0.04)	$ 6.43	$ 6.25
Aug-37	2037	$ 6.33	$ 0.15	$ (0.03)	$ 6.47	$ 6.30
Sep-37	2037	$ 6.24	$ 0.10	$ (0.07)	$ 6.34	$ 6.17
Oct-37	2037	$ 6.17	$ 0.07	$ (0.14)	$ 6.25	$ 6.04
Nov-37	2037	$ 6.25	$ 0.05	$ (0.12)	$ 6.30	$ 6.13
Dec-37	2037	$ 6.51	$ 0.08	$ (0.07)	$ 6.59	$ 6.44
Jan-38	2038	$ 6.55	$ 0.11	$ (0.06)	$ 6.66	$ 6.49
Feb-38	2038	$ 6.59	$ 0.09	$ (0.08)	$ 6.68	$ 6.52
Mar-38	2038	$ 6.49	$ 0.03	$ (0.12)	$ 6.52	$ 6.37
Apr-38	2038	$ 6.27	$ 0.04	$ (0.14)	$ 6.31	$ 6.13
May-38	2038	$ 6.31	$ 0.06	$ (0.14)	$ 6.37	$ 6.17
Jun-38	2038	$ 6.35	$ 0.12	$ (0.08)	$ 6.47	$ 6.27
Jul-38	2038	$ 6.53	$ 0.15	$ (0.04)	$ 6.69	$ 6.49
Aug-38	2038	$ 6.58	$ 0.14	$ (0.04)	$ 6.73	$ 6.54
Sep-38	2038	$ 6.43	$ 0.10	$ (0.07)	$ 6.54	$ 6.36
Oct-38	2038	$ 6.27	$ 0.06	$ (0.14)	$ 6.33	$ 6.13
Nov-38	2038	$ 6.47	$ 0.07	$ (0.12)	$ 6.55	$ 6.35
Dec-38	2038	$ 6.70	$ 0.10	$ (0.07)	$ 6.80	$ 6.63
Jan-39	2039	$ 6.75	$ 0.12	$ (0.06)	$ 6.87	$ 6.68
Feb-39	2039	$ 6.79	$ 0.10	$ (0.07)	$ 6.89	$ 6.72
Mar-39	2039	$ 6.63	$ 0.03	$ (0.12)	$ 6.66	$ 6.51
Apr-39	2039	$ 6.20	$ 0.04	$ (0.15)	$ 6.24	$ 6.05
May-39	2039	$ 6.24	$ 0.05	$ (0.15)	$ 6.29	$ 6.09
Jun-39	2039	$ 6.28	$ 0.11	$ (0.09)	$ 6.39	$ 6.19
Jul-39	2039	$ 6.34	$ 0.13	$ (0.06)	$ 6.47	$ 6.28
Aug-39	2039	$ 6.89	$ 0.15	$ (0.01)	$ 7.04	$ 6.84
Sep-39	2039	$ 6.86	$ 0.09	$ (0.08)	$ 6.95	$ 6.78
Oct-39	2039	$ 6.60	$ 0.08	$ (0.14)	$ 6.69	$ 6.46
Nov-39	2039	$ 6.68	$ 0.06	$ (0.12)	$ 6.74	$ 6.56
Dec-39	2039	$ 6.88	$ 0.09	$ (0.09)	$ 6.97	$ 6.80
Jan-40	2040	$ 6.93	$ 0.10	$ (0.07)	$ 7.02	$ 6.86
Feb-40	2040	$ 6.96	$ 0.06	$ (0.11)	$ 7.02	$ 6.85
Mar-40	2040	$ 6.85	$ 0.03	$ (0.12)	$ 6.88	$ 6.72
Apr-40	2040	$ 6.62	$ 0.01	$ (0.15)	$ 6.63	$ 6.47
May-40	2040	$ 6.66	$ 0.06	$ (0.15)	$ 6.72	$ 6.51
Jun-40	2040	$ 6.72	$ 0.11	$ (0.10)	$ 6.82	$ 6.62
Jul-40	2040	$ 6.96	$ 0.14	$ (0.05)	$ 7.11	$ 6.91
Aug-40	2040	$ 7.01	$ 0.15	$ (0.04)	$ 7.16	$ 6.97
Sep-40	2040	$ 6.99	$ 0.10	$ (0.08)	$ 7.09	$ 6.91
Oct-40	2040	$ 6.83	$ 0.09	$ (0.10)	$ 6.92	$ 6.73
Nov-40	2040	$ 6.91	$ 0.07	$ (0.12)	$ 6.98	$ 6.79
Dec-40	2040	$ 7.14	$ 0.11	$ (0.07)	$ 7.25	$ 7.07
Jan-41	2041	$ 7.19	$ 0.11	$ (0.06)	$ 7.30	$ 7.13
Feb-41	2041	$ 7.21	$ 0.08	$ (0.09)	$ 7.30	$ 7.12
Mar-41	2041	$ 7.06	$ 0.04	$ (0.13)	$ 7.10	$ 6.93
Apr-41	2041	$ 6.80	$ 0.05	$ (0.10)	$ 6.85	$ 6.65
May-41	2041	$ 6.84	$ 0.06	$ (0.15)	$ 6.90	$ 6.69
Jun-41	2041	$ 6.92	$ 0.12	$ (0.09)	$ 7.04	$ 6.83
Jul-41	2041	$ 7.22	$ 0.17	$ (0.04)	$ 7.39	$ 7.18
Aug-41	2041	$ 7.26	$ 0.16	$ (0.03)	$ 7.42	$ 7.24
Sep-41	2041	$ 7.27	$ 0.13	$ (0.08)	$ 7.38	$ 7.19
Oct-41	2041	$ 7.03	$ 0.06	$ (0.10)	$ 7.09	$ 6.87
Nov-41	2041	$ 7.16	$ 0.08	$ (0.13)	$ 7.23	$ 7.03
Dec-41	2041	$ 7.36	$ 0.13	$ (0.06)	$ 7.49	$ 7.30
Jan-42	2042	$ 7.40	$ 0.12	$ (0.05)	$ 7.52	$ 7.35
Feb-42	2042	$ 7.43	$ 0.09	$ (0.09)	$ 7.52	$ 7.35
Mar-42	2042	$ 7.28	$ 0.03	$ (0.14)	$ 7.31	$ 7.14
Apr-42	2042	$ 7.07	$ 0.05	$ (0.16)	$ 7.12	$ 6.91
May-42	2042	$ 7.12	$ 0.06	$ (0.16)	$ 7.18	$ 6.96
Jun-42	2042	$ 7.18	$ 0.13	$ (0.08)	$ 7.32	$ 7.10
Jul-42	2042	$ 7.55	$ 0.17	$ (0.03)	$ 7.72	$ 7.51
Aug-42	2042	$ 7.60	$ 0.17	$ (0.01)	$ 7.77	$ 7.59
Sep-42	2042	$ 7.37	$ 0.12	$ (0.07)	$ 7.49	$ 7.30
Oct-42	2042	$ 7.31	$ 0.08	$ (0.15)	$ 7.39	$ 7.16
Nov-42	2042	$ 7.35	$ 0.07	$ (0.14)	$ 7.43	$ 7.22
Dec-42	2042	$ 7.59	$ 0.10	$ (0.13)	$ 7.69	$ 7.46
Jan-43	2043	$ 7.63	$ 0.10	$ (0.10)	$ 7.74	$ 7.53
Feb-43	2043	$ 7.66	$ 0.06	$ (0.15)	$ 7.71	$ 7.50
Mar-43	2043	$ 7.51	$ 0.04	$ (0.14)	$ 7.54	$ 7.37
Apr-43	2043	$ 7.25	$ 0.03	$ (0.19)	$ 7.27	$ 7.05
May-43	2043	$ 7.29	$ 0.05	$ (0.19)	$ 7.34	$ 7.10
Jun-43	2043	$ 7.35	$ 0.11	$ (0.16)	$ 7.45	$ 7.19
Jul-43	2043	$ 7.70	$ 0.16	$ (0.08)	$ 7

FL June 2019 FOF

Natural Gas Report

MMBtu = Dt

MMBtu (000)

Plant	Unit	2019	2020	2021	2022	2023
ANCLOTE	1	5,725,519.967	5,057,647.146	6,204,051.752	8,448,913.808	6,721,040.467
ANCLOTE	2	3,993,127.573	3,120,861.778	4,906,149.624	2,223,286.471	1,894,315.903
ANCLOTE	*Total*	***9,718,647.540***	***8,178,508.925***	***11,110,201.376***	***10,672,200.279***	***8,615,356.370***
AVON PK	P 1	.000	.000	.000	.000	.000
AVON PK	*Total*	***.000***	***.000***	***.000***	***.000***	***.000***
BARTOW	CC1	23,157,747.439	55,794,749.663	55,348,300.707	55,109,823.646	54,944,546.049
BARTOW	P 2	3,892.042	7,025.668	5,986.380	6,468.973	6,811.767
BARTOW	P 4	5,830.031	8,417.662	8,363.979	9,641.229	6,299.716
BARTOW	*Total*	***23,167,469.511***	***55,810,192.992***	***55,362,651.065***	***55,125,933.849***	***54,957,657.532***
Citrus CC #1	1	20,678,864.852	41,415,942.741	41,309,760.894	41,496,989.884	41,471,709.073
Citrus CC #1	*Total*	***20,678,864.852***	***41,415,942.741***	***41,309,760.894***	***41,496,989.884***	***41,471,709.073***
Citrus CC #2	1	20,526,481.161	41,341,557.256	41,574,498.947	41,336,340.197	41,514,692.387
Citrus CC #2	*Total*	***20,526,481.161***	***41,341,557.256***	***41,574,498.947***	***41,336,340.197***	***41,514,692.387***
DEBARY	P 7	269,390.385	360,105.282	374,198.701	475,267.146	470,704.634
DEBARY	P 8	160,350.261	190,118.447	186,923.627	234,503.817	191,787.853
DEBARY	P 9	328,047.299	441,791.553	545,985.617	582,987.413	614,755.194
DEBARY	*Total*	***757,787.945***	***992,015.282***	***1,107,107.946***	***1,292,758.376***	***1,277,247.681***
HIGGINS	P 1	0.000	0.000	0.000	0.000	0.000
HIGGINS	P 2	904.703	1,050.310	0.000	0.000	0.000
HIGGINS	P 3	4,437.949	4,049.245	0.000	0.000	0.000
HIGGINS	P 4	5,398.830	4,992.561	0.000	0.000	0.000
HIGGINS	*Total*	***10,741.481***	***10,092.116***	***.000***	***.000***	***.000***
HINES	1	12,676,475.855	22,277,822.109	21,765,706.117	23,089,199.097	22,864,999.481
HINES	2	12,179,056.870	21,090,125.016	22,047,818.960	20,563,455.713	22,347,448.592
HINES	3	11,069,071.225	23,568,446.242	20,918,240.431	23,246,826.556	23,217,632.190
HINES	4	11,820,825.918	25,341,724.876	26,883,761.652	24,859,943.901	24,564,743.041
HINES	*Total*	***47,745,429.868***	***92,278,118.243***	***91,615,527.161***	***91,759,425.267***	***92,994,823.305***
INT CITY	P 7	124,440.073	121,793.566	126,356.043	138,774.686	136,269.017
INT CITY	P 8	210,789.836	260,365.053	315,709.987	334,336.389	297,680.610
INT CITY	P 9	216,916.865	266,450.466	318,494.417	252,301.309	344,891.640
INT CITY	P10	119,334.821	125,907.311	91,750.140	145,585.394	132,809.890
INT CITY	P12	22,514.713	27,163.780	42,155.279	43,384.841	40,278.127
INT CITY	P13	62,379.893	62,027.291	44,430.899	59,687.655	52,717.012
INT CITY	P14	10,755.056	18,022.529	23,049.699	22,516.202	15,079.727
INT CITY	*Total*	***767,131.256***	***881,729.996***	***961,946.465***	***996,586.477***	***1,019,726.023***
Osprey 2017	1	12,112,151.229	13,600,566.130	11,407,637.240	11,442,740.440	11,243,453.190
Osprey 2017	*Total*	***12,112,151.229***	***13,600,566.130***	***11,407,637.240***	***11,442,740.440***	***11,243,453.190***
Osprey PPA		.000	.000	.000	.000	.000
Osprey PPA	*Total*	***.000***	***.000***	***.000***	***.000***	***.000***
Shady Hills	1	1,248,676.277	1,028,608.323	1,732,052.434	1,961,818.091	1,939,198.606
Shady Hills	2	1,301,016.042	1,060,593.146	1,888,539.527	2,213,353.854	2,043,555.050
Shady Hills	3	1,395,505.498	1,151,769.883	1,798,265.840	2,015,087.688	1,953,103.810
Shady Hills	*Total*	***3,945,197.818***	***3,240,971.351***	***5,418,857.801***	***6,190,259.633***	***5,935,857.466***
SUWANNEE	1	.000	.000	.000	.000	.000
SUWANNEE	2	.000	.000	.000	.000	.000
SUWANNEE	3	.000	.000	.000	.000	.000
SUWANNEE	P 1	123,629.808	182,701.577	234,113.811	235,450.154	237,939.708
SUWANNEE	P 3	135,848.367	223,660.381	249,518.268	283,623.349	271,915.862
SUWANNEE	*Total*	***259,478.175***	***406,361.959***	***483,632.079***	***519,073.503***	***509,855.569***
TIGERBAY	1	4,295,906.643	6,328,843.964	6,767,734.546	7,138,022.829	6,433,670.738
TIGERBAY	*Total*	***4,295,906.643***	***6,328,843.964***	***6,767,734.546***	***7,138,022.829***	***6,433,670.738***
U OF FL	P 1	1,641,841.291	2,912,322.316	3,266,074.538	3,266,700.778	3,266,039.851
U OF FL	*Total*	***1,641,841.291***	***2,912,322.316***	***3,266,074.538***	***3,266,700.778***	***3,266,039.851***
Vandolah (NSG)	1	187,362.334	221,784.676	263,300.783	352,410.271	297,840.652
Vandolah (NSG)	2	186,363.911	249,792.142	301,630.904	394,291.197	297,000.280
Vandolah (NSG)	3	190,672.401	229,393.647	317,779.248	372,806.384	316,043.236
Vandolah (NSG)	4	223,240.821	294,660.535	320,464.557	382,482.946	338,576.134
Vandolah (NSG)	*Total*	***787,639.466***	***995,631.000***	***1,203,175.492***	***1,501,990.797***	***1,249,460.302***
TOTAL		**146,414,768.235**	**268,392,854.271**	**271,588,805.550**	**272,739,022.309**	**270,489,549.487**

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DEF Aucust 2019 FBP /published 8/19/19R / 2019 Series Generation and Fuel Forecast /published 7/30/19S
https://team.duke-energy.com/sites/RP-FL/default.aspx

Generation Unit Summary – By Month	FORFBP Jan-21	FORFBP Feb-21	FORFBP Mar-21	FORFBP Apr-21	FORFBP May-21	FORFBP Jun-21	FORFBP Jul-21	FORFBP Aug-21	FORFBP Sep-21	FORFBP Oct-21	FORFBP Nov-21	FORFBP Dec-21	FORFBP Jan-22	FORFBP Feb-22	FORFBP Mar-22	FORFBP Apr-22	FORFBP May-22	FORFBP Jun-22	FORFBP Jul-22	FORFBP Aug-22	FORFBP Sep-22	FORFBP Oct-22	FORFBP Nov-22	FORFBP Dec-22	FORFBP Jan-23	FORFBP Feb-23	FORFBP Mar-23	FORFBP Apr-23	FORFBP May-23	FORFBP Jun-23	FORFBP Jul-23	FORFBP Aug-23	FORFBP Sep-23	FORFBP Oct-23	FORFBP Nov-23	FORFBP Dec-23
Combined Cycle Units																																			
Hines	6,161,505	6,209,896	5,982,632	6,235,355	6,896,841	8,858,611	9,249,511	9,270,100	8,942,434	8,462,243	7,059,756	7,629,494	7,352,181	6,574,560	6,784,892	6,314,245	8,465,524	8,777,032	9,330,047	9,398,957	8,898,913	6,728,757	6,025,280	7,630,562	7,313,621	6,289,411	6,497,111	7,031,454	8,753,647	8,915,204	9,326,928	9,302,391	8,983,314	6,989,211	6,415,951	7,570,723
Tiger Bay	249,614	179,290	685,076	369,253	894,429	831,689	851,229	872,703	770,904	423,522	494,919	201,198	370,055	182,106	569,966	686,892	368,213	918,035	902,462	970,893	835,179	734,004	395,623	241,812	337,766	224,671	0	415,950	696,775	876,492	919,931	898,441	883,747	640,664	495,034	345,616
Anclote	558,394	564,689	415,689	768,571	1,416,795	2,064,976	2,675,680	2,551,319	2,241,410	875,359	595,422	116,213	449,423	277,611	535,471	1,359,415	1,832,587	1,757,536	1,718,054	1,773,257	1,607,119	1,138,587	846,302	118,120	355,583	244,223	1,397,800	595,809	313,918	1,247,797	1,857,323	1,807,923	1,688,894	1,120,846	571,213	85,648
Suwannee Steam																																			
University of Florida	310,974	278,039	251,201	201,094	295,865	297,862	293,921	298,667	287,895	160,610	286,939	313,006	319,005	283,038	238,451	205,307	293,921	288,818	296,788	294,845	281,205	166,410	286,906	312,007	312,007	277,007	231,469	216,113	297,744	286,906	295,865	292,566	288,818	167,365	289,773	310,007
Citrus County	8,029,873	7,682,521	4,835,395	6,974,738	7,145,694	7,429,041	7,576,761	7,374,645	7,359,579	7,118,063	4,356,715	7,874,364	7,772,678	6,781,964	4,457,116	7,045,273	7,464,692	7,307,084	7,605,435	7,484,865	7,324,886	6,969,873	4,908,350	7,874,961	7,605,542	7,111,097	7,030,032	5,866,338	5,785,736	7,464,498	7,589,251	7,606,901	7,394,127	7,483,339	4,504,523	7,652,694
Gen.Ad.CC																																			
Osprey	327,984	302,089	1,561,339	776,216	493,130	1,423,745	1,568,172	1,562,355	1,365,139	930,536	1,172,095	381,670	410,279	445,412	1,365,679	186,244	679,307	1,370,647	1,696,162	1,588,253	1,483,950	1,352,522	1,124,302	378,590	414,593	369,048	0	1,016,238	1,194,335	1,425,339	1,633,923	1,549,290	1,385,166	1,126,108	1,216,712	397,570
Bartow	4,639,265	3,732,070	4,063,923	4,303,937	5,154,223	5,128,356	5,432,963	5,327,155	5,133,562	4,750,454	4,467,630	4,462,964	3,900,118	3,737,714	4,247,258	4,392,978	4,877,207	5,164,966	5,233,815	5,287,163	4,970,060	5,018,980	4,728,482	4,278,737	4,696,280	3,688,292	4,058,762	4,210,656	5,065,672	5,030,916	5,270,224	5,389,282	4,903,361	4,671,190	4,640,492	4,358,006
Total	20,478,609	18,948,594	17,795,164	19,629,165	22,396,977	26,010,461	27,648,297	27,257,244	26,100,922	22,720,899	18,433,436	21,006,299	20,573,740	18,282,406	18,208,777	20,190,153	23,980,761	25,524,118	26,772,783	26,798,264	25,380,309	22,109,132	18,315,245	20,812,779	20,435,393	18,203,748	19,218,204	19,384,556	22,055,827	25,347,152	26,892,445	26,837,173	25,527,417	22,218,723	18,136,265	20,620,255
Combustion Turbine Units																																			
Avon Park																																			
Barlow																																			
Debary	26,856	27,843	76,612	163,066	210,006	186,523	185,520	154,281	151,326	26,485	32,192	42,690	48,748	46,583	94,363	154,680	176,597	156,443	216,352	178,726	174,684	127,936	37,838	60,499	51,535	57,439	157,291	102,409	155,627	180,260	195,305	155,972	154,287	88,959	54,722	59,038
Higgins	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Intercession City	33,778	29,100	48,721	130,230	214,717	169,006	177,730	163,137	134,685	65,969	42,146	17,782	54,811	35,695	57,696	98,987	170,319	163,256	207,723	173,236	170,620	115,549	53,841	55,696	53,546	41,638	155,143	83,935	142,198	162,979	200,809	139,214	149,048	118,712	53,554	63,120
Gen 1&IMW CT																																			
Vandolah	37,289	28,389	49,464	293,464	373,678	259,404	254,563	299,071	215,133	118,433	74,193	68,777	46,076	43,808	67,526	255,002	321,694	382,355	617,021	463,570	368,976	268,671	97,435	124,425	39,712	35,293	188,558	215,460	284,218	299,622	536,279	391,044	265,706	213,374	81,338	67,035
Shady Hills	24,352	17,935	19,945	212,412	312,501	206,460	405,563	413,860	125,196	44,979	57,876	3,453	13,782	19,877	2,568	17,975	35,698	56,041	53,104	63,280	37,121	7,937	7,027	13,258	8,838	9,969	11,377	19,987	25,246	52,905	23,983	5,786	9,958	5,961	4,290	9,998
Suwannee	37,671	46,958	27,297	42,578	49,317	39,221	42,534	39,266	42,467	20,886	27,256	64,150	48,766	67,418	40,790	47,228	37,706	37,732	46,293	46,565	36,354	20,130	30,641	77,046	59,035	73,417	28,804	20,488	36,191	38,153	45,808	41,546	35,170	26,953	31,969	78,773
Total	159,946	150,125	222,040	841,751	1,160,218	860,623	1,065,931	1,069,639	668,805	276,752	233,662	196,852	212,182	213,581	262,947	573,871	741,703	795,827	1,140,494	925,376	787,755	540,103	216,182	330,925	212,658	217,756	541,173	442,279	643,481	702,918	1,002,184	733,562	614,080	453,958	225,773	277,954
Total Units	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23
Total	20,638,554	19,098,720	18,017,204	20,470,916	23,557,195	26,871,084	28,714,228	28,326,883	26,769,727	22,997,651	18,667,098	21,203,151	20,785,923	18,496,987	18,471,725	20,765,025	24,722,464	26,319,725	27,913,288	27,723,640	26,168,064	22,649,235	18,531,427	21,143,704	20,648,050	18,421,504	19,759,377	19,926,836	22,699,308	25,950,071	27,894,628	27,570,716	26,140,496	22,672,681	18,352,037	20,898,209
Baseload	20,429,808	18,948,595	17,795,164	19,629,165	22,396,977	26,010,461	27,648,297	27,257,244	26,100,922	22,720,899	18,433,436	21,006,299	20,573,740	18,282,406	18,208,777	20,190,153	23,980,761	25,524,118	26,772,783	26,798,264	25,380,309	22,109,132	18,315,245	20,812,779	20,435,393	18,203,748	19,218,204	19,384,556	22,055,827	25,347,152	26,892,445	26,837,173	25,527,417	22,218,723	18,136,265	20,620,255
check total	20,589,754	18,498,720	18,017,204	20,520,915	23,447,195	26,886,084	28,714,228	28,326,883	26,769,727	22,997,641	18,667,098	21,205,151	20,785,923	18,496,987	18,471,725	20,765,025	24,722,464	26,319,725	27,913,288	27,723,640	26,178,064	22,649,235	18,531,427	21,143,704	20,648,050	18,421,504	19,759,377	19,926,836	22,699,308	25,950,071	27,894,628	27,570,716	26,140,496	22,672,681	18,352,037	20,898,209
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Conversion to Dav																																			
CC Dav	31	28	31	30	31	30	31	31	30	31	30	31	31	28	31	30	31	30	31	31	30	31	30	31	31	28	31	30	31	30	31	31	30	31	30	31
CT Day	31	28	31	30	31	30	31	31	30	31	30	31	31	28	31	30	31	30	31	31	30	31	30	31	31	28	31	30	31	30	31	31	30	31	30	31
Intercession/Vandolah Davs	31	28	31	30	31	30	31	31	30	31	30	31	31	28	31	30	31	30	31	31	30	31	30	31	31	28	31	30	31	30	31	31	30	31	30	31
Total CC OT	20,429,808	18,948,595	17,795,164	19,629,165	22,396,977	26,010,461	27,648,297	27,257,244	26,100,922	22,720,899	18,433,436	21,006,299	20,573,740	18,282,406	18,208,777	20,190,153	23,980,761	25,524,118	26,772,783	26,798,264	25,380,309	22,109,132	18,315,245	20,812,779	20,435,393	18,203,748	19,218,204	19,384,556	22,055,827	25,347,152	26,892,445	26,837,173	25,527,417	22,218,723	18,136,265	20,620,255
Total CT OT	88,879	92,636	123,854	418,057	571,823	432,204	633,638	607,431	318,987	92,350	117,322	110,263	111,296	113,879	137,722	219,882	249,690	250,217	315,750	288,571	248,159	155,883	74,906	150,804	119,398	140,825	187,472	142,884	217,064	271,318	265,096	203,304	199,326	121,873	90,881	147,799
Total tCr/Vandolah	71,967	57,468	68,186	423,694	588,395	444,649	452,264	466,938	346,618	184,403	116,540	66,558	109,886	79,702	125,226	353,989	492,012	545,360	634,764	636,935	539,596	384,220	141,276	180,121	93,260	76,921	340,701	359,395	426,416	431,600	727,088	530,358	414,754	332,986	134,861	130,155
Total DT	20,589,754	18,498,720	18,017,204	20,520,915	23,447,195	26,886,084	28,714,228	28,326,883	26,769,727	22,997,641	18,667,098	21,205,151	20,785,923	18,496,987	18,471,725	20,765,025	24,722,464	26,319,725	27,913,288	27,723,640	26,178,064	22,649,235	18,531,427	21,143,704	20,648,050	18,421,504	19,759,377	19,926,836	22,699,308	25,950,071	27,894,628	27,570,735	26,141,496	22,672,681	18,352,037	20,898,209
Check	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	19	0	0	0	0
CC Daily Burns	659,026	655,307	574,038	655,972	718,935	867,182	891,881	879,266	870,031	732,932	614,448	677,687	663,669	652,943	587,380	673,038	773,573	850,804	863,638	864,460	846,344	713,198	610,508	671,380	659,206	650,134	619,845	646,152	711,478	841,572	867,498	885,715	850,914	716,733	604,209	665,170
CT Daily Burns	2,867	3,308	3,995	13,935	18,446	14,407	20,440	19,595	10,633	2,979	3,911	3,558	3,590	4,781	4,443	7,329	8,055	8,341	10,185	9,309	8,272	5,028	2,497	4,865	3,052	5,029	6,370	4,763	7,002	9,044	8,551	6,558	6,644	3,931	3,029	4,788
Total tCr/Shady Hills Daily Burns	2,292	2,053	3,167	14,123	18,980	14,947	13,945	14,610	11,663	5,948	3,878	2,792	3,254	2,847	4,541	11,600	15,671	18,180	26,605	20,542	17,987	12,394	4,759	5,810	3,008	2,748	11,087	9,980	13,755	14,387	23,777	17,105	13,625	10,712	4,496	4,199
Total Daily Burns	**664,186**	**660,669**	**581,200**	**684,031**	**756,361**	**896,536**	**926,265**	**913,770**	**892,324**	**741,859**	**622,237**	**684,037**	**670,514**	**660,571**	**595,862**	**692,167**	**797,499**	**877,324**	**900,429**	**894,311**	**872,602**	**730,620**	**617,714**	**682,055**	**666,066**	**657,911**	**637,302**	**660,895**	**732,236**	**865,002**	**899,827**	**889,379**	**871,383**	**731,377**	**611,735**	**674,136**
Capacity - includes FGT/FGNG	979,908	979,908	977,423	994,637	1,084,809	1,084,822	1,084,857	1,085,249	997,454	980,095	980,275	979,908	979,908	979,968	977,423	994,637	1,084,809	1,084,807	1,084,822	1,084,857	1,085,249	997,454	980,065	980,275	979,908	979,968	977,423	994,637	1,084,809	1,084,807	1,084,822	1,084,857	1,085,249	997,454	980,095	980,275
Lone / Inherit capacity	**315,722**	**319,299**	**306,223**	**310,604**	**328,448**	**189,271**	**158,557**	**171,087**	**102,903**	**255,595**	**357,828**	**296,238**	**309,394**	**319,357**	**361,561**	**302,476**	**287,310**	**207,403**	**184,393**	**190,596**	**212,647**	**264,834**	**362,351**	**298,226**	**313,842**	**320,957**	**340,121**	**303,742**	**192,573**	**219,605**	**184,805**	**195,476**	**213,866**	**266,077**	**368,139**	**306,139**
Supply Under Contract	393,999	393,999	393,999	393,999	444,377	444,377	444,377	444,377	444,377	393,999	369,374	369,374	369,374	369,374	369,374	369,374	369,374	324,811	375,189	375,189	375,189	375,189	324,811	98,803	98,803	98,803	98,803	98,803	98,803	149,181	149,181	149,181	149,181	98,803	50,378	50,378
Position	(270,187)	(266,670)	(187,203)	(230,923)	(311,994)	(452,159)	(481,688)	(469,393)	(447,947)	(347,641)	(252,863)	(314,863)	(301,140)	(291,187)	(236,468)	(367,357)	(422,318)	(502,135)	(525,240)	(519,123)	(497,413)	(405,618)	(518,911)	(583,252)	(567,263)	(559,168)	(538,498)	(562,093)	(585,654)	(715,621)	(709,649)	(746,197)	(722,202)	(632,574)	(561,556)	(623,758)

	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22
Pinellow Capacity - FGT/SGNG/Sabal	979,908	979,908	977,423	994,637	1,084,809	1,084,822	1,084,857	1,085,249	997,454	980,095	980,275	979,908	979,908	979,968	977,423	994,637	1,084,809	1,084,807	1,084,822	1,084,857	1,085,249	997,454	980,065	980,275
Current Term Sustnr	393,999	393,999	393,999	393,999	444,377	444,377	444,377	444,377	444,377	393,999	369,374	369,374	369,374	369,374	369,374	369,374	324,811	375,189	375,189	375,189	375,189	324,811	98,803	98,803
Daily Burns	664,186	660,669	581,200	684,031	756,361	896,536	926,265	913,770	892,324	741,859	622,237	684,037	670,514	660,571	595,862	692,167	797,499	877,324	900,429	894,311	872,602	730,620	617,714	682,055
Proposed Sustnr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Proposed Purchase	393,999	393,999	393,999	393,999	444,377	444,377	444,377	444,377	444,377	393,999	369,374	369,374	369,374	369,374	369,374	369,374	324,811	375,189	375,189	375,189	375,189	324,811	98,803	98,803
	(270,187)	(266,670)	(187,203)	(230,923)	(311,994)	(452,159)	(481,688)	(469,393)	(447,947)	(347,641)	(252,863)	(314,863)	(301,140)	(291,187)	(236,468)	(367,357)	(422,318)	(502,135)	(525,240)	(519,123)	(497,413)	(405,618)	(518,911)	(583,252)
Procurment Tenants	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Procurment Tenants	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Monthly Burns	20,589,754	18,498,720	18,017,204	20,520,915	23,447,195	26,886,084	28,714,228	28,326,883	26,769,727	22,997,641	18,667,098	21,205,151	20,785,923	18,496,987	18,471,725	20,765,025	24,722,464	26,319,725	27,913,288	27,723,640	26,178,064	22,649,235	18,531,427	21,143,704
Currently Sustnr	12,213,961	11,031,985	12,213,961	11,819,962	13,775,686	13,331,309	13,775,686	13,775,686	13,331,309	12,213,961	11,081,212	11,450,586	10,342,465	11,450,586	11,450,586	10,342,465	11,450,586	11,255,669	11,630,858	11,630,858	11,255,669	10,069,133	2,964,097	3,062,900
Proposed Sustnr	12,213,961	11,031,985	12,213,961	11,819,962	13,775,686	13,331,309	13,775,686	13,775,686	13,331,309	12,213,961	11,081,212	11,450,586	11,450,586	10,342,465	11,450,586	9,744,322	11,630,858	11,255,669	11,630,858	11,630,858	11,255,669	10,069,133	2,964,097	3,062,900
Open SESH	Jan-21 178,046	Feb-21 178,046	Mar-21 178,046	Apr-21 203,046	May-21 203,046	Jun-21 203,046	Jul-21 203,046	Aug-21 203,046	Sep-21 203,046	Oct-21 203,046	Nov-21 203,046	Dec-21 178,046	Jan-22 178,046	Feb-22 178,046	Mar-22 178,046	Apr-22 203,046	May-22 203,046	Jun-22 203,046	Jul-22 203,046	Aug-22 203,046	Sep-22 203,046	Oct-22 203,046	Nov-22 203,046	Dec-22 203,046
Open Transco MB South	187,877	187,877	187,877	187,877	187,877	187,877	187,877	187,877	187,877	187,877	187,877	187,877	187,877	187,877	187,877	207,877	207,877	207,877	207,877	207,877	207,877	207,877	207,877	257,877
Open Sabal	205,881	205,881	205,881	205,881	205,881	205,881	205,881	205,881	205,881	205,881	205,881	205,881	205,881	205,881	205,881	205,881	205,881	205,881	205,881	205,881	205,881	205,881	205,881	310,881
Total Open	571,803	571,803	571,803	596,803	596,803	596,803	596,803	596,803	596,803	596,803	596,803	596,803	571,803	571,803	571,803	616,803	616,803	616,803	616,803	616,803	616,803	616,803	771,803	771,803

SESH
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Transco 4A
Transco 4A
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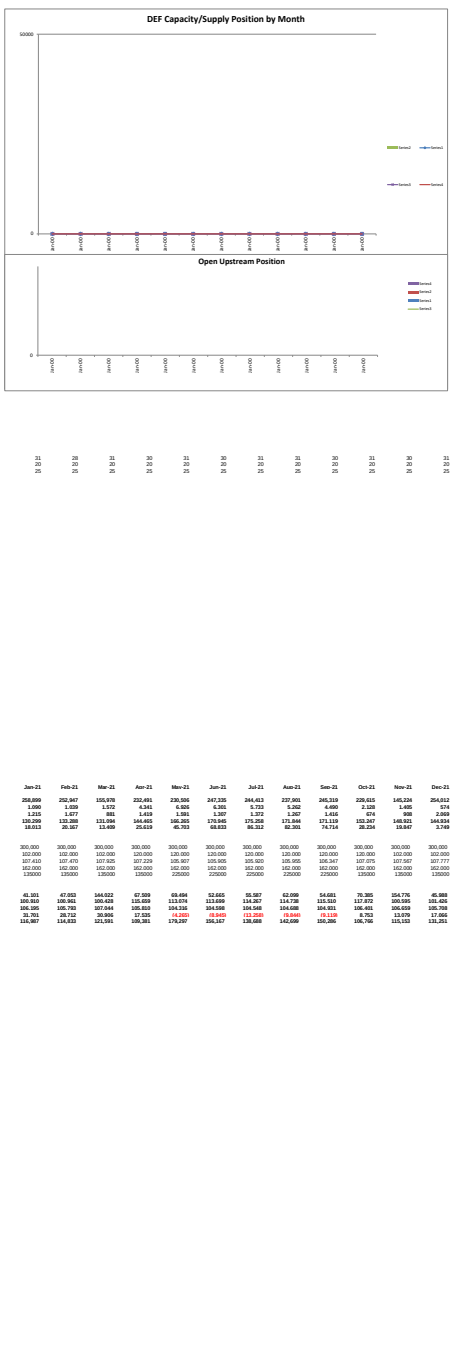
FGT 2122

FGT Markham Gulf Shore
FGT Sabine Pass
NGPL Vermilion
ANR St Landry
Col Gulf Lafayette

sesh ooen
transco ooen



DEF 2016 RFP, w/September FBR

Term	Current Procurement %	Proposed Procurement %	Target Procurment % - lower	Target Procurement % - upper
November 16 - October 17	#REF!	#REF!	75%	#REF!
November 17 - October 18	#REF!	#REF!	50%	75%
November 18 - October 19	#REF!	#REF!	25%	50%

Packages	Supply PT	Volume
November 17 - Oct 19	SESH	
April 19 - Oct 19	SESH	
April 17 - Oct 19	Transco 2&A	
November 17 - Oct 19	Transco 2&A	
November 17 - Oct 19	Transco 24	
April 19 - Oct 19	FGT21/22	

	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22
CC Dav	31	28	31	30	31	30	31	31	30	31	30	31	31	28	31	30	31	30	31	31	30	31	30	31
CT Day	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
Intercession/Vandolah Davs	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25

Burns	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23
CR	258,899	252,947	155,978	232,491	230,596	247,335	244,413	237,901	245,319	229,615	145,234	254,012	250,732	242,213	143,778	234,942	240,774	245,569	245,337	241,448	244,163	224,635	163,612	254,031	245,340	253,968	226,775	196,611	185,991	248,617	244,762	245,384	246,471	241,721	150,151	246,861
IC	1,090	1,039	1,572	4,341	6,926	6,391	5,733	5,262	6,490	2,126	1,495	574	1,768	1,282	1,861	3,309	5,494	5,441	6,701	5,588	5,687	3,727	1,795	1,797	1,727	1,487	5,905	2,798	4,587	5,433	6,478	6,461	4,968	3,829	1,785	2,836
Suwannee	1,215	1,477	881	1,419	1,591	1,307	1,372	1,267	1,416	674	988	2,069	1,573	2,498	1,316	1,574	1,206	1,258	1,493	1,502	1,212	649	1,661	2,485	1,904	2,622	929	683	1,167	1,272	1,478	1,340	1,172	869	1,062	2,541
Bartow	130,399	135,288	131,094	144,465	166,365	170,546	175,358	171,846	171,119	153,247	148,921	144,914	125,810	133,490	137,607	146,466	157,329	170,166	168,510	170,914	165,669	161,903	157,616	137,959	132,138	131,725	130,929	140,355	163,344	167,697	179,667	173,847	163,445	150,684	154,782	149,591
anclote	18,013	20,167	13,489	25,619	45,703	68,833	86,312	82,301	74,714	28,234	19,847	3,749	14,498	9,915	17,273	45,314	59,116	58,585	55,421	57,202	53,571	36,729	28,210	3,810	11,470	8,722	45,690	19,860	10,126	41,593	59,914	58,320	56,296	36,156	19,940	2,763
Capacity																																				
CR	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000
IC	102,000	102,000	102,000	120,000	120,000	120,000	120,000	120,000	120,000	120,000	102,000	102,000	102,000	102,000	102,000	120,000	120,000	120,000	120,000	120,000	120,000	120,000	102,000	102,000	102,000	102,000	102,000	120,000	120,000	120,000	120,000	120,000	120,000	102,000	102,000	102,000
Suwannee	107,410	107,470	107,925	107,229	105,867	105,905	105,920	105,955	106,347	107,075	107,587	107,777	107,410	107,470	107,925	107,229	105,867	105,905	105,920	105,955	106,347	107,075	107,587	107,777	107,410	107,470	107,925	107,229	105,867	105,905	105,920	105,955	106,347	107,075	107,587	107,777
Bartow	162,000	162,000	162,000	162,000	162,000	162,000	162,000	162,000	162,000	162,000	162,000	162,000	162,000	162,000	162,000	162,000	162,000	162,000	162,000	162,000	162,000	162,000	162,000	162,000	162,000	162,000	162,000	162,000	162,000	162,000	162,000	162,000	162,000	162,000	162,000	162,000
anclote	135000	135000	135000	135000	225000	225000	225000	225000	225000	135000	135000	135000	135000	135000	135000	135000	135000	225000	225000	225000	225000	135000	135000	135000	135000	135000	135000	135000	225000	225000	225000	225000	225000	135000	135000	135000
Position	

CONFIDENTIAL

DEF GAS TRANSPORTATION SCHEDULES

updated 8/28/19

FT CAPACITY (MMBTU/DAY)

FT DEMAND RATES ($/MMBTU)

Non Executed - Subject to Chance Estimates

	FGT FTS-1	FGT FTS-2	FGT FTS-3 Phase V	FGT FTS-3 Phase VI	PGS Lateral	Cypress Extension 6NG Cypress Elba Lndg	EGT FTS - 3 Phase VII	Citrus Bundled Term	FGT Total	GulfSt Hines	GulfSt Bartow	GulfSt Clipper	SGR FSS Storage	Bay Gas Storage	Bay Gas Storage	8400097 Transco MDQ	Transco Mkt Bndl South	Sabal Trail	Destin South	FGT FTS-1, 2 & 3	PGS Lateral	Cypress Ext Cap	Citrus Bundled	FGT 4 Main Bar	GulfSt & Sabal Trail FSS/FSS Destin	Transco Mkt Bndl South	Sunset	Total Storage	GulfSt & Sabal Trail All in Surch	Total Fixed Costs & SGR Storage	Total Fixed Costs & GSR Storage		
Jan-19	61,849	46,059	75,000	30,000			50,378	50,000	262,938	########			########	35,000	7,000	68,000	500,000	500,000	1,000,000	200,000	257,000	300,000												
Feb-19	61,909	46,059	75,000	30,000			50,378	50,000	262,988	########			########	35,000	7,000	68,000	500,000	500,000	1,000,000	200,000	257,000	300,000												
Mar-19	61,795	43,628	75,000	30,000			50,378	50,000	260,423	########			########	35,000	7,000	68,000	500,000	500,000	1,000,000	200,000	257,000	300,000												
Apr-19	59,131	45,506	75,000	30,000			50,378	50,000	259,637	########			########	35,000	7,000	68,000	500,000	500,000	1,000,000	200,000	257,000	300,000												
May-19	50,303	94,506	75,000	30,000			100,756	100,000	349,837	########			########	35,000	7,000	68,000	750,000	500,000	1,000,000	200,000	257,000	300,000												
Jun-19	50,301	94,506	75,000	30,000			100,756	100,000	349,837	########			########	35,000	7,000	68,000	750,000	500,000	1,000,000	200,000	257,000	300,000												
Jul-19	50,316	94,506	75,000	30,000			100,756	100,000	349,822	########			########	35,000	7,000	68,000	750,000	500,000	1,000,000	200,000	257,000	300,000												
Aug-19	50,351	94,506	75,000	30,000			100,756	100,000	349,857	########			########	35,000	7,000	68,000	750,000	500,000	1,000,000	200,000	257,000	300,000												
Sep-19	50,743	94,506	75,000	30,000			100,756	100,000	350,149	########			########	35,000	7,000	68,000	750,000	500,000	1,000,000	200,000	257,000	300,000												
Oct-19	50,050	57,404	75,000	30,000			50,378	50,000	262,454	########			########	35,000	7,000	68,000	500,000	500,000	1,000,000	200,000	257,000	300,000												
Nov-19	62,006	46,059	75,000	30,000			50,378	50,000	263,065	########			########	35,000	7,000	68,000	500,000	500,000	1,000,000	200,000	257,000	300,000												
Dec-19	62,216	46,059	75,000	30,000			50,378	50,000	263,275	########			########	35,000	7,000	68,000	500,000	500,000	1,000,000	200,000	257,000	300,000												
																															$7,506,737	$19,983,709	$27,490,446	$69,906,588	$0	$11,478,857	$107,480,894	$119,581,568	$159,775,000	$2,790,000	$282,052,295	$284,842,295	$284,842,295	
Jan-20	61,849	46,059	75,000	30,000			50,378	50,000	262,938	########			########	35,000	7,000	68,000	500,000	500,000	1,000,000	200,000	257,000	300,000												
Feb-20	61,909	46,059	75,000	30,000			50,378	50,000	262,988	########			########	35,000	7,000	68,000	500,000	500,000	1,000,000	200,000	257,000	300,000												
Mar-20	61,795	43,628	75,000	30,000			50,378	50,000	260,423	########			########	35,000	7,000	68,000	500,000	500,000	1,000,000	200,000	257,000	300,000												
Apr-20	59,131	45,506	75,000	30,000			50,378	50,000	259,637	########			########	35,000	7,000	68,000	500,000	500,000	1,000,000	200,000	257,000	300,000												
May-20	50,303	94,506	75,000	30,000			100,756	100,000	349,837	########			########	35,000	7,000	68,000	750,000	500,000	1,000,000	200,000	257,000	300,000												
Jun-20	50,301	94,506	75,000	30,000			100,756	100,000	349,837	########			########	35,000	7,000	68,000	750,000	500,000	1,000,000	200,000	257,000	300,000												
Jul-20	50,316	94,506	75,000	30,000			100,756	100,000	349,822	########			########	35,000	7,000	68,000	750,000	500,000	1,000,000	200,000	257,000	300,000												
Aug-20	50,351	94,506	75,000	30,000			100,756	100,000	349,857	########			########	35,000	7,000	68,000	750,000	500,000	1,000,000	200,000	257,000	300,000												
Sep-20	50,743	94,506	75,000	30,000			100,756	100,000	350,149	########			########	35,000	7,000	68,000	750,000	500,000	1,000,000	200,000	257,000	300,000												
Oct-20	50,050	57,404	75,000	30,000			50,378	50,000	262,454	########			########	35,000	7,000	68,000	500,000	500,000	1,000,000	200,000	257,000	300,000												
Nov-20	62,006	46,059	75,000	30,000			50,378	50,000	263,065	########			########	35,000	7,000	68,000	500,000	500,000	1,000,000	200,000	257,000	300,000												
Dec-20	62,216	46,059	75,000	30,000			50,378	50,000	263,275	########			########	35,000	7,000	68,000	500,000	500,000	1,000,000	200,000	257,000	300,000												
																															$7,506,737	$19,983,709	$27,490,446	$69,906,588	$0	$11,478,857	$107,480,894	$119,581,568	$159,775,000	$2,790,000	$282,052,295	$284,842,295	$284,842,295	
Jan-21	61,849	46,059	75,000	30,000			50,378	50,000	262,938	########			########	35,000	7,000	68,000	200,000	257,000	300,000																
Feb-21	61,909	46,059	75,000	30,000			50,378	50,000	262,988	########			########	35,000	7,000	68,000	200,000	257,000	300,000																
Mar-21	61,795	43,628	75,000	30,000			50,378	50,000	260,423	########			########	35,000	7,000	68,000	200,000	257,000	300,000																
Apr-21	59,131	45,506	75,000	30,000			50,378	50,000	259,637	########			########	35,000	7,000	68,000	200,000	257,000	300,000																
May-21	50,303	94,506	75,000	30,000			100,756	100,000	349,837	########			########	35,000	7,000	68,000	200,000	257,000	300,000																
Jun-21	50,301	94,506	75,000	30,000			100,756	100,000	349,837	########			########	35,000	7,000	68,000	200,000	257,000	300,000																
Jul-21	50,316	94,506	75,000	30,000			100,756	100,000	349,822	########			########	35,000	7,000	68,000	200,000	257,000	300,000																
Aug-21	50,351	94,506	75,000	30,000			100,756	100,000	349,857	########			########	35,000	7,000	68,000	200,000	257,000	300,000																
Sep-21	50,743	94,506	75,000	30,000			100,756	100,000	350,149	########			########	35,000	7,000	68,000	200,000	257,000	300,000																
Oct-21	50,050	57,404	75,000	30,000			50,378	50,000	262,454	########			########	35,000	7,000	68,000	200,000	257,000	300,000																
Nov-21	62,006	46,059	75,000	30,000			50,378	50,000	263,065	########			########	35,000	7,000	68,000	200,000	257,000	300,000																
Dec-21	62,216	46,059	75,000	30,000			50,378	50,000	263,275	########			########	35,000	7,000	68,000	200,000	257,000	300,000																
																															$7,506,737	$19,983,709	$27,490,446	$69,906,588	$0	$11,478,857	$107,480,894	$119,581,568	$159,775,000	$2,790,000	$282,052,295	$284,842,295	$284,842,295	
Jan-22	61,849	46,059	75,000	30,000			50,378	50,000	262,938	########			########	35,000	7,000	68,000	200,000	257,000	300,000																
Feb-22	61,909	46,059	75,000	30,000			50,378	50,000	262,988	########			########	35,000	7,000	68,000	200,000	257,000	300,000																
Mar-22	61,795	43,628	75,000	30,000			50,378	50,000	260,423	########			########	35,000	7,000	68,000	200,000	257,000	300,000																
Apr-22	59,131	45,506	75,000	30,000			50,378	50,000	259,637	########			########	35,000	7,000	68,000	200,000	257,000	300,000																
May-22	50,303	94,506	75,000	30,000			100,756	100,000	349,837	########			########	35,000	7,000	68,000	200,000	257,000	300,000																
Jun-22	50,301	94,506	75,000	30,000			100,756	100,000	349,837	########			########	35,000	7,000	68,000	200,000	257,000	300,000																
Jul-22	50,316	94,506	75,000	30,000			100,756	100,000	349,822	########			########	35,000	7,000	68,000	200,000	257,000	300,000																
Aug-22	50,351	94,506	75,000	30,000			100,756	100,000	349,857	########			########	35,000	7,000	68,000	200,000	257,000	300,000																
Sep-22	50,743	94,506	75,000	30,000			100,756	100,000	350,149	########			########	35,000	7,000	68,000	200,000	257,000	300,000																
Oct-22	50,050	57,404	75,000	30,000			50,378	50,000	262,454	########			########	35,000	7,000	68,000	200,000	257,000	300,000																
Nov-22	62,006	46,059	75,000	30,000			50,378	50,000	263,065	########			########	35,000	7,000	68,000	200,000	257,000	300,000																
Dec-22	62,216	46,059	75,000	30,000			50,378	50,000	263,275	########			########	35,000	7,000	68,000	200,000	257,000	300,000																
																															$7,506,737	$19,983,709	$27,490,446	$69,906,588	$0	$11,478,857	$107,480,894	$119,581,568	$159,775,000	$2,790,000	$282,052,295	$284,842,295	$284,842,295	
Jan-23	61,849	46,059	75,000	30,000			50,378	50,000	262,938	########			########	35,000	7,000	68,000	200,000	257,000	300,000																
Feb-23	61,909	46,059	75,000	30,000			50,378	50,000	262,988	########			########	35,000	7,000	68,000	200,000	257,000	300,000																
Mar-23	61,795	43,628	75,000	30,000			50,378	50,000	260,423	########			########	35,000	7,000	68,000	200,000	257,000	300,000																
Apr-23	59,131	45,506	75,000	30,000			50,378	50,000	259,637	########			########	35,000	7,000	68,000	200,000	257,000	300,000																
May-23	50,303	94,506	75,000	30,000			100,756	100,000	349,837	########			########	35,000	7,000	68,000	200,000	257,000	300,000																
Jun-23	50,301	94,506	75,000	30,000			100,756	100,000	349,837	########			########	35,000	7,000	68,000	200,000	257,000	300,000																
Jul-23	50,316	94,506	75,000	30,000			100,756	100,000	349,822	########			########	35,000	7,000	68,000	200,000	257,000	300,000																
Aug-23	50,351	94,506	75,000	30,000			100,756	100,000	349,857	########			########	35,000	7,000	68,000	200,000	257,000	300,000																
Sep-23	50,743	94,506	75,000	30,000			100,756	100,000	350,149	########			########	35,000	7,000	68,000	200,000	257,000	300,000																
Oct-23	50,050	57,404	75,000	30,000			50,378	50,000	262,454	########			########	35,000	7,000	68,000	200,000	257,000	300,000																
Nov-23	62,006	46,059	75,000	30,000			50,378	50,000	263,065	########			########	35,000	7,000	68,000	200,000	257,000	300,000																
Dec-23	62,216	46,059	75,000	30,000			50,378	50,000	263,275	########			########	35,000	7,000	68,000	200,000	257,000	300,000																
																															$7,506,737	$19,983,709	$27,490,446	$69,906,588	$0	$11,478,857	$107,480,894	$119,581,568	$159,775,000	$2,790,000	$282,052,295	$284,842,295	$284,842,295	
Jan-24	61,849	46,059	75,000	30,000			50,378	50,000	262,938	########			########	35,000	7,000	68,000	200,000	257,000	300,000																
Feb-24	61,909	46,059	75,000	30,000			50,378	50,000	262,988	########			########	35,000	7,000	68,000	200,000	257,000	300,000																
Mar-24	61,795	43,628	75,000	30,000			50,378	50,000	260,423	########			########	35,000	7,000	68,000	200,000	257,000	300,000																
Apr-24	59,131	45,506	75,000	30,000			50,378	50,000	259,637	########			########	35,000	7,000	68,000	200,000	257,000	300,000																
May-24	50,303	94,506	75,000	30,000			100,756	100,000	349,837	########			########	35,000	7,000	68,000	200,000	257,000	300,000																
Jun-24	50,301	94,506	75,000	30,000			100,756	100,000	349,837	########			########	35,000	7,000	68,000	200,000	257,000	300,000																
Jul-24	50,316	94,506	75,000	30,000			100,756	100,000	349,822	########			########	35,000	7,000	68,000	200,000	257,000	300,000																
Aug-24	50,351	94,506	75,000	30,000			100,756	100,000	349,857	########			########	35,000	7,000	68,000	200,000	257,000	300,000																
Sep-24	50,743	94,506	75,000	30,000			100,756	100,000	350,149	########			########	35,000	7,000	68,000	200,000	257,000	300,000																
Oct-24	50,050	57,404	75,000	30,000			50,378	50,000	262,454	########			########	35,000	7,000	68,000	200,000	257,000	300,000																
Nov-24	62,006	46,059	75,000	30,000			50,378	50,000	263,065	########			########	35,000	7,000	68,000	200,000	257,000	300,000																
Dec-24	62,216	46,059	75,000	30,000			50,378	50,000	263,275	########			########	35,000	7,000	68,000	200,000	257,000	300,000																
																															$7,506,737	$19,983,709	$27,490,446	$69,906,588	$0	$11,478,857	$107,480,894	$119,581,568	$159,775,000	$2,790,000	$282,052,295	$284,842,295	$284,842,295	
Jan-25	61,849	46,059	75,000	30,000			50,378	50,000	262,938	########			########	35,000	7,000	68,000	200,000	257,000	300,000																
Feb-25	61,909	46,059	75,000	30,000			50,378	50,000	262,988	########			########	35,000	7,000	68,000	200,000	257,000	300,000																
Mar-25	61,795	43,628	75,000	30,000			50,378	50,000	260,423	########			########	35,000	7,000	68,000	200,000	257,000	300,000																
Apr-25	59,131	45,506	75,000	30,000			50,378	50,000	259,637	########			########	35,000	7,000	68,000	200,000	257,000	300,000																
May-25	50,303	94,506	75,000	30,000			100,756	100,000	349,837	########			########	35,000	7,000	68,000	200,000	257,000	300,000																
Jun-25	50,301	94,506	75,000	30,000			100,756	100,000	349,837	########			########	35,000	7,000	68,000	200,000	257,000	300,000																
Jul-25	50,316	94,506	75,000	30,000			100,756	100,000	349,822	########			########	35,000	7,000	68,000	200,000	257,000	300,000																
Aug-25	50,351	94,506	75,000	30,000			100,756	100,000	349,857	########			########	35,000	7,000	68,000	200,000	257,000	300,000																
Sep-25	50,743	94,506	75,000	30,000			100,756	100,000	350,149	########			########	35,000	7,000	68,000	200,000	257,000	300,000																
Oct-25	50,050	57,404	75,000	30,000			50,378	50,000	262,454	########			########	35,000	7,000	68,000	200,000	257,000	300,000																
Nov-25	62,006	46,059	75,000	30,000			50,378	50,000	263,065	########			########	35,000	7,000	68,000	200,000	257,000	300,000																
Dec-25	62,216	46,059	75,000	30,000			50,378	50,000	263,275	########			########	35,000	7,000	68,000	200,000	257,000	300,000																
																															$7,506,737	$19,983,709	$27,490,446	$69,906,588	$0	$11,478,857	$107,480,894	$119,581,568	$159,775,000	$2,790,000	$282,052,295	$284,842,295	$284,842,295	
Jan-26	61,849	46,059	75,000	30,000			50,378	50,000	262,938	########			########	35,000	7,000	68,000	200,000	257,000	300,000																
Feb-26	61,909	46,059	75,000	30,000			50,378	50,000	262,988	########			########	35,000	7,000	68,000	200,000	257,000	300,000																
Mar-26	61,795	43,628	75,000	30,000			50,378	50,000	260,423	########			########	35,000	7,000	68,000	200,000	257,000	300,000																
Apr-26	59,131	45,506	75,000	30,000			50,378	50,000	259,637	########			########	35,000	7,000	68,000	200,000	257,000	300,000																
May-26	50,303	94,506	75,000	30,000			100,756	100,000	349,837	########			########	35,000	7,000	68,000	200,000	257,000	300,000																
Jun-26	50,301	94,506	75,000	30,000			100,756	100,000	349,837	########			########	35,000	7,000	68,000	200,000	257,000	300,000																
Jul-26	50,316	94,506	75,000	30,000			100,756	100,000	349,822	########			########	35,000	7,000	68,000	200,000	257,000	300,000																
Aug-26	50,351	94,506	75,000	30,000			100,756	100,000	349,857	########			########	35,000	7,000	68,000	200,000	257,000	300,000																
Sep-26	50,743	94,506	75,000	30,000			100,756	100,000	350,149	########			########	35,000	7,000	68,000	200,000	257,000	300,000																
Oct-26	50,050	57,404	75,000	30,000			50,378	50,000	262,454	########			########	35,000	7,000	68,000	200,000	257,000	300,000																
Nov-26	62,006	46,059	75,000	30,000			50,378	50,000	263,065	########			########	35,000	7,000	68,000	200,000	257,000	300,000																
Dec-26	62,216	46,059	75,000	30,000			50,378	50,000	263,275	########			########	35,000	7,000	68,000	200,000	257,000	300,000																
																															$7,506,737	$19,983,709	$27,490,446	$69,906,588	$0	$11,478,857	$107,480,894	$119,581,568	$159,775,000	$2,790,000	$282,052,295	$284,842,295	$284,842,295	
Jan-27	61,849	46,059	75,000	30,000			50,378	50,000	262,938	########			########	35,000	7,000	68,000	200,000	257,000	300,000																
Feb-27	61,909	46,059	75,000	30,000			50,378	50,000	262,988	########			########	35,000	7,000	68,000	200,000	257,000	300,000																
Mar-27	61,795	43,628	75,000	30,000			50,378	50,000	260,423	########			########	35,000	7,000	68,000	200,000	257,000	300,000																
Apr-27	59,131	45,506	75,000	30,000			50,378	50,000	259,637	########			########	35,000	7,000	68,000	200,000	257,000	300,000																
May-27	50,303	94,506	75,000	30,000			100,756	100,000	349,837	########			########	35,000	7,000	68,000	200,000	257,000	300,000																
Jun-27	50,301	94,506	75,000	30,000			100,756	100,000	349,837	########			########	35,000	7,000	68,000	200,000	257,000	300,000																
Jul-27	50,316	94,506	75,000	30,000			100,756	100,000	349,822	########			########	35,000	7,000	68,000	200,000	257,000	300,000																
Aug-27	50,351	94,506	75,000	30,000			100,756	100,000	349,857	########			########	35,000	7,000	68,000	200,000	257,000	300,000																
Sep-27	50,743	94,506	75,000	30,000			100,756	100,000	350,149	########			########	35,000	7,000	68,000	200,000	257,000	300,000																
Oct-27	50,050	57,404	75,000	30,000			50,378	50,000	262,454	########			########	35,000	7,000	68,000	200,000	257,000	300,000																
Nov-27	62,006	46,059	75,000	30,000			50,378	50,000	263,065	########			########	35,000	7,000	68,000	200,000	257,000	300,000																
Dec-27	62,216	46,059	75,000	30,000			50,378	50,000	263,275	########			########	35,000	7,000	68,000	200,000	257,000	300,000																
																															$7,506,737	$19,983,709	$27,490,446	$69,906,588	$0	$11,478,857	$107,480,894	$119,581,568	$159,775,000	$2,790,000	$282,052,295	$284,842,295	$284,842,295	
Jan-28	61,849	46,059	75,000	30,000			50,378	50,000	262,938	########			########	35,000	7,000	68,000	200,000	257,000	300,000																
Feb-28	61,909	46,059	75,000	30,000			50,378	50,000	262,988	########			########	35,000	7,000	68,000	200,000	257,000	300,000																
Mar-28	61,795	43,628	75,000	30,000			50,378	50,000	260,423	########			########	35,000	7,000	68,000	200,000	257,000	300,000																
Apr-28	59,131	45,506	75,000	30,000			50,378	50,000	259,637	########			########	35,000	7,000	68,000	200,000	257,000	300,000																
May-28	50,303	94,506	75,000	30,000			100,756	100,000	349,837	########			########	35,000	7,000	68,000	200,000	257,000	300,000																
Jun-28	50,301	94,506	75,000	30,000			100,756	100,000	349,837	########			########	35,000	7,000	68,000	200,000	257,000	300,000																
Jul-28	50,316	94,506	75,000	30,000			100,756	100,000	349,822	########			########	35,000	7,000	68,000	200,000	257,000	300,000																
Aug-28	50,351	94,506	75,000	30,000			100,756	100,000	349,857	########			########	35,000	7,000	68,000	200,000	257,000	300,000																
Sep-28	50,743	94,506	75,000	30,000			100,756	100,000	350,149	########			########	35,000	7,000	68,000	200,000	257,000	300,000																
Oct-28	50,050	57,404	75,000	30,000			50,378	50,000	262,454	########			########	35,000	7,000	68,000	200,000	257,000	300,000																
Nov-28	62,006	46,059	75,000	30,000			50,378	50,000	263,065	########			########	35,000	7,000	68,000	200,000	257,000	300,000																
Dec-28	62,216	46,059	75,000	30,000			50,378	50,000	263,275	########			########	35,000	7,000	68,000	200,000	257,000	300,000																
																															$7,506,737	$19,983,709	$27,490,446	$69,906

CONFIDENTIAL

DEF NATURAL GAS DISPATCH PRICES

Month	Year	Base HH Regular Supply Cost	Physical Basis FGT Z3	Base Cost Regular Supply Z3	Cypress MMBTU Variable Cost	Cypress Variable MMBTU Delivered Costs
Jan	2019	3.110	$ (0.046)	$ 3.064	$0.12	3.19
Feb	2019	2.690	$ (0.019)	$ 2.671	$0.12	2.79
Mar	2019	2.950	$ (0.003)	$ 2.947	$0.12	3.07
Apr	2019	2.650	$ (0.001)	$ 2.649	$0.12	2.77
May	2019	2.640	$ 0.005	$ 2.645	$0.12	2.76
Jun	2019	2.400	$ 0.037	$ 2.437	$0.12	2.55
Jul	2019	2.370	$ 0.048	$ 2.418	$0.12	2.53
Aug	2019	2.220	$ 0.056	$ 2.276	$0.11	2.39
Sep	2019	2.560	$ 0.016	$ 2.576	$0.12	2.69
Oct	2019	2.743	$ 0.010	$ 2.753	$0.12	2.87
Nov	2019	2.303	$ 0.012	$ 2.315	$0.11	2.43
Dec	2019	2.495	$ 0.023	$ 2.518	$0.12	2.63
Jan	2020	2.612	$ 0.035	$ 2.647	$0.12	2.77
Feb	2020	2.575	$ 0.024	$ 2.599	$0.12	2.72
Mar	2020	2.462	$ (0.020)	$ 2.442	$0.12	2.56
Apr	2020	2.247	$ (0.019)	$ 2.228	$0.11	2.34
May	2020	2.234	$ 0.005	$ 2.239	$0.11	2.35
Jun	2020	2.278	$ 0.026	$ 2.304	$0.11	2.42
Jul	2020	2.326	$ 0.048	$ 2.374	$0.11	2.49
Aug	2020	2.335	$ 0.055	$ 2.390	$0.11	2.50
Sep	2020	2.318	$ 0.012	$ 2.330	$0.11	2.44
Oct	2020	2.344	$ 0.016	$ 2.360	$0.11	2.47
Nov	2020	2.409	$ 0.025	$ 2.434	$0.12	2.55
Dec	2020	2.578	$ 0.034	$ 2.612	$0.12	2.73
Jan	2021	2.700	$ 0.038	$ 2.738	$0.12	2.86
Feb	2021	2.661	$ 0.033	$ 2.694	$0.12	2.81
Mar	2021	2.548	$ (0.015)	$ 2.533	$0.12	2.65
Apr	2021	2.284	$ (0.021)	$ 2.263	$0.11	2.38
May	2021	2.380	$ 0.005	$ 2.285	$0.11	2.38
Jun	2021	2.294	$ 0.025	$ 2.319	$0.11	2.43
Jul	2021	2.332	$ 0.047	$ 2.379	$0.11	2.49
Aug	2021	2.339	$ 0.058	$ 2.397	$0.11	2.51
Sep	2021	2.328	$ 0.011	$ 2.339	$0.11	2.45
Oct	2021	2.354	$ 0.018	$ 2.372	$0.11	2.49
Nov	2021	2.424	$ 0.027	$ 2.451	$0.12	2.57
Dec	2021	2.603	$ 0.038	$ 2.641	$0.12	2.76
Jan	2022	2.729	$ 0.041	$ 2.770	$0.12	2.89
Feb	2022	2.702	$ 0.036	$ 2.738	$0.12	2.86
Mar	2022	2.595	$ (0.013)	$ 2.582	$0.12	2.70
Apr	2022	2.340	$ (0.016)	$ 2.324	$0.11	2.44
May	2022	2.324	$ 0.007	$ 2.331	$0.11	2.45
Jun	2022	2.359	$ 0.034	$ 2.393	$0.11	2.51
Jul	2022	2.399	$ 0.059	$ 2.458	$0.12	2.57
Aug	2022	2.411	$ 0.066	$ 2.477	$0.12	2.59
Sep	2022	2.404	$ 0.021	$ 2.425	$0.12	2.54
Oct	2022	2.430	$ 0.024	$ 2.454	$0.12	2.57
Nov	2022	2.492	$ 0.034	$ 2.526	$0.12	2.64
Dec	2022	2.674	$ 0.044	$ 2.718	$0.12	2.84
Jan	2023	2.799	$ 0.052	$ 2.851	$0.12	2.97
Feb	2023	2.767	$ 0.047	$ 2.814	$0.12	2.93
Mar	2023	2.656	$ (0.003)	$ 2.653	$0.12	2.77
Apr	2023	2.401	$ (0.008)	$ 2.393	$0.11	2.51
May	2023	2.385	$ 0.016	$ 2.401	$0.11	2.52
Jun	2023	2.426	$ 0.042	$ 2.468	$0.12	2.58
Jul	2023	2.466	$ 0.068	$ 2.534	$0.12	2.65
Aug	2023	2.481	$ 0.076	$ 2.557	$0.12	2.67
Sep	2023	2.476	$ 0.029	$ 2.505	$0.12	2.62
Oct	2023	2.505	$ 0.030	$ 2.535	$0.12	2.65
Nov	2023	2.580	$ 0.037	$ 2.617	$0.12	2.73
Dec	2023	2.760	$ 0.053	$ 2.813	$0.12	2.93
Jan	2024	2.883	$ 0.058	$ 2.941	$0.12	3.06
Feb	2024	2.854	$ 0.050	$ 2.903	$0.12	3.02
Mar	2024	2.742	$ (0.002)	$ 2.740	$0.12	2.86
Apr	2024	2.511	$ (0.007)	$ 2.503	$0.12	2.62
May	2024	2.501	$ 0.017	$ 2.519	$0.12	2.64
Jun	2024	2.537	$ 0.046	$ 2.583	$0.12	2.70
Jul	2024	2.579	$ 0.077	$ 2.656	$0.12	2.77
Aug	2024	2.594	$ 0.077	$ 2.671	$0.12	2.79
Sep	2024	2.590	$ 0.047	$ 2.636	$0.12	2.75
Oct	2024	2.611	$ 0.040	$ 2.651	$0.12	2.77
Nov	2024	2.687	$ 0.044	$ 2.731	$0.12	2.85
Dec	2024	2.860	$ 0.056	$ 2.916	$0.12	3.04
Jan	2025	2.961	$ 0.061	$ 3.022	$0.12	3.15
Feb	2025	2.947	$ 0.055	$ 3.003	$0.12	3.13
Mar	2025	2.864	$ (0.001)	$ 2.863	$0.12	2.98
Apr	2025	2.666	$ (0.011)	$ 2.677	$0.12	2.80
May	2025	2.692	$ 0.016	$ 2.707	$0.12	2.83
Jun	2025	2.727	$ 0.054	$ 2.781	$0.12	2.90
Jul	2025	2.807	$ 0.078	$ 2.886	$0.12	3.01
Aug	2025	2.831	$ 0.078	$ 2.908	$0.12	3.03
Sep	2025	2.739	$ 0.045	$ 2.784	$0.12	2.90
Oct	2025	2.754	$ 0.035	$ 2.789	$0.12	2.91
Nov	2025	2.829	$ 0.036	$ 2.865	$0.12	2.99
Dec	2025	2.987	$ 0.051	$ 3.038	$0.12	3.16
Jan	2026	3.084	$ 0.057	$ 3.140	$0.12	3.26
Feb	2026	3.076	$ 0.053	$ 3.129	$0.12	3.25
Mar	2026	2.994	$ (0.003)	$ 2.991	$0.12	3.11
Apr	2026	2.857	$ (0.001)	$ 2.856	$0.12	2.98
May	2026	2.868	$ 0.022	$ 2.890	$0.12	3.01
Jun	2026	2.914	$ 0.053	$ 2.967	$0.12	3.09
Jul	2026	3.053	$ 0.077	$ 3.130	$0.12	3.25
Aug	2026	3.085	$ 0.078	$ 3.163	$0.12	3.29
Sep	2026	3.022	$ 0.041	$ 3.063	$0.12	3.19
Oct	2026	3.013	$ 0.034	$ 3.047	$0.12	3.17
Nov	2026	3.078	$ 0.042	$ 3.120	$0.12	3.24
Dec	2026	3.243	$ 0.054	$ 3.297	$0.13	3.42
Jan	2027	3.321	$ 0.062	$ 3.383	$0.13	3.51
Feb	2027	3.333	$ 0.057	$ 3.390	$0.13	3.52
Mar	2027	3.278	$ (0.002)	$ 3.276	$0.13	3.40
Apr	2027	3.125	$ (0.002)	$ 3.123	$0.12	3.25
May	2027	3.145	$ 0.021	$ 3.166	$0.12	3.29
Jun	2027	3.207	$ 0.051	$ 3.258	$0.13	3.38
Jul	2027	3.410	$ 0.079	$ 3.489	$0.13	3.62
Aug	2027	3.447	$ 0.082	$ 3.529	$0.13	3.66
Sep	2027	3.434	$ 0.043	$ 3.477	$0.13	3.61
Oct	2027	3.325	$ 0.038	$ 3.364	$0.13	3.49
Nov	2027	3.393	$ 0.043	$ 3.435	$0.13	3.56
Dec	2027	3.568	$ 0.054	$ 3.622	$0.13	3.75
Jan	2028	3.556	$ 0.063	$ 3.618	$0.13	3.75
Feb	2028	3.576	$ 0.047	$ 3.623	$0.13	3.75
Mar	2028	3.501	$ (0.002)	$ 3.498	$0.13	3.63
Apr	2028	3.454	$ (0.006)	$ 3.448	$0.13	3.58
May	2028	3.483	$ 0.024	$ 3.506	$0.13	3.64
Jun	2028	3.644	$ 0.059	$ 3.703	$0.13	3.83
Jul	2028	3.656	$ 0.091	$ 3.747	$0.13	3.88
Aug	2028	3.698	$ 0.089	$ 3.788	$0.13	3.92
Sep	2028	3.748	$ 0.048	$ 3.795	$0.13	3.93
Oct	2028	3.729	$ 0.044	$ 3.772	$0.13	3.90
Nov	2028	3.780	$ 0.046	$ 3.826	$0.13	3.96
Dec	2028	4.008	$ 0.054	$ 4.062	$0.14	4.20
Jan	2029	4.026	$ 0.075	$ 4.102	$0.14	4.24
Feb	2029	4.051	$ 0.068	$ 4.120	$0.14	4.26
Mar	2029	3.868	$ 0.007	$ 3.873	$0.13	4.01
Apr	2029	3.878	$ 0.002	$ 3.880	$0.13	4.01
May	2029	3.934	$ 0.027	$ 3.961	$0.14	4.10
Jun	2029	4.041	$ 0.062	$ 4.102	$0.14	4.24
Jul	2029	3.805	$ 0.091	$ 3.896	$0.13	4.03
Aug	2029	3.833	$ 0.098	$ 3.931	$0.13	4.07
Sep	2029	3.935	$ 0.053	$ 3.988	$0.14	4.12
Oct	2029	3.926	$ 0.040	$ 3.967	$0.14	4.10
Nov	2029	3.843	$ 0.063	$ 3.906	$0.13	4.04
Dec	2029	4.020	$ 0.062	$ 4.083	$0.14	4.22
Jan	2030	4.004	$ 0.075	$ 4.079	$0.14	4.22
Feb	2030	4.029	$ 0.069	$ 4.098	$0.14	4.24
Mar	2030	3.934	$ 0.004	$ 3.937	$0.14	4.07
Apr	2030	3.906	$ (0.008)	$ 3.898	$0.13	4.03
May	2030	3.929	$ 0.029	$ 3.959	$0.14	4.09
Jun	2030	3.994	$ 0.069	$ 4.062	$0.14	4.20
Jul	2030	4.277	$ 0.104	$ 4.380	$0.14	4.52
Aug	2030	4.308	$ 0.113	$ 4.421	$0.14	4.56
Sep	2030	4.245	$ 0.056	$ 4.301	$0.14	4.44
Oct	2030	4.053	$ 0.053	$ 4.106	$0.14	4.24
Nov	2030	3.979	$ 0.056	$ 4.035	$0.14	4.17
Dec	2030	4.172	$ 0.064	$ 4.237	$0.14	4.38
Jan	2031	4.225	$ 0.098	$ 4.322	$0.14	4.46
Feb	2031	4.251	$ 0.092	$ 4.344	$0.14	4.48
Mar	2031	4.167	$ 0.019	$ 4.187	$0.14	4.33
Apr	2031	4.117	$ 0.000	$ 4.132	$0.14	4.27
May	2031	4.158	$ 0.055	$ 4.213	$0.14	4.35
Jun	2031	4.214	$ 0.082	$ 4.296	$0.14	4.44
Jul	2031	4.499	$ 0.116	$ 4.615	$0.14	4.76
Aug	2031	4.544	$ 0.139	$ 4.683	$0.14	4.83
Sep	2031	4.460	$ 0.086	$ 4.546	$0.14	4.69
Oct	2031	4.191	$ 0.082	$ 4.403	$0.14	4.54
Nov	2031	4.381	$ 0.066	$ 4.447	$0.14	4.59
Dec	2031	4.533	$ 0.082	$ 4.615	$0.14	4.76
Jan	2032	4.448	$ 0.106	$ 4.554	$0.14	4.70
Feb	2032	4.472	$ 0.077	$ 4.549	$0.14	4.69
Mar	2032	4.455	$ 0.050	$ 4.504	$0.14	4.65
Apr	2032	4.318	$ 0.026	$ 4.344	$0.14	4.48
May	2032	4.342	$ 0.069	$ 4.411	$0.14	4.55
Jun	2032	4.369	$ 0.095	$ 4.464	$0.14	4.61
Jul	2032	4.491	$ 0.136	$ 4.628	$0.14	4.77
Aug	2032	4.530	$ 0.159	$ 4.689	$0.14	4.83
Sep	2032	4.464	$ 0.091	$ 4.555	$0.14	4.70
Oct	2032	4.435	$ 0.088	$ 4.524	$0.14	4.67
Nov	2032	4.539	$ 0.053	$ 4.592	$0.14	4.74
Dec	2032	4.550	$ 0.072	$ 4.622	$0.14	4.77
Jan	2033	4.352	$ 0.093	$ 4.444	$0.14	4.57
Feb	2033	4.361	$ 0.091	$ 4.452	$0.14	4.59
Mar	2033	4.319	$ 0.022	$ 4.340	$0.14	4.48
Apr	2033	4.317	$ 0.016	$ 4.333	$0.14	4.47
May	2033	4.345	$ 0.032	$ 4.377	$0.14	4.52
Jun	2033	4.376	$ 0.080	$ 4.456	$0.14	4.60
Jul	2033	4.510	$ 0.119	$ 4.629	$0.14	4.77
Aug	2033	4.549	$ 0.127	$ 4.677	$0.14	4.82
Sep	2033	4.490	$ 0.068	$ 4.558	$0.14	4.70
Oct	2033	4.448	$ 0.053	$ 4.501	$0.14	4.64
Nov	2033	4.579	$ 0.033	$ 4.612	$0.14	4.76
Dec	2033	4.739	$ 0.047	$ 4.787	$0.15	4.93
Jan	2034	4.726	$ 0.080	$ 4.806	$0.15	4.95
Feb	2034	4.595	$ 0.056	$ 4.645	$0.14	4.79
Mar	2034	4.457	$ (0.008)	$ 4.450	$0.14	4.59
Apr	2034	4.404	$ 0.009	$ 4.413	$0.14	4.55
May	2034	4.433	$ 0.039	$ 4.472	$0.14	4.61
Jun	2034	4.462	$ 0.084	$ 4.546	$0.14	4.69
Jul	2034	4.676	$ 0.125	$ 4.801	$0.15	4.95
Aug	2034	4.712	$ 0.144	$ 4.856	$0.15	5.00
Sep	2034	4.623	$ 0.074	$ 4.697	$0.14	4.84
Oct	2034	4.509	$ 0.049	$ 4.558	$0.14	4.70
Nov	2034	4.704	$ 0.034	$ 4.738	$0.15	4.88
Dec	2034	4.869	$ 0.055	$ 4.924	$0.15	5.07
Jan	2035	4.897	$ 0.086	$ 4.983	$0.15	5.13
Feb	2035	4.922	$ 0.065	$ 4.987	$0.15	5.14
Mar	2035	4.772	$ 0.018	$ 4.791	$0.15	4.94
Apr	2035	4.557	$ 0.023	$ 4.580	$0.14	4.72
May	2035	4.585	$ 0.046	$ 4.632	$0.14	4.78
Jun	2035	4.615	$ 0.091	$ 4.706	$0.15	4.85
Jul	2035	4.853	$ 0.130	$ 4.983	$0.15	5.13
Aug	2035	4.884	$ 0.147	$ 5.031	$0.15	5.18
Sep	2035	4.802	$ 0.075	$ 4.877	$0.15	5.02
Oct	2035	4.679	$ 0.048	$ 4.727	$0.15	4.87
Nov	2035	4.719	$ 0.033	$ 4.752	$0.15	4.90
Dec	2035	4.950	$ 0.058	$ 4.908	$0.15	5.06
Jan	2036	4.798	$ 0.093	$ 4.891	$0.15	5.04
Feb	2036	4.819	$ 0.034	$ 4.853	$0.15	5.00
Mar	2036	4.738	$ 0.020	$ 4.758	$0.15	4.90
Apr	2036	4.553	$ 0.023	$ 4.575	$0.14	4.72
May	2036	4.581	$ 0.049	$ 4.631	$0.14	4.78
Jun	2036	4.615	$ 0.096	$ 4.711	$0.15	4.86
Jul	2036	4.751	$ 0.135	$ 4.886	$0.15	5.03
Aug	2036	4.785	$ 0.150	$ 4.935	$0.15	5.08
Sep	2036	4.762	$ 0.089	$ 4.851	$0.15	5.00
Oct	2036	4.730	$ 0.076	$ 4.806	$0.15	4.95
Nov	2036	4.794	$ 0.051	$ 4.845	$0.15	4.99
Dec	2036	5.013	$ 0.064	$ 5.077	$0.15	5.23
Jan	2037	5.030	$ 0.105	$ 5.135	$0.15	5.29
Feb	2037	5.061	$ 0.081	$ 5.143	$0.15	5.29
Mar	2037	4.986	$ 0.024	$ 5.011	$0.15	5.16
Apr	2037	4.842	$ 0.021	$ 4.863	$0.15	5.01
May	2037	4.872	$ 0.055	$ 4.927	$0.15	5.07
Jun	2037	4.921	$ 0.111	$ 5.032	$0.15	5.18
Jul	2037	5.132	$ 0.147	$ 5.279	$0.15	5.43
Aug	2037	5.166	$ 0.147	$ 5.312	$0.15	5.47
Sep	2037	5.085	$ 0.096	$ 5.190	$0.15	5.34
Oct	2037	5.039	$ 0.074	$ 5.113	$0.15	5.26
Nov	2037	5.103	$ 0.052	$ 5.155	$0.15	5.31
Dec	2037	5.316	$ 0.078	$ 5.394	$0.15	5.55
Jan	2038	5.338	$ 0.111	$ 5.449	$0.15	5.60
Feb	2038	5.371	$ 0.088	$ 5.459	$0.15	5.61
Mar	2038	5.288	$ 0.026	$ 5.314	$0.15	5.47
Apr	2038	5.108	$ 0.044	$ 5.152	$0.15	5.30
May	2038	5.139	$ 0.060	$ 5.199	$0.15	5.35
Jun	2038	5.176	$ 0.118	$ 5.294	$0.15	5.45
Jul	2038	5.323	$ 0.152	$ 5.475	$0.16	5.63
Aug	2038	5.361	$ 0.145	$ 5.506	$0.16	5.66
Sep	2038	5.240	$ 0.104	$ 5.344	$0.15	5.50
Oct	2038	5.187	$ 0.064	$ 5.251	$0.15	5.40
Nov	2038	5.273	$ 0.073	$ 5.347	$0.15	5.50
Dec	2038	5.462	$ 0.100	$ 5.562	$0.16	5.72
Jan	2039	5.479	$ 0.119	$ 5.598	$0.16	5.75
Feb	2039	5.513	$ 0.101	$ 5.614	$0.16	5.77
Mar	2039	5.381	$ 0.032	$ 5.413	$0.15	5.57
Apr	2039	5.036	$ 0.041	$ 5.077	$0.15	5.23
May	2039	5.065	$ 0.052	$ 5.117	$0.15	5.27
Jun	2039	5.097	$ 0.115	$ 5.212	$0.15	5.36
Jul	2039	5.149	$ 0.129	$ 5.277	$0.15	5.43
Aug	2039	5.594	$ 0.145	$ 5.740	$0.16	5.90
Sep	2039	5.570	$ 0.088	$ 5.658	$0.16	5.82
Oct	2039	5.363	$ 0.081	$ 5.444	$0.16	5.60
Nov	2039	5.454	$ 0.063	$ 5.487	$0.16	5.64
Dec	2039	5.590	$ 0.087	$ 5.677	$0.16	5.83
Jan	2040	5.550	$ 0.098	$ 5.648	$0.16	5.81
Feb	2040	5.576	$ 0.061	$ 5.640	$0.16	5.80
Mar	2040	5.488	$ 0.033	$ 5.521	$0.16	5.68
Apr	2040	5.306	$ 0.013	$ 5.320	$0.15	5.47
May	2040	5.337	$ 0.058	$ 5.395	$0.15	5.55
Jun	2040	5.383	$ 0.108	$ 5.490	$0.16	5.65
Jul	2040	5.580	$ 0.144	$ 5.724	$0.16	5.88
Aug	2040	5.614	$ 0.155	$ 5.768	$0.16	5.93
Sep	2040	5.602	$ 0.098	$ 5.701	$0.16	5.86
Oct	2040	5.477	$ 0.066	$ 5.543	$0.16	5.72
Nov	2040	5.535	$ 0.069	$ 5.604	$0.16	5.76
Dec	2040	5.778	$ 0.061	$ 5.839	$0.16	6.00
Jan	2041	5.766	$ 0.113	$ 5.879	$0.16	6.04
Feb	2041	5.788	$ 0.083	$ 5.871	$0.16	6.03
Mar	2041	5.665	$ 0.037	$ 5.702	$0.16	5.86
Apr	2041	5.459	$ 0.048	$ 5.506	$0.16	5.66
May	2041	5.492	$ 0.061	$ 5.553	$0.16	5.71
Jun	2041	5.551	$ 0.124	$ 5.674	$0.16	5.83
Jul	2041	5.794	$ 0.166	$ 5.961	$0.16	6.12
Aug	2041	5.829	$ 0.158	$ 5.987	$0.16	6.15
Sep	2041	5.731	$ 0.116	$ 5.847	$0.16	6.11
Oct	2041	5.639	$ 0.061	$ 5.700	$0.16	5.86
Nov	2041	5.743	$ 0.077	$ 5.820	$0.16	5.98
Dec	2041	5.904	$ 0.127	$ 6.033	$0.16	6.20
Jan	2042	5.890	$ 0.120	$ 6.010	$0.16	6.17
Feb	2042	5.914	$ 0.089	$ 6.003	$0.16	6.17
Mar	2042	5.789	$ 0.033	$ 5.822	$0.16	5.98
Apr	2042	5.627	$ 0.045	$ 5.672	$0.16	5.83
May	2042	5.662	$ 0.063	$ 5.725	$0.16	5.88
Jun	2042	5.717	$ 0.134	$ 5.851	$0.16	6.01
Jul	2042	6.009	$ 0.168	$ 6.176	$0.16	6.34
Aug	2042	6.046	$ 0.171	$ 6.217	$0.16	6.38
Sep	2042	6.026	$ 0.120	$ 6.147	$0.16	6.31
Oct	2042	5.920	$ 0.080	$ 5.900	$0.16	6.06
Nov	2042	5.852	$ 0.075	$ 5.927	$0.16	6.09
Dec	2042	6.027	$ 0.102	$ 6.139	$0.16	6.30
Jan	2043	6.007	$ 0.105	$ 6.112	$0.16	6.28
Feb	2043	6.026	$ 0.058	$ 6.085	$0.16	6.25
Mar	2043	5.909	$ 0.035	$ 5.944	$0.16	6.11
Apr	2043	5.704	$ 0.028	$ 5.732	$0.16	5.89
May	2043	5.739	$ 0.050	$ 5.789	$0.16	5.95
Jun	2043	5.782	$ 0.106	$ 5.888	$0.16	6.05
Jul	2043	6.064	$ 0.164	$ 6.229	$0.17	6.39
Aug	2043	6.101	$ 0.156	$ 6.257	$0.17	6.42
Sep	2043	6.120	$ 0.091	$ 6.211	$0.16	6.38
Oct	2043	5.997	$ 0.077	$ 5.969	$0.16	6.13
Nov	2043	5.943	$ 0.066	$ 6.010	$0.16	6.17
Dec	2043	6.136	$ 0.097	$ 6.233	$0.17	6.40
Jan	2044	6.192	$ 0.059	$ 6.251	$0.17	6.42
Feb	2044	6.179	$ 0.059	$ 6.238	$0.17	6.40
Mar	2044	6.050	$ 0.025	$ 6.075	$0.16	6.24
Apr	2044	5.974	$ 0.029	$ 5.968	$0.16	6.13
May	2044	5.974	$ 0.040	$ 6.013	$0.16	6.18
Jun	2044	6.010	$ 0.105	$ 6.115	$0.16	6.28
Jul	2044	6.286	$ 0.160	$ 6.446	$0.17	6.61
Aug	2044	6.324	$ 0.152	$ 6.486	$0.17	6.65
Sep	2044	6.312	$ 0.080	$ 6.393	$0.17	6.56
Oct	2044	6.153	$ 0.045	$ 6.198	$0.16	6.36
Nov	2044	6.248	$ 0.060	$ 6.308	$0.17	6.47
Dec	2044	6.442	$ 0.099	$ 6.541	$0.17	6.71
Jan	2045	6.424	$ 0.107	$ 6.531	$0.17	6.70
Feb	2045	6.462	$ 0.056	$ 6.518	$0.17	6.69
Mar	2045	6.358	$ 0.031	$ 6.390	$0.17	6.56
Apr	2045	6.212	$ 0.026	$ 6.238	$0.17	6.40
May	2045	6.245	$ 0.042	$ 6.287	$0.17	6.45
Jun	2045	6.283	$ 0.109	$ 6.393	$0.17	6.56
Jul	2045	6.574	$ 0.157	$ 6.731	$0.17	6.90
Aug	2045	6.615	$ 0.169	$ 6.784	$0.17	6.96
Sep	2045	6.627	$ 0.085	$ 6.711	$0.17	6.88
Oct	2045	6.430	$ 0.062	$ 6.492	$0.17	6.66
Nov	2045	6.574	$ 0.062	$ 6.636	$0.17	6.77
Dec	2045	6.728	$ 0.096	$ 6.824	$0.17	7.00
Jan	2046	6.739	$ 0.115	$ 6.854	$0.17	7.03
Feb	2046	6.760	$ 0.062	$ 6.821	$0.17	6.99
Mar	2046	6.602	$ 0.022	$ 6.624	$0.17	6.79
Apr	2046	6.418	$ 0.018	$ 6.436	$0.17	6.60
May	2046	6.446	$ 0.043	$ 6.489	$0.17	6.66
Jun	2046	6.484	$ 0.110	$ 6.594	$0.17	6.76
Jul	2046	6.815	$ 0.158	$ 6.973	$0.17	7.15
Aug	2046	6.858	$ 0.176	$ 7.034	$0.18	7.21
Sep	2046	6.836	$ 0.081	$ 6.917	$0.17	7.09
Oct	2046	6.620	$ 0.062	$ 6.682	$0.17	6.85
Nov	2046	6.680	$ 0.064	$ 6.745	$0.17	6.92
Dec	2046	6.855	$ 0.103	$ 6.959	$0.17	7.13
Jan	2047	6.873	$ 0.126	$ 6.999	$0.18	7.17
Feb	2047	6.885	$ 0.058	$ 6.943	$0.17	7.12
Mar	2047	6.640	$ 0.019	$ 6.659	$0.17	6.83
Apr	2047	6.485	$ 0.022	$ 6.507	$0.17	6.68
May	2047	6.511	$ 0.039	$ 6.550	$0.17	6.72
Jun	2047	6.549	$ 0.123	$ 6.673	$0.17	6.84
Jul	2047	6.870	$ 0.165	$ 7.035	$0.18	7.21
Aug	2047	6.913	$ 0.182	$ 7.096	$0.18	7.27
Sep	2047	6.910	$ 0.088	$ 6.998	$0.18	7.17
Oct	2047	6.787	$ 0.052	$ 6.839	$0.17	7.01
Nov	2047	6.847	$ 0.052	$ 6.899	$0.17	7.07
Dec	2047	6.974	$ 0.093	$ 6.967	$0.17	7.14
Jan	2048	6.803	$ 0.109	$ 6.912	$0.17	7.09
Feb	2048	6.836	$ 0.036	$ 6.872	$0.17	7.05
Mar	2048	6.687	$ 0.007	$ 6.689	$0.17	6.86
Apr	2048	6.585	$ 0.022	$ 6.607	$0.17	6.78
May	2048	6.622	$ 0.032	$ 6.655	$0.17	6.83
Jun	2048	6.

CONFIDENTIAL

DEF NATURAL GAS DISPATCH PRICES

Month	Year	Base HH Regular Supply Cost	Physical Basis FGT Z3	Base Cost Regular Supply Z3	FGT MMBTU Variable Cost	FGT Variable MMBTU Delivered Costs
Jan	2019	3.110	$ (0.046)	$ 3.064	$0.13	3.19
Feb	2019	2.690	$ (0.019)	$ 2.671	$0.12	2.79
Mar	2019	2.960	$ (0.003)	$ 2.947	$0.12	3.07
Apr	2019	2.650	$ (0.001)	$ 2.649	$0.11	2.76
May	2019	2.640	$ 0.005	$ 2.645	$0.11	2.76
Jun	2019	2.400	$ 0.037	$ 2.437	$0.11	2.55
Jul	2019	2.370	$ 0.048	$ 2.418	$0.11	2.53
Aug	2019	2.220	$ 0.056	$ 2.276	$0.11	2.38
Sep	2019	2.560	$ 0.016	$ 2.576	$0.11	2.69
Oct	2019	2.743	$ 0.010	$ 2.753	$0.12	2.87
Nov	2019	2.303	$ 0.012	$ 2.315	$0.11	2.42
Dec	2019	2.495	$ 0.023	$ 2.518	$0.11	2.63
Jan	2020	2.612	$ 0.035	$ 2.647	$0.11	2.76
Feb	2020	2.575	$ 0.024	$ 2.599	$0.11	2.71
Mar	2020	2.462	$ (0.020)	$ 2.442	$0.11	2.55
Apr	2020	2.247	$ (0.019)	$ 2.228	$0.10	2.33
May	2020	2.234	$ 0.005	$ 2.239	$0.10	2.34
Jun	2020	2.278	$ 0.026	$ 2.304	$0.11	2.41
Jul	2020	2.326	$ 0.048	$ 2.374	$0.11	2.48
Aug	2020	2.335	$ 0.055	$ 2.390	$0.11	2.50
Sep	2020	2.318	$ 0.012	$ 2.330	$0.11	2.44
Oct	2020	2.344	$ 0.016	$ 2.360	$0.11	2.47
Nov	2020	2.409	$ 0.025	$ 2.434	$0.11	2.54
Dec	2020	2.578	$ 0.034	$ 2.612	$0.11	2.73
Jan	2021	2.700	$ 0.038	$ 2.738	$0.12	2.86
Feb	2021	2.661	$ 0.033	$ 2.694	$0.12	2.81
Mar	2021	2.548	$ (0.015)	$ 2.533	$0.11	2.64
Apr	2021	2.284	$ (0.021)	$ 2.263	$0.11	2.37
May	2021	2.260	$ 0.005	$ 2.265	$0.11	2.37
Jun	2021	2.294	$ 0.025	$ 2.319	$0.11	2.43
Jul	2021	2.332	$ 0.047	$ 2.379	$0.11	2.49
Aug	2021	2.339	$ 0.058	$ 2.397	$0.11	2.51
Sep	2021	2.328	$ 0.011	$ 2.339	$0.11	2.45
Oct	2021	2.354	$ 0.018	$ 2.372	$0.11	2.48
Nov	2021	2.424	$ 0.027	$ 2.451	$0.11	2.56
Dec	2021	2.603	$ 0.038	$ 2.641	$0.11	2.76
Jan	2022	2.729	$ 0.041	$ 2.770	$0.12	2.89
Feb	2022	2.702	$ 0.036	$ 2.738	$0.12	2.86
Mar	2022	2.585	$ (0.013)	$ 2.582	$0.11	2.70
Apr	2022	2.340	$ (0.016)	$ 2.324	$0.11	2.43
May	2022	2.324	$ 0.007	$ 2.331	$0.11	2.44
Jun	2022	2.359	$ 0.034	$ 2.393	$0.11	2.50
Jul	2022	2.399	$ 0.059	$ 2.458	$0.11	2.57
Aug	2022	2.411	$ 0.066	$ 2.477	$0.11	2.59
Sep	2022	2.404	$ 0.021	$ 2.425	$0.11	2.53
Oct	2022	2.430	$ 0.024	$ 2.454	$0.11	2.56
Nov	2022	2.492	$ 0.034	$ 2.526	$0.11	2.64
Dec	2022	2.674	$ 0.044	$ 2.718	$0.12	2.83
Jan	2023	2.799	$ 0.052	$ 2.851	$0.12	2.97
Feb	2023	2.767	$ 0.047	$ 2.814	$0.12	2.93
Mar	2023	2.666	$ (0.013)	$ 2.653	$0.11	2.77
Apr	2023	2.401	$ (0.008)	$ 2.393	$0.11	2.50
May	2023	2.385	$ 0.016	$ 2.401	$0.11	2.51
Jun	2023	2.434	$ 0.042	$ 2.468	$0.11	2.58
Jul	2023	2.466	$ 0.068	$ 2.534	$0.11	2.65
Aug	2023	2.481	$ 0.076	$ 2.557	$0.11	2.67
Sep	2023	2.474	$ 0.029	$ 2.505	$0.11	2.62
Oct	2023	2.505	$ 0.030	$ 2.535	$0.11	2.65
Nov	2023	2.580	$ 0.037	$ 2.617	$0.11	2.73
Dec	2023	2.760	$ 0.053	$ 2.813	$0.12	2.93
Jan	2024	2.883	$ 0.058	$ 2.941	$0.12	3.06
Feb	2024	2.854	$ 0.050	$ 2.903	$0.12	3.02
Mar	2024	2.742	$ (0.002)	$ 2.740	$0.12	2.86
Apr	2024	2.511	$ (0.007)	$ 2.503	$0.11	2.61
May	2024	2.501	$ 0.017	$ 2.519	$0.11	2.63
Jun	2024	2.537	$ 0.046	$ 2.583	$0.11	2.70
Jul	2024	2.579	$ 0.077	$ 2.656	$0.12	2.77
Aug	2024	2.594	$ 0.077	$ 2.671	$0.12	2.79
Sep	2024	2.590	$ 0.047	$ 2.636	$0.11	2.75
Oct	2024	2.811	$ 0.040	$ 2.851	$0.11	2.77
Nov	2024	2.687	$ 0.044	$ 2.731	$0.12	2.85
Dec	2024	2.860	$ 0.056	$ 2.916	$0.12	3.04
Jan	2025	2.961	$ 0.061	$ 3.022	$0.12	3.15
Feb	2025	2.947	$ 0.053	$ 3.003	$0.12	3.13
Mar	2025	2.864	$ (0.001)	$ 2.863	$0.12	2.98
Apr	2025	2.666	$ (0.011)	$ 2.677	$0.12	2.79
May	2025	2.662	$ 0.016	$ 2.707	$0.12	2.82
Jun	2025	2.727	$ 0.054	$ 2.781	$0.12	2.90
Jul	2025	2.807	$ 0.078	$ 2.886	$0.12	3.01
Aug	2025	2.831	$ 0.078	$ 2.908	$0.12	3.03
Sep	2025	2.739	$ 0.045	$ 2.784	$0.12	2.90
Oct	2025	2.754	$ 0.035	$ 2.789	$0.12	2.91
Nov	2025	2.829	$ 0.036	$ 2.865	$0.12	2.99
Dec	2025	2.987	$ 0.051	$ 3.038	$0.12	3.16
Jan	2026	3.084	$ 0.057	$ 3.140	$0.13	3.27
Feb	2026	3.076	$ 0.053	$ 3.129	$0.13	3.26
Mar	2026	2.994	$ (0.003)	$ 2.991	$0.12	3.11
Apr	2026	2.857	$ (0.001)	$ 2.856	$0.12	2.98
May	2026	2.868	$ 0.022	$ 2.890	$0.12	3.01
Jun	2026	2.914	$ 0.053	$ 2.967	$0.12	3.09
Jul	2026	3.053	$ 0.077	$ 3.130	$0.13	3.26
Aug	2026	3.085	$ 0.078	$ 3.163	$0.13	3.29
Sep	2026	3.022	$ 0.041	$ 3.063	$0.13	3.19
Oct	2026	3.013	$ 0.034	$ 3.047	$0.12	3.17
Nov	2026	3.078	$ 0.042	$ 3.120	$0.13	3.25
Dec	2026	3.243	$ 0.054	$ 3.297	$0.13	3.43
Jan	2027	3.321	$ 0.062	$ 3.383	$0.13	3.52
Feb	2027	3.293	$ 0.057	$ 3.350	$0.13	3.52
Mar	2027	3.278	$ (0.002)	$ 3.276	$0.13	3.41
Apr	2027	3.125	$ (0.002)	$ 3.123	$0.13	3.25
May	2027	3.145	$ 0.021	$ 3.166	$0.13	3.29
Jun	2027	3.207	$ 0.051	$ 3.258	$0.13	3.39
Jul	2027	3.410	$ 0.079	$ 3.489	$0.14	3.62
Aug	2027	3.447	$ 0.082	$ 3.529	$0.14	3.67
Sep	2027	3.434	$ 0.043	$ 3.477	$0.14	3.61
Oct	2027	3.325	$ 0.038	$ 3.364	$0.13	3.50
Nov	2027	3.393	$ 0.043	$ 3.435	$0.13	3.57
Dec	2027	3.568	$ 0.054	$ 3.622	$0.14	3.76
Jan	2028	3.556	$ 0.063	$ 3.618	$0.14	3.76
Feb	2028	3.576	$ 0.047	$ 3.623	$0.14	3.76
Mar	2028	3.501	$ (0.002)	$ 3.498	$0.14	3.63
Apr	2028	3.454	$ (0.006)	$ 3.448	$0.13	3.58
May	2028	3.483	$ 0.024	$ 3.506	$0.14	3.64
Jun	2028	3.644	$ 0.059	$ 3.703	$0.14	3.84
Jul	2028	3.656	$ 0.091	$ 3.747	$0.14	3.89
Aug	2028	3.699	$ 0.089	$ 3.788	$0.14	3.93
Sep	2028	3.748	$ 0.048	$ 3.795	$0.14	3.94
Oct	2028	3.729	$ 0.044	$ 3.772	$0.14	3.91
Nov	2028	3.780	$ 0.046	$ 3.826	$0.14	3.97
Dec	2028	4.008	$ 0.054	$ 4.062	$0.15	4.21
Jan	2029	4.026	$ 0.075	$ 4.102	$0.15	4.25
Feb	2029	4.051	$ 0.068	$ 4.120	$0.15	4.27
Mar	2029	3.866	$ 0.007	$ 3.873	$0.15	4.02
Apr	2029	3.878	$ 0.002	$ 3.880	$0.15	4.03
May	2029	3.934	$ 0.027	$ 3.961	$0.15	4.11
Jun	2029	4.041	$ 0.062	$ 4.102	$0.15	4.25
Jul	2029	3.805	$ 0.091	$ 3.896	$0.15	4.04
Aug	2029	3.833	$ 0.098	$ 3.931	$0.15	4.08
Sep	2029	3.935	$ 0.053	$ 3.988	$0.15	4.14
Oct	2029	3.926	$ 0.040	$ 3.967	$0.15	4.11
Nov	2029	3.843	$ 0.063	$ 3.906	$0.15	4.05
Dec	2029	4.020	$ 0.062	$ 4.083	$0.15	4.23
Jan	2030	4.004	$ 0.075	$ 4.079	$0.15	4.23
Feb	2030	4.029	$ 0.069	$ 4.098	$0.15	4.25
Mar	2030	3.934	$ 0.004	$ 3.937	$0.15	4.08
Apr	2030	3.906	$ (0.008)	$ 3.898	$0.15	4.04
May	2030	3.929	$ 0.029	$ 3.959	$0.15	4.11
Jun	2030	3.964	$ 0.089	$ 4.052	$0.15	4.21
Jul	2030	4.277	$ 0.104	$ 4.380	$0.16	4.54
Aug	2030	4.308	$ 0.113	$ 4.421	$0.16	4.58
Sep	2030	4.245	$ 0.056	$ 4.301	$0.16	4.46
Oct	2030	4.053	$ 0.053	$ 4.106	$0.15	4.26
Nov	2030	3.979	$ 0.056	$ 4.035	$0.15	4.18
Dec	2030	4.172	$ 0.064	$ 4.237	$0.15	4.39
Jan	2031	4.225	$ 0.098	$ 4.322	$0.16	4.48
Feb	2031	4.251	$ 0.092	$ 4.344	$0.16	4.50
Mar	2031	4.167	$ 0.019	$ 4.187	$0.15	4.34
Apr	2031	4.117	$ 0.000	$ 4.132	$0.15	4.28
May	2031	4.158	$ 0.055	$ 4.213	$0.15	4.37
Jun	2031	4.214	$ 0.082	$ 4.296	$0.16	4.45
Jul	2031	4.499	$ 0.116	$ 4.615	$0.16	4.78
Aug	2031	4.544	$ 0.139	$ 4.683	$0.17	4.85
Sep	2031	4.460	$ 0.086	$ 4.546	$0.16	4.71
Oct	2031	4.321	$ 0.082	$ 4.403	$0.16	4.56
Nov	2031	4.381	$ 0.066	$ 4.447	$0.16	4.61
Dec	2031	4.533	$ 0.082	$ 4.615	$0.16	4.78
Jan	2032	4.448	$ 0.106	$ 4.554	$0.16	4.72
Feb	2032	4.472	$ 0.077	$ 4.549	$0.16	4.71
Mar	2032	4.455	$ 0.050	$ 4.504	$0.16	4.67
Apr	2032	4.318	$ 0.026	$ 4.344	$0.16	4.50
May	2032	4.342	$ 0.069	$ 4.411	$0.16	4.57
Jun	2032	4.369	$ 0.095	$ 4.464	$0.16	4.62
Jul	2032	4.491	$ 0.136	$ 4.628	$0.16	4.79
Aug	2032	4.530	$ 0.159	$ 4.689	$0.17	4.85
Sep	2032	4.464	$ 0.091	$ 4.555	$0.16	4.72
Oct	2032	4.435	$ 0.089	$ 4.524	$0.16	4.69
Nov	2032	4.539	$ 0.053	$ 4.592	$0.16	4.76
Dec	2032	4.550	$ 0.072	$ 4.622	$0.16	4.79
Jan	2033	4.332	$ 0.093	$ 4.424	$0.16	4.58
Feb	2033	4.361	$ 0.091	$ 4.452	$0.16	4.61
Mar	2033	4.319	$ 0.022	$ 4.340	$0.16	4.50
Apr	2033	4.317	$ 0.016	$ 4.333	$0.16	4.49
May	2033	4.345	$ 0.032	$ 4.377	$0.16	4.54
Jun	2033	4.376	$ 0.080	$ 4.456	$0.16	4.62
Jul	2033	4.510	$ 0.119	$ 4.629	$0.16	4.79
Aug	2033	4.549	$ 0.127	$ 4.677	$0.17	4.84
Sep	2033	4.490	$ 0.068	$ 4.558	$0.16	4.72
Oct	2033	4.448	$ 0.053	$ 4.501	$0.16	4.66
Nov	2033	4.479	$ 0.033	$ 4.512	$0.16	4.78
Dec	2033	4.739	$ 0.047	$ 4.787	$0.17	4.96
Jan	2034	4.726	$ 0.080	$ 4.806	$0.17	4.97
Feb	2034	4.587	$ 0.058	$ 4.645	$0.16	4.81
Mar	2034	4.457	$ (0.008)	$ 4.450	$0.16	4.61
Apr	2034	4.404	$ 0.009	$ 4.413	$0.16	4.57
May	2034	4.433	$ 0.039	$ 4.472	$0.16	4.63
Jun	2034	4.462	$ 0.084	$ 4.546	$0.16	4.71
Jul	2034	4.676	$ 0.125	$ 4.801	$0.17	4.97
Aug	2034	4.712	$ 0.144	$ 4.856	$0.17	5.03
Sep	2034	4.623	$ 0.074	$ 4.697	$0.17	4.86
Oct	2034	4.509	$ 0.049	$ 4.558	$0.16	4.72
Nov	2034	4.704	$ 0.034	$ 4.738	$0.17	4.91
Dec	2034	4.869	$ 0.055	$ 4.924	$0.17	5.10
Jan	2035	4.897	$ 0.086	$ 4.983	$0.17	5.16
Feb	2035	4.922	$ 0.065	$ 4.987	$0.17	5.16
Mar	2035	4.772	$ 0.018	$ 4.791	$0.17	4.96
Apr	2035	4.557	$ 0.023	$ 4.580	$0.16	4.74
May	2035	4.585	$ 0.048	$ 4.632	$0.16	4.80
Jun	2035	4.615	$ 0.091	$ 4.706	$0.17	4.87
Jul	2035	4.853	$ 0.130	$ 4.983	$0.17	5.16
Aug	2035	4.884	$ 0.147	$ 5.031	$0.17	5.21
Sep	2035	4.867	$ 0.075	$ 4.877	$0.17	5.05
Oct	2035	4.679	$ 0.048	$ 4.727	$0.17	4.89
Nov	2035	4.719	$ 0.033	$ 4.752	$0.17	4.92
Dec	2035	4.960	$ 0.058	$ 4.908	$0.17	5.08
Jan	2036	4.798	$ 0.093	$ 4.891	$0.17	5.06
Feb	2036	4.819	$ 0.034	$ 4.853	$0.17	5.02
Mar	2036	4.738	$ 0.020	$ 4.758	$0.17	4.93
Apr	2036	4.553	$ 0.023	$ 4.575	$0.16	4.74
May	2036	4.581	$ 0.049	$ 4.631	$0.16	4.80
Jun	2036	4.615	$ 0.096	$ 4.711	$0.17	4.88
Jul	2036	4.751	$ 0.135	$ 4.886	$0.17	5.06
Aug	2036	4.785	$ 0.150	$ 4.935	$0.17	5.11
Sep	2036	4.762	$ 0.089	$ 4.851	$0.17	5.02
Oct	2036	4.730	$ 0.076	$ 4.806	$0.17	4.97
Nov	2036	4.794	$ 0.051	$ 4.845	$0.17	5.01
Dec	2036	5.013	$ 0.064	$ 5.077	$0.18	5.25
Jan	2037	5.030	$ 0.105	$ 5.135	$0.18	5.31
Feb	2037	5.061	$ 0.081	$ 5.143	$0.18	5.32
Mar	2037	4.986	$ 0.024	$ 5.011	$0.17	5.18
Apr	2037	4.842	$ 0.021	$ 4.863	$0.17	5.03
May	2037	4.872	$ 0.055	$ 4.927	$0.17	5.10
Jun	2037	4.921	$ 0.111	$ 5.032	$0.17	5.21
Jul	2037	5.119	$ 0.147	$ 5.279	$0.18	5.46
Aug	2037	5.166	$ 0.147	$ 5.312	$0.18	5.49
Sep	2037	5.095	$ 0.096	$ 5.190	$0.18	5.37
Oct	2037	5.039	$ 0.074	$ 5.113	$0.18	5.29
Nov	2037	5.103	$ 0.052	$ 5.155	$0.18	5.33
Dec	2037	5.316	$ 0.078	$ 5.394	$0.18	5.58
Jan	2038	5.338	$ 0.111	$ 5.449	$0.18	5.63
Feb	2038	5.371	$ 0.088	$ 5.459	$0.19	5.64
Mar	2038	5.288	$ 0.026	$ 5.314	$0.18	5.50
Apr	2038	5.108	$ 0.044	$ 5.152	$0.18	5.33
May	2038	5.139	$ 0.060	$ 5.199	$0.18	5.38
Jun	2038	5.176	$ 0.118	$ 5.294	$0.18	5.48
Jul	2038	5.323	$ 0.152	$ 5.475	$0.19	5.66
Aug	2038	5.361	$ 0.145	$ 5.506	$0.19	5.69
Sep	2038	5.240	$ 0.104	$ 5.344	$0.18	5.53
Oct	2038	5.187	$ 0.064	$ 5.251	$0.18	5.43
Nov	2038	5.273	$ 0.073	$ 5.347	$0.18	5.53
Dec	2038	5.462	$ 0.100	$ 5.562	$0.19	5.75
Jan	2039	5.479	$ 0.119	$ 5.598	$0.19	5.79
Feb	2039	5.513	$ 0.101	$ 5.614	$0.19	5.80
Mar	2039	5.381	$ 0.032	$ 5.413	$0.18	5.60
Apr	2039	5.036	$ 0.041	$ 5.077	$0.18	5.25
May	2039	5.065	$ 0.052	$ 5.117	$0.18	5.29
Jun	2039	5.097	$ 0.115	$ 5.212	$0.18	5.39
Jul	2039	5.149	$ 0.129	$ 5.277	$0.18	5.46
Aug	2039	5.164	$ 0.145	$ 5.740	$0.19	5.93
Sep	2039	5.570	$ 0.088	$ 5.658	$0.19	5.85
Oct	2039	5.363	$ 0.081	$ 5.444	$0.18	5.63
Nov	2039	5.404	$ 0.083	$ 5.487	$0.19	5.67
Dec	2039	5.590	$ 0.087	$ 5.677	$0.19	5.87
Jan	2040	5.550	$ 0.098	$ 5.648	$0.19	5.84
Feb	2040	5.579	$ 0.061	$ 5.640	$0.19	5.83
Mar	2040	5.488	$ 0.033	$ 5.521	$0.19	5.71
Apr	2040	5.306	$ 0.013	$ 5.320	$0.18	5.50
May	2040	5.337	$ 0.058	$ 5.395	$0.18	5.58
Jun	2040	5.383	$ 0.108	$ 5.490	$0.19	5.68
Jul	2040	5.580	$ 0.144	$ 5.724	$0.19	5.92
Aug	2040	5.614	$ 0.155	$ 5.768	$0.19	5.96
Sep	2040	5.602	$ 0.098	$ 5.701	$0.19	5.89
Oct	2040	5.477	$ 0.085	$ 5.563	$0.19	5.75
Nov	2040	5.535	$ 0.069	$ 5.604	$0.19	5.79
Dec	2040	5.724	$ 0.111	$ 5.836	$0.19	6.03
Jan	2041	5.766	$ 0.113	$ 5.879	$0.20	6.07
Feb	2041	5.788	$ 0.083	$ 5.871	$0.20	6.07
Mar	2041	5.665	$ 0.037	$ 5.702	$0.19	5.89
Apr	2041	5.459	$ 0.048	$ 5.506	$0.19	5.69
May	2041	5.482	$ 0.061	$ 5.553	$0.19	5.74
Jun	2041	5.551	$ 0.124	$ 5.674	$0.19	5.86
Jul	2041	5.794	$ 0.166	$ 5.961	$0.20	6.16
Aug	2041	5.829	$ 0.158	$ 5.987	$0.20	6.19
Sep	2041	5.831	$ 0.116	$ 5.947	$0.20	6.14
Oct	2041	5.639	$ 0.061	$ 5.700	$0.19	5.89
Nov	2041	5.743	$ 0.077	$ 5.820	$0.19	6.01
Dec	2041	5.906	$ 0.127	$ 6.033	$0.20	6.23
Jan	2042	5.880	$ 0.120	$ 6.010	$0.20	6.21
Feb	2042	5.914	$ 0.089	$ 6.003	$0.20	6.20
Mar	2042	5.780	$ 0.033	$ 5.822	$0.19	6.02
Apr	2042	5.627	$ 0.045	$ 5.672	$0.19	5.86
May	2042	5.662	$ 0.063	$ 5.725	$0.19	5.92
Jun	2042	5.717	$ 0.134	$ 5.851	$0.19	6.05
Jul	2042	6.009	$ 0.168	$ 6.176	$0.20	6.38
Aug	2042	6.046	$ 0.171	$ 6.217	$0.20	6.42
Sep	2042	6.026	$ 0.120	$ 6.147	$0.20	6.35
Oct	2042	5.920	$ 0.080	$ 5.900	$0.20	6.10
Nov	2042	5.852	$ 0.075	$ 5.927	$0.20	6.12
Dec	2042	6.037	$ 0.102	$ 6.139	$0.20	6.34
Jan	2043	6.007	$ 0.105	$ 6.112	$0.20	6.31
Feb	2043	6.026	$ 0.059	$ 6.085	$0.20	6.29
Mar	2043	5.909	$ 0.035	$ 5.944	$0.20	6.14
Apr	2043	5.704	$ 0.028	$ 5.732	$0.19	5.92
May	2043	5.739	$ 0.050	$ 5.789	$0.19	5.98
Jun	2043	5.782	$ 0.106	$ 5.888	$0.20	6.08
Jul	2043	6.064	$ 0.164	$ 6.229	$0.20	6.43
Aug	2043	6.101	$ 0.156	$ 6.257	$0.21	6.46
Sep	2043	6.120	$ 0.091	$ 6.211	$0.20	6.41
Oct	2043	5.969	$ 0.077	$ 5.969	$0.20	6.17
Nov	2043	5.943	$ 0.068	$ 6.010	$0.20	6.21
Dec	2043	6.136	$ 0.097	$ 6.233	$0.20	6.44
Jan	2044	6.152	$ 0.099	$ 6.251	$0.20	6.46
Feb	2044	6.179	$ 0.059	$ 6.238	$0.20	6.44
Mar	2044	6.050	$ 0.025	$ 6.075	$0.20	6.28
Apr	2044	5.974	$ 0.029	$ 5.988	$0.20	6.17
May	2044	5.974	$ 0.040	$ 6.013	$0.20	6.21
Jun	2044	6.010	$ 0.105	$ 6.115	$0.20	6.32
Jul	2044	6.286	$ 0.160	$ 6.446	$0.21	6.66
Aug	2044	6.324	$ 0.162	$ 6.486	$0.21	6.70
Sep	2044	6.312	$ 0.080	$ 6.393	$0.21	6.60
Oct	2044	6.153	$ 0.045	$ 6.198	$0.20	6.40
Nov	2044	6.248	$ 0.060	$ 6.308	$0.21	6.51
Dec	2044	6.442	$ 0.099	$ 6.541	$0.21	6.75
Jan	2045	6.424	$ 0.107	$ 6.531	$0.21	6.74
Feb	2045	6.462	$ 0.056	$ 6.518	$0.21	6.73
Mar	2045	6.358	$ 0.031	$ 6.390	$0.21	6.60
Apr	2045	6.212	$ 0.026	$ 6.238	$0.20	6.44
May	2045	6.245	$ 0.042	$ 6.287	$0.21	6.49
Jun	2045	6.283	$ 0.109	$ 6.393	$0.21	6.60
Jul	2045	6.574	$ 0.157	$ 6.731	$0.22	6.95
Aug	2045	6.615	$ 0.169	$ 6.784	$0.22	7.00
Sep	2045	6.627	$ 0.085	$ 6.711	$0.22	6.93
Oct	2045	6.430	$ 0.062	$ 6.492	$0.21	6.70
Nov	2045	6.414	$ 0.062	$ 6.596	$0.21	6.81
Dec	2045	6.728	$ 0.096	$ 6.824	$0.22	7.04
Jan	2046	6.739	$ 0.115	$ 6.854	$0.22	7.07
Feb	2046	6.760	$ 0.062	$ 6.821	$0.22	7.04
Mar	2046	6.602	$ 0.022	$ 6.624	$0.21	6.84
Apr	2046	6.418	$ 0.018	$ 6.436	$0.21	6.65
May	2046	6.446	$ 0.043	$ 6.489	$0.21	6.70
Jun	2046	6.484	$ 0.110	$ 6.594	$0.21	6.81
Jul	2046	6.815	$ 0.158	$ 6.973	$0.22	7.20
Aug	2046	6.968	$ 0.176	$ 7.034	$0.22	7.26
Sep	2046	6.836	$ 0.081	$ 6.917	$0.22	7.14
Oct	2046	6.620	$ 0.062	$ 6.682	$0.22	6.90
Nov	2046	6.680	$ 0.064	$ 6.745	$0.22	6.96
Dec	2046	6.855	$ 0.103	$ 6.959	$0.22	7.18
Jan	2047	6.873	$ 0.126	$ 6.999	$0.22	7.22
Feb	2047	6.885	$ 0.058	$ 6.943	$0.22	7.17
Mar	2047	6.640	$ 0.019	$ 6.659	$0.22	6.87
Apr	2047	6.485	$ 0.022	$ 6.507	$0.21	6.72
May	2047	6.511	$ 0.039	$ 6.550	$0.21	6.76
Jun	2047	6.549	$ 0.123	$ 6.673	$0.22	6.89
Jul	2047	6.870	$ 0.165	$ 7.035	$0.22	7.26
Aug	2047	6.913	$ 0.182	$ 7.096	$0.23	7.32
Sep	2047	6.910	$ 0.088	$ 6.998	$0.22	7.22
Oct	2047	6.787	$ 0.052	$ 6.839	$0.22	7.06
Nov	2047	6.847	$ 0.052	$ 6.899	$0.22	7.12
Dec	2047	6.974	$ 0.093	$ 6.967	$0.22	7.19
Jan	2048	6.803	$ 0.109	$ 6.912	$0.22	7.13
Feb	2048	6.836	$ 0.036	$ 6.872	$0.22	7.09
Mar	2048	6.687	$ 0.007	$ 6.689	$0.22	6.90
Apr	2048	6.585	$ 0.022	$ 6.607	$0.21	6.82
May	2048	6.622	$ 0.032	$ 6.655	$0.22	6.87
Jun	2048	6.691	$ 0.099	$ 6.790	$0.22

CONFIDENTIAL

DEF NATURAL GAS DISPATCH PRICES

Month	Year	Base HH Regular Supply Cost	Physical Basis FGT Z3	Base Cost Regular Supply Z3	FGT MMBTU Variable Cost	FGT Variable MMBTU Delivered Costs
Jan	2019	3.110	$ (0.046)	$ 3.064	$1.05	4.12
Feb	2019	2.690	$ (0.019)	$ 2.671	$1.04	3.72
Mar	2019	2.950	$ (0.003)	$ 2.947	$1.05	4.00
Apr	2019	2.650	$ (0.001)	$ 2.649	$1.04	3.69
May	2019	2.640	$ 0.005	$ 2.645	$1.04	3.69
Jun	2019	2.400	$ 0.037	$ 2.437	$1.04	3.48
Jul	2019	2.370	$ 0.048	$ 2.418	$1.04	3.46
Aug	2019	2.220	$ 0.056	$ 2.276	$1.03	3.31
Sep	2019	2.560	$ 0.016	$ 2.576	$1.04	3.62
Oct	2019	2.743	$ 0.010	$ 2.753	$1.05	3.80
Nov	2019	2.303	$ 0.012	$ 2.315	$1.04	3.35
Dec	2019	2.495	$ 0.023	$ 2.518	$1.04	3.56
Jan	2020	2.612	$ 0.035	$ 2.647	$1.04	3.69
Feb	2020	2.575	$ 0.024	$ 2.599	$1.04	3.64
Mar	2020	2.462	$ (0.020)	$ 2.442	$1.04	3.48
Apr	2020	2.247	$ (0.019)	$ 2.228	$1.03	3.26
May	2020	2.234	$ 0.005	$ 2.239	$1.03	3.27
Jun	2020	2.278	$ 0.026	$ 2.304	$1.04	3.34
Jul	2020	2.326	$ 0.048	$ 2.374	$1.04	3.41
Aug	2020	2.335	$ 0.055	$ 2.390	$1.04	3.43
Sep	2020	2.318	$ 0.012	$ 2.330	$1.04	3.37
Oct	2020	2.344	$ 0.016	$ 2.360	$1.04	3.40
Nov	2020	2.409	$ 0.025	$ 2.434	$1.04	3.47
Dec	2020	2.578	$ 0.034	$ 2.612	$1.04	3.65
Jan	2021	2.700	$ 0.038	$ 2.738	$1.05	3.78
Feb	2021	2.661	$ 0.033	$ 2.694	$1.04	3.74
Mar	2021	2.548	$ (0.015)	$ 2.533	$1.04	3.57
Apr	2021	2.284	$ (0.021)	$ 2.263	$1.03	3.30
May	2021	2.260	$ 0.005	$ 2.265	$1.03	3.30
Jun	2021	2.294	$ 0.025	$ 2.319	$1.04	3.35
Jul	2021	2.332	$ 0.047	$ 2.379	$1.04	3.42
Aug	2021	2.339	$ 0.058	$ 2.397	$1.04	3.43
Sep	2021	2.328	$ 0.011	$ 2.339	$1.04	3.37
Oct	2021	2.354	$ 0.018	$ 2.372	$1.04	3.41
Nov	2021	2.424	$ 0.027	$ 2.451	$1.04	3.49
Dec	2021	2.603	$ 0.038	$ 2.641	$1.04	3.68
Jan	2022	2.729	$ 0.041	$ 2.770	$1.05	3.82
Feb	2022	2.702	$ 0.036	$ 2.738	$1.05	3.78
Mar	2022	2.595	$ (0.013)	$ 2.582	$1.04	3.62
Apr	2022	2.340	$ (0.016)	$ 2.324	$1.04	3.36
May	2022	2.324	$ 0.007	$ 2.331	$1.04	3.37
Jun	2022	2.359	$ 0.034	$ 2.393	$1.04	3.43
Jul	2022	2.399	$ 0.059	$ 2.458	$1.04	3.50
Aug	2022	2.411	$ 0.066	$ 2.477	$1.04	3.52
Sep	2022	2.404	$ 0.021	$ 2.425	$1.04	3.46
Oct	2022	2.430	$ 0.024	$ 2.454	$1.04	3.49
Nov	2022	2.497	$ 0.034	$ 2.526	$1.04	3.57
Dec	2022	2.674	$ 0.044	$ 2.718	$1.05	3.76
Jan	2023	2.799	$ 0.052	$ 2.851	$1.05	3.90
Feb	2023	2.767	$ 0.047	$ 2.814	$1.05	3.86
Mar	2023	2.656	$ (0.003)	$ 2.653	$1.04	3.70
Apr	2023	2.401	$ (0.008)	$ 2.393	$1.04	3.43
May	2023	2.394	$ 0.016	$ 2.401	$1.04	3.44
Jun	2023	2.426	$ 0.042	$ 2.468	$1.04	3.51
Jul	2023	2.466	$ 0.068	$ 2.534	$1.04	3.57
Aug	2023	2.481	$ 0.076	$ 2.557	$1.04	3.60
Sep	2023	2.476	$ 0.029	$ 2.505	$1.04	3.55
Oct	2023	2.505	$ 0.030	$ 2.535	$1.04	3.58
Nov	2023	2.580	$ 0.037	$ 2.617	$1.04	3.66
Dec	2023	2.760	$ 0.053	$ 2.813	$1.05	3.86
Jan	2024	2.883	$ 0.058	$ 2.941	$1.05	3.99
Feb	2024	2.854	$ 0.050	$ 2.903	$1.05	3.95
Mar	2024	2.742	$ (0.002)	$ 2.740	$1.05	3.79
Apr	2024	2.511	$ (0.007)	$ 2.503	$1.04	3.54
May	2024	2.501	$ 0.017	$ 2.519	$1.04	3.56
Jun	2024	2.537	$ 0.046	$ 2.583	$1.04	3.63
Jul	2024	2.579	$ 0.077	$ 2.656	$1.04	3.70
Aug	2024	2.594	$ 0.077	$ 2.671	$1.04	3.72
Sep	2024	2.591	$ 0.047	$ 2.638	$1.04	3.68
Oct	2024	2.611	$ 0.040	$ 2.651	$1.04	3.69
Nov	2024	2.687	$ 0.044	$ 2.731	$1.05	3.78
Dec	2024	2.860	$ 0.056	$ 2.916	$1.05	3.97
Jan	2025	2.961	$ 0.061	$ 3.022	$1.05	4.08
Feb	2025	2.947	$ 0.055	$ 3.003	$1.05	4.06
Mar	2025	2.864	$ (0.001)	$ 2.863	$1.05	3.91
Apr	2025	2.688	$ (0.011)	$ 2.677	$1.04	3.72
May	2025	2.692	$ 0.016	$ 2.707	$1.05	3.75
Jun	2025	2.727	$ 0.054	$ 2.781	$1.05	3.83
Jul	2025	2.807	$ 0.078	$ 2.886	$1.05	3.94
Aug	2025	2.831	$ 0.078	$ 2.908	$1.05	3.96
Sep	2025	2.739	$ 0.045	$ 2.784	$1.05	3.83
Oct	2025	2.754	$ 0.035	$ 2.789	$1.05	3.84
Nov	2025	2.829	$ 0.036	$ 2.865	$1.05	3.91
Dec	2025	2.987	$ 0.051	$ 3.038	$1.05	4.09
Jan	2026	3.084	$ 0.057	$ 3.140	$1.06	4.20
Feb	2026	3.076	$ 0.053	$ 3.129	$1.06	4.18
Mar	2026	2.994	$ (0.003)	$ 2.991	$1.05	4.04
Apr	2026	2.857	$ (0.001)	$ 2.856	$1.05	3.90
May	2026	2.868	$ 0.022	$ 2.890	$1.05	3.94
Jun	2026	2.914	$ 0.053	$ 2.967	$1.05	4.02
Jul	2026	3.053	$ 0.077	$ 3.130	$1.06	4.19
Aug	2026	3.085	$ 0.078	$ 3.163	$1.06	4.22
Sep	2026	3.022	$ 0.041	$ 3.063	$1.05	4.12
Oct	2026	3.013	$ 0.034	$ 3.047	$1.05	4.10
Nov	2026	3.078	$ 0.042	$ 3.120	$1.06	4.18
Dec	2026	3.243	$ 0.054	$ 3.297	$1.06	4.36
Jan	2027	3.321	$ 0.062	$ 3.383	$1.06	4.45
Feb	2027	3.333	$ 0.057	$ 3.390	$1.06	4.45
Mar	2027	3.278	$ (0.002)	$ 3.276	$1.06	4.34
Apr	2027	3.194	$ (0.002)	$ 3.123	$1.06	4.18
May	2027	3.145	$ 0.021	$ 3.166	$1.06	4.22
Jun	2027	3.207	$ 0.051	$ 3.258	$1.06	4.32
Jul	2027	3.410	$ 0.079	$ 3.489	$1.06	4.55
Aug	2027	3.447	$ 0.082	$ 3.529	$1.07	4.59
Sep	2027	3.434	$ 0.043	$ 3.477	$1.06	4.54
Oct	2027	3.325	$ 0.038	$ 3.364	$1.06	4.43
Nov	2027	3.392	$ 0.043	$ 3.435	$1.06	4.50
Dec	2027	3.568	$ 0.054	$ 3.622	$1.07	4.69
Jan	2028	3.556	$ 0.063	$ 3.618	$1.07	4.69
Feb	2028	3.576	$ 0.047	$ 3.623	$1.07	4.69
Mar	2028	3.501	$ (0.002)	$ 3.498	$1.06	4.56
Apr	2028	3.454	$ (0.006)	$ 3.448	$1.06	4.51
May	2028	3.483	$ 0.024	$ 3.506	$1.07	4.57
Jun	2028	3.644	$ 0.059	$ 3.703	$1.07	4.77
Jul	2028	3.656	$ 0.091	$ 3.747	$1.07	4.82
Aug	2028	3.698	$ 0.089	$ 3.788	$1.07	4.86
Sep	2028	3.748	$ 0.048	$ 3.795	$1.07	4.87
Oct	2028	3.729	$ 0.044	$ 3.772	$1.07	4.84
Nov	2028	3.780	$ 0.046	$ 3.826	$1.07	4.90
Dec	2028	4.008	$ 0.054	$ 4.062	$1.08	5.14
Jan	2029	4.026	$ 0.075	$ 4.102	$1.08	5.18
Feb	2029	4.051	$ 0.068	$ 4.120	$1.08	5.20
Mar	2029	3.873	$ 0.000	$ 3.873	$1.07	4.95
Apr	2029	3.878	$ 0.002	$ 3.880	$1.07	4.95
May	2029	3.934	$ 0.027	$ 3.961	$1.08	5.04
Jun	2029	4.041	$ 0.062	$ 4.102	$1.08	5.18
Jul	2029	3.805	$ 0.091	$ 3.896	$1.07	4.97
Aug	2029	3.823	$ 0.098	$ 3.921	$1.08	5.01
Sep	2029	3.935	$ 0.053	$ 3.988	$1.08	5.07
Oct	2029	3.926	$ 0.040	$ 3.967	$1.08	5.04
Nov	2029	3.843	$ 0.063	$ 3.906	$1.08	4.98
Dec	2029	4.020	$ 0.062	$ 4.083	$1.08	5.16
Jan	2030	4.004	$ 0.075	$ 4.079	$1.08	5.16
Feb	2030	4.029	$ 0.059	$ 4.088	$1.08	5.18
Mar	2030	3.934	$ 0.004	$ 3.937	$1.08	5.01
Apr	2030	3.906	$ (0.008)	$ 3.898	$1.07	4.97
May	2030	3.929	$ 0.029	$ 3.959	$1.08	5.04
Jun	2030	3.994	$ 0.069	$ 4.062	$1.08	5.14
Jul	2030	4.277	$ 0.104	$ 4.380	$1.09	5.47
Aug	2030	4.308	$ 0.113	$ 4.421	$1.09	5.51
Sep	2030	4.245	$ 0.056	$ 4.301	$1.09	5.39
Oct	2030	4.053	$ 0.053	$ 4.106	$1.08	5.19
Nov	2030	3.979	$ 0.056	$ 4.035	$1.08	5.11
Dec	2030	4.177	$ 0.064	$ 4.237	$1.08	5.32
Jan	2031	4.225	$ 0.098	$ 4.322	$1.09	5.41
Feb	2031	4.251	$ 0.092	$ 4.344	$1.09	5.43
Mar	2031	4.167	$ 0.019	$ 4.187	$1.08	5.27
Apr	2031	4.132	$ 0.000	$ 4.132	$1.08	5.21
May	2031	4.158	$ 0.055	$ 4.213	$1.08	5.30
Jun	2031	4.214	$ 0.082	$ 4.296	$1.08	5.38
Jul	2031	4.499	$ 0.116	$ 4.615	$1.09	5.71
Aug	2031	4.544	$ 0.139	$ 4.683	$1.09	5.78
Sep	2031	4.460	$ 0.086	$ 4.546	$1.09	5.64
Oct	2031	4.321	$ 0.082	$ 4.403	$1.09	5.49
Nov	2031	4.381	$ 0.066	$ 4.447	$1.09	5.54
Dec	2031	4.515	$ 0.082	$ 4.615	$1.09	5.71
Jan	2032	4.448	$ 0.106	$ 4.554	$1.09	5.65
Feb	2032	4.472	$ 0.077	$ 4.549	$1.09	5.64
Mar	2032	4.455	$ 0.050	$ 4.504	$1.09	5.59
Apr	2032	4.318	$ 0.026	$ 4.344	$1.09	5.43
May	2032	4.342	$ 0.069	$ 4.411	$1.09	5.50
Jun	2032	4.369	$ 0.095	$ 4.464	$1.09	5.55
Jul	2032	4.491	$ 0.136	$ 4.628	$1.09	5.72
Aug	2032	4.530	$ 0.159	$ 4.689	$1.09	5.78
Sep	2032	4.464	$ 0.091	$ 4.555	$1.09	5.65
Oct	2032	4.435	$ 0.088	$ 4.524	$1.09	5.61
Nov	2032	4.539	$ 0.053	$ 4.592	$1.09	5.68
Dec	2032	4.550	$ 0.072	$ 4.622	$1.09	5.72
Jan	2033	4.197	$ 0.093	$ 4.424	$1.09	5.51
Feb	2033	4.361	$ 0.091	$ 4.452	$1.09	5.54
Mar	2033	4.319	$ 0.022	$ 4.340	$1.09	5.43
Apr	2033	4.117	$ 0.016	$ 4.133	$1.09	5.42
May	2033	4.345	$ 0.032	$ 4.377	$1.09	5.46
Jun	2033	4.376	$ 0.080	$ 4.456	$1.09	5.54
Jul	2033	4.510	$ 0.119	$ 4.629	$1.09	5.72
Aug	2033	4.549	$ 0.127	$ 4.677	$1.09	5.77
Sep	2033	4.490	$ 0.068	$ 4.558	$1.09	5.65
Oct	2033	4.448	$ 0.053	$ 4.501	$1.09	5.59
Nov	2033	4.579	$ 0.033	$ 4.612	$1.09	5.70
Dec	2033	4.739	$ 0.047	$ 4.787	$1.10	5.88
Jan	2034	4.726	$ 0.080	$ 4.806	$1.10	5.90
Feb	2034	4.590	$ 0.056	$ 4.645	$1.09	5.74
Mar	2034	4.457	$ (0.008)	$ 4.450	$1.09	5.54
Apr	2034	4.404	$ 0.009	$ 4.413	$1.09	5.50
May	2034	4.433	$ 0.039	$ 4.472	$1.09	5.56
Jun	2034	4.462	$ 0.084	$ 4.546	$1.09	5.64
Jul	2034	4.676	$ 0.125	$ 4.801	$1.10	5.90
Aug	2034	4.712	$ 0.144	$ 4.856	$1.10	5.95
Sep	2034	4.623	$ 0.074	$ 4.697	$1.09	5.79
Oct	2034	4.509	$ 0.049	$ 4.558	$1.09	5.65
Nov	2034	4.704	$ 0.034	$ 4.738	$1.10	5.83
Dec	2034	4.869	$ 0.055	$ 4.924	$1.10	6.02
Jan	2035	4.897	$ 0.086	$ 4.983	$1.10	6.09
Feb	2035	4.877	$ 0.065	$ 4.987	$1.10	6.09
Mar	2035	4.772	$ 0.018	$ 4.791	$1.10	5.89
Apr	2035	4.557	$ 0.023	$ 4.580	$1.09	5.67
May	2035	4.586	$ 0.046	$ 4.632	$1.09	5.73
Jun	2035	4.615	$ 0.091	$ 4.706	$1.10	5.80
Jul	2035	4.853	$ 0.130	$ 4.983	$1.10	6.09
Aug	2035	4.894	$ 0.147	$ 5.031	$1.10	6.13
Sep	2035	4.802	$ 0.075	$ 4.877	$1.10	5.98
Oct	2035	4.679	$ 0.048	$ 4.727	$1.10	5.82
Nov	2035	4.719	$ 0.033	$ 4.752	$1.10	5.85
Dec	2035	4.850	$ 0.058	$ 4.908	$1.10	6.01
Jan	2036	4.798	$ 0.093	$ 4.891	$1.10	5.99
Feb	2036	4.819	$ 0.034	$ 4.853	$1.10	5.95
Mar	2036	4.738	$ 0.020	$ 4.758	$1.10	5.85
Apr	2036	4.553	$ 0.023	$ 4.575	$1.09	5.67
May	2036	4.581	$ 0.049	$ 4.631	$1.09	5.72
Jun	2036	4.615	$ 0.096	$ 4.711	$1.10	5.81
Jul	2036	4.751	$ 0.135	$ 4.886	$1.10	5.99
Aug	2036	4.785	$ 0.150	$ 4.935	$1.10	6.04
Sep	2036	4.762	$ 0.089	$ 4.851	$1.10	5.95
Oct	2036	4.730	$ 0.076	$ 4.806	$1.10	5.90
Nov	2036	4.794	$ 0.051	$ 4.845	$1.10	5.94
Dec	2036	5.013	$ 0.064	$ 5.077	$1.10	6.18
Jan	2037	5.030	$ 0.105	$ 5.135	$1.11	6.24
Feb	2037	5.061	$ 0.091	$ 5.143	$1.11	6.25
Mar	2037	4.996	$ 0.024	$ 5.011	$1.10	6.11
Apr	2037	4.842	$ 0.021	$ 4.863	$1.10	5.96
May	2037	4.872	$ 0.055	$ 4.927	$1.10	6.03
Jun	2037	4.921	$ 0.111	$ 5.032	$1.10	6.14
Jul	2037	5.132	$ 0.147	$ 5.279	$1.11	6.39
Aug	2037	5.166	$ 0.147	$ 5.312	$1.11	6.42
Sep	2037	5.094	$ 0.096	$ 5.190	$1.11	6.30
Oct	2037	5.039	$ 0.074	$ 5.113	$1.11	6.22
Nov	2037	5.103	$ 0.052	$ 5.155	$1.11	6.26
Dec	2037	5.316	$ 0.078	$ 5.394	$1.11	6.51
Jan	2038	5.338	$ 0.111	$ 5.449	$1.11	6.56
Feb	2038	5.371	$ 0.088	$ 5.459	$1.11	6.57
Mar	2038	5.288	$ 0.026	$ 5.314	$1.11	6.42
Apr	2038	5.108	$ 0.044	$ 5.152	$1.11	6.26
May	2038	5.139	$ 0.060	$ 5.199	$1.11	6.31
Jun	2038	5.176	$ 0.118	$ 5.294	$1.11	6.40
Jul	2038	5.323	$ 0.152	$ 5.475	$1.11	6.59
Aug	2038	5.361	$ 0.145	$ 5.506	$1.12	6.62
Sep	2038	5.240	$ 0.104	$ 5.344	$1.11	6.46
Oct	2038	5.187	$ 0.064	$ 5.251	$1.11	6.36
Nov	2038	5.273	$ 0.073	$ 5.347	$1.11	6.46
Dec	2038	5.462	$ 0.100	$ 5.562	$1.12	6.68
Jan	2039	5.479	$ 0.119	$ 5.598	$1.12	6.72
Feb	2039	5.513	$ 0.101	$ 5.614	$1.12	6.73
Mar	2039	5.381	$ 0.032	$ 5.413	$1.11	6.53
Apr	2039	5.038	$ 0.041	$ 5.077	$1.10	6.18
May	2039	5.065	$ 0.052	$ 5.117	$1.11	6.22
Jun	2039	5.097	$ 0.115	$ 5.212	$1.11	6.32
Jul	2039	5.148	$ 0.129	$ 5.277	$1.11	6.39
Aug	2039	5.594	$ 0.145	$ 5.740	$1.12	6.86
Sep	2039	5.570	$ 0.098	$ 5.668	$1.12	6.78
Oct	2039	5.363	$ 0.081	$ 5.444	$1.11	6.56
Nov	2039	5.424	$ 0.063	$ 5.487	$1.11	6.60
Dec	2039	5.590	$ 0.087	$ 5.677	$1.12	6.80
Jan	2040	5.550	$ 0.098	$ 5.648	$1.12	6.77
Feb	2040	5.579	$ 0.061	$ 5.640	$1.12	6.76
Mar	2040	5.488	$ 0.033	$ 5.521	$1.12	6.64
Apr	2040	5.306	$ 0.013	$ 5.320	$1.11	6.43
May	2040	5.337	$ 0.058	$ 5.395	$1.11	6.51
Jun	2040	5.383	$ 0.108	$ 5.490	$1.11	6.60
Jul	2040	5.580	$ 0.144	$ 5.724	$1.12	6.84
Aug	2040	5.614	$ 0.155	$ 5.768	$1.12	6.89
Sep	2040	5.602	$ 0.098	$ 5.701	$1.12	6.82
Oct	2040	5.477	$ 0.086	$ 5.563	$1.12	6.68
Nov	2040	5.535	$ 0.069	$ 5.604	$1.12	6.72
Dec	2040	5.724	$ 0.111	$ 5.836	$1.12	6.96
Jan	2041	5.766	$ 0.113	$ 5.879	$1.12	7.00
Feb	2041	5.788	$ 0.083	$ 5.871	$1.12	7.00
Mar	2041	5.665	$ 0.037	$ 5.702	$1.12	6.82
Apr	2041	5.459	$ 0.048	$ 5.506	$1.12	6.62
May	2041	5.469	$ 0.061	$ 5.553	$1.12	6.67
Jun	2041	5.551	$ 0.124	$ 5.674	$1.12	6.79
Jul	2041	5.794	$ 0.166	$ 5.961	$1.13	7.09
Aug	2041	5.836	$ 0.158	$ 5.987	$1.13	7.11
Sep	2041	5.831	$ 0.116	$ 5.947	$1.13	7.07
Oct	2041	5.639	$ 0.061	$ 5.700	$1.12	6.82
Nov	2041	5.749	$ 0.077	$ 5.826	$1.12	6.94
Dec	2041	5.905	$ 0.127	$ 6.033	$1.13	7.16
Jan	2042	5.890	$ 0.120	$ 6.010	$1.13	7.14
Feb	2042	5.914	$ 0.089	$ 6.003	$1.13	7.13
Mar	2042	5.789	$ 0.033	$ 5.822	$1.12	6.95
Apr	2042	5.627	$ 0.045	$ 5.672	$1.12	6.79
May	2042	5.662	$ 0.063	$ 5.725	$1.12	6.85
Jun	2042	5.717	$ 0.134	$ 5.851	$1.12	6.97
Jul	2042	6.009	$ 0.168	$ 6.176	$1.13	7.31
Aug	2042	6.046	$ 0.171	$ 6.217	$1.13	7.35
Sep	2042	6.026	$ 0.120	$ 6.147	$1.13	7.28
Oct	2042	5.820	$ 0.080	$ 5.900	$1.13	7.03
Nov	2042	5.852	$ 0.075	$ 5.927	$1.13	7.05
Dec	2042	6.037	$ 0.102	$ 6.139	$1.13	7.27
Jan	2043	6.007	$ 0.105	$ 6.112	$1.13	7.24
Feb	2043	6.026	$ 0.058	$ 6.085	$1.13	7.21
Mar	2043	5.909	$ 0.035	$ 5.944	$1.13	7.07
Apr	2043	5.704	$ 0.028	$ 5.732	$1.12	6.85
May	2043	5.739	$ 0.050	$ 5.789	$1.12	6.91
Jun	2043	5.787	$ 0.106	$ 5.888	$1.12	7.01
Jul	2043	6.064	$ 0.164	$ 6.229	$1.13	7.36
Aug	2043	6.101	$ 0.156	$ 6.257	$1.13	7.39
Sep	2043	6.170	$ 0.091	$ 6.211	$1.13	7.34
Oct	2043	5.892	$ 0.077	$ 5.969	$1.13	7.10
Nov	2043	5.943	$ 0.066	$ 6.010	$1.13	7.14
Dec	2043	6.136	$ 0.097	$ 6.233	$1.13	7.37
Jan	2044	6.152	$ 0.099	$ 6.251	$1.13	7.38
Feb	2044	6.179	$ 0.059	$ 6.238	$1.13	7.37
Mar	2044	6.050	$ 0.025	$ 6.075	$1.13	7.20
Apr	2044	5.939	$ 0.029	$ 5.968	$1.13	7.09
May	2044	5.974	$ 0.040	$ 6.013	$1.13	7.14
Jun	2044	6.010	$ 0.105	$ 6.115	$1.13	7.25
Jul	2044	6.285	$ 0.160	$ 6.446	$1.14	7.58
Aug	2044	6.324	$ 0.162	$ 6.486	$1.14	7.63
Sep	2044	6.312	$ 0.080	$ 6.393	$1.14	7.53
Oct	2044	6.153	$ 0.045	$ 6.198	$1.13	7.33
Nov	2044	6.248	$ 0.060	$ 6.308	$1.14	7.44
Dec	2044	6.442	$ 0.099	$ 6.541	$1.14	7.68
Jan	2045	6.424	$ 0.107	$ 6.531	$1.14	7.67
Feb	2045	6.462	$ 0.056	$ 6.518	$1.14	7.66
Mar	2045	6.358	$ 0.031	$ 6.390	$1.14	7.53
Apr	2045	6.212	$ 0.026	$ 6.238	$1.13	7.37
May	2045	6.245	$ 0.042	$ 6.287	$1.13	7.42
Jun	2045	6.283	$ 0.109	$ 6.393	$1.14	7.53
Jul	2045	6.474	$ 0.157	$ 6.731	$1.15	7.88
Aug	2045	6.615	$ 0.169	$ 6.784	$1.15	7.93
Sep	2045	6.627	$ 0.085	$ 6.711	$1.15	7.86
Oct	2045	6.430	$ 0.062	$ 6.492	$1.14	7.63
Nov	2045	6.534	$ 0.062	$ 6.596	$1.14	7.74
Dec	2045	6.728	$ 0.096	$ 6.824	$1.15	7.97
Jan	2046	6.790	$ 0.115	$ 6.854	$1.15	8.00
Feb	2046	6.760	$ 0.062	$ 6.821	$1.15	7.97
Mar	2046	6.602	$ 0.022	$ 6.624	$1.14	7.77
Apr	2046	6.418	$ 0.018	$ 6.436	$1.14	7.57
May	2046	6.446	$ 0.043	$ 6.489	$1.14	7.63
Jun	2046	6.484	$ 0.110	$ 6.594	$1.14	7.74
Jul	2046	6.815	$ 0.158	$ 6.973	$1.15	8.12
Aug	2046	6.858	$ 0.176	$ 7.034	$1.15	8.19
Sep	2046	6.836	$ 0.081	$ 6.917	$1.15	8.07
Oct	2046	6.620	$ 0.062	$ 6.682	$1.14	7.83
Nov	2046	6.680	$ 0.064	$ 6.745	$1.15	7.89
Dec	2046	6.855	$ 0.103	$ 6.959	$1.15	8.11
Jan	2047	6.873	$ 0.126	$ 6.999	$1.15	8.15
Feb	2047	6.885	$ 0.058	$ 6.943	$1.15	8.09
Mar	2047	6.640	$ 0.019	$ 6.659	$1.14	7.80
Apr	2047	6.485	$ 0.022	$ 6.507	$1.14	7.65
May	2047	6.511	$ 0.039	$ 6.550	$1.14	7.69
Jun	2047	6.549	$ 0.123	$ 6.673	$1.14	7.82
Jul	2047	6.870	$ 0.165	$ 7.035	$1.15	8.19
Aug	2047	6.915	$ 0.182	$ 7.096	$1.15	8.25
Sep	2047	6.910	$ 0.088	$ 6.998	$1.15	8.15
Oct	2047	6.787	$ 0.052	$ 6.839	$1.15	7.99
Nov	2047	6.847	$ 0.052	$ 6.899	$1.15	8.05
Dec	2047	6.874	$ 0.093	$ 6.967	$1.15	8.12
Jan	2048	6.803	$ 0.109	$ 6.912	$1.15	8.06
Feb	2048	6.814	$ 0.036	$ 6.872	$1.15	8.02
Mar	2048	6.682	$ 0.007	$ 6.689	$1.14	7.83
Apr	2048	6.585	$ 0.022	$ 6.607	$1.14	7.75
May	2048	6.823	$ 0.032	$ 6.855	$1.14	7.80
Jun	2048	6.691	$ 0.099	$ 6.790	$1.15

CONFIDENTIAL

DEF NATURAL GAS DISPATCH PRICES

Month	Year	Base Hlt Regular Supply Cost	Physical Basis FGT Z3	Base Cost Regular Supply Z3	FGT MMBTU Variable Cost	FGT Variable MMBTU Delivered Costs
Jan	2019	3.110	$ (0.040)	$ 3.064	$0.23	3.29
Feb	2019	2.690	$ (0.019)	$ 2.671	$0.22	2.89
Mar	2019	2.950	$ (0.003)	$ 2.947	$0.22	3.17
Apr	2019	2.650	$ (0.001)	$ 2.649	$0.21	2.86
May	2019	2.640	$ 0.005	$ 2.645	$0.21	2.86
Jun	2019	2.400	$ 0.037	$ 2.437	$0.21	2.65
Jul	2019	2.370	$ 0.048	$ 2.418	$0.21	2.63
Aug	2019	2.220	$ 0.056	$ 2.276	$0.21	2.48
Sep	2019	2.560	$ 0.016	$ 2.576	$0.21	2.79
Oct	2019	2.743	$ 0.010	$ 2.753	$0.22	2.97
Nov	2019	2.303	$ 0.012	$ 2.315	$0.21	2.52
Dec	2019	2.495	$ 0.023	$ 2.518	$0.21	2.73
Jan	2020	2.612	$ 0.035	$ 2.647	$0.21	2.86
Feb	2020	2.575	$ 0.024	$ 2.599	$0.21	2.81
Mar	2020	2.462	$ (0.026)	$ 2.442	$0.21	2.65
Apr	2020	2.247	$ (0.019)	$ 2.228	$0.20	2.43
May	2020	2.234	$ 0.005	$ 2.239	$0.20	2.44
Jun	2020	2.278	$ 0.026	$ 2.304	$0.21	2.51
Jul	2020	2.326	$ 0.048	$ 2.374	$0.21	2.58
Aug	2020	2.335	$ 0.055	$ 2.390	$0.21	2.60
Sep	2020	2.318	$ 0.012	$ 2.330	$0.21	2.54
Oct	2020	2.344	$ 0.016	$ 2.360	$0.21	2.57
Nov	2020	2.409	$ 0.025	$ 2.434	$0.21	2.64
Dec	2020	2.578	$ 0.034	$ 2.612	$0.21	2.83
Jan	2021	2.700	$ 0.038	$ 2.738	$0.22	2.96
Feb	2021	2.661	$ 0.033	$ 2.694	$0.22	2.91
Mar	2021	2.548	$ (0.015)	$ 2.533	$0.21	2.74
Apr	2021	2.284	$ (0.021)	$ 2.263	$0.21	2.47
May	2021	2.360	$ 0.005	$ 2.265	$0.21	2.47
Jun	2021	2.294	$ 0.025	$ 2.319	$0.21	2.53
Jul	2021	2.332	$ 0.047	$ 2.379	$0.21	2.59
Aug	2021	2.339	$ 0.058	$ 2.397	$0.21	2.61
Sep	2021	2.328	$ 0.011	$ 2.339	$0.21	2.55
Oct	2021	2.354	$ 0.018	$ 2.372	$0.21	2.58
Nov	2021	2.424	$ 0.027	$ 2.451	$0.21	2.66
Dec	2021	2.603	$ 0.038	$ 2.641	$0.21	2.86
Jan	2022	2.729	$ 0.041	$ 2.770	$0.22	2.99
Feb	2022	2.702	$ 0.036	$ 2.738	$0.22	2.96
Mar	2022	2.595	$ (0.013)	$ 2.582	$0.21	2.80
Apr	2022	2.340	$ (0.016)	$ 2.324	$0.21	2.53
May	2022	2.324	$ 0.007	$ 2.331	$0.21	2.54
Jun	2022	2.359	$ 0.034	$ 2.393	$0.21	2.60
Jul	2022	2.399	$ 0.059	$ 2.458	$0.21	2.67
Aug	2022	2.411	$ 0.066	$ 2.477	$0.21	2.69
Sep	2022	2.404	$ 0.021	$ 2.425	$0.21	2.63
Oct	2022	2.430	$ 0.024	$ 2.454	$0.21	2.66
Nov	2022	2.492	$ 0.034	$ 2.526	$0.21	2.74
Dec	2022	2.674	$ 0.044	$ 2.718	$0.22	2.93
Jan	2023	2.799	$ 0.052	$ 2.851	$0.22	3.07
Feb	2023	2.767	$ 0.047	$ 2.814	$0.22	3.03
Mar	2023	2.646	$ (0.003)	$ 2.653	$0.21	2.87
Apr	2023	2.401	$ (0.008)	$ 2.393	$0.21	2.60
May	2023	2.385	$ 0.016	$ 2.401	$0.21	2.61
Jun	2023	2.476	$ 0.042	$ 2.468	$0.21	2.68
Jul	2023	2.466	$ 0.068	$ 2.534	$0.21	2.75
Aug	2023	2.481	$ 0.076	$ 2.557	$0.21	2.77
Sep	2023	2.476	$ 0.029	$ 2.505	$0.21	2.72
Oct	2023	2.505	$ 0.030	$ 2.535	$0.21	2.75
Nov	2023	2.580	$ 0.037	$ 2.617	$0.21	2.83
Dec	2023	2.760	$ 0.053	$ 2.813	$0.22	3.03
Jan	2024	2.883	$ 0.058	$ 2.941	$0.22	3.16
Feb	2024	2.854	$ 0.050	$ 2.903	$0.22	3.12
Mar	2024	2.742	$ (0.002)	$ 2.740	$0.22	2.96
Apr	2024	2.511	$ (0.007)	$ 2.503	$0.21	2.71
May	2024	2.501	$ 0.017	$ 2.518	$0.21	2.73
Jun	2024	2.537	$ 0.046	$ 2.583	$0.21	2.80
Jul	2024	2.579	$ 0.077	$ 2.656	$0.22	2.87
Aug	2024	2.594	$ 0.077	$ 2.671	$0.22	2.89
Sep	2024	2.590	$ 0.047	$ 2.636	$0.21	2.85
Oct	2024	2.611	$ 0.040	$ 2.651	$0.21	2.87
Nov	2024	2.687	$ 0.044	$ 2.731	$0.22	2.95
Dec	2024	2.860	$ 0.056	$ 2.916	$0.22	3.14
Jan	2025	2.961	$ 0.061	$ 3.022	$0.22	3.25
Feb	2025	2.947	$ 0.055	$ 3.003	$0.22	3.23
Mar	2025	2.864	$ (0.001)	$ 2.863	$0.22	3.08
Apr	2025	2.688	$ (0.011)	$ 2.677	$0.22	2.89
May	2025	2.692	$ 0.016	$ 2.707	$0.22	2.92
Jun	2025	2.727	$ 0.054	$ 2.781	$0.22	3.00
Jul	2025	2.807	$ 0.078	$ 2.886	$0.22	3.11
Aug	2025	2.831	$ 0.078	$ 2.908	$0.22	3.13
Sep	2025	2.739	$ 0.045	$ 2.784	$0.22	3.00
Oct	2025	2.754	$ 0.035	$ 2.789	$0.22	3.01
Nov	2025	2.829	$ 0.036	$ 2.865	$0.22	3.09
Dec	2025	2.987	$ 0.051	$ 3.038	$0.22	3.26
Jan	2026	3.084	$ 0.057	$ 3.140	$0.23	3.37
Feb	2026	3.076	$ 0.053	$ 3.129	$0.23	3.36
Mar	2026	2.994	$ (0.003)	$ 2.991	$0.22	3.21
Apr	2026	2.857	$ (0.001)	$ 2.856	$0.22	3.08
May	2026	2.868	$ 0.022	$ 2.890	$0.22	3.11
Jun	2026	2.914	$ 0.053	$ 2.967	$0.22	3.19
Jul	2026	3.053	$ 0.077	$ 3.130	$0.23	3.36
Aug	2026	3.085	$ 0.078	$ 3.163	$0.23	3.39
Sep	2026	3.022	$ 0.041	$ 3.063	$0.23	3.29
Oct	2026	3.013	$ 0.034	$ 3.047	$0.22	3.27
Nov	2026	3.078	$ 0.042	$ 3.120	$0.23	3.35
Dec	2026	3.243	$ 0.054	$ 3.297	$0.23	3.53
Jan	2027	3.321	$ 0.062	$ 3.383	$0.23	3.62
Feb	2027	3.333	$ 0.057	$ 3.390	$0.23	3.62
Mar	2027	3.278	$ (0.002)	$ 3.276	$0.23	3.51
Apr	2027	3.125	$ (0.002)	$ 3.123	$0.23	3.35
May	2027	3.145	$ 0.021	$ 3.166	$0.23	3.39
Jun	2027	3.207	$ 0.051	$ 3.258	$0.23	3.49
Jul	2027	3.410	$ 0.079	$ 3.489	$0.24	3.72
Aug	2027	3.447	$ 0.082	$ 3.529	$0.24	3.77
Sep	2027	3.434	$ 0.043	$ 3.477	$0.24	3.71
Oct	2027	3.325	$ 0.038	$ 3.364	$0.23	3.60
Nov	2027	3.393	$ 0.043	$ 3.435	$0.23	3.67
Dec	2027	3.568	$ 0.054	$ 3.622	$0.24	3.86
Jan	2028	3.556	$ 0.063	$ 3.618	$0.24	3.86
Feb	2028	3.576	$ 0.047	$ 3.623	$0.24	3.86
Mar	2028	3.501	$ (0.002)	$ 3.498	$0.24	3.73
Apr	2028	3.454	$ (0.006)	$ 3.448	$0.23	3.68
May	2028	3.483	$ 0.024	$ 3.506	$0.24	3.74
Jun	2028	3.644	$ 0.059	$ 3.703	$0.24	3.94
Jul	2028	3.656	$ 0.091	$ 3.747	$0.24	3.99
Aug	2028	3.698	$ 0.089	$ 3.788	$0.24	4.03
Sep	2028	3.748	$ 0.048	$ 3.795	$0.24	4.04
Oct	2028	3.729	$ 0.044	$ 3.772	$0.24	4.01
Nov	2028	3.780	$ 0.046	$ 3.826	$0.24	4.07
Dec	2028	4.008	$ 0.054	$ 4.062	$0.25	4.31
Jan	2029	4.026	$ 0.075	$ 4.102	$0.25	4.35
Feb	2029	4.051	$ 0.068	$ 4.120	$0.25	4.37
Mar	2029	3.866	$ 0.007	$ 3.873	$0.25	4.12
Apr	2029	3.878	$ 0.002	$ 3.880	$0.25	4.13
May	2029	3.934	$ 0.027	$ 3.961	$0.25	4.21
Jun	2029	4.041	$ 0.062	$ 4.102	$0.25	4.35
Jul	2029	3.805	$ 0.091	$ 3.896	$0.25	4.14
Aug	2029	3.833	$ 0.098	$ 3.931	$0.25	4.18
Sep	2029	3.935	$ 0.053	$ 3.988	$0.25	4.24
Oct	2029	3.926	$ 0.040	$ 3.967	$0.25	4.21
Nov	2029	3.843	$ 0.063	$ 3.906	$0.25	4.15
Dec	2029	4.020	$ 0.062	$ 4.083	$0.25	4.33
Jan	2030	4.004	$ 0.075	$ 4.079	$0.25	4.33
Feb	2030	4.029	$ 0.069	$ 4.098	$0.25	4.35
Mar	2030	3.934	$ 0.004	$ 3.937	$0.25	4.18
Apr	2030	3.906	$ (0.008)	$ 3.898	$0.25	4.14
May	2030	3.929	$ 0.029	$ 3.959	$0.25	4.21
Jun	2030	3.994	$ 0.069	$ 4.062	$0.25	4.31
Jul	2030	4.277	$ 0.104	$ 4.380	$0.26	4.64
Aug	2030	4.308	$ 0.113	$ 4.421	$0.26	4.68
Sep	2030	4.245	$ 0.056	$ 4.301	$0.26	4.56
Oct	2030	4.053	$ 0.053	$ 4.106	$0.25	4.36
Nov	2030	3.979	$ 0.056	$ 4.035	$0.25	4.28
Dec	2030	4.172	$ 0.064	$ 4.237	$0.25	4.49
Jan	2031	4.225	$ 0.098	$ 4.322	$0.26	4.58
Feb	2031	4.251	$ 0.092	$ 4.344	$0.26	4.60
Mar	2031	4.167	$ 0.019	$ 4.187	$0.25	4.44
Apr	2031	4.132	$ 0.000	$ 4.132	$0.25	4.38
May	2031	4.158	$ 0.055	$ 4.213	$0.25	4.47
Jun	2031	4.214	$ 0.082	$ 4.296	$0.26	4.55
Jul	2031	4.499	$ 0.116	$ 4.615	$0.26	4.88
Aug	2031	4.544	$ 0.139	$ 4.683	$0.27	4.95
Sep	2031	4.460	$ 0.086	$ 4.546	$0.26	4.81
Oct	2031	4.321	$ 0.082	$ 4.403	$0.26	4.66
Nov	2031	4.381	$ 0.066	$ 4.447	$0.26	4.71
Dec	2031	4.533	$ 0.082	$ 4.615	$0.26	4.88
Jan	2032	4.448	$ 0.106	$ 4.554	$0.26	4.82
Feb	2032	4.472	$ 0.077	$ 4.549	$0.26	4.81
Mar	2032	4.455	$ 0.050	$ 4.504	$0.26	4.77
Apr	2032	4.318	$ 0.026	$ 4.344	$0.26	4.60
May	2032	4.342	$ 0.069	$ 4.411	$0.26	4.67
Jun	2032	4.369	$ 0.095	$ 4.464	$0.26	4.72
Jul	2032	4.491	$ 0.136	$ 4.628	$0.26	4.89
Aug	2032	4.530	$ 0.159	$ 4.689	$0.27	4.95
Sep	2032	4.464	$ 0.091	$ 4.555	$0.26	4.82
Oct	2032	4.435	$ 0.088	$ 4.524	$0.26	4.79
Nov	2032	4.539	$ 0.053	$ 4.592	$0.26	4.86
Dec	2032	4.550	$ 0.072	$ 4.622	$0.26	4.89
Jan	2033	4.332	$ 0.093	$ 4.424	$0.26	4.68
Feb	2033	4.361	$ 0.091	$ 4.452	$0.26	4.71
Mar	2033	4.319	$ 0.022	$ 4.340	$0.26	4.60
Apr	2033	4.317	$ 0.016	$ 4.333	$0.26	4.59
May	2033	4.345	$ 0.032	$ 4.377	$0.26	4.64
Jun	2033	4.376	$ 0.080	$ 4.456	$0.26	4.72
Jul	2033	4.510	$ 0.119	$ 4.629	$0.26	4.89
Aug	2033	4.548	$ 0.127	$ 4.677	$0.27	4.94
Sep	2033	4.490	$ 0.068	$ 4.558	$0.26	4.82
Oct	2033	4.448	$ 0.053	$ 4.501	$0.26	4.76
Nov	2033	4.579	$ 0.033	$ 4.612	$0.26	4.88
Dec	2033	4.739	$ 0.047	$ 4.787	$0.27	5.06
Jan	2034	4.726	$ 0.080	$ 4.806	$0.27	5.07
Feb	2034	4.645	$ 0.056	$ 4.645	$0.26	4.91
Mar	2034	4.457	$ (0.008)	$ 4.450	$0.26	4.71
Apr	2034	4.404	$ 0.009	$ 4.413	$0.26	4.67
May	2034	4.433	$ 0.039	$ 4.472	$0.26	4.73
Jun	2034	4.462	$ 0.084	$ 4.546	$0.26	4.81
Jul	2034	4.676	$ 0.125	$ 4.801	$0.27	5.07
Aug	2034	4.712	$ 0.144	$ 4.856	$0.27	5.13
Sep	2034	4.623	$ 0.074	$ 4.697	$0.27	4.96
Oct	2034	4.509	$ 0.049	$ 4.558	$0.26	4.82
Nov	2034	4.704	$ 0.034	$ 4.738	$0.27	5.01
Dec	2034	4.869	$ 0.055	$ 4.924	$0.27	5.20
Jan	2035	4.897	$ 0.086	$ 4.983	$0.27	5.26
Feb	2035	4.922	$ 0.065	$ 4.987	$0.27	5.26
Mar	2035	4.772	$ 0.018	$ 4.791	$0.27	5.06
Apr	2035	4.557	$ 0.023	$ 4.580	$0.26	4.84
May	2035	4.585	$ 0.046	$ 4.632	$0.26	4.90
Jun	2035	4.615	$ 0.091	$ 4.706	$0.27	4.97
Jul	2035	4.853	$ 0.130	$ 4.983	$0.27	5.26
Aug	2035	4.894	$ 0.147	$ 5.031	$0.27	5.31
Sep	2035	4.802	$ 0.075	$ 4.877	$0.27	5.15
Oct	2035	4.679	$ 0.048	$ 4.727	$0.27	4.99
Nov	2035	4.719	$ 0.033	$ 4.752	$0.27	5.02
Dec	2035	4.950	$ 0.058	$ 4.908	$0.27	5.18
Jan	2036	4.798	$ 0.093	$ 4.891	$0.27	5.16
Feb	2036	4.819	$ 0.034	$ 4.853	$0.27	5.12
Mar	2036	4.738	$ 0.020	$ 4.758	$0.27	5.03
Apr	2036	4.553	$ 0.023	$ 4.575	$0.26	4.84
May	2036	4.581	$ 0.049	$ 4.631	$0.26	4.90
Jun	2036	4.615	$ 0.096	$ 4.711	$0.27	4.98
Jul	2036	4.751	$ 0.135	$ 4.886	$0.27	5.16
Aug	2036	4.785	$ 0.150	$ 4.935	$0.27	5.21
Sep	2036	4.762	$ 0.089	$ 4.851	$0.27	5.12
Oct	2036	4.730	$ 0.076	$ 4.806	$0.27	5.07
Nov	2036	4.794	$ 0.051	$ 4.845	$0.27	5.11
Dec	2036	5.013	$ 0.064	$ 5.077	$0.28	5.35
Jan	2037	5.030	$ 0.105	$ 5.135	$0.28	5.41
Feb	2037	5.061	$ 0.081	$ 5.143	$0.28	5.42
Mar	2037	4.986	$ 0.024	$ 5.011	$0.27	5.28
Apr	2037	4.842	$ 0.021	$ 4.863	$0.27	5.13
May	2037	4.872	$ 0.055	$ 4.927	$0.27	5.20
Jun	2037	4.921	$ 0.111	$ 5.032	$0.27	5.31
Jul	2037	5.132	$ 0.147	$ 5.279	$0.28	5.56
Aug	2037	5.166	$ 0.147	$ 5.312	$0.28	5.59
Sep	2037	5.095	$ 0.096	$ 5.190	$0.28	5.47
Oct	2037	5.039	$ 0.074	$ 5.113	$0.28	5.39
Nov	2037	5.103	$ 0.052	$ 5.155	$0.28	5.43
Dec	2037	5.316	$ 0.078	$ 5.394	$0.28	5.68
Jan	2038	5.338	$ 0.111	$ 5.449	$0.28	5.73
Feb	2038	5.371	$ 0.088	$ 5.459	$0.29	5.74
Mar	2038	5.288	$ 0.026	$ 5.314	$0.28	5.60
Apr	2038	5.108	$ 0.044	$ 5.152	$0.28	5.43
May	2038	5.139	$ 0.060	$ 5.199	$0.28	5.48
Jun	2038	5.176	$ 0.118	$ 5.294	$0.28	5.58
Jul	2038	5.323	$ 0.152	$ 5.475	$0.29	5.76
Aug	2038	5.361	$ 0.145	$ 5.506	$0.29	5.79
Sep	2038	5.240	$ 0.104	$ 5.344	$0.28	5.63
Oct	2038	5.187	$ 0.064	$ 5.251	$0.28	5.53
Nov	2038	5.273	$ 0.073	$ 5.347	$0.28	5.63
Dec	2038	5.462	$ 0.100	$ 5.562	$0.29	5.85
Jan	2039	5.479	$ 0.119	$ 5.598	$0.29	5.89
Feb	2039	5.513	$ 0.101	$ 5.614	$0.29	5.90
Mar	2039	5.381	$ 0.032	$ 5.413	$0.28	5.70
Apr	2039	5.036	$ 0.041	$ 5.077	$0.28	5.35
May	2039	5.065	$ 0.052	$ 5.117	$0.28	5.39
Jun	2039	5.097	$ 0.115	$ 5.212	$0.28	5.49
Jul	2039	5.149	$ 0.129	$ 5.277	$0.28	5.56
Aug	2039	5.194	$ 0.145	$ 5.740	$0.29	6.03
Sep	2039	5.570	$ 0.088	$ 5.658	$0.29	5.95
Oct	2039	5.363	$ 0.081	$ 5.444	$0.28	5.73
Nov	2039	5.424	$ 0.063	$ 5.487	$0.29	5.77
Dec	2039	5.590	$ 0.087	$ 5.677	$0.29	5.97
Jan	2040	5.550	$ 0.098	$ 5.648	$0.29	5.94
Feb	2040	5.579	$ 0.061	$ 5.640	$0.29	5.93
Mar	2040	5.488	$ 0.033	$ 5.521	$0.29	5.81
Apr	2040	5.306	$ 0.013	$ 5.320	$0.28	5.60
May	2040	5.337	$ 0.058	$ 5.395	$0.28	5.68
Jun	2040	5.383	$ 0.108	$ 5.490	$0.29	5.78
Jul	2040	5.580	$ 0.144	$ 5.724	$0.29	6.02
Aug	2040	5.614	$ 0.155	$ 5.768	$0.29	6.06
Sep	2040	5.602	$ 0.098	$ 5.701	$0.29	5.99
Oct	2040	5.477	$ 0.086	$ 5.563	$0.29	5.85
Nov	2040	5.535	$ 0.069	$ 5.604	$0.29	5.89
Dec	2040	5.724	$ 0.086	$ 5.810	$0.30	6.13
Jan	2041	5.766	$ 0.113	$ 5.879	$0.30	6.17
Feb	2041	5.788	$ 0.083	$ 5.871	$0.30	6.17
Mar	2041	5.665	$ 0.037	$ 5.702	$0.29	5.99
Apr	2041	5.459	$ 0.048	$ 5.506	$0.29	5.79
May	2041	5.492	$ 0.061	$ 5.553	$0.29	5.84
Jun	2041	5.551	$ 0.124	$ 5.674	$0.29	5.96
Jul	2041	5.794	$ 0.166	$ 5.961	$0.30	6.26
Aug	2041	5.829	$ 0.158	$ 5.987	$0.30	6.29
Sep	2041	5.731	$ 0.116	$ 5.847	$0.30	6.24
Oct	2041	5.639	$ 0.061	$ 5.700	$0.29	5.99
Nov	2041	5.743	$ 0.077	$ 5.820	$0.29	6.11
Dec	2041	5.906	$ 0.127	$ 6.033	$0.30	6.33
Jan	2042	5.890	$ 0.120	$ 6.010	$0.30	6.31
Feb	2042	5.914	$ 0.089	$ 6.003	$0.30	6.30
Mar	2042	5.789	$ 0.033	$ 5.822	$0.29	6.12
Apr	2042	5.627	$ 0.045	$ 5.672	$0.29	5.96
May	2042	5.662	$ 0.063	$ 5.725	$0.29	6.02
Jun	2042	5.717	$ 0.134	$ 5.851	$0.29	6.15
Jul	2042	6.009	$ 0.168	$ 6.176	$0.30	6.48
Aug	2042	6.046	$ 0.171	$ 6.217	$0.30	6.52
Sep	2042	6.026	$ 0.120	$ 6.147	$0.30	6.45
Oct	2042	5.820	$ 0.080	$ 5.900	$0.30	6.20
Nov	2042	5.852	$ 0.075	$ 5.927	$0.30	6.22
Dec	2042	6.037	$ 0.102	$ 6.139	$0.30	6.44
Jan	2043	6.007	$ 0.105	$ 6.112	$0.30	6.41
Feb	2043	6.026	$ 0.058	$ 6.085	$0.30	6.39
Mar	2043	5.909	$ 0.035	$ 5.944	$0.30	6.24
Apr	2043	5.704	$ 0.028	$ 5.732	$0.29	6.02
May	2043	5.739	$ 0.050	$ 5.789	$0.29	6.08
Jun	2043	5.782	$ 0.106	$ 5.888	$0.30	6.18
Jul	2043	6.064	$ 0.164	$ 6.229	$0.30	6.53
Aug	2043	6.101	$ 0.156	$ 6.257	$0.31	6.56
Sep	2043	6.120	$ 0.091	$ 6.211	$0.30	6.51
Oct	2043	5.992	$ 0.077	$ 5.969	$0.30	6.27
Nov	2043	5.943	$ 0.066	$ 6.010	$0.30	6.31
Dec	2043	6.136	$ 0.097	$ 6.233	$0.30	6.54
Jan	2044	6.140	$ 0.099	$ 6.251	$0.30	6.56
Feb	2044	6.179	$ 0.059	$ 6.238	$0.30	6.54
Mar	2044	6.050	$ 0.025	$ 6.075	$0.30	6.38
Apr	2044	5.943	$ 0.029	$ 5.968	$0.30	6.27
May	2044	5.974	$ 0.040	$ 6.013	$0.30	6.31
Jun	2044	6.010	$ 0.105	$ 6.115	$0.30	6.42
Jul	2044	6.286	$ 0.160	$ 6.446	$0.31	6.76
Aug	2044	6.324	$ 0.162	$ 6.486	$0.31	6.80
Sep	2044	6.312	$ 0.080	$ 6.393	$0.31	6.70
Oct	2044	6.153	$ 0.045	$ 6.198	$0.30	6.50
Nov	2044	6.248	$ 0.060	$ 6.308	$0.31	6.61
Dec	2044	6.442	$ 0.099	$ 6.541	$0.31	6.85
Jan	2045	6.424	$ 0.107	$ 6.531	$0.31	6.84
Feb	2045	6.462	$ 0.056	$ 6.518	$0.31	6.83
Mar	2045	6.358	$ 0.031	$ 6.390	$0.31	6.70
Apr	2045	6.212	$ 0.026	$ 6.238	$0.30	6.54
May	2045	6.245	$ 0.042	$ 6.287	$0.31	6.59
Jun	2045	6.283	$ 0.109	$ 6.393	$0.31	6.70
Jul	2045	6.574	$ 0.157	$ 6.731	$0.32	7.05
Aug	2045	6.615	$ 0.169	$ 6.784	$0.32	7.10
Sep	2045	6.627	$ 0.085	$ 6.711	$0.32	7.03
Oct	2045	6.430	$ 0.062	$ 6.492	$0.31	6.80
Nov	2045	6.614	$ 0.062	$ 6.596	$0.31	6.91
Dec	2045	6.728	$ 0.096	$ 6.824	$0.32	7.14
Jan	2046	6.739	$ 0.115	$ 6.854	$0.32	7.17
Feb	2046	6.760	$ 0.062	$ 6.821	$0.32	7.14
Mar	2046	6.602	$ 0.022	$ 6.624	$0.31	6.94
Apr	2046	6.418	$ 0.018	$ 6.436	$0.31	6.75
May	2046	6.446	$ 0.043	$ 6.489	$0.31	6.80
Jun	2046	6.484	$ 0.110	$ 6.594	$0.31	6.91
Jul	2046	6.815	$ 0.158	$ 6.973	$0.32	7.30
Aug	2046	6.958	$ 0.176	$ 7.034	$0.32	7.36
Sep	2046	6.836	$ 0.081	$ 6.917	$0.32	7.24
Oct	2046	6.620	$ 0.062	$ 6.682	$0.32	7.00
Nov	2046	6.680	$ 0.064	$ 6.745	$0.32	7.06
Dec	2046	6.855	$ 0.103	$ 6.959	$0.32	7.28
Jan	2047	6.873	$ 0.126	$ 6.999	$0.32	7.32
Feb	2047	6.885	$ 0.058	$ 6.943	$0.32	7.27
Mar	2047	6.640	$ 0.019	$ 6.659	$0.32	6.97
Apr	2047	6.485	$ 0.022	$ 6.507	$0.31	6.82
May	2047	6.511	$ 0.039	$ 6.550	$0.31	6.86
Jun	2047	6.549	$ 0.123	$ 6.673	$0.32	6.99
Jul	2047	6.870	$ 0.165	$ 7.035	$0.32	7.36
Aug	2047	6.913	$ 0.182	$ 7.096	$0.33	7.42
Sep	2047	6.910	$ 0.088	$ 6.998	$0.32	7.32
Oct	2047	6.787	$ 0.052	$ 6.839	$0.32	7.16
Nov	2047	6.847	$ 0.052	$ 6.899	$0.32	7.22
Dec	2047	6.974	$ 0.093	$ 6.967	$0.32	7.29
Jan	2048	6.803	$ 0.109	$ 6.912	$0.32	7.23
Feb	2048	6.836	$ 0.036	$ 6.872	$0.32	7.19
Mar	2048	6.697	$ 0.007	$ 6.689	$0.32	7.00
Apr	2048	6.585	$ 0.022	$ 6.607	$0.31	6.92
May	2048	6.622	$ 0.032	$ 6.655	$0.32	6.97
Jun	2048	6.

CONFIDENTIAL

DEF NATURAL GAS DISPATCH PRICES

Month	Year	Base HH Regular Supply Cost	Physical Basis FGT Z3	Base Cost Regular Supply Z3	GSNG MMBTU Variable Cost	GSNG Variable MMBTU Delivered Costs
Jan	2019	3.110	$ (0.046)	$ 3.064	$0.08	3.14
Feb	2019	2.690	$ (0.019)	$ 2.671	$0.07	2.74
Mar	2019	2.950	$ (0.003)	$ 2.947	$0.08	3.02
Apr	2019	2.650	$ (0.001)	$ 2.649	$0.07	2.72
May	2019	2.640	$ 0.005	$ 2.645	$0.07	2.71
Jun	2019	2.400	$ 0.037	$ 2.437	$0.07	2.50
Jul	2019	2.370	$ 0.048	$ 2.418	$0.07	2.48
Aug	2019	2.220	$ 0.056	$ 2.276	$0.06	2.34
Sep	2019	2.560	$ 0.016	$ 2.576	$0.07	2.64
Oct	2019	2.743	$ 0.010	$ 2.753	$0.07	2.82
Nov	2019	2.303	$ 0.012	$ 2.315	$0.06	2.38
Dec	2019	2.495	$ 0.023	$ 2.518	$0.07	2.59
Jan	2020	2.612	$ 0.035	$ 2.647	$0.07	2.72
Feb	2020	2.575	$ 0.024	$ 2.599	$0.07	2.67
Mar	2020	2.462	$ (0.020)	$ 2.442	$0.07	2.51
Apr	2020	2.247	$ (0.019)	$ 2.228	$0.06	2.29
May	2020	2.234	$ 0.005	$ 2.239	$0.06	2.30
Jun	2020	2.278	$ 0.026	$ 2.304	$0.06	2.37
Jul	2020	2.326	$ 0.048	$ 2.374	$0.06	2.44
Aug	2020	2.335	$ 0.055	$ 2.390	$0.07	2.46
Sep	2020	2.318	$ 0.012	$ 2.330	$0.06	2.39
Oct	2020	2.344	$ 0.016	$ 2.360	$0.06	2.42
Nov	2020	2.409	$ 0.025	$ 2.434	$0.07	2.50
Dec	2020	2.578	$ 0.034	$ 2.612	$0.07	2.68
Jan	2021	2.705	$ 0.038	$ 2.738	$0.07	2.81
Feb	2021	2.661	$ 0.033	$ 2.694	$0.07	2.76
Mar	2021	2.548	$ (0.015)	$ 2.533	$0.07	2.60
Apr	2021	2.264	$ (0.021)	$ 2.243	$0.06	2.33
May	2021	2.260	$ 0.005	$ 2.265	$0.06	2.33
Jun	2021	2.294	$ 0.025	$ 2.319	$0.06	2.38
Jul	2021	2.332	$ 0.047	$ 2.379	$0.06	2.44
Aug	2021	2.339	$ 0.058	$ 2.397	$0.07	2.46
Sep	2021	2.328	$ 0.011	$ 2.339	$0.06	2.40
Oct	2021	2.354	$ 0.018	$ 2.372	$0.06	2.44
Nov	2021	2.424	$ 0.027	$ 2.451	$0.07	2.52
Dec	2021	2.603	$ 0.038	$ 2.641	$0.07	2.71
Jan	2022	2.729	$ 0.041	$ 2.770	$0.07	2.84
Feb	2022	2.702	$ 0.036	$ 2.738	$0.07	2.81
Mar	2022	2.595	$ (0.013)	$ 2.582	$0.07	2.65
Apr	2022	2.340	$ (0.016)	$ 2.324	$0.06	2.39
May	2022	2.324	$ 0.007	$ 2.331	$0.06	2.39
Jun	2022	2.359	$ 0.034	$ 2.393	$0.07	2.46
Jul	2022	2.399	$ 0.059	$ 2.458	$0.07	2.52
Aug	2022	2.411	$ 0.066	$ 2.477	$0.07	2.54
Sep	2022	2.404	$ 0.021	$ 2.425	$0.07	2.49
Oct	2022	2.430	$ 0.024	$ 2.454	$0.07	2.52
Nov	2022	2.492	$ 0.034	$ 2.526	$0.07	2.59
Dec	2022	2.674	$ 0.044	$ 2.718	$0.07	2.79
Jan	2023	2.799	$ 0.052	$ 2.851	$0.07	2.92
Feb	2023	2.767	$ 0.047	$ 2.814	$0.07	2.89
Mar	2023	2.656	$ (0.003)	$ 2.653	$0.07	2.72
Apr	2023	2.401	$ (0.008)	$ 2.393	$0.07	2.46
May	2023	2.395	$ 0.016	$ 2.401	$0.07	2.47
Jun	2023	2.426	$ 0.042	$ 2.468	$0.07	2.53
Jul	2023	2.466	$ 0.068	$ 2.534	$0.07	2.60
Aug	2023	2.481	$ 0.076	$ 2.557	$0.07	2.63
Sep	2023	2.476	$ 0.029	$ 2.505	$0.07	2.57
Oct	2023	2.505	$ 0.030	$ 2.535	$0.07	2.60
Nov	2023	2.580	$ 0.037	$ 2.617	$0.07	2.69
Dec	2023	2.760	$ 0.053	$ 2.813	$0.07	2.89
Jan	2024	2.883	$ 0.058	$ 2.941	$0.08	3.02
Feb	2024	2.854	$ 0.050	$ 2.903	$0.07	2.98
Mar	2024	2.742	$ (0.002)	$ 2.740	$0.07	2.81
Apr	2024	2.511	$ (0.007)	$ 2.503	$0.07	2.57
May	2024	2.501	$ 0.017	$ 2.519	$0.07	2.59
Jun	2024	2.537	$ 0.046	$ 2.583	$0.07	2.65
Jul	2024	2.579	$ 0.077	$ 2.656	$0.07	2.73
Aug	2024	2.594	$ 0.077	$ 2.671	$0.07	2.74
Sep	2024	2.590	$ 0.047	$ 2.636	$0.07	2.71
Oct	2024	2.611	$ 0.040	$ 2.651	$0.07	2.72
Nov	2024	2.687	$ 0.044	$ 2.731	$0.07	2.80
Dec	2024	2.860	$ 0.056	$ 2.916	$0.07	2.99
Jan	2025	2.961	$ 0.061	$ 3.022	$0.08	3.10
Feb	2025	2.947	$ 0.055	$ 3.003	$0.08	3.08
Mar	2025	2.864	$ (0.001)	$ 2.863	$0.07	2.94
Apr	2025	2.688	$ (0.011)	$ 2.677	$0.07	2.75
May	2025	2.692	$ 0.016	$ 2.707	$0.07	2.78
Jun	2025	2.727	$ 0.054	$ 2.781	$0.07	2.85
Jul	2025	2.807	$ 0.078	$ 2.886	$0.07	2.96
Aug	2025	2.831	$ 0.078	$ 2.908	$0.07	2.98
Sep	2025	2.739	$ 0.045	$ 2.784	$0.07	2.86
Oct	2025	2.754	$ 0.035	$ 2.789	$0.07	2.86
Nov	2025	2.829	$ 0.036	$ 2.865	$0.07	2.94
Dec	2025	2.987	$ 0.051	$ 3.038	$0.08	3.12
Jan	2026	3.084	$ 0.057	$ 3.140	$0.08	3.22
Feb	2026	3.076	$ 0.053	$ 3.129	$0.08	3.21
Mar	2026	2.994	$ (0.003)	$ 2.991	$0.08	3.07
Apr	2026	2.857	$ (0.001)	$ 2.856	$0.07	2.93
May	2026	2.868	$ 0.022	$ 2.890	$0.07	2.96
Jun	2026	2.914	$ 0.053	$ 2.967	$0.08	3.04
Jul	2026	3.053	$ 0.077	$ 3.130	$0.08	3.21
Aug	2026	3.085	$ 0.078	$ 3.163	$0.08	3.24
Sep	2026	3.022	$ 0.041	$ 3.063	$0.08	3.14
Oct	2026	3.013	$ 0.034	$ 3.047	$0.08	3.12
Nov	2026	3.078	$ 0.042	$ 3.120	$0.08	3.20
Dec	2026	3.243	$ 0.054	$ 3.297	$0.08	3.38
Jan	2027	3.321	$ 0.062	$ 3.383	$0.08	3.47
Feb	2027	3.333	$ 0.057	$ 3.390	$0.08	3.47
Mar	2027	3.278	$ (0.002)	$ 3.276	$0.08	3.36
Apr	2027	3.124	$ (0.002)	$ 3.123	$0.08	3.20
May	2027	3.145	$ 0.021	$ 3.166	$0.08	3.25
Jun	2027	3.207	$ 0.051	$ 3.258	$0.08	3.34
Jul	2027	3.410	$ 0.079	$ 3.489	$0.09	3.57
Aug	2027	3.447	$ 0.082	$ 3.529	$0.09	3.62
Sep	2027	3.434	$ 0.043	$ 3.477	$0.09	3.56
Oct	2027	3.326	$ 0.038	$ 3.364	$0.08	3.45
Nov	2027	3.392	$ 0.043	$ 3.435	$0.08	3.52
Dec	2027	3.568	$ 0.054	$ 3.622	$0.09	3.71
Jan	2028	3.556	$ 0.063	$ 3.618	$0.09	3.71
Feb	2028	3.576	$ 0.047	$ 3.623	$0.09	3.71
Mar	2028	3.501	$ (0.002)	$ 3.498	$0.09	3.58
Apr	2028	3.454	$ (0.006)	$ 3.448	$0.08	3.53
May	2028	3.483	$ 0.024	$ 3.506	$0.09	3.59
Jun	2028	3.644	$ 0.059	$ 3.703	$0.09	3.79
Jul	2028	3.656	$ 0.091	$ 3.747	$0.09	3.84
Aug	2028	3.698	$ 0.089	$ 3.788	$0.09	3.88
Sep	2028	3.748	$ 0.048	$ 3.795	$0.09	3.89
Oct	2028	3.729	$ 0.044	$ 3.772	$0.09	3.86
Nov	2028	3.780	$ 0.046	$ 3.826	$0.09	3.92
Dec	2028	4.008	$ 0.054	$ 4.062	$0.10	4.16
Jan	2029	4.026	$ 0.075	$ 4.102	$0.10	4.20
Feb	2029	4.053	$ 0.068	$ 4.120	$0.10	4.22
Mar	2029	3.865	$ 0.007	$ 3.873	$0.09	3.97
Apr	2029	3.878	$ 0.002	$ 3.880	$0.09	3.97
May	2029	3.934	$ 0.027	$ 3.961	$0.09	4.06
Jun	2029	4.041	$ 0.062	$ 4.102	$0.10	4.20
Jul	2029	3.805	$ 0.091	$ 3.896	$0.09	3.99
Aug	2029	3.835	$ 0.098	$ 3.933	$0.09	4.03
Sep	2029	3.935	$ 0.053	$ 3.988	$0.10	4.08
Oct	2029	3.926	$ 0.040	$ 3.967	$0.09	4.06
Nov	2029	3.943	$ 0.063	$ 3.906	$0.09	4.00
Dec	2029	4.020	$ 0.062	$ 4.083	$0.10	4.18
Jan	2030	4.004	$ 0.075	$ 4.079	$0.10	4.18
Feb	2030	4.029	$ 0.069	$ 4.098	$0.10	4.20
Mar	2030	3.934	$ 0.004	$ 3.937	$0.09	4.03
Apr	2030	3.906	$ (0.008)	$ 3.898	$0.09	3.99
May	2030	3.929	$ 0.029	$ 3.959	$0.09	4.05
Jun	2030	3.994	$ 0.069	$ 4.062	$0.10	4.16
Jul	2030	4.277	$ 0.104	$ 4.380	$0.10	4.48
Aug	2030	4.308	$ 0.113	$ 4.421	$0.10	4.52
Sep	2030	4.245	$ 0.056	$ 4.301	$0.10	4.40
Oct	2030	4.053	$ 0.053	$ 4.106	$0.10	4.20
Nov	2030	3.979	$ 0.056	$ 4.035	$0.10	4.13
Dec	2030	4.172	$ 0.064	$ 4.237	$0.10	4.34
Jan	2031	4.225	$ 0.098	$ 4.322	$0.10	4.42
Feb	2031	4.251	$ 0.092	$ 4.344	$0.10	4.45
Mar	2031	4.167	$ 0.019	$ 4.187	$0.10	4.29
Apr	2031	4.132	$ 0.000	$ 4.132	$0.10	4.23
May	2031	4.158	$ 0.055	$ 4.213	$0.10	4.31
Jun	2031	4.214	$ 0.082	$ 4.296	$0.10	4.40
Jul	2031	4.499	$ 0.116	$ 4.615	$0.11	4.72
Aug	2031	4.544	$ 0.139	$ 4.683	$0.11	4.79
Sep	2031	4.460	$ 0.086	$ 4.546	$0.11	4.65
Oct	2031	4.321	$ 0.082	$ 4.403	$0.10	4.51
Nov	2031	4.381	$ 0.066	$ 4.447	$0.10	4.55
Dec	2031	4.599	$ 0.082	$ 4.615	$0.11	4.72
Jan	2032	4.448	$ 0.106	$ 4.554	$0.11	4.66
Feb	2032	4.472	$ 0.077	$ 4.549	$0.11	4.65
Mar	2032	4.455	$ 0.050	$ 4.504	$0.10	4.61
Apr	2032	4.318	$ 0.026	$ 4.344	$0.10	4.45
May	2032	4.342	$ 0.069	$ 4.411	$0.10	4.51
Jun	2032	4.369	$ 0.095	$ 4.464	$0.10	4.57
Jul	2032	4.491	$ 0.136	$ 4.628	$0.11	4.74
Aug	2032	4.530	$ 0.159	$ 4.689	$0.11	4.80
Sep	2032	4.464	$ 0.091	$ 4.555	$0.11	4.66
Oct	2032	4.435	$ 0.088	$ 4.524	$0.11	4.63
Nov	2032	4.539	$ 0.053	$ 4.592	$0.11	4.70
Dec	2032	4.550	$ 0.072	$ 4.622	$0.11	4.73
Jan	2033	4.332	$ 0.093	$ 4.424	$0.10	4.53
Feb	2033	4.361	$ 0.091	$ 4.452	$0.10	4.56
Mar	2033	4.319	$ 0.022	$ 4.340	$0.10	4.44
Apr	2033	4.317	$ 0.016	$ 4.333	$0.10	4.43
May	2033	4.345	$ 0.032	$ 4.377	$0.10	4.48
Jun	2033	4.376	$ 0.080	$ 4.456	$0.10	4.56
Jul	2033	4.510	$ 0.119	$ 4.629	$0.11	4.74
Aug	2033	4.549	$ 0.127	$ 4.677	$0.11	4.79
Sep	2033	4.490	$ 0.068	$ 4.558	$0.11	4.66
Oct	2033	4.448	$ 0.053	$ 4.501	$0.10	4.61
Nov	2033	4.579	$ 0.033	$ 4.612	$0.11	4.72
Dec	2033	4.739	$ 0.047	$ 4.787	$0.11	4.90
Jan	2034	4.796	$ 0.080	$ 4.876	$0.11	4.92
Feb	2034	4.580	$ 0.056	$ 4.645	$0.11	4.75
Mar	2034	4.457	$ (0.008)	$ 4.450	$0.10	4.55
Apr	2034	4.404	$ 0.009	$ 4.413	$0.10	4.52
May	2034	4.433	$ 0.039	$ 4.472	$0.10	4.58
Jun	2034	4.462	$ 0.084	$ 4.546	$0.11	4.65
Jul	2034	4.676	$ 0.125	$ 4.801	$0.11	4.91
Aug	2034	4.712	$ 0.144	$ 4.856	$0.11	4.97
Sep	2034	4.623	$ 0.074	$ 4.697	$0.11	4.81
Oct	2034	4.509	$ 0.049	$ 4.558	$0.11	4.66
Nov	2034	4.704	$ 0.034	$ 4.738	$0.11	4.85
Dec	2034	4.869	$ 0.055	$ 4.924	$0.11	5.04
Jan	2035	4.897	$ 0.086	$ 4.983	$0.11	5.10
Feb	2035	4.922	$ 0.065	$ 4.987	$0.11	5.10
Mar	2035	4.772	$ 0.018	$ 4.791	$0.11	4.90
Apr	2035	4.557	$ 0.023	$ 4.580	$0.11	4.69
May	2035	4.586	$ 0.046	$ 4.632	$0.11	4.74
Jun	2035	4.615	$ 0.091	$ 4.706	$0.11	4.81
Jul	2035	4.853	$ 0.130	$ 4.983	$0.11	5.10
Aug	2035	4.894	$ 0.147	$ 5.031	$0.11	5.15
Sep	2035	4.802	$ 0.075	$ 4.877	$0.11	4.99
Oct	2035	4.679	$ 0.048	$ 4.727	$0.11	4.84
Nov	2035	4.719	$ 0.033	$ 4.752	$0.11	4.86
Dec	2035	4.850	$ 0.058	$ 4.908	$0.11	5.02
Jan	2036	4.798	$ 0.093	$ 4.891	$0.11	5.00
Feb	2036	4.819	$ 0.034	$ 4.853	$0.11	4.96
Mar	2036	4.738	$ 0.020	$ 4.758	$0.11	4.87
Apr	2036	4.553	$ 0.023	$ 4.575	$0.11	4.68
May	2036	4.581	$ 0.049	$ 4.631	$0.11	4.74
Jun	2036	4.615	$ 0.096	$ 4.711	$0.11	4.82
Jul	2036	4.751	$ 0.135	$ 4.886	$0.11	5.00
Aug	2036	4.785	$ 0.150	$ 4.935	$0.11	5.05
Sep	2036	4.762	$ 0.089	$ 4.851	$0.11	4.96
Oct	2036	4.730	$ 0.076	$ 4.806	$0.11	4.92
Nov	2036	4.794	$ 0.051	$ 4.845	$0.11	4.96
Dec	2036	5.013	$ 0.064	$ 5.077	$0.12	5.19
Jan	2037	5.030	$ 0.105	$ 5.135	$0.12	5.25
Feb	2037	5.061	$ 0.081	$ 5.143	$0.12	5.26
Mar	2037	4.986	$ 0.024	$ 5.011	$0.11	5.13
Apr	2037	4.842	$ 0.021	$ 4.863	$0.11	4.97
May	2037	4.872	$ 0.055	$ 4.927	$0.11	5.04
Jun	2037	4.971	$ 0.111	$ 5.032	$0.11	5.15
Jul	2037	5.132	$ 0.147	$ 5.279	$0.12	5.40
Aug	2037	5.166	$ 0.147	$ 5.312	$0.12	5.43
Sep	2037	5.094	$ 0.096	$ 5.190	$0.12	5.31
Oct	2037	5.039	$ 0.074	$ 5.113	$0.12	5.23
Nov	2037	5.103	$ 0.052	$ 5.155	$0.12	5.27
Dec	2037	5.316	$ 0.078	$ 5.394	$0.12	5.52
Jan	2038	5.338	$ 0.111	$ 5.449	$0.12	5.57
Feb	2038	5.371	$ 0.088	$ 5.459	$0.12	5.58
Mar	2038	5.288	$ 0.026	$ 5.314	$0.12	5.43
Apr	2038	5.108	$ 0.044	$ 5.152	$0.12	5.27
May	2038	5.139	$ 0.060	$ 5.199	$0.12	5.32
Jun	2038	5.176	$ 0.118	$ 5.294	$0.12	5.41
Jul	2038	5.323	$ 0.152	$ 5.475	$0.12	5.60
Aug	2038	5.361	$ 0.145	$ 5.506	$0.12	5.63
Sep	2038	5.240	$ 0.104	$ 5.344	$0.12	5.46
Oct	2038	5.187	$ 0.064	$ 5.251	$0.12	5.37
Nov	2038	5.273	$ 0.073	$ 5.347	$0.12	5.47
Dec	2038	5.462	$ 0.100	$ 5.562	$0.12	5.69
Jan	2039	5.479	$ 0.119	$ 5.598	$0.13	5.72
Feb	2039	5.513	$ 0.101	$ 5.614	$0.13	5.74
Mar	2039	5.381	$ 0.032	$ 5.413	$0.12	5.54
Apr	2039	5.038	$ 0.041	$ 5.077	$0.12	5.19
May	2039	5.065	$ 0.052	$ 5.117	$0.12	5.23
Jun	2039	5.097	$ 0.115	$ 5.212	$0.12	5.33
Jul	2039	5.149	$ 0.129	$ 5.277	$0.12	5.40
Aug	2039	5.594	$ 0.145	$ 5.740	$0.13	5.87
Sep	2039	5.570	$ 0.088	$ 5.658	$0.13	5.78
Oct	2039	5.365	$ 0.081	$ 5.444	$0.12	5.57
Nov	2039	5.424	$ 0.063	$ 5.487	$0.12	5.61
Dec	2039	5.590	$ 0.087	$ 5.677	$0.13	5.80
Jan	2040	5.650	$ 0.098	$ 5.748	$0.13	5.77
Feb	2040	5.579	$ 0.061	$ 5.640	$0.13	5.77
Mar	2040	5.488	$ 0.033	$ 5.521	$0.12	5.65
Apr	2040	5.306	$ 0.013	$ 5.320	$0.12	5.44
May	2040	5.337	$ 0.058	$ 5.395	$0.12	5.52
Jun	2040	5.383	$ 0.108	$ 5.490	$0.12	5.61
Jul	2040	5.580	$ 0.144	$ 5.724	$0.13	5.85
Aug	2040	5.614	$ 0.155	$ 5.768	$0.13	5.90
Sep	2040	5.602	$ 0.098	$ 5.701	$0.13	5.83
Oct	2040	5.477	$ 0.086	$ 5.563	$0.12	5.69
Nov	2040	5.535	$ 0.069	$ 5.604	$0.13	5.73
Dec	2040	5.724	$ 0.111	$ 5.836	$0.13	5.97
Jan	2041	5.766	$ 0.113	$ 5.879	$0.13	6.01
Feb	2041	5.788	$ 0.083	$ 5.871	$0.13	6.00
Mar	2041	5.665	$ 0.037	$ 5.702	$0.13	5.83
Apr	2041	5.459	$ 0.048	$ 5.506	$0.12	5.63
May	2041	5.492	$ 0.061	$ 5.553	$0.12	5.68
Jun	2041	5.551	$ 0.124	$ 5.674	$0.13	5.80
Jul	2041	5.794	$ 0.166	$ 5.961	$0.13	6.09
Aug	2041	5.829	$ 0.158	$ 5.987	$0.13	6.12
Sep	2041	5.831	$ 0.116	$ 5.947	$0.13	6.08
Oct	2041	5.639	$ 0.061	$ 5.700	$0.13	5.83
Nov	2041	5.725	$ 0.077	$ 5.820	$0.13	5.95
Dec	2041	5.905	$ 0.127	$ 6.033	$0.13	6.17
Jan	2042	5.890	$ 0.120	$ 6.010	$0.13	6.14
Feb	2042	5.914	$ 0.089	$ 6.003	$0.13	6.14
Mar	2042	5.789	$ 0.033	$ 5.822	$0.13	5.95
Apr	2042	5.627	$ 0.045	$ 5.672	$0.13	5.80
May	2042	5.662	$ 0.063	$ 5.725	$0.13	5.85
Jun	2042	5.717	$ 0.134	$ 5.851	$0.13	5.98
Jul	2042	6.009	$ 0.168	$ 6.176	$0.14	6.31
Aug	2042	6.046	$ 0.171	$ 6.217	$0.14	6.35
Sep	2042	6.026	$ 0.120	$ 6.147	$0.14	6.28
Oct	2042	5.820	$ 0.080	$ 5.900	$0.13	6.03
Nov	2042	5.852	$ 0.075	$ 5.927	$0.13	6.06
Dec	2042	6.037	$ 0.102	$ 6.139	$0.14	6.27
Jan	2043	6.007	$ 0.105	$ 6.112	$0.14	6.25
Feb	2043	6.026	$ 0.058	$ 6.085	$0.13	6.22
Mar	2043	5.909	$ 0.035	$ 5.944	$0.13	6.08
Apr	2043	5.704	$ 0.028	$ 5.732	$0.13	5.86
May	2043	5.729	$ 0.050	$ 5.789	$0.13	5.92
Jun	2043	5.782	$ 0.106	$ 5.888	$0.13	6.02
Jul	2043	6.064	$ 0.164	$ 6.229	$0.14	6.37
Aug	2043	6.101	$ 0.156	$ 6.257	$0.14	6.39
Sep	2043	6.170	$ 0.091	$ 6.211	$0.14	6.35
Oct	2043	5.892	$ 0.077	$ 5.969	$0.13	6.10
Nov	2043	5.943	$ 0.066	$ 6.010	$0.13	6.14
Dec	2043	6.196	$ 0.097	$ 6.293	$0.14	6.37
Jan	2044	6.152	$ 0.099	$ 6.251	$0.14	6.39
Feb	2044	6.179	$ 0.059	$ 6.238	$0.14	6.38
Mar	2044	6.050	$ 0.025	$ 6.075	$0.13	6.21
Apr	2044	5.939	$ 0.029	$ 5.968	$0.13	6.10
May	2044	5.974	$ 0.040	$ 6.013	$0.13	6.15
Jun	2044	6.010	$ 0.105	$ 6.115	$0.14	6.25
Jul	2044	6.285	$ 0.160	$ 6.446	$0.14	6.59
Aug	2044	6.324	$ 0.162	$ 6.486	$0.14	6.63
Sep	2044	6.312	$ 0.080	$ 6.393	$0.14	6.53
Oct	2044	6.153	$ 0.045	$ 6.198	$0.14	6.33
Nov	2044	6.248	$ 0.060	$ 6.308	$0.14	6.45
Dec	2044	6.442	$ 0.099	$ 6.541	$0.14	6.68
Jan	2045	6.424	$ 0.107	$ 6.531	$0.14	6.67
Feb	2045	6.462	$ 0.056	$ 6.518	$0.14	6.66
Mar	2045	6.358	$ 0.031	$ 6.390	$0.14	6.53
Apr	2045	6.212	$ 0.026	$ 6.238	$0.14	6.38
May	2045	6.245	$ 0.042	$ 6.287	$0.14	6.43
Jun	2045	6.283	$ 0.109	$ 6.393	$0.14	6.53
Jul	2045	6.574	$ 0.157	$ 6.731	$0.15	6.88
Aug	2045	6.615	$ 0.169	$ 6.784	$0.15	6.93
Sep	2045	6.627	$ 0.085	$ 6.711	$0.15	6.86
Oct	2045	6.429	$ 0.062	$ 6.492	$0.14	6.63
Nov	2045	6.534	$ 0.062	$ 6.596	$0.14	6.74
Dec	2045	6.728	$ 0.096	$ 6.824	$0.15	6.97
Jan	2046	6.739	$ 0.115	$ 6.854	$0.15	7.00
Feb	2046	6.760	$ 0.062	$ 6.821	$0.15	6.97
Mar	2046	6.602	$ 0.022	$ 6.624	$0.14	6.77
Apr	2046	6.418	$ 0.018	$ 6.436	$0.14	6.58
May	2046	6.446	$ 0.043	$ 6.489	$0.14	6.63
Jun	2046	6.484	$ 0.110	$ 6.594	$0.14	6.74
Jul	2046	6.815	$ 0.158	$ 6.973	$0.15	7.12
Aug	2046	6.858	$ 0.176	$ 7.034	$0.15	7.19
Sep	2046	6.836	$ 0.081	$ 6.917	$0.15	7.07
Oct	2046	6.620	$ 0.062	$ 6.682	$0.15	6.83
Nov	2046	6.680	$ 0.064	$ 6.745	$0.15	6.89
Dec	2046	6.855	$ 0.103	$ 6.959	$0.15	7.11
Jan	2047	6.873	$ 0.126	$ 6.999	$0.15	7.15
Feb	2047	6.885	$ 0.058	$ 6.943	$0.15	7.09
Mar	2047	6.640	$ 0.019	$ 6.659	$0.15	6.80
Apr	2047	6.485	$ 0.022	$ 6.507	$0.14	6.65
May	2047	6.511	$ 0.039	$ 6.550	$0.14	6.69
Jun	2047	6.549	$ 0.123	$ 6.673	$0.15	6.82
Jul	2047	6.870	$ 0.165	$ 7.035	$0.15	7.19
Aug	2047	6.913	$ 0.182	$ 7.096	$0.15	7.25
Sep	2047	6.910	$ 0.088	$ 6.998	$0.15	7.15
Oct	2047	6.787	$ 0.052	$ 6.839	$0.15	6.99
Nov	2047	6.947	$ 0.052	$ 6.899	$0.15	7.05
Dec	2047	6.874	$ 0.093	$ 6.967	$0.15	7.12
Jan	2048	6.803	$ 0.109	$ 6.912	$0.15	7.06
Feb	2048	6.836	$ 0.036	$ 6.872	$0.15	7.02
Mar	2048	6.682	$ 0.007	$ 6.689	$0.15	6.84
Apr	2048	6.585	$ 0.022	$ 6.607	$0.14	6.75
May	2048	6.623	$ 0.032	$ 6.655	$0.15	6.80
Jun	2048	6.691	$ 0.099	$ 6.790	$0.15

CONFIDENTIAL

DEF NATURAL GAS DISPATCH PRICES

Month	Year	Base HH Regular Supply Cost	Physical Basis FGT Z3	Base Cost Regular Supply Z3	GSNG MMBTU Variable Cost	GSNG Variable MMBTU Delivered Costs
Jan	2019	3.110	$ (0.040)	$ 3.064	$0.13	3.20
Feb	2019	2.690	$ (0.019)	$ 2.671	$0.12	2.79
Mar	2019	2.950	$ (0.003)	$ 2.947	$0.13	3.08
Apr	2019	2.650	$ (0.001)	$ 2.649	$0.12	2.77
May	2019	2.640	$ 0.005	$ 2.645	$0.12	2.76
Jun	2019	2.400	$ 0.037	$ 2.437	$0.11	2.55
Jul	2019	2.370	$ 0.048	$ 2.418	$0.11	2.53
Aug	2019	2.220	$ 0.056	$ 2.276	$0.11	2.38
Sep	2019	2.560	$ 0.016	$ 2.576	$0.12	2.69
Oct	2019	2.743	$ 0.010	$ 2.753	$0.12	2.87
Nov	2019	2.303	$ 0.012	$ 2.315	$0.11	2.42
Dec	2019	2.495	$ 0.023	$ 2.518	$0.11	2.63
Jan	2020	2.612	$ 0.035	$ 2.647	$0.12	2.77
Feb	2020	2.575	$ 0.024	$ 2.599	$0.12	2.72
Mar	2020	2.462	$ (0.020)	$ 2.442	$0.11	2.55
Apr	2020	2.247	$ (0.019)	$ 2.228	$0.10	2.33
May	2020	2.234	$ 0.005	$ 2.239	$0.10	2.34
Jun	2020	2.278	$ 0.026	$ 2.304	$0.11	2.41
Jul	2020	2.326	$ 0.048	$ 2.374	$0.11	2.48
Aug	2020	2.335	$ 0.055	$ 2.390	$0.11	2.50
Sep	2020	2.318	$ 0.012	$ 2.330	$0.11	2.44
Oct	2020	2.344	$ 0.016	$ 2.360	$0.11	2.47
Nov	2020	2.409	$ 0.025	$ 2.434	$0.11	2.54
Dec	2020	2.578	$ 0.034	$ 2.612	$0.12	2.73
Jan	2021	2.700	$ 0.038	$ 2.738	$0.12	2.86
Feb	2021	2.661	$ 0.033	$ 2.694	$0.12	2.81
Mar	2021	2.548	$ (0.015)	$ 2.533	$0.11	2.65
Apr	2021	2.284	$ (0.021)	$ 2.263	$0.10	2.37
May	2021	2.260	$ 0.005	$ 2.265	$0.10	2.37
Jun	2021	2.294	$ 0.025	$ 2.319	$0.11	2.43
Jul	2021	2.332	$ 0.047	$ 2.379	$0.11	2.49
Aug	2021	2.339	$ 0.058	$ 2.397	$0.11	2.51
Sep	2021	2.328	$ 0.011	$ 2.339	$0.11	2.45
Oct	2021	2.354	$ 0.018	$ 2.372	$0.11	2.48
Nov	2021	2.424	$ 0.027	$ 2.451	$0.11	2.56
Dec	2021	2.603	$ 0.038	$ 2.641	$0.12	2.76
Jan	2022	2.729	$ 0.041	$ 2.770	$0.12	2.89
Feb	2022	2.702	$ 0.036	$ 2.738	$0.12	2.86
Mar	2022	2.595	$ (0.013)	$ 2.582	$0.12	2.70
Apr	2022	2.340	$ (0.016)	$ 2.324	$0.11	2.43
May	2022	2.324	$ 0.007	$ 2.331	$0.11	2.44
Jun	2022	2.359	$ 0.034	$ 2.393	$0.11	2.50
Jul	2022	2.399	$ 0.059	$ 2.458	$0.11	2.57
Aug	2022	2.411	$ 0.066	$ 2.477	$0.11	2.59
Sep	2022	2.404	$ 0.021	$ 2.425	$0.11	2.54
Oct	2022	2.430	$ 0.024	$ 2.454	$0.11	2.57
Nov	2022	2.492	$ 0.034	$ 2.526	$0.11	2.64
Dec	2022	2.674	$ 0.044	$ 2.718	$0.12	2.84
Jan	2023	2.799	$ 0.052	$ 2.851	$0.13	2.98
Feb	2023	2.767	$ 0.047	$ 2.814	$0.12	2.94
Mar	2023	2.666	$ (0.003)	$ 2.653	$0.12	2.77
Apr	2023	2.401	$ (0.008)	$ 2.393	$0.11	2.50
May	2023	2.385	$ 0.016	$ 2.401	$0.11	2.51
Jun	2023	2.426	$ 0.042	$ 2.468	$0.11	2.58
Jul	2023	2.466	$ 0.068	$ 2.534	$0.11	2.65
Aug	2023	2.481	$ 0.076	$ 2.557	$0.11	2.67
Sep	2023	2.474	$ 0.029	$ 2.505	$0.11	2.62
Oct	2023	2.505	$ 0.030	$ 2.535	$0.11	2.65
Nov	2023	2.580	$ 0.037	$ 2.617	$0.12	2.73
Dec	2023	2.760	$ 0.053	$ 2.813	$0.12	2.94
Jan	2024	2.883	$ 0.058	$ 2.941	$0.13	3.07
Feb	2024	2.854	$ 0.050	$ 2.903	$0.13	3.03
Mar	2024	2.742	$ (0.002)	$ 2.740	$0.12	2.86
Apr	2024	2.511	$ (0.007)	$ 2.503	$0.11	2.62
May	2024	2.501	$ 0.017	$ 2.519	$0.11	2.63
Jun	2024	2.537	$ 0.046	$ 2.583	$0.12	2.70
Jul	2024	2.579	$ 0.077	$ 2.656	$0.12	2.77
Aug	2024	2.594	$ 0.077	$ 2.671	$0.12	2.79
Sep	2024	2.590	$ 0.047	$ 2.636	$0.12	2.75
Oct	2024	2.611	$ 0.040	$ 2.651	$0.12	2.77
Nov	2024	2.687	$ 0.044	$ 2.731	$0.12	2.85
Dec	2024	2.860	$ 0.056	$ 2.916	$0.13	3.04
Jan	2025	2.961	$ 0.061	$ 3.022	$0.13	3.15
Feb	2025	2.947	$ 0.055	$ 3.003	$0.13	3.13
Mar	2025	2.864	$ (0.001)	$ 2.863	$0.13	2.99
Apr	2025	2.666	$ (0.011)	$ 2.677	$0.12	2.80
May	2025	2.692	$ 0.016	$ 2.707	$0.12	2.83
Jun	2025	2.727	$ 0.054	$ 2.781	$0.12	2.90
Jul	2025	2.807	$ 0.078	$ 2.886	$0.13	3.01
Aug	2025	2.831	$ 0.078	$ 2.908	$0.13	3.04
Sep	2025	2.739	$ 0.045	$ 2.784	$0.12	2.91
Oct	2025	2.754	$ 0.035	$ 2.789	$0.12	2.91
Nov	2025	2.829	$ 0.036	$ 2.865	$0.13	2.99
Dec	2025	2.987	$ 0.051	$ 3.038	$0.13	3.17
Jan	2026	3.084	$ 0.057	$ 3.140	$0.14	3.28
Feb	2026	3.076	$ 0.053	$ 3.129	$0.13	3.26
Mar	2026	2.994	$ (0.003)	$ 2.991	$0.13	3.12
Apr	2026	2.857	$ (0.001)	$ 2.856	$0.13	2.98
May	2026	2.868	$ 0.022	$ 2.890	$0.13	3.02
Jun	2026	2.914	$ 0.053	$ 2.967	$0.13	3.10
Jul	2026	3.053	$ 0.077	$ 3.130	$0.13	3.26
Aug	2026	3.085	$ 0.078	$ 3.163	$0.14	3.30
Sep	2026	3.022	$ 0.041	$ 3.063	$0.13	3.20
Oct	2026	3.013	$ 0.034	$ 3.047	$0.13	3.18
Nov	2026	3.078	$ 0.042	$ 3.120	$0.13	3.25
Dec	2026	3.243	$ 0.054	$ 3.297	$0.14	3.44
Jan	2027	3.321	$ 0.062	$ 3.383	$0.14	3.53
Feb	2027	3.333	$ 0.057	$ 3.390	$0.14	3.53
Mar	2027	3.278	$ (0.002)	$ 3.276	$0.14	3.42
Apr	2027	3.125	$ (0.002)	$ 3.123	$0.13	3.26
May	2027	3.145	$ 0.021	$ 3.166	$0.14	3.30
Jun	2027	3.207	$ 0.051	$ 3.258	$0.14	3.40
Jul	2027	3.410	$ 0.079	$ 3.489	$0.15	3.64
Aug	2027	3.447	$ 0.082	$ 3.529	$0.15	3.68
Sep	2027	3.434	$ 0.043	$ 3.477	$0.15	3.62
Oct	2027	3.325	$ 0.038	$ 3.364	$0.14	3.51
Nov	2027	3.457	$ 0.043	$ 3.435	$0.15	3.58
Dec	2027	3.568	$ 0.054	$ 3.622	$0.15	3.77
Jan	2028	3.556	$ 0.063	$ 3.618	$0.15	3.77
Feb	2028	3.576	$ 0.047	$ 3.623	$0.15	3.77
Mar	2028	3.501	$ (0.002)	$ 3.498	$0.15	3.65
Apr	2028	3.454	$ (0.006)	$ 3.448	$0.15	3.59
May	2028	3.483	$ 0.024	$ 3.506	$0.15	3.65
Jun	2028	3.644	$ 0.059	$ 3.703	$0.15	3.86
Jul	2028	3.656	$ 0.091	$ 3.747	$0.16	3.90
Aug	2028	3.698	$ 0.089	$ 3.788	$0.16	3.95
Sep	2028	3.748	$ 0.048	$ 3.795	$0.16	3.95
Oct	2028	3.729	$ 0.044	$ 3.772	$0.16	3.93
Nov	2028	3.780	$ 0.046	$ 3.826	$0.16	3.98
Dec	2028	4.008	$ 0.054	$ 4.062	$0.17	4.23
Jan	2029	4.026	$ 0.075	$ 4.102	$0.17	4.27
Feb	2029	4.051	$ 0.068	$ 4.120	$0.17	4.29
Mar	2029	3.868	$ 0.007	$ 3.873	$0.16	4.03
Apr	2029	3.878	$ 0.002	$ 3.880	$0.16	4.04
May	2029	3.934	$ 0.027	$ 3.961	$0.16	4.12
Jun	2029	4.041	$ 0.062	$ 4.102	$0.17	4.27
Jul	2029	3.805	$ 0.091	$ 3.896	$0.16	4.06
Aug	2029	3.833	$ 0.098	$ 3.931	$0.16	4.09
Sep	2029	3.935	$ 0.053	$ 3.988	$0.16	4.15
Oct	2029	3.926	$ 0.040	$ 3.967	$0.16	4.13
Nov	2029	3.843	$ 0.063	$ 3.906	$0.16	4.07
Dec	2029	4.020	$ 0.062	$ 4.083	$0.17	4.25
Jan	2030	4.004	$ 0.075	$ 4.079	$0.17	4.25
Feb	2030	4.029	$ 0.069	$ 4.098	$0.17	4.27
Mar	2030	3.934	$ 0.004	$ 3.937	$0.16	4.10
Apr	2030	3.906	$ (0.008)	$ 3.898	$0.16	4.06
May	2030	3.929	$ 0.029	$ 3.959	$0.16	4.12
Jun	2030	3.994	$ 0.069	$ 4.062	$0.17	4.23
Jul	2030	4.277	$ 0.104	$ 4.380	$0.18	4.56
Aug	2030	4.308	$ 0.113	$ 4.421	$0.18	4.60
Sep	2030	4.245	$ 0.056	$ 4.301	$0.18	4.48
Oct	2030	4.053	$ 0.053	$ 4.106	$0.17	4.27
Nov	2030	3.979	$ 0.056	$ 4.035	$0.17	4.20
Dec	2030	4.172	$ 0.064	$ 4.237	$0.17	4.41
Jan	2031	4.225	$ 0.098	$ 4.322	$0.18	4.50
Feb	2031	4.251	$ 0.092	$ 4.344	$0.18	4.52
Mar	2031	4.167	$ 0.019	$ 4.187	$0.17	4.36
Apr	2031	4.197	$ 0.000	$ 4.132	$0.17	4.30
May	2031	4.158	$ 0.055	$ 4.213	$0.17	4.39
Jun	2031	4.214	$ 0.082	$ 4.296	$0.18	4.47
Jul	2031	4.499	$ 0.116	$ 4.615	$0.19	4.80
Aug	2031	4.544	$ 0.139	$ 4.683	$0.19	4.87
Sep	2031	4.460	$ 0.086	$ 4.546	$0.18	4.73
Oct	2031	4.321	$ 0.082	$ 4.403	$0.18	4.58
Nov	2031	4.381	$ 0.066	$ 4.447	$0.18	4.63
Dec	2031	4.533	$ 0.082	$ 4.615	$0.19	4.80
Jan	2032	4.449	$ 0.106	$ 4.554	$0.18	4.74
Feb	2032	4.472	$ 0.077	$ 4.549	$0.18	4.73
Mar	2032	4.455	$ 0.050	$ 4.504	$0.18	4.69
Apr	2032	4.318	$ 0.026	$ 4.344	$0.18	4.52
May	2032	4.342	$ 0.069	$ 4.411	$0.18	4.59
Jun	2032	4.369	$ 0.095	$ 4.464	$0.18	4.65
Jul	2032	4.491	$ 0.136	$ 4.628	$0.19	4.81
Aug	2032	4.530	$ 0.159	$ 4.689	$0.19	4.88
Sep	2032	4.464	$ 0.091	$ 4.555	$0.18	4.74
Oct	2032	4.435	$ 0.088	$ 4.524	$0.18	4.71
Nov	2032	4.539	$ 0.053	$ 4.592	$0.19	4.78
Dec	2032	4.550	$ 0.072	$ 4.622	$0.19	4.81
Jan	2033	4.332	$ 0.093	$ 4.424	$0.18	4.60
Feb	2033	4.361	$ 0.091	$ 4.452	$0.18	4.63
Mar	2033	4.319	$ 0.022	$ 4.340	$0.18	4.52
Apr	2033	4.317	$ 0.016	$ 4.333	$0.18	4.51
May	2033	4.345	$ 0.032	$ 4.377	$0.18	4.56
Jun	2033	4.376	$ 0.080	$ 4.456	$0.18	4.64
Jul	2033	4.510	$ 0.119	$ 4.629	$0.19	4.82
Aug	2033	4.549	$ 0.127	$ 4.677	$0.19	4.87
Sep	2033	4.490	$ 0.068	$ 4.558	$0.18	4.74
Oct	2033	4.448	$ 0.053	$ 4.501	$0.18	4.68
Nov	2033	4.579	$ 0.033	$ 4.612	$0.19	4.80
Dec	2033	4.739	$ 0.047	$ 4.787	$0.19	4.98
Jan	2034	4.726	$ 0.080	$ 4.806	$0.19	5.00
Feb	2034	4.595	$ 0.056	$ 4.645	$0.19	4.83
Mar	2034	4.457	$ (0.008)	$ 4.450	$0.18	4.63
Apr	2034	4.404	$ 0.009	$ 4.413	$0.18	4.59
May	2034	4.433	$ 0.039	$ 4.472	$0.18	4.65
Jun	2034	4.462	$ 0.084	$ 4.546	$0.18	4.73
Jul	2034	4.676	$ 0.125	$ 4.801	$0.19	4.99
Aug	2034	4.712	$ 0.144	$ 4.856	$0.19	5.05
Sep	2034	4.623	$ 0.074	$ 4.697	$0.19	4.89
Oct	2034	4.509	$ 0.049	$ 4.558	$0.18	4.74
Nov	2034	4.704	$ 0.034	$ 4.738	$0.19	4.93
Dec	2034	4.869	$ 0.055	$ 4.924	$0.20	5.12
Jan	2035	4.897	$ 0.086	$ 4.983	$0.20	5.18
Feb	2035	4.922	$ 0.065	$ 4.987	$0.20	5.19
Mar	2035	4.772	$ 0.018	$ 4.791	$0.19	4.98
Apr	2035	4.557	$ 0.023	$ 4.580	$0.19	4.77
May	2035	4.585	$ 0.046	$ 4.632	$0.19	4.82
Jun	2035	4.615	$ 0.091	$ 4.706	$0.19	4.90
Jul	2035	4.853	$ 0.130	$ 4.983	$0.20	5.18
Aug	2035	4.884	$ 0.147	$ 5.031	$0.20	5.23
Sep	2035	4.857	$ 0.075	$ 4.877	$0.20	5.07
Oct	2035	4.679	$ 0.048	$ 4.727	$0.19	4.92
Nov	2035	4.719	$ 0.033	$ 4.752	$0.19	4.94
Dec	2035	4.960	$ 0.058	$ 4.908	$0.20	5.10
Jan	2036	4.798	$ 0.093	$ 4.891	$0.20	5.09
Feb	2036	4.819	$ 0.034	$ 4.853	$0.19	5.05
Mar	2036	4.738	$ 0.020	$ 4.758	$0.19	4.95
Apr	2036	4.553	$ 0.023	$ 4.575	$0.18	4.76
May	2036	4.581	$ 0.049	$ 4.631	$0.19	4.82
Jun	2036	4.615	$ 0.096	$ 4.711	$0.19	4.90
Jul	2036	4.751	$ 0.135	$ 4.886	$0.20	5.08
Aug	2036	4.785	$ 0.150	$ 4.935	$0.20	5.13
Sep	2036	4.762	$ 0.089	$ 4.851	$0.19	5.05
Oct	2036	4.730	$ 0.076	$ 4.806	$0.19	5.00
Nov	2036	4.794	$ 0.051	$ 4.845	$0.19	5.04
Dec	2036	5.013	$ 0.064	$ 5.077	$0.20	5.28
Jan	2037	5.030	$ 0.105	$ 5.135	$0.20	5.34
Feb	2037	5.061	$ 0.081	$ 5.143	$0.20	5.35
Mar	2037	4.986	$ 0.024	$ 5.011	$0.20	5.21
Apr	2037	4.842	$ 0.021	$ 4.863	$0.19	5.06
May	2037	4.872	$ 0.055	$ 4.927	$0.20	5.12
Jun	2037	4.921	$ 0.111	$ 5.032	$0.20	5.23
Jul	2037	5.132	$ 0.147	$ 5.279	$0.21	5.49
Aug	2037	5.166	$ 0.147	$ 5.312	$0.21	5.52
Sep	2037	5.095	$ 0.096	$ 5.190	$0.21	5.40
Oct	2037	5.039	$ 0.074	$ 5.113	$0.20	5.32
Nov	2037	5.103	$ 0.052	$ 5.155	$0.20	5.36
Dec	2037	5.316	$ 0.078	$ 5.394	$0.21	5.61
Jan	2038	5.398	$ 0.111	$ 5.449	$0.22	5.66
Feb	2038	5.371	$ 0.088	$ 5.459	$0.22	5.67
Mar	2038	5.288	$ 0.026	$ 5.314	$0.21	5.52
Apr	2038	5.108	$ 0.044	$ 5.152	$0.20	5.36
May	2038	5.139	$ 0.060	$ 5.199	$0.21	5.41
Jun	2038	5.176	$ 0.118	$ 5.294	$0.21	5.50
Jul	2038	5.323	$ 0.152	$ 5.475	$0.22	5.69
Aug	2038	5.361	$ 0.145	$ 5.506	$0.22	5.72
Sep	2038	5.240	$ 0.104	$ 5.344	$0.21	5.56
Oct	2038	5.187	$ 0.064	$ 5.251	$0.21	5.46
Nov	2038	5.273	$ 0.073	$ 5.347	$0.21	5.56
Dec	2038	5.462	$ 0.100	$ 5.562	$0.22	5.78
Jan	2039	5.479	$ 0.119	$ 5.598	$0.22	5.82
Feb	2039	5.513	$ 0.101	$ 5.614	$0.22	5.83
Mar	2039	5.381	$ 0.032	$ 5.413	$0.21	5.63
Apr	2039	5.036	$ 0.041	$ 5.077	$0.20	5.28
May	2039	5.065	$ 0.052	$ 5.117	$0.20	5.32
Jun	2039	5.097	$ 0.115	$ 5.212	$0.21	5.42
Jul	2039	5.149	$ 0.129	$ 5.277	$0.21	5.49
Aug	2039	5.094	$ 0.145	$ 5.740	$0.23	5.97
Sep	2039	5.570	$ 0.088	$ 5.658	$0.22	5.88
Oct	2039	5.363	$ 0.081	$ 5.444	$0.21	5.66
Nov	2039	5.424	$ 0.063	$ 5.487	$0.22	5.70
Dec	2039	5.590	$ 0.087	$ 5.677	$0.22	5.90
Jan	2040	5.550	$ 0.098	$ 5.648	$0.22	5.87
Feb	2040	5.579	$ 0.061	$ 5.640	$0.22	5.86
Mar	2040	5.488	$ 0.033	$ 5.521	$0.22	5.74
Apr	2040	5.306	$ 0.013	$ 5.320	$0.21	5.53
May	2040	5.337	$ 0.058	$ 5.395	$0.21	5.61
Jun	2040	5.383	$ 0.108	$ 5.490	$0.22	5.71
Jul	2040	5.580	$ 0.144	$ 5.724	$0.22	5.95
Aug	2040	5.614	$ 0.155	$ 5.768	$0.23	5.99
Sep	2040	5.602	$ 0.098	$ 5.701	$0.22	5.92
Oct	2040	5.477	$ 0.086	$ 5.563	$0.22	5.78
Nov	2040	5.535	$ 0.069	$ 5.604	$0.22	5.82
Dec	2040	5.724	$ 0.111	$ 5.836	$0.23	6.06
Jan	2041	5.766	$ 0.113	$ 5.879	$0.23	6.11
Feb	2041	5.788	$ 0.083	$ 5.871	$0.23	6.10
Mar	2041	5.665	$ 0.037	$ 5.702	$0.22	5.93
Apr	2041	5.459	$ 0.048	$ 5.506	$0.22	5.72
May	2041	5.492	$ 0.061	$ 5.553	$0.22	5.77
Jun	2041	5.551	$ 0.124	$ 5.674	$0.22	5.90
Jul	2041	5.794	$ 0.166	$ 5.961	$0.23	6.19
Aug	2041	5.829	$ 0.158	$ 5.987	$0.23	6.22
Sep	2041	5.671	$ 0.116	$ 5.947	$0.23	6.18
Oct	2041	5.639	$ 0.061	$ 5.700	$0.22	5.92
Nov	2041	5.743	$ 0.077	$ 5.820	$0.23	6.05
Dec	2041	5.904	$ 0.127	$ 6.033	$0.24	6.27
Jan	2042	5.890	$ 0.120	$ 6.010	$0.23	6.24
Feb	2042	5.914	$ 0.089	$ 6.003	$0.23	6.24
Mar	2042	5.789	$ 0.033	$ 5.822	$0.23	6.05
Apr	2042	5.627	$ 0.045	$ 5.672	$0.22	5.89
May	2042	5.662	$ 0.063	$ 5.725	$0.22	5.95
Jun	2042	5.717	$ 0.134	$ 5.851	$0.23	6.08
Jul	2042	6.009	$ 0.168	$ 6.176	$0.24	6.42
Aug	2042	6.046	$ 0.171	$ 6.217	$0.24	6.46
Sep	2042	6.026	$ 0.120	$ 6.147	$0.24	6.39
Oct	2042	5.820	$ 0.080	$ 5.900	$0.23	6.13
Nov	2042	5.852	$ 0.075	$ 5.927	$0.23	6.16
Dec	2042	6.037	$ 0.102	$ 6.139	$0.24	6.38
Jan	2043	6.007	$ 0.105	$ 6.112	$0.24	6.35
Feb	2043	6.026	$ 0.059	$ 6.085	$0.24	6.32
Mar	2043	5.909	$ 0.035	$ 5.944	$0.23	6.18
Apr	2043	5.704	$ 0.028	$ 5.732	$0.22	5.96
May	2043	5.739	$ 0.050	$ 5.789	$0.23	6.02
Jun	2043	5.782	$ 0.106	$ 5.888	$0.23	6.12
Jul	2043	6.064	$ 0.164	$ 6.229	$0.24	6.47
Aug	2043	6.101	$ 0.156	$ 6.257	$0.24	6.50
Sep	2043	6.120	$ 0.091	$ 6.211	$0.24	6.45
Oct	2043	5.969	$ 0.077	$ 5.969	$0.23	6.20
Nov	2043	5.943	$ 0.066	$ 6.010	$0.23	6.24
Dec	2043	6.136	$ 0.097	$ 6.233	$0.24	6.48
Jan	2044	6.147	$ 0.099	$ 6.251	$0.24	6.49
Feb	2044	6.179	$ 0.059	$ 6.238	$0.24	6.48
Mar	2044	6.050	$ 0.025	$ 6.075	$0.24	6.31
Apr	2044	5.970	$ 0.029	$ 5.998	$0.23	6.20
May	2044	5.974	$ 0.040	$ 6.013	$0.23	6.25
Jun	2044	6.010	$ 0.105	$ 6.115	$0.24	6.35
Jul	2044	6.286	$ 0.160	$ 6.446	$0.25	6.70
Aug	2044	6.324	$ 0.162	$ 6.486	$0.25	6.74
Sep	2044	6.312	$ 0.080	$ 6.393	$0.25	6.64
Oct	2044	6.153	$ 0.045	$ 6.198	$0.24	6.44
Nov	2044	6.248	$ 0.060	$ 6.308	$0.24	6.55
Dec	2044	6.442	$ 0.099	$ 6.541	$0.25	6.79
Jan	2045	6.424	$ 0.107	$ 6.531	$0.25	6.78
Feb	2045	6.462	$ 0.056	$ 6.518	$0.25	6.77
Mar	2045	6.358	$ 0.031	$ 6.390	$0.25	6.64
Apr	2045	6.212	$ 0.026	$ 6.238	$0.24	6.48
May	2045	6.245	$ 0.042	$ 6.287	$0.24	6.53
Jun	2045	6.283	$ 0.109	$ 6.393	$0.25	6.64
Jul	2045	6.574	$ 0.157	$ 6.731	$0.26	6.99
Aug	2045	6.615	$ 0.169	$ 6.784	$0.26	7.05
Sep	2045	6.627	$ 0.085	$ 6.711	$0.26	6.97
Oct	2045	6.430	$ 0.062	$ 6.492	$0.25	6.74
Nov	2045	6.574	$ 0.062	$ 6.596	$0.25	6.85
Dec	2045	6.728	$ 0.096	$ 6.824	$0.26	7.09
Jan	2046	6.739	$ 0.115	$ 6.854	$0.26	7.12
Feb	2046	6.760	$ 0.062	$ 6.821	$0.26	7.08
Mar	2046	6.602	$ 0.022	$ 6.624	$0.26	6.88
Apr	2046	6.418	$ 0.018	$ 6.436	$0.25	6.69
May	2046	6.446	$ 0.043	$ 6.489	$0.25	6.74
Jun	2046	6.484	$ 0.110	$ 6.594	$0.25	6.85
Jul	2046	6.815	$ 0.158	$ 6.973	$0.27	7.24
Aug	2046	6.858	$ 0.176	$ 7.034	$0.27	7.30
Sep	2046	6.836	$ 0.081	$ 6.917	$0.27	7.18
Oct	2046	6.620	$ 0.062	$ 6.682	$0.26	6.94
Nov	2046	6.680	$ 0.064	$ 6.745	$0.26	7.01
Dec	2046	6.855	$ 0.103	$ 6.959	$0.27	7.23
Jan	2047	6.873	$ 0.126	$ 6.999	$0.27	7.27
Feb	2047	6.885	$ 0.058	$ 6.943	$0.27	7.21
Mar	2047	6.640	$ 0.019	$ 6.659	$0.26	6.92
Apr	2047	6.485	$ 0.022	$ 6.507	$0.25	6.76
May	2047	6.511	$ 0.039	$ 6.550	$0.25	6.80
Jun	2047	6.549	$ 0.123	$ 6.673	$0.26	6.93
Jul	2047	6.870	$ 0.165	$ 7.035	$0.27	7.31
Aug	2047	6.913	$ 0.182	$ 7.096	$0.27	7.37
Sep	2047	6.910	$ 0.088	$ 6.998	$0.27	7.27
Oct	2047	6.787	$ 0.052	$ 6.839	$0.26	7.10
Nov	2047	6.847	$ 0.052	$ 6.899	$0.27	7.16
Dec	2047	6.974	$ 0.093	$ 6.967	$0.27	7.23
Jan	2048	6.803	$ 0.109	$ 6.912	$0.27	7.18
Feb	2048	6.836	$ 0.036	$ 6.872	$0.26	7.14
Mar	2048	6.687	$ 0.007	$ 6.689	$0.26	6.95
Apr	2048	6.585	$ 0.022	$ 6.607	$0.26	6.86
May	2048	6.622	$ 0.032	$ 6.655	$0.26	6.91
Jun	2048	6.

CONFIDENTIAL

DEF NATURAL GAS DISPATCH PRICES

Month	Year	Base HH Regular Supply Cost	Physical Basis FGT Z3	Base Cost Regular Supply Z3	GSNG MMBTU Variable Cost	GSNG Variable MMBTU Delivered Costs
Jan	2019	3.110	$ (0.046)	$ 3.064	$0.91	3.97
Feb	2019	2.690	$ (0.019)	$ 2.671	$0.90	3.57
Mar	2019	2.950	$ (0.003)	$ 2.947	$0.90	3.85
Apr	2019	2.650	$ (0.001)	$ 2.649	$0.90	3.55
May	2019	2.640	$ 0.005	$ 2.645	$0.90	3.54
Jun	2019	2.400	$ 0.037	$ 2.437	$0.89	3.33
Jul	2019	2.370	$ 0.048	$ 2.418	$0.89	3.31
Aug	2019	2.220	$ 0.056	$ 2.276	$0.89	3.17
Sep	2019	2.560	$ 0.016	$ 2.576	$0.90	3.47
Oct	2019	2.743	$ 0.010	$ 2.753	$0.90	3.65
Nov	2019	2.303	$ 0.012	$ 2.315	$0.89	3.21
Dec	2019	2.495	$ 0.023	$ 2.518	$0.90	3.41
Jan	2020	2.612	$ 0.035	$ 2.647	$0.90	3.55
Feb	2020	2.575	$ 0.024	$ 2.599	$0.90	3.50
Mar	2020	2.462	$ (0.020)	$ 2.442	$0.89	3.34
Apr	2020	2.247	$ (0.019)	$ 2.228	$0.89	3.12
May	2020	2.234	$ 0.005	$ 2.239	$0.89	3.13
Jun	2020	2.278	$ 0.026	$ 2.304	$0.89	3.20
Jul	2020	2.326	$ 0.048	$ 2.374	$0.89	3.27
Aug	2020	2.335	$ 0.055	$ 2.390	$0.89	3.28
Sep	2020	2.318	$ 0.012	$ 2.330	$0.89	3.22
Oct	2020	2.344	$ 0.016	$ 2.360	$0.89	3.25
Nov	2020	2.409	$ 0.025	$ 2.434	$0.89	3.33
Dec	2020	2.578	$ 0.034	$ 2.612	$0.90	3.51
Jan	2021	2.700	$ 0.038	$ 2.738	$0.90	3.64
Feb	2021	2.661	$ 0.033	$ 2.694	$0.90	3.59
Mar	2021	2.548	$ (0.015)	$ 2.533	$0.90	3.43
Apr	2021	2.284	$ (0.021)	$ 2.263	$0.89	3.15
May	2021	2.260	$ 0.005	$ 2.265	$0.89	3.16
Jun	2021	2.294	$ 0.025	$ 2.319	$0.89	3.21
Jul	2021	2.332	$ 0.047	$ 2.379	$0.89	3.27
Aug	2021	2.339	$ 0.058	$ 2.397	$0.89	3.29
Sep	2021	2.328	$ 0.011	$ 2.339	$0.89	3.23
Oct	2021	2.354	$ 0.018	$ 2.372	$0.89	3.26
Nov	2021	2.424	$ 0.027	$ 2.451	$0.89	3.35
Dec	2021	2.603	$ 0.038	$ 2.641	$0.90	3.54
Jan	2022	2.729	$ 0.041	$ 2.770	$0.90	3.67
Feb	2022	2.702	$ 0.036	$ 2.738	$0.90	3.64
Mar	2022	2.595	$ (0.013)	$ 2.582	$0.90	3.48
Apr	2022	2.340	$ (0.016)	$ 2.324	$0.89	3.22
May	2022	2.324	$ 0.007	$ 2.331	$0.89	3.22
Jun	2022	2.359	$ 0.034	$ 2.393	$0.89	3.29
Jul	2022	2.399	$ 0.059	$ 2.458	$0.89	3.35
Aug	2022	2.411	$ 0.066	$ 2.477	$0.89	3.37
Sep	2022	2.404	$ 0.021	$ 2.425	$0.89	3.32
Oct	2022	2.430	$ 0.024	$ 2.454	$0.89	3.35
Nov	2022	2.492	$ 0.034	$ 2.526	$0.90	3.42
Dec	2022	2.674	$ 0.044	$ 2.718	$0.90	3.62
Jan	2023	2.799	$ 0.052	$ 2.851	$0.90	3.75
Feb	2023	2.767	$ 0.047	$ 2.814	$0.90	3.72
Mar	2023	2.650	$ (0.003)	$ 2.653	$0.90	3.55
Apr	2023	2.401	$ (0.008)	$ 2.393	$0.89	3.29
May	2023	2.385	$ 0.016	$ 2.401	$0.89	3.29
Jun	2023	2.426	$ 0.042	$ 2.468	$0.89	3.36
Jul	2023	2.466	$ 0.068	$ 2.534	$0.90	3.43
Aug	2023	2.481	$ 0.076	$ 2.557	$0.90	3.45
Sep	2023	2.476	$ 0.029	$ 2.505	$0.90	3.40
Oct	2023	2.505	$ 0.030	$ 2.535	$0.90	3.43
Nov	2023	2.580	$ 0.037	$ 2.617	$0.90	3.51
Dec	2023	2.760	$ 0.053	$ 2.813	$0.90	3.71
Jan	2024	2.883	$ 0.058	$ 2.941	$0.90	3.84
Feb	2024	2.854	$ 0.050	$ 2.903	$0.90	3.81
Mar	2024	2.742	$ (0.002)	$ 2.740	$0.90	3.64
Apr	2024	2.511	$ (0.007)	$ 2.503	$0.90	3.40
May	2024	2.501	$ 0.017	$ 2.519	$0.90	3.41
Jun	2024	2.537	$ 0.046	$ 2.583	$0.90	3.48
Jul	2024	2.579	$ 0.077	$ 2.656	$0.90	3.56
Aug	2024	2.594	$ 0.077	$ 2.671	$0.90	3.57
Sep	2024	2.590	$ 0.047	$ 2.636	$0.90	3.53
Oct	2024	2.651	$ 0.040	$ 2.691	$0.90	3.55
Nov	2024	2.687	$ 0.044	$ 2.731	$0.90	3.63
Dec	2024	2.860	$ 0.056	$ 2.916	$0.90	3.82
Jan	2025	2.961	$ 0.061	$ 3.022	$0.91	3.93
Feb	2025	2.947	$ 0.055	$ 3.003	$0.90	3.91
Mar	2025	2.864	$ (0.001)	$ 2.863	$0.90	3.77
Apr	2025	2.668	$ (0.011)	$ 2.677	$0.90	3.58
May	2025	2.692	$ 0.016	$ 2.707	$0.90	3.61
Jun	2025	2.727	$ 0.054	$ 2.781	$0.90	3.68
Jul	2025	2.807	$ 0.078	$ 2.886	$0.90	3.79
Aug	2025	2.831	$ 0.078	$ 2.908	$0.90	3.81
Sep	2025	2.739	$ 0.045	$ 2.784	$0.90	3.68
Oct	2025	2.754	$ 0.035	$ 2.789	$0.90	3.69
Nov	2025	2.829	$ 0.036	$ 2.865	$0.90	3.77
Dec	2025	2.987	$ 0.051	$ 3.038	$0.91	3.94
Jan	2026	3.084	$ 0.057	$ 3.140	$0.91	4.05
Feb	2026	3.076	$ 0.053	$ 3.129	$0.91	4.04
Mar	2026	2.994	$ (0.003)	$ 2.991	$0.90	3.90
Apr	2026	2.857	$ (0.001)	$ 2.856	$0.90	3.76
May	2026	2.868	$ 0.022	$ 2.890	$0.90	3.79
Jun	2026	2.914	$ 0.053	$ 2.967	$0.90	3.87
Jul	2026	3.053	$ 0.077	$ 3.130	$0.91	4.04
Aug	2026	3.085	$ 0.078	$ 3.163	$0.91	4.07
Sep	2026	3.022	$ 0.041	$ 3.063	$0.91	3.97
Oct	2026	3.013	$ 0.034	$ 3.047	$0.91	3.95
Nov	2026	3.078	$ 0.042	$ 3.120	$0.91	4.03
Dec	2026	3.243	$ 0.054	$ 3.297	$0.91	4.21
Jan	2027	3.321	$ 0.062	$ 3.383	$0.91	4.29
Feb	2027	3.333	$ 0.057	$ 3.390	$0.91	4.30
Mar	2027	3.278	$ (0.002)	$ 3.276	$0.91	4.19
Apr	2027	3.125	$ (0.002)	$ 3.123	$0.91	4.03
May	2027	3.145	$ 0.021	$ 3.166	$0.91	4.07
Jun	2027	3.207	$ 0.051	$ 3.258	$0.91	4.17
Jul	2027	3.410	$ 0.079	$ 3.489	$0.91	4.40
Aug	2027	3.447	$ 0.082	$ 3.529	$0.91	4.44
Sep	2027	3.434	$ 0.043	$ 3.477	$0.91	4.39
Oct	2027	3.325	$ 0.038	$ 3.364	$0.91	4.28
Nov	2027	3.392	$ 0.043	$ 3.435	$0.91	4.35
Dec	2027	3.568	$ 0.054	$ 3.622	$0.92	4.54
Jan	2028	3.556	$ 0.063	$ 3.618	$0.92	4.53
Feb	2028	3.576	$ 0.047	$ 3.623	$0.92	4.54
Mar	2028	3.501	$ (0.002)	$ 3.498	$0.91	4.41
Apr	2028	3.454	$ (0.006)	$ 3.448	$0.91	4.36
May	2028	3.483	$ 0.024	$ 3.506	$0.91	4.42
Jun	2028	3.644	$ 0.059	$ 3.703	$0.92	4.62
Jul	2028	3.656	$ 0.091	$ 3.747	$0.92	4.67
Aug	2028	3.698	$ 0.089	$ 3.788	$0.92	4.71
Sep	2028	3.748	$ 0.048	$ 3.795	$0.92	4.71
Oct	2028	3.729	$ 0.044	$ 3.772	$0.92	4.69
Nov	2028	3.780	$ 0.046	$ 3.826	$0.92	4.75
Dec	2028	4.008	$ 0.054	$ 4.062	$0.92	4.99
Jan	2029	4.026	$ 0.075	$ 4.102	$0.93	5.03
Feb	2029	4.051	$ 0.068	$ 4.120	$0.93	5.05
Mar	2029	3.878	$ 0.002	$ 3.880	$0.92	4.80
Apr	2029	3.934	$ 0.027	$ 3.961	$0.92	4.88
May	2029	4.041	$ 0.062	$ 4.102	$0.93	5.03
Jun	2029	3.805	$ 0.091	$ 3.896	$0.92	4.82
Jul	2029	3.853	$ 0.098	$ 3.931	$0.92	4.85
Aug	2029	3.835	$ 0.053	$ 3.888	$0.92	4.91
Sep	2029	3.926	$ 0.040	$ 3.967	$0.92	4.89
Oct	2029	3.843	$ 0.063	$ 3.906	$0.92	4.83
Nov	2029	3.843	$ 0.063	$ 3.906	$0.92	4.83
Dec	2029	4.020	$ 0.062	$ 4.083	$0.93	5.01
Jan	2030	4.004	$ 0.075	$ 4.079	$0.93	5.00
Feb	2030	4.029	$ 0.059	$ 4.088	$0.93	5.02
Mar	2030	3.934	$ 0.004	$ 3.937	$0.92	4.86
Apr	2030	3.906	$ (0.008)	$ 3.898	$0.92	4.82
May	2030	3.929	$ 0.029	$ 3.959	$0.92	4.88
Jun	2030	3.994	$ 0.069	$ 4.062	$0.92	4.99
Jul	2030	4.277	$ 0.104	$ 4.380	$0.93	5.31
Aug	2030	4.308	$ 0.113	$ 4.421	$0.93	5.35
Sep	2030	4.245	$ 0.056	$ 4.301	$0.93	5.23
Oct	2030	4.053	$ 0.053	$ 4.106	$0.93	5.03
Nov	2030	3.979	$ 0.056	$ 4.035	$0.92	4.96
Dec	2030	4.172	$ 0.064	$ 4.237	$0.93	5.17
Jan	2031	4.224	$ 0.098	$ 4.322	$0.93	5.25
Feb	2031	4.251	$ 0.092	$ 4.344	$0.93	5.27
Mar	2031	4.167	$ 0.019	$ 4.187	$0.93	5.11
Apr	2031	4.110	$ 0.060	$ 4.132	$0.93	5.06
May	2031	4.158	$ 0.055	$ 4.213	$0.93	5.14
Jun	2031	4.214	$ 0.082	$ 4.296	$0.93	5.23
Jul	2031	4.499	$ 0.116	$ 4.615	$0.94	5.55
Aug	2031	4.544	$ 0.139	$ 4.683	$0.94	5.62
Sep	2031	4.460	$ 0.086	$ 4.546	$0.93	5.48
Oct	2031	4.321	$ 0.082	$ 4.403	$0.93	5.33
Nov	2031	4.381	$ 0.066	$ 4.447	$0.93	5.38
Dec	2031	4.533	$ 0.082	$ 4.615	$0.94	5.55
Jan	2032	4.448	$ 0.106	$ 4.554	$0.93	5.49
Feb	2032	4.472	$ 0.077	$ 4.549	$0.93	5.48
Mar	2032	4.455	$ 0.050	$ 4.504	$0.93	5.44
Apr	2032	4.318	$ 0.026	$ 4.344	$0.93	5.27
May	2032	4.342	$ 0.069	$ 4.411	$0.93	5.34
Jun	2032	4.369	$ 0.095	$ 4.464	$0.93	5.40
Jul	2032	4.491	$ 0.136	$ 4.628	$0.94	5.56
Aug	2032	4.530	$ 0.159	$ 4.689	$0.94	5.63
Sep	2032	4.464	$ 0.091	$ 4.555	$0.93	5.49
Oct	2032	4.435	$ 0.088	$ 4.524	$0.93	5.46
Nov	2032	4.539	$ 0.053	$ 4.592	$0.93	5.53
Dec	2032	4.550	$ 0.072	$ 4.622	$0.94	5.56
Jan	2033	4.332	$ 0.093	$ 4.424	$0.93	5.36
Feb	2033	4.361	$ 0.091	$ 4.452	$0.93	5.38
Mar	2033	4.319	$ 0.022	$ 4.340	$0.93	5.27
Apr	2033	4.317	$ 0.016	$ 4.333	$0.93	5.26
May	2033	4.345	$ 0.032	$ 4.377	$0.93	5.31
Jun	2033	4.376	$ 0.080	$ 4.456	$0.93	5.39
Jul	2033	4.510	$ 0.119	$ 4.629	$0.94	5.56
Aug	2033	4.549	$ 0.127	$ 4.677	$0.94	5.61
Sep	2033	4.490	$ 0.068	$ 4.558	$0.93	5.49
Oct	2033	4.448	$ 0.053	$ 4.501	$0.93	5.43
Nov	2033	4.579	$ 0.033	$ 4.612	$0.94	5.55
Dec	2033	4.739	$ 0.047	$ 4.787	$0.94	5.73
Jan	2034	4.726	$ 0.080	$ 4.806	$0.94	5.74
Feb	2034	4.590	$ 0.056	$ 4.645	$0.94	5.58
Mar	2034	4.457	$ (0.008)	$ 4.450	$0.93	5.38
Apr	2034	4.404	$ 0.009	$ 4.413	$0.93	5.34
May	2034	4.433	$ 0.039	$ 4.472	$0.93	5.40
Jun	2034	4.462	$ 0.084	$ 4.546	$0.93	5.48
Jul	2034	4.676	$ 0.125	$ 4.801	$0.94	5.74
Aug	2034	4.712	$ 0.144	$ 4.856	$0.94	5.80
Sep	2034	4.623	$ 0.074	$ 4.697	$0.94	5.63
Oct	2034	4.509	$ 0.049	$ 4.558	$0.93	5.49
Nov	2034	4.704	$ 0.034	$ 4.738	$0.94	5.68
Dec	2034	4.869	$ 0.055	$ 4.924	$0.94	5.87
Jan	2035	4.897	$ 0.086	$ 4.983	$0.94	5.93
Feb	2035	4.922	$ 0.065	$ 4.987	$0.94	5.93
Mar	2035	4.777	$ 0.018	$ 4.791	$0.94	5.73
Apr	2035	4.557	$ 0.023	$ 4.580	$0.93	5.51
May	2035	4.585	$ 0.046	$ 4.632	$0.94	5.57
Jun	2035	4.615	$ 0.091	$ 4.706	$0.94	5.64
Jul	2035	4.853	$ 0.130	$ 4.983	$0.94	5.93
Aug	2035	4.884	$ 0.147	$ 5.031	$0.94	5.97
Sep	2035	4.802	$ 0.075	$ 4.877	$0.94	5.82
Oct	2035	4.679	$ 0.048	$ 4.727	$0.94	5.66
Nov	2035	4.719	$ 0.033	$ 4.752	$0.94	5.69
Dec	2035	4.850	$ 0.058	$ 4.908	$0.94	5.85
Jan	2036	4.798	$ 0.093	$ 4.891	$0.94	5.83
Feb	2036	4.819	$ 0.034	$ 4.853	$0.94	5.79
Mar	2036	4.738	$ 0.020	$ 4.758	$0.94	5.70
Apr	2036	4.553	$ 0.023	$ 4.575	$0.93	5.51
May	2036	4.581	$ 0.049	$ 4.631	$0.94	5.57
Jun	2036	4.615	$ 0.096	$ 4.711	$0.94	5.65
Jul	2036	4.751	$ 0.135	$ 4.886	$0.94	5.83
Aug	2036	4.785	$ 0.150	$ 4.935	$0.94	5.88
Sep	2036	4.762	$ 0.089	$ 4.851	$0.94	5.79
Oct	2036	4.730	$ 0.076	$ 4.806	$0.94	5.74
Nov	2036	4.794	$ 0.051	$ 4.845	$0.94	5.78
Dec	2036	5.013	$ 0.064	$ 5.077	$0.94	6.02
Jan	2037	5.030	$ 0.105	$ 5.135	$0.94	6.08
Feb	2037	5.061	$ 0.081	$ 5.143	$0.95	6.09
Mar	2037	4.986	$ 0.024	$ 5.011	$0.94	5.95
Apr	2037	4.842	$ 0.021	$ 4.863	$0.94	5.80
May	2037	4.872	$ 0.055	$ 4.927	$0.94	5.87
Jun	2037	4.921	$ 0.111	$ 5.032	$0.94	5.98
Jul	2037	5.132	$ 0.147	$ 5.279	$0.95	6.23
Aug	2037	5.166	$ 0.147	$ 5.312	$0.95	6.26
Sep	2037	5.095	$ 0.096	$ 5.190	$0.95	6.14
Oct	2037	5.039	$ 0.074	$ 5.113	$0.94	6.06
Nov	2037	5.103	$ 0.052	$ 5.155	$0.95	6.10
Dec	2037	5.316	$ 0.078	$ 5.394	$0.95	6.34
Jan	2038	5.338	$ 0.111	$ 5.449	$0.95	6.40
Feb	2038	5.371	$ 0.088	$ 5.459	$0.95	6.41
Mar	2038	5.288	$ 0.026	$ 5.314	$0.95	6.26
Apr	2038	5.108	$ 0.044	$ 5.152	$0.95	6.10
May	2038	5.139	$ 0.060	$ 5.199	$0.95	6.15
Jun	2038	5.176	$ 0.118	$ 5.294	$0.95	6.24
Jul	2038	5.323	$ 0.152	$ 5.475	$0.95	6.43
Aug	2038	5.361	$ 0.145	$ 5.506	$0.95	6.46
Sep	2038	5.240	$ 0.104	$ 5.344	$0.95	6.29
Oct	2038	5.187	$ 0.064	$ 5.251	$0.95	6.20
Nov	2038	5.273	$ 0.073	$ 5.347	$0.95	6.30
Dec	2038	5.462	$ 0.100	$ 5.562	$0.95	6.52
Jan	2039	5.479	$ 0.119	$ 5.598	$0.95	6.55
Feb	2039	5.513	$ 0.101	$ 5.614	$0.95	6.57
Mar	2039	5.381	$ 0.032	$ 5.413	$0.95	6.36
Apr	2039	5.036	$ 0.041	$ 5.077	$0.94	6.02
May	2039	5.065	$ 0.052	$ 5.117	$0.94	6.06
Jun	2039	5.097	$ 0.115	$ 5.212	$0.95	6.16
Jul	2039	5.149	$ 0.129	$ 5.277	$0.95	6.22
Aug	2039	5.594	$ 0.145	$ 5.740	$0.96	6.70
Sep	2039	5.570	$ 0.088	$ 5.658	$0.95	6.61
Oct	2039	5.363	$ 0.081	$ 5.444	$0.95	6.39
Nov	2039	5.424	$ 0.063	$ 5.487	$0.95	6.44
Dec	2039	5.590	$ 0.087	$ 5.677	$0.96	6.63
Jan	2040	5.550	$ 0.098	$ 5.648	$0.95	6.60
Feb	2040	5.579	$ 0.061	$ 5.640	$0.95	6.59
Mar	2040	5.488	$ 0.033	$ 5.521	$0.95	6.47
Apr	2040	5.306	$ 0.013	$ 5.320	$0.95	6.27
May	2040	5.337	$ 0.058	$ 5.395	$0.95	6.34
Jun	2040	5.393	$ 0.106	$ 5.499	$0.95	6.44
Jul	2040	5.580	$ 0.144	$ 5.724	$0.96	6.68
Aug	2040	5.614	$ 0.155	$ 5.768	$0.96	6.72
Sep	2040	5.662	$ 0.098	$ 5.701	$0.96	6.66
Oct	2040	5.477	$ 0.086	$ 5.563	$0.95	6.52
Nov	2040	5.535	$ 0.069	$ 5.604	$0.95	6.56
Dec	2040	5.724	$ 0.111	$ 5.836	$0.96	6.79
Jan	2041	5.766	$ 0.113	$ 5.879	$0.96	6.84
Feb	2041	5.788	$ 0.083	$ 5.871	$0.96	6.83
Mar	2041	5.665	$ 0.037	$ 5.702	$0.96	6.66
Apr	2041	5.459	$ 0.046	$ 5.506	$0.95	6.46
May	2041	5.492	$ 0.061	$ 5.553	$0.95	6.51
Jun	2041	5.450	$ 0.124	$ 5.574	$0.96	6.63
Jul	2041	5.794	$ 0.166	$ 5.961	$0.96	6.92
Aug	2041	5.829	$ 0.158	$ 5.987	$0.96	6.95
Sep	2041	5.841	$ 0.118	$ 5.947	$0.96	6.91
Oct	2041	5.639	$ 0.061	$ 5.700	$0.96	6.66
Nov	2041	5.743	$ 0.077	$ 5.820	$0.96	6.78
Dec	2041	5.906	$ 0.127	$ 6.033	$0.96	6.99
Jan	2042	5.890	$ 0.120	$ 6.010	$0.96	6.97
Feb	2042	5.914	$ 0.089	$ 6.003	$0.96	6.96
Mar	2042	5.789	$ 0.033	$ 5.822	$0.96	6.78
Apr	2042	5.627	$ 0.045	$ 5.672	$0.96	6.63
May	2042	5.662	$ 0.063	$ 5.725	$0.96	6.68
Jun	2042	5.717	$ 0.134	$ 5.851	$0.96	6.81
Jul	2042	6.009	$ 0.168	$ 6.176	$0.96	7.14
Aug	2042	6.046	$ 0.171	$ 6.217	$0.97	7.18
Sep	2042	6.026	$ 0.120	$ 6.147	$0.96	7.11
Oct	2042	5.820	$ 0.080	$ 5.900	$0.96	6.86
Nov	2042	5.852	$ 0.075	$ 5.927	$0.96	6.89
Dec	2042	6.037	$ 0.102	$ 6.139	$0.96	7.10
Jan	2043	6.007	$ 0.105	$ 6.112	$0.96	7.08
Feb	2043	6.026	$ 0.059	$ 6.085	$0.96	7.05
Mar	2043	5.909	$ 0.035	$ 5.944	$0.96	6.90
Apr	2043	5.704	$ 0.028	$ 5.732	$0.96	6.69
May	2043	5.739	$ 0.050	$ 5.789	$0.96	6.75
Jun	2043	5.782	$ 0.106	$ 5.888	$0.96	6.85
Jul	2043	6.064	$ 0.164	$ 6.229	$0.97	7.19
Aug	2043	6.101	$ 0.158	$ 6.257	$0.97	7.22
Sep	2043	6.120	$ 0.091	$ 6.211	$0.97	7.18
Oct	2043	5.969	$ 0.077	$ 5.969	$0.96	6.93
Nov	2043	5.943	$ 0.066	$ 6.010	$0.96	6.97
Dec	2043	6.136	$ 0.097	$ 6.233	$0.97	7.20
Jan	2044	6.152	$ 0.099	$ 6.251	$0.97	7.22
Feb	2044	6.179	$ 0.059	$ 6.238	$0.97	7.20
Mar	2044	6.050	$ 0.025	$ 6.075	$0.96	7.04
Apr	2044	5.970	$ 0.029	$ 5.968	$0.96	6.93
May	2044	5.974	$ 0.040	$ 6.013	$0.96	6.97
Jun	2044	6.010	$ 0.105	$ 6.115	$0.96	7.08
Jul	2044	6.285	$ 0.160	$ 6.446	$0.97	7.42
Aug	2044	6.324	$ 0.162	$ 6.486	$0.97	7.46
Sep	2044	6.312	$ 0.080	$ 6.393	$0.97	7.36
Oct	2044	6.153	$ 0.045	$ 6.198	$0.97	7.16
Nov	2044	6.248	$ 0.060	$ 6.308	$0.97	7.28
Dec	2044	6.442	$ 0.099	$ 6.541	$0.97	7.51
Jan	2045	6.424	$ 0.107	$ 6.531	$0.97	7.50
Feb	2045	6.462	$ 0.056	$ 6.518	$0.97	7.49
Mar	2045	6.358	$ 0.031	$ 6.390	$0.97	7.36
Apr	2045	6.212	$ 0.026	$ 6.238	$0.97	7.20
May	2045	6.245	$ 0.042	$ 6.287	$0.97	7.25
Jun	2045	6.283	$ 0.109	$ 6.393	$0.97	7.36
Jul	2045	6.574	$ 0.157	$ 6.731	$0.98	7.71
Aug	2045	6.615	$ 0.169	$ 6.784	$0.98	7.76
Sep	2045	6.627	$ 0.085	$ 6.711	$0.97	7.69
Oct	2045	6.430	$ 0.062	$ 6.492	$0.97	7.46
Nov	2045	6.534	$ 0.062	$ 6.596	$0.97	7.57
Dec	2045	6.728	$ 0.096	$ 6.824	$0.98	7.80
Jan	2046	6.739	$ 0.115	$ 6.854	$0.98	7.83
Feb	2046	6.720	$ 0.082	$ 6.821	$0.98	7.80
Mar	2046	6.602	$ 0.022	$ 6.624	$0.97	7.60
Apr	2046	6.418	$ 0.018	$ 6.436	$0.97	7.41
May	2046	6.446	$ 0.043	$ 6.489	$0.97	7.46
Jun	2046	6.484	$ 0.110	$ 6.594	$0.97	7.57
Jul	2046	6.815	$ 0.158	$ 6.973	$0.98	7.95
Aug	2046	6.858	$ 0.176	$ 7.034	$0.98	8.01
Sep	2046	6.836	$ 0.081	$ 6.917	$0.98	7.90
Oct	2046	6.620	$ 0.062	$ 6.682	$0.97	7.66
Nov	2046	6.680	$ 0.064	$ 6.745	$0.98	7.72
Dec	2046	6.855	$ 0.103	$ 6.959	$0.98	7.94
Jan	2047	6.873	$ 0.126	$ 6.999	$0.98	7.98
Feb	2047	6.885	$ 0.058	$ 6.943	$0.98	7.92
Mar	2047	6.640	$ 0.019	$ 6.659	$0.97	7.63
Apr	2047	6.485	$ 0.022	$ 6.507	$0.97	7.48
May	2047	6.511	$ 0.039	$ 6.550	$0.97	7.52
Jun	2047	6.549	$ 0.123	$ 6.673	$0.97	7.65
Jul	2047	6.870	$ 0.165	$ 7.035	$0.98	8.02
Aug	2047	6.913	$ 0.182	$ 7.096	$0.98	8.08
Sep	2047	6.910	$ 0.088	$ 6.998	$0.98	7.98
Oct	2047	6.787	$ 0.052	$ 6.839	$0.98	7.82
Nov	2047	6.847	$ 0.052	$ 6.899	$0.98	7.88
Dec	2047	6.974	$ 0.093	$ 6.967	$0.98	7.95
Jan	2048	6.803	$ 0.109	$ 6.912	$0.98	7.89
Feb	2048	6.836	$ 0.036	$ 6.872	$0.98	7.85
Mar	2048	6.682	$ 0.007	$ 6.689	$0.97	7.66
Apr	2048	6.585	$ 0.022	$ 6.607	$0.97	7.58
May	2048	6.622	$ 0.032	$ 6.655	$0.97	7.63
Jun	2048	6.

CONFIDENTIAL

DEF NATURAL GAS DISPATCH PRICES

Month	Year	Base HH Regular Supply Cost	Physical Basis Transco Zone 4	Base Cost Regular Supply Z4	Sabal Trail MMBTU Variable Cost	Sabal Trail Variable MMBTU Delivered Costs
Jan	2019	3.110	$ (0.055)	$ 3.055	$0.10	3.16
Feb	2019	2.690	$ (0.035)	$ 2.655	$0.09	2.74
Mar	2019	2.950	$ (0.050)	$ 2.900	$0.10	3.00
Apr	2019	2.650	$ (0.030)	$ 2.620	$0.09	2.71
May	2019	2.640	$ (0.004)	$ 2.636	$0.09	2.73
Jun	2019	2.400	$ 0.003	$ 2.403	$0.08	2.48
Jul	2019	2.370	$ 0.011	$ 2.381	$0.08	2.46
Aug	2019	2.289	$ 0.011	$ 2.231	$0.08	2.31
Sep	2019	2.560	$ 0.002	$ 2.562	$0.09	2.65
Oct	2019	2.743	$ (0.030)	$ 2.713	$0.09	2.80
Nov	2019	2.303	$ (0.021)	$ 2.282	$0.08	2.36
Dec	2019	2.495	$ (0.007)	$ 2.488	$0.08	2.57
Jan	2020	2.612	$ (0.009)	$ 2.603	$0.09	2.69
Feb	2020	2.575	$ (0.024)	$ 2.551	$0.09	2.64
Mar	2020	2.462	$ (0.021)	$ 2.441	$0.08	2.52
Apr	2020	2.247	$ (0.051)	$ 2.196	$0.07	2.27
May	2020	2.234	$ (0.050)	$ 2.184	$0.07	2.26
Jun	2020	2.278	$ (0.040)	$ 2.238	$0.08	2.31
Jul	2020	2.326	$ (0.027)	$ 2.299	$0.08	2.38
Aug	2020	2.335	$ (0.006)	$ 2.329	$0.08	2.41
Sep	2020	2.318	$ (0.045)	$ 2.273	$0.08	2.35
Oct	2020	2.344	$ (0.063)	$ 2.281	$0.08	2.36
Nov	2020	2.409	$ (0.031)	$ 2.378	$0.08	2.46
Dec	2020	2.578	$ (0.024)	$ 2.554	$0.09	2.64
Jan	2021	2.701	$ (0.010)	$ 2.690	$0.09	2.78
Feb	2021	2.661	$ (0.026)	$ 2.635	$0.09	2.72
Mar	2021	2.548	$ (0.017)	$ 2.531	$0.09	2.62
Apr	2021	2.364	$ (0.072)	$ 2.212	$0.08	2.29
May	2021	2.260	$ (0.066)	$ 2.194	$0.07	2.27
Jun	2021	2.294	$ (0.048)	$ 2.246	$0.08	2.32
Jul	2021	2.332	$ (0.039)	$ 2.293	$0.08	2.37
Aug	2021	2.339	$ (0.020)	$ 2.319	$0.08	2.40
Sep	2021	2.328	$ (0.054)	$ 2.274	$0.08	2.35
Oct	2021	2.354	$ (0.061)	$ 2.293	$0.08	2.37
Nov	2021	2.424	$ (0.036)	$ 2.388	$0.08	2.47
Dec	2021	2.603	$ (0.023)	$ 2.580	$0.09	2.67
Jan	2022	2.729	$ (0.017)	$ 2.712	$0.09	2.80
Feb	2022	2.702	$ (0.027)	$ 2.675	$0.09	2.77
Mar	2022	2.595	$ (0.029)	$ 2.566	$0.09	2.65
Apr	2022	2.340	$ (0.067)	$ 2.273	$0.08	2.35
May	2022	2.324	$ (0.067)	$ 2.257	$0.08	2.33
Jun	2022	2.359	$ (0.044)	$ 2.315	$0.08	2.39
Jul	2022	2.399	$ (0.024)	$ 2.375	$0.08	2.46
Aug	2022	2.411	$ (0.015)	$ 2.396	$0.08	2.48
Sep	2022	2.404	$ (0.049)	$ 2.355	$0.08	2.43
Oct	2022	2.430	$ (0.058)	$ 2.372	$0.08	2.45
Nov	2022	2.467	$ (0.032)	$ 2.460	$0.08	2.54
Dec	2022	2.674	$ (0.015)	$ 2.659	$0.09	2.75
Jan	2023	2.799	$ (0.019)	$ 2.780	$0.09	2.87
Feb	2023	2.747	$ (0.014)	$ 2.733	$0.09	2.83
Mar	2023	2.656	$ (0.028)	$ 2.628	$0.09	2.72
Apr	2023	2.401	$ (0.068)	$ 2.333	$0.08	2.41
May	2023	2.385	$ (0.064)	$ 2.321	$0.08	2.40
Jun	2023	2.426	$ (0.050)	$ 2.376	$0.08	2.46
Jul	2023	2.466	$ (0.040)	$ 2.426	$0.08	2.51
Aug	2023	2.481	$ (0.029)	$ 2.452	$0.08	2.54
Sep	2023	2.476	$ (0.050)	$ 2.426	$0.08	2.51
Oct	2023	2.505	$ (0.061)	$ 2.444	$0.08	2.53
Nov	2023	2.580	$ (0.046)	$ 2.534	$0.09	2.62
Dec	2023	2.760	$ (0.023)	$ 2.737	$0.09	2.83
Jan	2024	2.883	$ (0.030)	$ 2.853	$0.10	2.95
Feb	2024	2.854	$ (0.044)	$ 2.809	$0.09	2.90
Mar	2024	2.742	$ (0.046)	$ 2.697	$0.09	2.79
Apr	2024	2.511	$ (0.086)	$ 2.425	$0.08	2.51
May	2024	2.501	$ (0.081)	$ 2.420	$0.08	2.50
Jun	2024	2.537	$ (0.060)	$ 2.477	$0.08	2.56
Jul	2024	2.579	$ (0.045)	$ 2.534	$0.09	2.62
Aug	2024	2.594	$ (0.028)	$ 2.566	$0.09	2.65
Sep	2024	2.551	$ (0.060)	$ 2.530	$0.09	2.62
Oct	2024	2.611	$ (0.060)	$ 2.550	$0.09	2.64
Nov	2024	2.687	$ (0.050)	$ 2.638	$0.09	2.73
Dec	2024	2.860	$ (0.038)	$ 2.822	$0.10	2.92
Jan	2025	2.961	$ (0.030)	$ 2.931	$0.10	3.03
Feb	2025	2.947	$ (0.044)	$ 2.903	$0.10	3.00
Mar	2025	2.862	$ (0.048)	$ 2.817	$0.10	2.91
Apr	2025	2.688	$ (0.098)	$ 2.590	$0.09	2.68
May	2025	2.692	$ (0.093)	$ 2.598	$0.09	2.69
Jun	2025	2.727	$ (0.060)	$ 2.667	$0.09	2.76
Jul	2025	2.807	$ (0.038)	$ 2.770	$0.09	2.86
Aug	2025	2.831	$ (0.025)	$ 2.805	$0.09	2.90
Sep	2025	2.739	$ (0.059)	$ 2.680	$0.09	2.77
Oct	2025	2.754	$ (0.078)	$ 2.676	$0.09	2.77
Nov	2025	2.829	$ (0.065)	$ 2.764	$0.09	2.86
Dec	2025	2.987	$ (0.055)	$ 2.932	$0.10	3.03
Jan	2026	3.084	$ (0.045)	$ 3.038	$0.10	3.14
Feb	2026	3.076	$ (0.053)	$ 3.023	$0.10	3.12
Mar	2026	2.994	$ (0.059)	$ 2.935	$0.10	3.03
Apr	2026	2.857	$ (0.089)	$ 2.767	$0.09	2.86
May	2026	2.868	$ (0.088)	$ 2.780	$0.09	2.87
Jun	2026	2.914	$ (0.060)	$ 2.854	$0.10	2.95
Jul	2026	3.053	$ (0.044)	$ 3.009	$0.10	3.11
Aug	2026	3.085	$ (0.036)	$ 3.049	$0.10	3.15
Sep	2026	3.022	$ (0.063)	$ 2.958	$0.10	3.06
Oct	2026	3.013	$ (0.088)	$ 2.925	$0.10	3.02
Nov	2026	3.078	$ (0.064)	$ 3.014	$0.10	3.12
Dec	2026	3.243	$ (0.049)	$ 3.194	$0.11	3.30
Jan	2027	3.191	$ (0.040)	$ 3.282	$0.11	3.39
Feb	2027	3.333	$ (0.052)	$ 3.281	$0.11	3.39
Mar	2027	3.278	$ (0.064)	$ 3.213	$0.11	3.32
Apr	2027	3.126	$ (0.097)	$ 3.029	$0.10	3.13
May	2027	3.145	$ (0.096)	$ 3.049	$0.10	3.15
Jun	2027	3.207	$ (0.060)	$ 3.147	$0.11	3.25
Jul	2027	3.410	$ (0.044)	$ 3.366	$0.11	3.48
Aug	2027	3.447	$ (0.034)	$ 3.413	$0.11	3.53
Sep	2027	3.434	$ (0.066)	$ 3.368	$0.11	3.48
Oct	2027	3.325	$ (0.088)	$ 3.237	$0.11	3.35
Nov	2027	3.382	$ (0.064)	$ 3.328	$0.11	3.44
Dec	2027	3.568	$ (0.047)	$ 3.521	$0.12	3.64
Jan	2028	3.556	$ (0.035)	$ 3.521	$0.12	3.64
Feb	2028	3.576	$ (0.059)	$ 3.516	$0.12	3.63
Mar	2028	3.501	$ (0.066)	$ 3.435	$0.12	3.55
Apr	2028	3.454	$ (0.110)	$ 3.344	$0.11	3.46
May	2028	3.483	$ (0.100)	$ 3.383	$0.11	3.50
Jun	2028	3.644	$ (0.057)	$ 3.587	$0.12	3.71
Jul	2028	3.656	$ (0.036)	$ 3.620	$0.12	3.74
Aug	2028	3.698	$ (0.026)	$ 3.673	$0.12	3.80
Sep	2028	3.748	$ (0.063)	$ 3.685	$0.12	3.81
Oct	2028	3.729	$ (0.086)	$ 3.643	$0.12	3.76
Nov	2028	3.780	$ (0.066)	$ 3.714	$0.12	3.84
Dec	2028	4.008	$ (0.054)	$ 3.954	$0.13	4.09
Jan	2029	4.026	$ (0.034)	$ 3.993	$0.13	4.13
Feb	2029	4.063	$ (0.048)	$ 4.003	$0.13	4.14
Mar	2029	3.984	$ (0.054)	$ 3.930	$0.13	4.06
Apr	2029	3.878	$ (0.109)	$ 3.770	$0.13	3.90
May	2029	3.914	$ (0.104)	$ 3.830	$0.13	3.96
Jun	2029	4.041	$ (0.072)	$ 3.969	$0.13	4.10
Jul	2029	3.805	$ (0.048)	$ 3.757	$0.13	3.88
Aug	2029	3.855	$ (0.033)	$ 3.800	$0.13	3.93
Sep	2029	3.935	$ (0.072)	$ 3.863	$0.13	3.99
Oct	2029	3.926	$ (0.098)	$ 3.828	$0.13	3.96
Nov	2029	3.943	$ (0.044)	$ 3.800	$0.13	3.93
Dec	2029	4.020	$ (0.043)	$ 3.977	$0.13	4.11
Jan	2030	4.004	$ (0.028)	$ 3.976	$0.13	4.11
Feb	2030	4.029	$ (0.042)	$ 3.987	$0.13	4.12
Mar	2030	3.934	$ (0.052)	$ 3.882	$0.13	4.01
Apr	2030	3.906	$ (0.123)	$ 3.783	$0.13	3.91
May	2030	3.929	$ (0.101)	$ 3.828	$0.13	3.96
Jun	2030	3.994	$ (0.047)	$ 3.946	$0.13	4.08
Jul	2030	4.277	$ (0.019)	$ 4.258	$0.14	4.40
Aug	2030	4.308	$ 0.003	$ 4.311	$0.14	4.45
Sep	2030	4.245	$ (0.055)	$ 4.190	$0.14	4.33
Oct	2030	4.053	$ (0.079)	$ 3.974	$0.13	4.11
Nov	2030	3.979	$ (0.043)	$ 3.935	$0.13	4.07
Dec	2030	4.177	$ (0.041)	$ 4.131	$0.14	4.27
Jan	2031	4.225	$ (0.043)	$ 4.182	$0.14	4.32
Feb	2031	4.251	$ (0.053)	$ 4.198	$0.14	4.34
Mar	2031	4.167	$ (0.063)	$ 4.104	$0.14	4.24
Apr	2031	4.132	$ (0.128)	$ 4.004	$0.13	4.14
May	2031	4.158	$ (0.103)	$ 4.055	$0.14	4.19
Jun	2031	4.214	$ (0.062)	$ 4.152	$0.14	4.29
Jul	2031	4.499	$ (0.035)	$ 4.464	$0.15	4.61
Aug	2031	4.544	$ (0.039)	$ 4.505	$0.15	4.65
Sep	2031	4.460	$ (0.054)	$ 4.406	$0.15	4.55
Oct	2031	4.321	$ (0.080)	$ 4.240	$0.14	4.38
Nov	2031	4.381	$ (0.063)	$ 4.318	$0.14	4.46
Dec	2031	4.533	$ (0.053)	$ 4.480	$0.15	4.63
Jan	2032	4.448	$ (0.049)	$ 4.399	$0.15	4.55
Feb	2032	4.472	$ (0.059)	$ 4.413	$0.15	4.56
Mar	2032	4.455	$ (0.066)	$ 4.388	$0.15	4.53
Apr	2032	4.318	$ (0.130)	$ 4.188	$0.14	4.33
May	2032	4.342	$ (0.100)	$ 4.241	$0.14	4.38
Jun	2032	4.369	$ (0.058)	$ 4.311	$0.14	4.45
Jul	2032	4.491	$ (0.038)	$ 4.453	$0.15	4.60
Aug	2032	4.530	$ (0.029)	$ 4.501	$0.15	4.65
Sep	2032	4.464	$ (0.053)	$ 4.412	$0.15	4.56
Oct	2032	4.435	$ (0.081)	$ 4.354	$0.15	4.50
Nov	2032	4.539	$ (0.106)	$ 4.433	$0.15	4.58
Dec	2032	4.550	$ (0.077)	$ 4.473	$0.15	4.62
Jan	2033	4.197	$ (0.063)	$ 4.269	$0.14	4.41
Feb	2033	4.361	$ (0.073)	$ 4.288	$0.14	4.43
Mar	2033	4.319	$ (0.104)	$ 4.215	$0.14	4.36
Apr	2033	4.317	$ (0.144)	$ 4.173	$0.14	4.31
May	2033	4.345	$ (0.136)	$ 4.209	$0.14	4.35
Jun	2033	4.376	$ (0.080)	$ 4.295	$0.14	4.44
Jul	2033	4.510	$ (0.043)	$ 4.467	$0.15	4.62
Aug	2033	4.549	$ (0.023)	$ 4.526	$0.15	4.68
Sep	2033	4.490	$ (0.076)	$ 4.413	$0.15	4.56
Oct	2033	4.449	$ (0.124)	$ 4.324	$0.14	4.47
Nov	2033	4.579	$ (0.109)	$ 4.469	$0.15	4.62
Dec	2033	4.739	$ (0.081)	$ 4.659	$0.15	4.81
Jan	2034	4.726	$ (0.063)	$ 4.663	$0.16	4.82
Feb	2034	4.590	$ (0.073)	$ 4.516	$0.15	4.67
Mar	2034	4.457	$ (0.110)	$ 4.347	$0.14	4.49
Apr	2034	4.404	$ (0.134)	$ 4.270	$0.14	4.41
May	2034	4.433	$ (0.133)	$ 4.299	$0.14	4.44
Jun	2034	4.462	$ (0.080)	$ 4.382	$0.15	4.53
Jul	2034	4.676	$ (0.044)	$ 4.632	$0.15	4.79
Aug	2034	4.712	$ (0.024)	$ 4.687	$0.16	4.84
Sep	2034	4.623	$ (0.078)	$ 4.544	$0.15	4.70
Oct	2034	4.509	$ (0.131)	$ 4.378	$0.15	4.52
Nov	2034	4.704	$ (0.108)	$ 4.595	$0.15	4.75
Dec	2034	4.869	$ (0.073)	$ 4.796	$0.16	4.96
Jan	2035	4.897	$ (0.063)	$ 4.835	$0.16	5.00
Feb	2035	4.929	$ (0.073)	$ 4.849	$0.16	5.01
Mar	2035	4.772	$ (0.110)	$ 4.663	$0.16	4.82
Apr	2035	4.557	$ (0.140)	$ 4.416	$0.15	4.56
May	2035	4.586	$ (0.134)	$ 4.452	$0.15	4.60
Jun	2035	4.615	$ (0.080)	$ 4.534	$0.15	4.68
Jul	2035	4.853	$ (0.039)	$ 4.814	$0.16	4.97
Aug	2035	4.884	$ (0.027)	$ 4.857	$0.16	5.02
Sep	2035	4.802	$ (0.078)	$ 4.724	$0.16	4.88
Oct	2035	4.679	$ (0.132)	$ 4.547	$0.15	4.70
Nov	2035	4.719	$ (0.110)	$ 4.610	$0.15	4.76
Dec	2035	4.850	$ (0.070)	$ 4.780	$0.16	4.94
Jan	2036	4.798	$ (0.063)	$ 4.735	$0.16	4.89
Feb	2036	4.819	$ (0.080)	$ 4.739	$0.16	4.90
Mar	2036	4.738	$ (0.110)	$ 4.628	$0.15	4.78
Apr	2036	4.553	$ (0.143)	$ 4.409	$0.15	4.56
May	2036	4.581	$ (0.133)	$ 4.448	$0.15	4.60
Jun	2036	4.615	$ (0.083)	$ 4.532	$0.15	4.68
Jul	2036	4.751	$ (0.040)	$ 4.711	$0.16	4.87
Aug	2036	4.785	$ (0.030)	$ 4.755	$0.16	4.91
Sep	2036	4.762	$ (0.074)	$ 4.688	$0.16	4.84
Oct	2036	4.730	$ (0.124)	$ 4.606	$0.15	4.76
Nov	2036	4.794	$ (0.109)	$ 4.685	$0.16	4.84
Dec	2036	5.013	$ (0.070)	$ 4.943	$0.16	5.11
Jan	2037	5.030	$ (0.059)	$ 4.971	$0.17	5.14
Feb	2037	5.061	$ (0.068)	$ 4.993	$0.17	5.16
Mar	2037	4.986	$ (0.114)	$ 4.872	$0.16	5.03
Apr	2037	4.842	$ (0.142)	$ 4.700	$0.16	4.86
May	2037	4.872	$ (0.138)	$ 4.735	$0.16	4.89
Jun	2037	4.971	$ (0.078)	$ 4.843	$0.16	5.00
Jul	2037	5.132	$ (0.038)	$ 5.094	$0.17	5.26
Aug	2037	5.168	$ (0.030)	$ 5.138	$0.17	5.31
Sep	2037	5.094	$ (0.073)	$ 5.022	$0.17	5.19
Oct	2037	5.039	$ (0.136)	$ 4.903	$0.16	5.07
Nov	2037	5.103	$ (0.121)	$ 4.982	$0.17	5.15
Dec	2037	5.316	$ (0.071)	$ 5.245	$0.17	5.42
Jan	2038	5.338	$ (0.063)	$ 5.275	$0.17	5.45
Feb	2038	5.371	$ (0.075)	$ 5.295	$0.18	5.47
Mar	2038	5.288	$ (0.122)	$ 5.166	$0.17	5.34
Apr	2038	5.108	$ (0.142)	$ 4.965	$0.16	5.13
May	2038	5.139	$ (0.141)	$ 4.998	$0.17	5.16
Jun	2038	5.176	$ (0.083)	$ 5.094	$0.17	5.26
Jul	2038	5.323	$ (0.042)	$ 5.281	$0.18	5.46
Aug	2038	5.361	$ (0.037)	$ 5.324	$0.18	5.50
Sep	2038	5.240	$ (0.075)	$ 5.165	$0.17	5.34
Oct	2038	5.187	$ (0.139)	$ 5.049	$0.17	5.22
Nov	2038	5.273	$ (0.119)	$ 5.155	$0.17	5.33
Dec	2038	5.462	$ (0.072)	$ 5.390	$0.18	5.57
Jan	2039	5.479	$ (0.063)	$ 5.416	$0.18	5.60
Feb	2039	5.513	$ (0.073)	$ 5.440	$0.18	5.62
Mar	2039	5.381	$ (0.122)	$ 5.259	$0.17	5.43
Apr	2039	5.036	$ (0.152)	$ 4.883	$0.16	5.05
May	2039	5.085	$ (0.149)	$ 4.915	$0.16	5.08
Jun	2039	5.097	$ (0.092)	$ 5.006	$0.17	5.17
Jul	2039	5.149	$ (0.057)	$ 5.092	$0.17	5.26
Aug	2039	5.594	$ (0.045)	$ 5.549	$0.18	5.73
Sep	2039	5.570	$ (0.080)	$ 5.490	$0.18	5.67
Oct	2039	5.365	$ (0.141)	$ 5.222	$0.17	5.40
Nov	2039	5.424	$ (0.121)	$ 5.303	$0.18	5.48
Dec	2039	5.590	$ (0.085)	$ 5.505	$0.18	5.69
Jan	2040	5.550	$ (0.067)	$ 5.483	$0.18	5.66
Feb	2040	5.579	$ (0.108)	$ 5.471	$0.18	5.65
Mar	2040	5.488	$ (0.124)	$ 5.364	$0.18	5.54
Apr	2040	5.306	$ (0.152)	$ 5.155	$0.17	5.33
May	2040	5.337	$ (0.152)	$ 5.185	$0.17	5.36
Jun	2040	5.383	$ (0.098)	$ 5.284	$0.18	5.46
Jul	2040	5.580	$ (0.055)	$ 5.525	$0.18	5.71
Aug	2040	5.614	$ (0.039)	$ 5.575	$0.18	5.76
Sep	2040	5.602	$ (0.083)	$ 5.519	$0.18	5.70
Oct	2040	5.477	$ (0.152)	$ 5.326	$0.18	5.50
Nov	2040	5.535	$ (0.131)	$ 5.404	$0.18	5.58
Dec	2040	5.724	$ (0.072)	$ 5.652	$0.19	5.84
Jan	2041	5.766	$ (0.063)	$ 5.703	$0.19	5.89
Feb	2041	5.788	$ (0.092)	$ 5.696	$0.19	5.88
Mar	2041	5.665	$ (0.125)	$ 5.540	$0.18	5.72
Apr	2041	5.459	$ (0.153)	$ 5.305	$0.18	5.48
May	2041	5.487	$ (0.154)	$ 5.338	$0.18	5.52
Jun	2041	5.551	$ (0.090)	$ 5.461	$0.18	5.64
Jul	2041	5.794	$ (0.040)	$ 5.754	$0.19	5.94
Aug	2041	5.829	$ (0.027)	$ 5.802	$0.19	5.99
Sep	2041	5.831	$ (0.081)	$ 5.750	$0.19	5.94
Oct	2041	5.639	$ (0.155)	$ 5.484	$0.18	5.67
Nov	2041	5.749	$ (0.129)	$ 5.614	$0.19	5.80
Dec	2041	5.905	$ (0.063)	$ 5.842	$0.19	6.04
Jan	2042	5.890	$ (0.053)	$ 5.837	$0.19	6.03
Feb	2042	5.914	$ (0.087)	$ 5.827	$0.19	6.02
Mar	2042	5.789	$ (0.138)	$ 5.651	$0.19	5.84
Apr	2042	5.627	$ (0.162)	$ 5.465	$0.18	5.65
May	2042	5.662	$ (0.156)	$ 5.505	$0.18	5.69
Jun	2042	5.717	$ (0.083)	$ 5.634	$0.19	5.82
Jul	2042	6.009	$ (0.046)	$ 5.963	$0.20	6.16
Aug	2042	6.046	$ (0.011)	$ 6.035	$0.20	6.23
Sep	2042	6.028	$ (0.072)	$ 5.954	$0.20	6.15
Oct	2042	5.820	$ (0.154)	$ 5.666	$0.19	5.85
Nov	2042	5.952	$ (0.139)	$ 5.713	$0.19	5.90
Dec	2042	6.037	$ (0.131)	$ 5.906	$0.20	6.10
Jan	2043	6.007	$ (0.104)	$ 5.904	$0.20	6.10
Feb	2043	6.026	$ (0.152)	$ 5.875	$0.19	6.07
Mar	2043	5.909	$ (0.140)	$ 5.768	$0.19	5.96
Apr	2043	5.704	$ (0.194)	$ 5.510	$0.18	5.69
May	2043	5.739	$ (0.186)	$ 5.553	$0.18	5.74
Jun	2043	5.787	$ (0.159)	$ 5.623	$0.19	5.81
Jul	2043	6.064	$ (0.076)	$ 5.988	$0.20	6.19
Aug	2043	6.101	$ (0.060)	$ 6.040	$0.20	6.24
Sep	2043	6.170	$ (0.169)	$ 5.952	$0.20	6.15
Oct	2043	5.892	$ (0.166)	$ 5.727	$0.19	5.92
Nov	2043	5.943	$ (0.160)	$ 5.783	$0.19	5.97
Dec	2043	6.196	$ (0.143)	$ 5.993	$0.20	6.19
Jan	2044	6.152	$ (0.120)	$ 6.032	$0.20	6.23
Feb	2044	6.179	$ (0.155)	$ 6.024	$0.20	6.22
Mar	2044	6.080	$ (0.185)	$ 5.895	$0.19	6.08
Apr	2044	5.939	$ (0.215)	$ 5.724	$0.19	5.91
May	2044	5.974	$ (0.215)	$ 5.758	$0.19	5.95
Jun	2044	6.010	$ (0.169)	$ 5.841	$0.19	6.03
Jul	2044	6.285	$ (0.082)	$ 6.203	$0.21	6.41
Aug	2044	6.324	$ (0.060)	$ 6.264	$0.21	6.47
Sep	2044	6.312	$ (0.194)	$ 6.119	$0.20	6.32
Oct	2044	6.153	$ (0.218)	$ 5.934	$0.20	6.13
Nov	2044	6.248	$ (0.183)	$ 6.065	$0.20	6.27
Dec	2044	6.442	$ (0.152)	$ 6.290	$0.21	6.50
Jan	2045	6.424	$ (0.119)	$ 6.305	$0.21	6.51
Feb	2045	6.462	$ (0.173)	$ 6.289	$0.21	6.50
Mar	2045	6.358	$ (0.164)	$ 6.194	$0.20	6.40
Apr	2045	6.212	$ (0.226)	$ 5.987	$0.20	6.19
May	2045	6.245	$ (0.221)	$ 6.023	$0.20	6.22
Jun	2045	6.283	$ (0.174)	$ 6.110	$0.20	6.31
Jul	2045	6.474	$ (0.090)	$ 6.384	$0.21	6.70
Aug	2045	6.615	$ (0.064)	$ 6.551	$0.22	6.77
Sep	2045	6.627	$ (0.197)	$ 6.430	$0.21	6.64
Oct	2045	6.430	$ (0.221)	$ 6.209	$0.21	6.41
Nov	2045	6.534	$ (0.190)	$ 6.343	$0.21	6.55
Dec	2045	6.728	$ (0.160)	$ 6.568	$0.22	6.79
Jan	2046	6.739	$ (0.110)	$ 6.629	$0.22	6.85
Feb	2046	6.760	$ (0.174)	$ 6.586	$0.22	6.80
Mar	2046	6.602	$ (0.191)	$ 6.411	$0.21	6.62
Apr	2046	6.418	$ (0.238)	$ 6.179	$0.20	6.38
May	2046	6.446	$ (0.227)	$ 6.219	$0.21	6.42
Jun	2046	6.484	$ (0.177)	$ 6.307	$0.21	6.52
Jul	2046	6.815	$ (0.096)	$ 6.718	$0.22	6.94
Aug	2046	6.858	$ (0.058)	$ 6.800	$0.22	7.02
Sep	2046	6.838	$ (0.199)	$ 6.637	$0.22	6.86
Oct	2046	6.620	$ (0.222)	$ 6.397	$0.21	6.61
Nov	2046	6.680	$ (0.193)	$ 6.487	$0.21	6.70
Dec	2046	6.855	$ (0.151)	$ 6.704	$0.22	6.93
Jan	2047	6.873	$ (0.104)	$ 6.769	$0.22	6.99
Feb	2047	6.885	$ (0.193)	$ 6.691	$0.22	6.91
Mar	2047	6.640	$ (0.210)	$ 6.430	$0.21	6.64
Apr	2047	6.485	$ (0.255)	$ 6.231	$0.21	6.44
May	2047	6.511	$ (0.242)	$ 6.269	$0.21	6.48
Jun	2047	6.549	$ (0.153)	$ 6.397	$0.21	6.61
Jul	2047	6.870	$ (0.091)	$ 6.779	$0.22	7.00
Aug	2047	6.915	$ (0.054)	$ 6.859	$0.23	7.09
Sep	2047	6.910	$ (0.165)	$ 6.745	$0.22	6.97
Oct	2047	6.787	$ (0.234)	$ 6.553	$0.22	6.77
Nov	2047	6.947	$ (0.232)	$ 6.615	$0.22	6.83
Dec	2047	6.874	$ (0.180)	$ 6.695	$0.22	6.92
Jan	2048	6.803	$ (0.123)	$ 6.680	$0.22	6.90
Feb	2048	6.956	$ (0.214)	$ 6.623	$0.22	6.84
Mar	2048	6.682	$ (0.225)	$ 6.457	$0.21	6.67
Apr	2048	6.585	$ (0.258)	$ 6.327	$0.21	6.54
May	2048	6.607	$ (0.252)	$ 6.370	$0.21	6.58
Jun	2048	6.691	$ (0.186)	$ 6

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Assumptions

Commodity (see NYMEX & Fundy tab)

1) 2019 - 2024 based on NYMEX gas from 9/6/19 settlement prices.
2) 2024 - 2028 transition from NYMEX to Fundamentals
3) 2029 - 2050 based on Natural Gas Basis Differential and Prices from the Fundamentals Department 9/17/19

Assumptions:

PEF Transportation Fixed Costs

Cypress Expansion Project (Southern Natural Gas ("SNG") and Florida Gas Transmission ("FGT" Phase VII Expansion)

1) Primary source of Natural Gas Supply is the SNG LNG Elba Island LNG Terminal located near Savannah, GA

SNG Cypress Expansion

1) Primary Receipt Pt: Elba Island, GA Primary Delivery Pt: FGT on the Jacksonville, FL Lateral (Delivers into PEF's FGT Phase VII FTS-2 Capacity)
2) Secondary / Alternate Receipt Pts: Any point on SNG system Secondary / Alternate Delivery Pts: Any point on SNG system
3) Expected in service no sooner than May 1, 2007
4) Eff: May 1, 2007, FT Capacity = 60,453 Dts/day May - Sep
5) Eff: October 1, 2007, FT Capacity = 25,189 Dts/day (Oct - Apr)
6) Eff: May 1, 2008, FT Capacity = 80,605 Dts/day (May-Sep)
7) Eff: October 1, 2008, FT Capacity = 40,302 Dts/day (Oct - Apr)
8) Eff: May 1, 2009, FT Capacity = 100,756 Dts/day (May-Sep)
9) Eff: October 1, 2009, FT Capacity = 50,378 Dts/day (Oct - Apr)
10) Fixed Daily Demand Rate = $.3547/dt Year Round (Negotiated Rate)

FGT Phase VII Expansion

1) Primary Receipt Pt: SNG Cypress on Jacksonville, FL Primary Delivery Pts: FGT @ PEF Hines Complex, FGT @ Mirant Shady Hills and FGT @ PEF Anclote
2) Secondary / Alternate Receipt rights to any point on FGT Secondary / Alternate Delivery rights to any PEF Delivery Point on FGT
3) Expected in service no sooner than May 1, 2007
4) Eff: May 1, 2007, FT Capacity = 60,00 Dts/day (May - Sep)
5) Eff: October 1, 2007, FT Capacity = 25,000 Dts/day (Oct - Apr)
6) Eff: May 1, 2008, FT Capacity = 80,000 Dts/day (May - Sep)
7) Eff: October 1, 2008, FT Capacity = 40,000 Dts/day (Oct - Apr)
8) Eff: May 1, 2009, FT Capacity = 100,000 Dts/day (May-Sep)
9) Eff: October 1, 2009, FT Capacity = 50,000 Dts/day (Oct - Apr)
10) Fixed Daily Demand Rate = $.100/dt Discounted FTS-2 Rate (Oct - Apr)
11) Fixed Daily Demand Rate = $0.7185/dt (FTS-2 Rate with Rate Cap) (May - Sep)

Gulfstream FT-6 Transportation

FT-6 Transportation

1) Primary Receipt Pts: Mobile Bay Area Points Primary Delivery Pts: GNGS @ PEF Hines Complex, GNGS @ Intercession City and GNGS @ PEF Tiger Bay
2) All Fixed Cost Daily Demand Rates = $.55/dt (Negotiated Rates)
3) 1 FT-6 Contract No. 9000105R1 capacity sculpted = 72,000 Dts/day (Nov - Mar) and 90,000 Dts/day (Apr - Oct)
4) 2 FT-6 Contracts Year Round Capacity (not sculpted)
   a) Contract No. 9000665 = 30,000 Dts/day
   b) Contract No. 9000666 = 50,000 Dts/day
5) 1 FT-6 Contract No. 9162020 Osprey PPA / AMA 68,000 Dts/day From: 10/01/2014 To: 12/31/2016

Bartow GNGS Phase IV

1) 80,000 Dts/day (Sep-Dec 2008) and 155,000 Dts/day (2009 and forward)
2) All Fixed Cost Daily Demand Rates = $.59/dt
3) Contract No. 9035943

Hines GNGS Phase V

1) 35,000 Dts/day (Apr 2011 and beyond)
2) All Fixed Cost Daily Demand Rates = $.80/dt

Bartow GNGS

1) MDTQ = 5,000 Dts/Day thru 12/31/2012, and 7,000 Dts/Day Eff. 01/01/2013
2) Fixed Cost = $0.7041/dt (Negotiated Daily Demand Rate)
3) Contract No. 9120402 R3

Bartow GNGS (see K# 9120402 R3)

1) 2,000 Dts/Day (August 1, 2012 for 1-Yr w/ Yr to Yr Evergreen)
2) Fixed Cost = $0.7041/dt (Negotiated Daily Demand Rate)
3) Contract No. 9126223 Terminated on December 31, 2012 and combined with 9120402R3
4) See Contract No. 9120402R3 above effective January 1, 2013.

Citrus Contract on FGT (Administered by Dominion Energy)

1) Bundled Service via FGT
2) Primary Delivery Pt: FGT @ PEF Hines Complex
3) Daily Demand Rates = FGT FTS-2 Max Rate $0.7185
4) Bundled Delivery Service (includes supply)
5) Contract MDQ = 12,000 Dts/day (Nov - Apr)
6) Contract MDQ = 21,000 Dts/day (May - Oct)
7) Contract Expires November 1, 2013
8) Citrus FTS-1 & FTS-2 Contracts were permanently released to DEF effective: November 1, 2013 (see below under FGT Existing FTS-1 and FTS-2 Contracts)
9) See Notes under "FGT Existing FTS-1 and FTS-2 Contracts" (below - Notes 7 & 8)

FGT Existing FTS-1 and FTS-2 Contracts (excludes FGT Phase VII see above)

1) FTS-1 Capacity at a Daily Demand Rate Max FTS-1 Rate = $0.4694/Dt Effective 04/01/2010 (Rate Settlement in Docket No. RP10-21)
2) FTS-2 Capacity at a Daily Demand Rate Max FTS-2 Rate = $0.7185/Dt Effective 10/01/2010 (Rate Settlement in Docket No. RP10-21)
   a) Subject to Rate Cap (includes base usage rate in cap calculation) including reservation/demand rate surcharges at Daily Demand Rate = $.80/dt
3) Rates stated above (1&2) were settled in FGT Rate Case FERC Docket No. RP10-21, 09/03/2010 Eff. 10/01/2010 Pending FERC approval
4) FGT has a mandatory comeback requirement to file an NGA Section 4 Rate Case with FERC
   a) File with FERC no earlier than January 1, 2013
   b) File with FERC no later than November 1, 2014
5) FTS-1 Capacity at a Daily Demand Rate Max FTS-1 Rate = $0.4694/Dt (No Rate Cap)
   a) Contract No. 5815
6) FTS-2 Capacity at a Daily Demand Rate Max FTS-2 Rate = $0.7185/Dt (Subject to Rate Cap)
   a) Contract No. 5816
   b) Contract No. 5295 (Tiger Bay)
   c) Contract No. 5935 (FGT Phase IV)
      i) Primary Delivery Pts: PEF@ Hines, PEF @ Anclote, & PEF @ Intercession City (via Cane Island Lateral)
      ii) Secondary / Alternate Delivery Pts: All PEF Plants on FGT
7) Citrus / Dominion (VPEM) Permanent Capacity Release FGT FTS-1 Contact Nos. 114929, 114930, 114931 & 114934
   a) Effective: November 1, 2013
   b) Primary Delivery Point: Hines Energy Complex
   c) Annual Average Aggregate MDTQ = 6,932 Dts/day
   d) Max FTS-1 Recourse Rate = $.4694/Dt
   e) Combined w/ Note 8c below MDTQ = 12,000 Dts/day (Nov-Apr) and 21,000 Dts/day (May-Sep)
   f) 10 Year Rollover Option
8) Citrus / Dominion (VPEM) Permanent Capacity Release FGT FTS-2 Contact Nos. 114932 & 114933
   a) Effective: November 1, 2013
   b) Primary Delivery Point: Hines Energy Complex
   c) Annual Average Aggregate MDTQ = 9,568 Dts/day
   d) Max FTS-2 Recourse Rate = $.7185/Dt (Subject to Settlement Rate Cap)
   e) Combined w/ Note 7c above MDTQ = 12,000 Dts/day (Nov-Apr) and 21,000 Dts/day (May-Sep)
   f) ROFR rights

SGR Storage & Bay Gas

1) SGR based on 500,000 Dts/Mo (Nov-May) and 700,000 Dts/Mo (Jun-Oct) capacity
2) Bay Gas based on 500,000 Dts/Mo
3) Monthly Demand Rates = $0.22/dt thru 04/30/2013, then $0.24/dt 05/01/2013 thru 4/30/2018
4) Bay Gas negotiations completed
5) SGR contract expires 5/31/2018 (No Rollover Provision)

SESH

1) Based on 100,000 Dts/Day thru May2009, then 150,000 Dts/Day thru May2010 and then 200,000 Dts/Day
2) Monthly Demand Rates = $.275/dt

FGT Phase VIII Expansion (FTS-3) Contract # 111144

1) Eff April 2011, FTS-3 FT Capacity = 75,000 Dts/day
2) Fixed Daily Demand Rate = $1.30/dt

FGT (FTS-3) Contract # 113000

1) Eff April 2013, FTS-3 FT Capacity = 30,000 Dts/day
2) Fixed Daily Demand Rate = $1.25/dt

Transco Mobile Bay South Expansions Contract Nos. 9097513 (Ph I), 9109950 (Ph II) and 9111070 (BP Ph II)

1) Phase I - Based on 153,500 Dts/Day from May 2010
2) Monthly Demand Rates = $0.09958/dt (Eff: 03/01/2013) Settlement Rates Certified by FERC Presiding ALJ on 09/30/2013 & Subject to Final FERC Approval
3) Phase II - additional 50,000 Dts/Day effective May 1, 2011, at the same rate
4) Capacity Release From BP - additional 53,500 DTs/day eff. 6/1/16, at the same rate

Cost Allocation

1) Consumption percentage based on October 2013 FOF & Fall 2012 GFF

PGS Lateral for Vandolah

1) Vandolah only of $41,750/month beginning June 2012, expires May 31, 2027

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Florida- 2019 IRP Fall Refresh Update - Coal - Version History

File Preparer:	Michael Quinto
Date Prepared:	10/7/2019
Concurring Manager:	Brett Phipps
Date Approved:	
Updates to File:	Coal Fundamental Prices
	Rail Rates
	Barge Rates
	Assumptions

Florida- Fall 2019 IRP Refresh Update - Coal

No Carbon

********** Key Assumptions - PLEASE READ **********

1. Using the following CERA fundamental price forecast in Nominal dollars (see the "Coal Price Inputs" sheet):

   Source File: Base, Low High Commodity Coal Curves_FL

   Source Tab: Fundamentals - Ratio Method

   From: Michael Quinto

2. Vendors for the fundemental price curves changed in 2017 from EVA to CERA. With this change there was a reduction in the number of coal prices forecasts provided for each region. However, where transportation rates provided alternative delivery methods for the same coal price forecast a delivered price was calculated.
3. This is an evaluation of the delivered cost per mmbtu only (coal price plus transportation cost). See the "Master" sheet for the overall summary of the lowest cost alternatives by station by year (including cost and quality). Additional cost adjustments for scrubber costs, O&M, etc. could be added upon request.
4. The delivered cost per mmbtu was calculated for all coal alternatives that can be transported to each station (see the sheets for each station). The coal alternative with the lowest delivered cost was then able to be identified and chosen for each year. This format allows the reviewer to see the delivered costs for all alternatives, regardless of whether or not they were not chosen (enables quick review of cost deltas for the next lowest cost alternatives). Where the station cannot burn the single lowest cost alternative at 100%, the lowest cost blend was determined.
5. This update incorporates unit capability constraints (Min BTU, Max SO2, Max Ash, Max Chlorine, and Max Mercury) and current capacity for on-site blending as we know them today.
6. Does not include any other adders for sulfur removal costs, O&M impacts or anything else. However, please note these additional cost impacts can be incorporated into the analysis upon request.
7. The CSX rail transportation rates assume the current proposed rates based off of Aug. 2019 CSX rate proposal (with Fuel Surcharge calculations based on COB 9/12/2019 WTI fuel pricing and AII-LF based on the actual index numbers through Q3 2019). The rates are escalated at 2.0% annually for 2020 through 2050.
8. For additional rail and barge assumptions see tab " Transportation Rate assumptions".
9. Crystal River Units 1&2 retirement occurred 12/31/18

10 This IRP is for planning purposes only. Using fundamental pricing for coal and market estimates for transportation rates. This evaluation does not include the modeling of the existing contractual commitments for coal, transportation and trans-loading.

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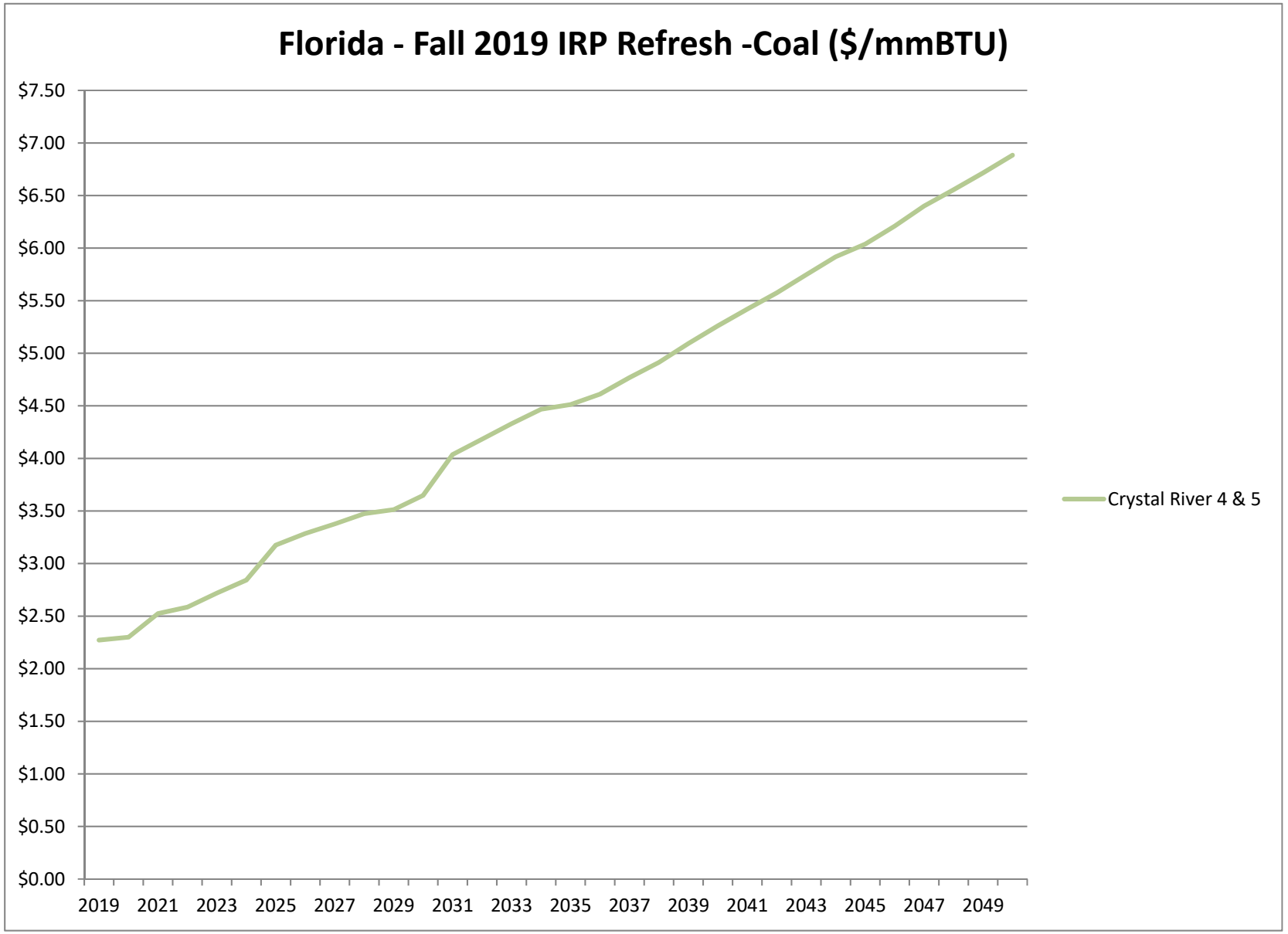

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Florida- Fall 2019 IRP Refresh Update - Coal **No Carbon** **High Commodity Price**

** Indicates unit capability constraints prevented selection of 100% of the lowest cost alternative

DELIVERED COST ($/MMBTU)

Station	Lowest Cost Alternatives	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050
Crystal River 4 & 5	A 50%/50% blend of IL-OH Rvr 11,500 5# & IL-OH Rvr 11,000 6# 2019-2030, and a 30%/60%/10% blend of IL-OH Rvr 11,500 5#, IL-OH Rvr 11,000 6#, & NAPP Rail 113,0004# coal 2031-2050**	$2.27	$2.30	$2.52	$2.59	$2.72	$2.84	$3.18	$3.29	$3.38	$3.47	$3.51	$3.65	$4.04	$4.18	$4.33	$4.47	$4.51	$4.61	$4.77	$4.91	$5.09	$5.26	$5.42	$5.58	$5.75	$5.92	$6.04	$6.21	$6.40	$6.56	$6.72	$6.88

BTU	Minimum BTU Limit	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050
Crystal River 4 & 5	10,700	11,250	11,250	11,250	11,250	11,250	11,250	11,250	11,250	11,250	11,250	11,250	11,250	11,350	11,350	11,350	11,350	11,350	11,350	11,350	11,350	11,350	11,350	11,350	11,350	11,350	11,350	11,350	11,350	11,350	11,350	11,350

SO2 (#/mmbtu)	Max SO2 Limit	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050
Crystal River 4 & 5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5

ASH	Max Ash Limit	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050
Crystal River 4 & 5	13%	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8

MERCURY (Hg) - ppm dry	Max Mercury (Hg) Limit	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050
Crystal River 4 & 5	NA	0.102	0.102	0.102	0.102	0.102	0.102	0.102	0.102	0.102	0.102	0.102	0.102	0.104	0.104	0.104	0.104	0.104	0.104	0.104	0.104	0.104	0.104	0.104	0.104	0.104	0.104	0.104	0.104	0.104	0.104	0.104	0.104

CHLORINE % AR	Max Chlorine Limit - ppm	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050
Crystal River 4 & 5	0.25%	0.13%	0.13%	0.13%	0.13%	0.13%	0.13%	0.13%	0.13%	0.13%	0.13%	0.13%	0.13%	0.12%	0.12%	0.12%	0.12%	0.12%	0.12%	0.12%	0.12%	0.12%	0.12%	0.12%	0.12%	0.12%	0.12%	0.12%	0.12%	0.12%	0.12%	0.12%	0.12%

										esc@2.5%																								
Market - COB 10/16/2019																																	
CRN	$2.03	$2.12	$2.18	$2.26	$2.43	$2.50	$2.56	$2.56	$2.63	$2.69																							
Blend																																	
Market	100%	100%	100%	100%	100%	89%	69%	49%	29%	9%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Fundamentals	0%	0%	0%	0%	0%	11%	31%	51%	71%	91%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Final Forecast																																	
CRN	$2.03	$2.12	$2.18	$2.26	$2.43	$2.53	$2.75	$2.93	$3.16	$3.40	$3.51	$3.65	$4.04	$4.18	$4.33	$4.47	$4.51	$4.61	$4.77	$4.91	$5.09	$5.26	$5.42	$5.58	$5.75	$5.92	$6.04	$6.21	$6.40	$6.56	$6.72	$6.88

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Florida- Fall 2019 IRP Refresh Update - Coal No Carbon

LOWEST COST ALTERNATIVE (Delivered $/mmbtu)

		Limits:	Min BTU	Max SO2	Max Ash	Max Cl		2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041
							Cost ($/mmbtu):	$2.27	$2.30	$2.52	$2.59	$2.72	$2.84	$3.18	$3.29	$3.38	$3.47	$3.51	$3.65	$4.04	$4.18	$4.33	$4.47	$4.51	$4.61	$4.77	$4.91	$5.09	$5.26	$5.42
Crystal River 4 & 5	A 50%/50% blend of IL-OH Rvr 11,500 5# & IL-OH Rvr 11,000 6# 2019-2030, and a 30%/60%/10% blend of IL-OH Rvr 11,500 5#, IL-OH Rvr 11,000 6#, & NAPP Rail 113,000# coal 2031-2050**		10,700	5.5	13.0%	0.25%	BTU/lb:	11,250	11,250	11,250	11,250	11,250	11,250	11,250	11,250	11,250	11,250	11,250	11,250	11,350	11,350	11,350	11,350	11,350	11,350	11,350	11,350	11,350	11,350	11,350
							SO2 (#/mmbtu):	5.49	5.49	5.49	5.49	5.49	5.49	5.49	5.49	5.49	5.49	5.49	5.49	5.47	5.47	5.47	5.47	5.47	5.47	5.47	5.47	5.47	5.47	5.47
							Ash (%):	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8
							Hg (ppm - dry):	0.102	0.102	0.102	0.102	0.102	0.102	0.102	0.102	0.102	0.102	0.102	0.102	0.104	0.104	0.104	0.104	0.104	0.104	0.104	0.104	0.104	0.104	0.104
							Chlorine %AR	0.13%	0.13%	0.13%	0.13%	0.13%	0.13%	0.13%	0.13%	0.13%	0.13%	0.13%	0.13%	0.12%	0.12%	0.12%	0.12%	0.12%	0.12%	0.12%	0.12%	0.12%	0.12%	0.12%
							Delta to Single Lowest Cost Alternative:	$0.03	$0.03	$0.03	$0.04	$0.03	$0.04	$0.03	$0.03	$0.03	$0.03	$0.03	$0.13	$0.26	$0.27	$0.27	$0.27	$0.29	$0.28	$0.27	$0.28	$0.29	$0.29	$0.30

SELECTED PERCENTAGES

Station	Basin	Coal Type	FOB Point	Btu/lb	#SO2/MMBtu	%Ash	Hg (ppm - dry)	Chlorine % AR	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041
Crystal River 4&5	NAPP	Pittsburgh Seam	Rail	13,000	4	8	0.122	0.10%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	10%	10%	10%	10%	10%	10%	10%	10%	10%	10%	10%
Crystal River 4&5	NAPP	Pittsburgh Seam	Barge	13,000	4	8	0.122	0.10%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Crystal River 4&5	CAPP	Low-Sulfur	Rail	12,500	1.6	10	0.110	0.10%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Crystal River 4&5	CAPP	Low-Sulfur	Barge	12,500	1.67	10	0.110	0.10%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Crystal River 4&5	ILB	Illinois	Rail	11,500	5	10	0.102	0.30%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Crystal River 4&5	ILB	Illinois	Barge	11,500	5	10	0.102	0.15%	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%	30%	30%	30%	30%	30%	30%	30%	30%	30%	30%	30%
Crystal River 4&5	ILB	Illinois	Rail	11,500	5	10	0.102	0.12%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Crystal River 4&5	ILB	Illinois	Barge	11,000	6	10	0.102	0.10%	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%	60%	60%	60%	60%	60%	60%	60%	60%	60%	60%	60%
Crystal River 4&5	ILB	Illinois	Rail	11,000	6	10	0.102	0.15%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Crystal River 4&5	ILB	Illinois	Barge	11,800	4.5	10	0.102	0.20%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Crystal River 4&5	ILB	Illinois	Barge	11,800	4.5	10	0.102	0.20%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Crystal River 4&5	ILB	Low Chlorine	Barge	11,500	5.2	10	0.102	0.08%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Crystal River 4&5	ILB	Low Chlorine	Rail	11,500	5.2	10	0.102	0.08%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Crystal River 4&5	PRB	High-Btu Gillette	Rail	8,800	0.8	5	0.060	0.01%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Crystal River 4&5	RM	Rockies	Rail	11,700	0.8	8	0.040	0.02%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
									100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%

DELIVERED COST ($/MMBTU)

Single Lowest Cost Alternative: $2.25 $2.27 $2.49 $2.55 $2.69 $2.81 $3.15 $3.25 $3.34 $3.44 $3.48 $3.52 $3.78 $3.92 $4.06 $4.19 $4.22 $4.34 $4.49 $4.63 $4.81 $4.97 $5.12

Station	Basin	Coal Type	FOB Point	Btu/lb	#SO2/MMBtu	%Ash	Hg (ppm - dry)	Chlorine % AR	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041
Crystal River 4&5	NAPP	Pittsburgh Seam	Rail	13,000	4	8	0.122	0.10%	$2.84	$2.89	$3.25	$3.27	$3.38	$3.43	$3.52	$3.68	$3.77	$3.86	$3.96	$4.04	$4.13	$4.30	$4.39	$4.52	$4.64	$4.58	$4.67	$4.80	$4.95	$5.11	$5.25
Crystal River 4&5	NAPP	Pittsburgh Seam	Barge	13,000	4	8	0.122	0.10%	$2.63	$2.68	$3.02	$3.04	$3.23	$3.27	$3.59	$3.74	$3.85	$3.94	$4.06	$4.15	$4.50	$4.67	$4.77	$4.91	$5.04	$4.99	$5.09	$5.23	$5.39	$5.56	$5.70
Crystal River 4&5	CAPP	Low-Sulfur	Rail	12,500	1.6	10	0.110	0.10%	$3.26	$2.95	$3.53	$3.77	$3.80	$3.98	$4.11	$4.27	$4.41	$4.53	$4.63	$4.75	$4.91	$4.92	$5.11	$5.28	$5.45	$5.66	$5.88	$6.11	$6.11	$6.34	$6.50
Crystal River 4&5	CAPP	Low-Sulfur	Barge	12,500	1.67	10	0.110	0.10%	$3.00	$2.69	$3.26	$3.49	$3.61	$3.78	$4.14	$4.29	$4.45	$4.58	$4.68	$4.81	$5.24	$5.25	$5.46	$5.63	$5.81	$6.03	$6.25	$6.50	$6.50	$6.74	$6.91
Crystal River 4&5	ILB	Illinois	Rail	11,500	5	10	0.102	0.30%	$2.74	$2.77	$3.02	$3.09	$3.13	$3.26	$3.35	$3.48	$3.55	$3.65	$3.69	$3.64	$3.92	$4.06	$4.21	$4.35	$4.38	$4.49	$4.66	$4.80	$4.98	$5.15	$5.31
Crystal River 4&5	ILB	Illinois	Barge	11,500	5	10	0.102	0.15%	$2.30	$2.33	$2.56	$2.62	$2.75	$2.88	$3.21	$3.32	$3.41	$3.51	$3.55	$3.68	$4.07	$4.21	$4.37	$4.51	$4.55	$4.67	$4.83	$4.98	$5.17	$5.34	$5.51
Crystal River 4&5	ILB	Illinois	Rail	11,500	5	10	0.102	0.12%	$2.63	$2.72	$2.97	$3.04	$3.07	$3.21	$3.29	$3.42	$3.50	$3.59	$3.62	$3.58	$3.85	$3.99	$4.14	$4.28	$4.31	$4.42	$4.59	$4.73	$4.91	$5.07	$5.24
Crystal River 4&5	ILB	Illinois	Barge	11,000	6	10	0.102	0.10%	$2.25	$2.27	$2.49	$2.55	$2.69	$2.81	$3.15	$3.25	$3.34	$3.44	$3.48	$3.61	$4.01	$4.15	$4.30	$4.44	$4.47	$4.59	$4.75	$4.90	$5.08	$5.25	$5.41
Crystal River 4&5	ILB	Illinois	Rail	11,000	6	10	0.102	0.15%	$2.59	$2.67	$2.91	$2.98	$3.02	$3.15	$3.24	$3.36	$3.43	$3.52	$3.56	$3.52	$3.78	$3.92	$4.06	$4.19	$4.22	$4.34	$4.49	$4.63	$4.81	$4.97	$5.12
Crystal River 4&5	ILB	Illinois	Barge	11,800	4.5	10	0.102	0.20%	$2.29	$2.31	$2.54	$2.70	$2.85	$2.99	$3.31	$3.43	$3.53	$3.63	$3.67	$3.62	$4.19	$4.34	$4.50	$4.65	$4.68	$4.81	$4.98	$5.14	$5.33	$5.51	$5.69
Crystal River 4&5	ILB	Illinois	Barge	11,800	4.5	10	0.102	0.20%	$2.61	$2.64	$2.84	$2.98	$3.14	$3.29	$3.62	$3.74	$3.85	$3.96	$4.01	$3.97	$4.54	$4.70	$4.88	$5.03	$5.07	$5.20	$5.39	$5.55	$5.76	$5.94	$6.12
Crystal River 4&5	ILB	Low Chlorine	Barge	11,500	5.2	10	0.102	0.08%	$2.38	$2.44	$2.68	$2.85	$3.01	$3.15	$3.49	$3.61	$3.71	$3.82	$3.86	$3.81	$4.40	$4.56	$4.74	$4.89	$4.93	$5.06	$5.24	$5.40	$5.61	$5.80	$5.98
Crystal River 4&5	ILB	Low Chlorine	Rail	11,500	5.2	10	0.102	0.08%	$2.59	$2.65	$2.91	$3.08	$3.14	$3.30	$3.38	$3.51	$3.59	$3.69	$3.73	$3.67	$3.97	$4.12	$4.28	$4.43	$4.45	$4.57	$4.75	$4.90	$5.09	$5.27	$5.45
Crystal River 4&5	PRB	High-Btu Gillette	Rail	8,800	0.8	5	0.060	0.01%	$3.08	$3.13	$3.22	$3.33	$3.39	$3.49	$3.58	$3.69	$3.78	$3.86	$3.96	$4.06	$4.16	$4.26	$4.38	$4.49	$4.60	$4.70	$4.82	$4.95	$5.09	$5.24	$5.37
Crystal River 4&5	RM	Rockies	Rail	11,700	0.8	8	0.040	0.02%	$3.91	$4.03	$4.21	$4.31	$4.43	$4.59	$4.72	$4.79	$4.92	$5.03	$5.17	$5.29	$5.41	$5.56	$5.58	$5.73	$5.88	$6.05	$6.04	$6.21	$6.40	$6.60	$6.75

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Florida- Fall 2019 IRP Refresh Update - Coal No Carbon

Duke Internal High Commodity Fundamental Price Forecast*

Source File: Base, Low High Commodity Coal Curves_FL Source Tab: Fundamentals - Ratio Method

From: Michael Quinto

* Internal escalation rate of 2.5% applied starting in 2041 due to escalation rate error in HIS supplied market update (per email from Mike Quinto received 4/25/19)

Updated: 11/6/2019 Michael Quinto

Basin	Coal Type	FOB Point	Btu/lb	#SO2/MMBtu	%Ash	Avg Hg ppm (dry)	Chlorine % AR	INDEX	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050
								Inflator 2018 = 1.0>>>	1.000	1.020	1.047	1.073	1.095	1.117	1.139	1.161	1.184	1.207	1.231	1.256	1.281	1.307	1.334	1.360	1.388	1.416	1.444	1.473	1.502	1.531	2.500	2.500	2.500	2.500	2.500	2.500	2.500	2.500	2.500	2.500
NAPP	Pittsburgh Seam	Rail	13,000	4.0	8.0	0.122	0.10%	NAPP-Pitt-CSX/NS-MGA-13000-HS-4.0	$46.00	$47.15	$55.78	$55.78	$57.88	$58.40	$60.04	$63.36	$65.19	$66.69	$68.72	$70.16	$71.82	$75.41	$76.98	$79.78	$82.10	$79.75	$81.27	$83.97	$86.96	$90.34	$92.94	$95.62	$98.61	$101.72	$103.39	$106.47	$109.96	$112.50	$115.28	$118.15
NAPP	Pittsburgh Seam	Barge	13,000	4.0	8.0	0.122	0.10%	NAPP-Pitt-Barge-MonR-13000-HS-4.0	$46.00	$47.15	$55.78	$55.78	$57.88	$58.40	$60.04	$63.36	$65.19	$66.69	$68.72	$70.16	$71.82	$75.41	$76.98	$79.78	$82.10	$79.75	$81.27	$83.97	$86.96	$90.34	$92.94	$95.62	$98.61	$101.72	$103.39	$106.47	$109.96	$112.50	$115.28	$118.15
CAPP	Low-Sulfur	Rail	12,500	1.6	10.0	0.110	0.10%	CAPP-EKY-CSX-Big Sandy-12500-LS-1.6	$57.39	$49.42	$63.51	$68.93	$69.03	$72.82	$75.34	$78.76	$81.72	$84.12	$85.97	$88.48	$91.83	$91.32	$95.65	$99.08	$102.77	$107.31	$112.12	$117.25	$116.48	$121.42	$124.89	$127.80	$130.65	$134.46	$136.22	$139.72	$143.77	$146.70	$149.92	$153.24
CAPP	Low-Sulfur	Barge	12,500	1.6	10.0	0.110	0.10%	CAPP-EKY-Barge-BSR-12000-LS-1.6	$57.39	$49.42	$63.51	$68.93	$69.03	$72.82	$75.34	$78.76	$81.72	$84.12	$85.97	$88.48	$91.83	$91.32	$95.65	$99.08	$102.77	$107.31	$112.12	$117.25	$116.48	$121.42	$124.89	$127.80	$130.65	$134.46	$136.22	$139.72	$143.77	$146.70	$149.92	$153.24
ILB	Illinois	Rail	11,500	5.0	10.0	0.102	0.30%	ILLB-IL-Rail-South IL-11500-VH-5	$40.03	$40.60	$45.77	$46.92	$47.22	$49.76	$51.09	$53.33	$54.59	$56.24	$56.52	$54.95	$60.67	$63.33	$66.26	$68.80	$68.84	$70.89	$74.03	$76.61	$80.16	$83.34	$86.40	$89.26	$92.49	$95.74	$97.71	$100.96	$104.61	$107.34	$110.30	$113.32
ILB	Illinois	Barge	11,500	5.0	10.0	0.102	0.15%	ILLB-IL-Barge-OhioR-11500-VH-5	$40.03	$40.60	$45.77	$46.92	$47.22	$49.76	$51.09	$53.33	$54.59	$56.24	$56.52	$59.06	$60.67	$63.33	$66.26	$68.80	$68.84	$70.89	$74.03	$76.61	$80.16	$83.34	$86.40	$89.26	$92.49	$95.74	$97.71	$100.96	$104.61	$107.34	$110.30	$113.32
ILB	Illinois	Rail	11,500	5.0	10.0	0.102	0.12%	ILLB-IN-Rail-Sullivan-11500-VH-5	$40.03	$40.60	$45.77	$46.92	$47.22	$49.76	$51.09	$53.33	$54.59	$56.24	$56.52	$54.95	$60.67	$63.33	$66.26	$68.80	$68.84	$70.89	$74.03	$76.61	$80.16	$83.34	$86.40	$89.26	$92.49	$95.74	$97.71	$100.96	$104.61	$107.34	$110.30	$113.32
ILB	Illinois	Barge	11,000	6.0	10.0	0.102	0.10%	ILLB-WKY-Barge-OhioR-11000-XH-6	$36.58	$36.97	$41.68	$42.72	$43.00	$45.31	$46.52	$48.56	$49.71	$51.22	$51.47	$53.78	$55.25	$57.67	$60.34	$62.65	$62.69	$64.55	$67.41	$69.77	$73.00	$75.89	$78.68	$81.28	$84.22	$87.18	$88.98	$91.94	$95.26	$97.74	$100.44	$103.19
ILB	Illinois	Rail	11,000	6.0	10.0	0.102	0.15%	ILLB-IN-Rail-Sullivan-11000-XH-6	$36.58	$36.97	$41.68	$42.72	$43.00	$45.31	$46.52	$48.56	$49.71	$51.22	$51.47	$50.04	$55.25	$57.67	$60.34	$62.65	$62.69	$64.55	$67.41	$69.77	$73.00	$75.89	$78.68	$81.28	$84.22	$87.18	$88.98	$91.94	$95.26	$97.74	$100.44	$103.19
ILB	Illinois	Rail	11,000	6.0	10.0	0.102	0.15%	ILLB-IL-Rail-Central IL-11000-XH-6	$36.58	$36.97	$41.68	$42.72	$43.00	$45.31	$46.52	$48.56	$49.71	$51.22	$51.47	$50.04	$55.25	$57.67	$60.34	$62.65	$62.69	$64.55	$67.41	$69.77	$73.00	$75.89	$78.68	$81.28	$84.22	$87.18	$88.98	$91.94	$95.26	$97.74	$100.44	$103.19
ILB	Illinois	Barge	11,800	4.5	10.0	0.102	0.20%	ILLB-WKY-Barge-Green River-11800-XH-4.5	$41.15	$41.58	$46.78	$50.27	$51.19	$54.10	$55.54	$57.98	$59.35	$61.15	$61.45	$59.74	$65.96	$68.85	$72.04	$74.80	$74.84	$77.06	$80.48	$83.29	$87.15	$90.61	$93.93	$97.04	$100.55	$104.09	$106.23	$109.76	$113.73	$116.69	$119.91	$123.20
ILB	Illinois	Barge	11,800	4.5	10.0	0.102	0.20%	ILLB-WKY-Barge-OhioR-11800-XH-4.5	$41.15	$41.58	$46.78	$50.27	$51.19	$54.10	$55.54	$57.98	$59.35	$61.15	$61.45	$59.74	$65.96	$68.85	$72.04	$74.80	$74.84	$77.06	$80.48	$83.29	$87.15	$90.61	$93.93	$97.04	$100.55	$104.09	$106.23	$109.76	$113.73	$116.69	$119.91	$123.20
ILB	Low Chlorine	Barge	11,500	5.2	10.0	0.102	0.08%	ILLB-WKY-Barge-OhioR-11500-VH-5.2-LC-.8	$41.86	$43.10	$48.49	$52.11	$53.06	$56.07	$57.57	$60.10	$61.52	$63.38	$63.69	$61.93	$68.37	$71.37	$74.67	$77.53	$77.58	$79.88	$83.42	$86.33	$90.33	$93.92	$97.36	$100.59	$104.23	$107.89	$110.11	$113.77	$117.88	$120.95	$124.29	$127.69
ILB	Low Chlorine	Rail	11,500	5.2	10.0	0.102	0.08%	ILLB-WKY-CSX-WKY-11500-VH-5.2-LC-.8	$41.86	$43.10	$48.49	$52.11	$53.06	$56.07	$57.57	$60.10	$61.52	$63.38	$63.69	$61.93	$68.37	$71.37	$74.67	$77.53	$77.58	$79.88	$83.42	$86.33	$90.33	$93.92	$97.36	$100.59	$104.23	$107.89	$110.11	$113.77	$117.88	$120.95	$124.29	$127.69
PRB	High-Btu Gillette	Rail	8,800	0.8	5.0	0.060	0.01%	PRB-WY-BN/UP-Gillette-8800-CS-0.8	$12.21	$12.68	$13.24	$14.20	$14.19	$14.78	$15.24	$15.93	$16.54	$17.06	$17.72	$18.55	$19.13	$19.88	$20.81	$21.72	$22.51	$23.02	$24.06	$25.14	$26.31	$27.62	$28.67	$29.72	$30.91	$32.18	$33.06	$34.41	$35.96	$37.24	$38.66	$40.16
RM	Rockies	Rail	11,700	0.8	8.0	0.040	0.02%	Rockies-CO-UP-North Fork-11700-CS-.8	$32.54	$34.86	$37.76	$38.60	$39.77	$42.08	$43.54	$43.54	$45.07	$46.38	$48.08	$49.39	$50.86	$52.78	$51.81	$53.75	$55.63	$57.96	$55.90	$58.32	$60.99	$63.98	$65.49	$67.71	$70.11	$72.51	$73.80	$76.20	$78.88	$80.84	$82.98	$85.18
RM	Rockies	Barge	11,700	0.8	8.0	0.040	0.02%	Rockies-CO-UP-North Fork-11700-CS-.8	$32.54	$34.86	$37.76	$38.60	$39.77	$42.08	$43.54	$43.54	$45.07	$46.38	$48.08	$49.39	$50.86	$52.78	$51.81	$53.75	$55.63	$57.96	$55.90	$58.32	$60.99	$63.98	$65.49	$67.71	$70.11	$72.51	$73.80	$76.20	$78.88	$80.84	$82.98	$85.18

Price Forecast Received from Andrew James via e-mail on 9/17/19 (Nominal $/ton) **

Reviewed transportation delivery locations with Shawn Shultz, Manager Coal Transportation 10/2018

With ILB Curve Updates from NEW ILB file received 10/4

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CSX Rate Master Updated: 10/2/2019 tw **Post 2026 escalation:** 2.0% **Source:** \\cltpsmf02\fuelpur\PLANNING\IRP Refresh Files\2019 Fall IRP Refresh\Supporting Files\DEF Florida CSX Conventional Rail Rate Scenario_100219.xlsm

			CAPP					NAPP				ILB						Energy, CO	ConJunction, WY						
Key	Station	Year	Typo, KY	Resource, KY	Phillips, WV	Bull Creek 2, WV	Hutchinson, WV	Harrison Co, WV	Bailey Mine, PA	Marion Co, WV	Monongalia Co, WV	Evansville, IN	White Oak, IL	Oaktown,IN	Carlisle, IN	BearRun,IN	Cardinal 9, KY	CSX UP	CSX PRB	CSX CAPP Basin	CSX NAPP Basin	CSX ILB Basin	CSX CN Galatia	CSX Sullivan	CSX Western KY
Crystal River 4&5 2019	Crystal River 4&5	**2019**	$23.51	$20.13	$27.82	$24.57	$25.13	$28.51	$29.55	$26.09	$27.50	$21.29	$23.01	$21.31	$20.96	$22.83	$17.78	$58.88	$41.98	$24.23	$27.91	$21.20	$23.01	$20.40	$17.78
Crystal River 4&5 2020	Crystal River 4&5	2020	$23.51	$20.13	$27.82	$24.57	$25.13	$28.51	$29.55	$26.09	$27.50	$21.29	$23.01	$21.31	$20.96	$22.83	$17.94	$59.41	$42.36	$24.23	$27.91	$21.23	$23.01	$21.88	$17.94
Crystal River 4&5 2021	Crystal River 4&5	2021	$24.11	$20.65	$28.57	$25.21	$25.78	$29.24	$30.32	$26.75	$28.20	$21.84	$23.60	$21.84	$21.48	$23.39	$18.38	$60.85	$43.39	$24.86	$28.63	$21.75	$23.60	$22.43	$18.38
Crystal River 4&5 2022	Crystal River 4&5	2022	$24.62	$21.08	$29.10	$25.73	$26.31	$29.86	$30.93	$27.34	$28.81	$22.30	$24.10	$22.34	$21.99	$23.95	$18.82	$62.32	$44.44	$25.37	$29.23	$22.25	$24.10	$22.94	$18.82
Crystal River 4&5 2023	Crystal River 4&5	2023	$25.23	$21.60	$29.84	$26.37	$26.97	$30.60	$31.71	$28.01	$29.52	$22.86	$24.70	$22.89	$22.52	$24.53	$19.28	$63.83	$45.51	$26.00	$29.96	$22.80	$24.70	$23.50	$19.28
Crystal River 4&5 2024	Crystal River 4&5	2024	$25.88	$22.16	$30.64	$27.06	$27.67	$31.39	$32.54	$28.72	$30.27	$23.45	$25.33	$23.46	$23.07	$25.13	$19.74	$65.38	$46.61	$26.68	$30.73	$23.36	$25.33	$24.09	$19.74
Crystal River 4&5 2025	Crystal River 4&5	2025	$26.52	$22.71	$31.41	$27.73	$28.35	$32.16	$33.35	$29.43	$31.02	$24.03	$25.96	$24.03	$23.63	$25.74	$20.22	$66.96	$47.74	$27.35	$31.49	$23.93	$25.96	$24.68	$20.22
Crystal River 4&5 2026	Crystal River 4&5	2026	$27.19	$23.28	$32.20	$28.42	$29.06	$32.97	$34.19	$30.16	$31.80	$24.63	$26.61	$24.63	$24.23	$26.38	$20.73	$68.64	$48.94	$28.03	$32.28	$24.53	$26.61	$25.29	$20.73
Crystal River 4&5 2027	Crystal River 4&5	2027	$27.73	$23.75	$32.84	$28.99	$29.64	$33.63	$34.87	$30.76	$32.43	$25.12	$27.14	$25.12	$24.71	$26.91	$21.14	$70.01	$49.92	$28.59	$32.92	$25.02	$27.14	$25.80	$21.14
Crystal River 4&5 2028	Crystal River 4&5	2028	$28.28	$24.22	$33.50	$29.57	$30.24	$34.30	$35.57	$31.38	$33.08	$25.62	$27.68	$25.63	$25.20	$27.45	$21.56	$71.41	$50.91	$29.16	$33.58	$25.52	$27.68	$26.32	$21.56
Crystal River 4&5 2029	Crystal River 4&5	2029	$28.85	$24.71	$34.17	$30.16	$30.84	$34.99	$36.28	$32.01	$33.74	$26.13	$28.24	$26.14	$25.71	$27.99	$21.99	$72.84	$51.93	$29.75	$34.25	$26.03	$28.24	$26.84	$21.99
Crystal River 4&5 2030	Crystal River 4&5	2030	$29.43	$25.20	$34.85	$30.76	$31.46	$35.69	$37.00	$32.65	$34.42	$26.66	$28.80	$26.66	$26.22	$28.55	$22.43	$74.29	$52.97	$30.34	$34.94	$26.56	$28.80	$27.38	$22.43
Crystal River 4&5 2031	Crystal River 4&5	2031	$30.02	$25.70	$35.55	$31.38	$32.09	$36.40	$37.74	$33.30	$35.10	$27.19	$29.38	$27.20	$26.75	$29.13	$22.88	$75.78	$54.03	$30.95	$35.64	$27.09	$29.38	$27.93	$22.88
Crystal River 4&5 2032	Crystal River 4&5	2032	$30.62	$26.22	$36.26	$32.01	$32.73	$37.13	$38.50	$33.97	$35.81	$27.73	$29.96	$27.74	$27.28	$29.71	$23.34	$77.30	$55.11	$31.57	$36.35	$27.63	$29.96	$28.49	$23.34
Crystal River 4&5 2033	Crystal River 4&5	2033	$31.23	$26.74	$36.99	$32.65	$33.38	$37.87	$39.27	$34.65	$36.52	$28.29	$30.56	$28.29	$27.83	$30.30	$23.81	$78.84	$56.21	$32.20	$37.08	$28.18	$30.56	$29.06	$23.81
Crystal River 4&5 2034	Crystal River 4&5	2034	$31.85	$27.28	$37.73	$33.30	$34.05	$38.63	$40.05	$35.34	$37.25	$28.85	$31.18	$28.86	$28.38	$30.91	$24.28	$80.42	$57.34	$32.84	$37.82	$28.74	$31.18	$29.64	$24.28
Crystal River 4&5 2035	Crystal River 4&5	2035	$32.49	$27.82	$38.48	$33.97	$34.73	$39.40	$40.86	$36.05	$38.00	$29.43	$31.80	$29.44	$28.95	$31.53	$24.77	$82.03	$58.48	$33.50	$38.57	$29.32	$31.80	$30.23	$24.77
Crystal River 4&5 2036	Crystal River 4&5	2036	$33.14	$28.38	$39.25	$34.65	$35.43	$40.19	$41.67	$36.77	$38.76	$30.02	$32.43	$30.03	$29.53	$32.16	$25.27	$83.67	$59.65	$34.17	$39.35	$29.91	$32.43	$30.83	$25.27
Crystal River 4&5 2037	Crystal River 4&5	2037	$33.80	$28.95	$40.04	$35.34	$36.14	$40.99	$42.51	$37.50	$39.53	$30.62	$33.08	$30.63	$30.12	$32.80	$25.77	$85.34	$60.85	$34.85	$40.13	$30.50	$33.08	$31.45	$25.77
Crystal River 4&5 2038	Crystal River 4&5	2038	$34.48	$29.53	$40.84	$36.05	$36.86	$41.81	$43.36	$38.25	$40.32	$31.23	$33.75	$31.24	$30.72	$33.46	$26.29	$87.05	$62.06	$35.55	$40.94	$31.11	$33.75	$32.08	$26.29
Crystal River 4&5 2039	Crystal River 4&5	2039	$35.17	$30.12	$41.65	$36.77	$37.60	$42.65	$44.22	$39.02	$41.13	$31.86	$34.42	$31.86	$31.34	$34.13	$26.81	$88.79	$63.30	$36.26	$41.75	$31.74	$34.42	$32.72	$26.81
Crystal River 4&5 2040	Crystal River 4&5	2040	$35.87	$30.72	$42.49	$37.50	$38.35	$43.50	$45.11	$39.80	$41.95	$32.49	$35.11	$32.50	$31.97	$34.81	$27.35	$90.56	$64.57	$36.98	$42.59	$32.37	$35.11	$33.38	$27.35
Crystal River 4&5 2041	Crystal River 4&5	2041	$36.59	$31.33	$43.34	$38.25	$39.11	$44.37	$46.01	$40.59	$42.79	$33.14	$35.81	$33.15	$32.60	$35.50	$27.89	$92.38	$65.86	$37.72	$43.44	$33.02	$35.81	$34.04	$27.89
Crystal River 4&5 2042	Crystal River 4&5	2042	$37.32	$31.96	$44.20	$39.02	$39.90	$45.26	$46.93	$41.40	$43.65	$33.81	$36.53	$33.81	$33.26	$36.21	$28.45	$94.22	$67.18	$38.48	$44.31	$33.68	$36.53	$34.72	$28.45
Crystal River 4&5 2043	Crystal River 4&5	2043	$38.07	$32.60	$45.09	$39.80	$40.69	$46.16	$47.87	$42.23	$44.52	$34.48	$37.26	$34.49	$33.92	$36.94	$29.02	$96.11	$68.52	$39.25	$45.20	$34.35	$37.26	$35.42	$29.02
Crystal River 4&5 2044	Crystal River 4&5	2044	$38.83	$33.25	$45.99	$40.59	$41.51	$47.09	$48.83	$43.08	$45.41	$35.17	$38.00	$35.18	$34.60	$37.68	$29.60	$98.03	$69.89	$40.03	$46.10	$35.04	$38.00	$36.13	$29.60
Crystal River 4&5 2045	Crystal River 4&5	2045	$39.60	$33.92	$46.91	$41.40	$42.34	$48.03	$49.80	$43.94	$46.32	$35.88	$38.76	$35.88	$35.29	$38.43	$30.19	$99.99	$71.29	$40.83	$47.02	$35.74	$38.76	$36.85	$30.19
Crystal River 4&5 2046	Crystal River 4&5	2046	$40.40	$34.59	$47.85	$42.23	$43.19	$48.99	$50.80	$44.82	$47.25	$36.59	$39.54	$36.60	$36.00	$39.20	$30.80	$101.99	$72.72	$41.65	$47.96	$36.45	$39.54	$37.59	$30.80
Crystal River 4&5 2047	Crystal River 4&5	2047	$41.20	$35.29	$48.80	$43.08	$44.05	$49.97	$51.81	$45.71	$48.19	$37.32	$40.33	$37.33	$36.72	$39.98	$31.41	$104.03	$74.17	$42.48	$48.92	$37.18	$40.33	$38.34	$31.41
Crystal River 4&5 2048	Crystal River 4&5	2048	$42.03	$35.99	$49.78	$43.94	$44.93	$50.97	$52.85	$46.63	$49.15	$38.07	$41.14	$38.08	$37.45	$40.78	$32.04	$106.11	$75.65	$43.33	$49.90	$37.93	$41.14	$39.10	$32.04
Crystal River 4&5 2049	Crystal River 4&5	2049	$42.87	$36.71	$50.78	$44.82	$45.83	$51.99	$53.91	$47.56	$50.14	$38.83	$41.96	$38.84	$38.20	$41.60	$32.68	$108.23	$77.17	$44.20	$50.90	$38.69	$41.96	$39.89	$32.68
Crystal River 4&5 2050	Crystal River 4&5	2050	$43.73	$37.45	$51.79	$45.71	$46.75	$53.03	$54.99	$48.51	$51.14	$39.61	$42.80	$39.62	$38.97	$42.43	$33.34	$110.40	$78.71	$45.08	$51.92	$39.46	$42.80	$40.68	$33.34

Misc Rates

5 Year Escalation Rate 2.0%

Base Rail Rates ($/ton)

	Cora	Cook	Calvert City	Houston	Crystal River
Twenty Mile	$29.00	$30.75	$32.00	$34.25	$58.25
West Elk	$30.50	$32.25	$33.50	$35.75	$59.25
Bowie	$30.50	$32.25	$33.50	$35.75	$59.25

Total Rate ($/ton)

	Cora	Cook	Calvert City	Houston	Crystal River
Twenty Mile	$30.92	$32.86	$34.16	$36.65	$62.87
West Elk	$32.58	$34.49	$35.82	$38.31	$64.09
Bowie	$32.58	$34.49	$35.82	$38.31	$64.09

Mileage

	Cora	Cook	Calvert City	Houston	Crystal River
Twenty Mile	1203	1321	1349	1500	2100
West Elk	1300	1400	1450	1600	2200
Bowie	1300	1400	1450	1600	2200

UP 0.16 $/ton-mile HDF Price

CSX 0.22 $/ton-mile 2.858 $/gallon

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Barge Rate Master Updated: 10/2/2019 tw **Post 2024 escalation:** 2.0% **Source:** \\cltpsmf02\FuelPUR\Planning\IRP Refresh Files\Fall 2019 IRP Refresh\Supporting Files\Fall 2019 FLORIDA BARGE FOF_Working File_Fixed Costs Removed through 2024

Key	Station2	Year	Barge CAPP Basin	Barge NAPP Pitt 8	Barge NAPP OH MP100	Barge ILB Green River	Barge ILB OH River	Barge UP RM to Convent	Mt Vernon	Calvert City
Crystal River 4&5 2019	Crystal River 4&5	2019	$17.67	$22.29	$18.67	$20.46	$12.83	$51.92	$12.20	$13.55
Crystal River 4&5 2020	Crystal River 4&5	2020	$17.90	$22.58	$18.90	$20.72	$12.99	$53.46	$12.36	$13.73
Crystal River 4&5 2021	Crystal River 4&5	2021	$18.05	$22.77	$19.06	$20.22	$13.10	$54.56	$12.46	$13.84
Crystal River 4&5 2022	Crystal River 4&5	2022	$18.42	$23.24	$19.46	$20.15	$13.37	$55.48	$12.72	$14.13
Crystal River 4&5 2023	Crystal River 4&5	2023	$21.26	$26.18	$22.32	$23.03	$16.10	$56.57	$17.87	$19.31
Crystal River 4&5 2024	Crystal River 4&5	2024	$21.71	$26.74	$22.79	$23.52	$16.44	$57.74	$18.25	$19.72
Crystal River 4&5 2025	Crystal River 4&5	2025	$28.06	$33.19	$29.16	$29.90	$22.67	$64.83	$30.40	$31.90
Crystal River 4&5 2026	Crystal River 4&5	2026	$28.51	$33.77	$29.64	$30.40	$23.00	$66.03	$30.69	$32.23
Crystal River 4&5 2027	Crystal River 4&5	2027	$29.51	$34.91	$30.67	$31.45	$23.85	$67.64	$31.98	$33.56
Crystal River 4&5 2028	Crystal River 4&5	2028	$30.27	$35.82	$31.46	$32.26	$24.45	$69.00	$32.74	$34.36
Crystal River 4&5 2029	Crystal River 4&5	2029	$31.05	$36.76	$32.28	$33.10	$25.07	$70.38	$33.52	$35.18
Crystal River 4&5 2030	Crystal River 4&5	2030	$31.80	$37.66	$33.06	$33.90	$25.67	$71.78	$34.28	$35.99
Crystal River 4&5 2031	Crystal River 4&5	2031	$39.14	$45.12	$40.43	$41.29	$32.88	$79.90	$48.34	$50.09
Crystal River 4&5 2032	Crystal River 4&5	2032	$39.99	$46.10	$41.30	$42.18	$33.60	$81.55	$49.42	$51.20
Crystal River 4&5 2033	Crystal River 4&5	2033	$40.79	$47.03	$42.13	$43.03	$34.27	$83.16	$50.38	$52.20
Crystal River 4&5 2034	Crystal River 4&5	2034	$41.61	$47.97	$42.98	$43.90	$34.95	$84.79	$51.35	$53.21
Crystal River 4&5 2035	Crystal River 4&5	2035	$42.52	$49.02	$43.92	$44.85	$35.72	$86.55	$52.50	$54.40
Crystal River 4&5 2036	Crystal River 4&5	2036	$43.36	$50.00	$44.79	$45.75	$36.42	$88.25	$53.51	$55.45
Crystal River 4&5 2037	Crystal River 4&5	2037	$44.24	$51.01	$45.70	$46.67	$37.15	$89.98	$54.55	$56.53
Crystal River 4&5 2038	Crystal River 4&5	2038	$45.22	$52.14	$46.70	$47.70	$37.97	$91.84	$55.78	$57.80
Crystal River 4&5 2039	Crystal River 4&5	2039	$46.13	$53.20	$47.65	$48.67	$38.73	$93.64	$56.86	$58.93
Crystal River 4&5 2040	Crystal River 4&5	2040	$47.06	$54.28	$48.61	$49.65	$39.50	$95.49	$57.97	$60.08
Crystal River 4&5 2041	Crystal River 4&5	2041	$47.93	$55.25	$49.50	$50.56	$40.25	$97.46	$59.16	$61.30
Crystal River 4&5 2042	Crystal River 4&5	2042	$48.91	$56.40	$50.52	$51.60	$41.07	$99.37	$60.32	$62.50
Crystal River 4&5 2043	Crystal River 4&5	2043	$49.92	$57.57	$51.56	$52.66	$41.90	$101.33	$61.50	$63.74
Crystal River 4&5 2044	Crystal River 4&5	2044	$50.85	$58.63	$52.53	$53.65	$42.71	$103.42	$62.77	$65.04
Crystal River 4&5 2045	Crystal River 4&5	2045	$51.93	$59.88	$53.64	$54.79	$43.61	$105.49	$64.07	$66.39
Crystal River 4&5 2046	Crystal River 4&5	2046	$52.84	$60.91	$54.58	$55.74	$44.39	$107.60	$65.26	$67.62
Crystal River 4&5 2047	Crystal River 4&5	2047	$53.95	$62.20	$55.73	$56.92	$45.32	$109.75	$66.61	$69.01
Crystal River 4&5 2048	Crystal River 4&5	2048	$55.09	$63.52	$56.90	$58.12	$46.27	$111.95	$67.98	$70.44
Crystal River 4&5 2049	Crystal River 4&5	2049	$56.04	$64.60	$57.88	$59.12	$47.08	$114.19	$69.24	$71.73
Crystal River 4&5 2050	Crystal River 4&5	2050	$57.22	$65.97	$59.10	$60.36	$48.07	$116.47	$70.66	$73.21

Rail Assumptions

1) CSX CAPP, NAPP, ILB and Western PRB/RM rates updated based on CSX indicitive bid received 8/2019
2) CSX West Kentucky equals CSX indicitive bid received 8/2019 for Cardinal 9, KY
3) CSX Galatia rate equals CSX indicitive bid received 8/2019 for White Oak
4) CSX Sullivan rate equals average CSX indicitive bid for ILB excluding Cardinal 9, KY received 8/2019
9) CSX UP (RM) equals CSX indicitive bid received 8/2019 including BSNF piece
10) CSX PRB equals CSX indicitive bid received 8/2019 including BSNF piece
11) Delivery of ILB 11,000 6# would typically be out of Central IL. ILB 11,000 6# transportation selection of CSX Sullivan based off of Peabody Bear Run 2017 Fall Term RFP offer. However, Station can not currently do a rail direct move as there is no on-site blending capabilities which would be needed to meet SO2 constraints

Barge Assumptions

12) Barge UP RM to Convent rate is the current UP agreement through 9/18 escalated at 5% (with Fuel Surcharge calculations based on COB 9/12/19 WTI fuel pricing), plus the current rates for the Convent Terminal fees which expired 12/31/18 escalated at 2% and Gulf Barge rates through 12/18 escalating 2% annually starting Jan 2025 through 2050.
13) Delivery of 11,800 4.5# coals would typically be off the Green River. Currently have a contract delivering off the Ohio.
14) ILB 11,000 6# transportation selection of OH River based off of Peabody bids going through Cora Terminal
15) Fixed cross-gulf costs excluded from transportation rates through FOF study period, Fees for one cross-gulf barge added 1/1/25. Second cross-gulf barge added 1/1/31. Variable cost to mid-stream coal from the river to the gulf is included starting 1/1/23 and is based off the current AT rate escalated at 2%. Mirrors current FOF assumptions.

Current FOF Gulf Barge assumptions: Margo Dale terminated 12/31/20, Winna Wilson assumed in-service through 12/31/23

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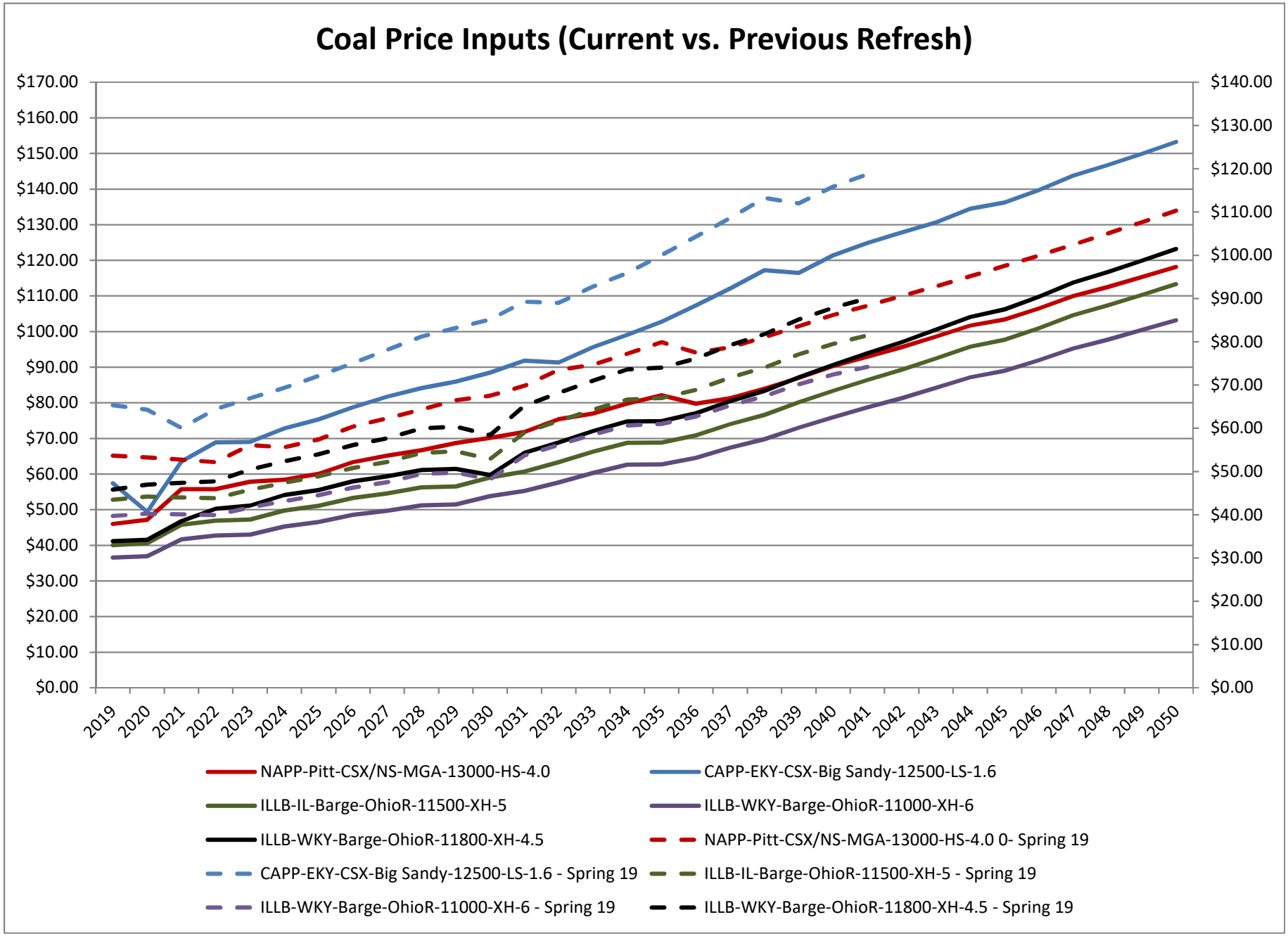

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Florida- Spring 2019 IRP Refresh Update - Coal No Carbon

CERA Fundamental Price Forecast*

Source File: Fuel-Forecast_Spring_2019_IHS_03292019 Source Tab: Coal Spring 2019

From: Andrew James via e-mail on 3/29/2019 at 12:13 p.m

* Internal escalation rate of 2.5% applied starting in 2041 due to escalation rate error in HIS supplied market update (per email from Mike Quinto received 4/25/19)

Updated: 4/29/2019 Tiffany Weir

Basin	Coal Type	FOB Point	Btu/lb	#SO2/MMBtu	%Ash	Avg Hg ppm (dry)	Chlorine % AR	INDEX	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050
								Inflator 2018 = 1.0>>>	1.000	1.020	1.047	1.073	1.095	1.117	1.139	1.161	1.184	1.207	1.231	1.256	1.281	1.307	1.334	1.360	1.388	1.416	1.444	1.473	1.502	1.531	2.500	2.500	2.500	2.500	2.500	2.500	2.500	2.500	2.500
NAPP	Pittsburgh Seam	Rail	13,000	4.0	8.0	0.122	0.10%	NAPP-Pitt-CSX/NS-MGA-13000-HS-4.0- Spring 19	$53.67	$53.25	$52.75	$52.16	$56.11	$55.63	$57.44	$60.38	$62.33	$64.36	$66.48	$67.50	$69.81	$73.47	$74.67	$77.25	$79.90	$77.50	$78.72	$81.11	$83.60	$86.18	$88.34	$90.54	$92.81	$95.13	$97.51	$99.94	$102.44	$105.00	$107.63	$110.32
NAPP	Pittsburgh Seam	Barge	13,000	4.0	8.0	0.122	0.10%	NAPP-Pitt-Barge-MonR-13000-HS-4.0 - Spring 19	$53.67	$53.25	$52.75	$52.16	$56.11	$55.63	$57.44	$60.38	$62.33	$64.36	$66.48	$67.50	$69.81	$73.47	$74.67	$77.25	$79.90	$77.50	$78.72	$81.11	$83.60	$86.18	$88.34	$90.54	$92.81	$95.13	$97.51	$99.94	$102.44	$105.00	$107.63	$110.32
CAPP	Low-Sulfur	Rail	12,500	1.6	10.0	0.110	0.10%	CAPP-EKY-CSX-Big Sandy-12500-LS-1.6 - Spring 19	$65.33	$64.27	$60.06	$64.45	$66.93	$69.35	$72.08	$75.06	$78.13	$81.19	$83.17	$85.13	$89.25	$88.98	$92.77	$95.94	$100.02	$104.28	$108.60	$113.26	$111.99	$115.83	$118.73	$121.69	$124.74	$127.85	$131.05	$134.33	$137.69	$141.13	$144.66	$148.27
CAPP	Low-Sulfur	Barge	12,500	1.6	10.0	0.110	0.10%	CAPP-EKY-Barge-BSR-12000-LS-1.6 - Spring 19	$65.33	$64.27	$60.06	$64.45	$66.93	$69.35	$72.08	$75.06	$78.13	$81.19	$83.17	$85.13	$89.25	$88.98	$92.77	$95.94	$100.02	$104.28	$108.60	$113.26	$111.99	$115.83	$118.73	$121.69	$124.74	$127.85	$131.05	$134.33	$137.69	$141.13	$144.66	$148.27
ILB	Illinois	Rail	11,500	5.0	10.0	0.102	0.30%	ILLB-IL-Rail-South IL-11500-VH-5 - Spring 19	$43.48	$44.19	$44.01	$43.87	$45.79	$47.39	$48.88	$50.82	$52.20	$54.28	$54.68	$52.87	$58.97	$61.71	$64.27	$66.62	$67.00	$68.89	$71.70	$74.01	$77.07	$79.50	$81.49	$83.53	$85.62	$87.76	$89.95	$92.20	$94.51	$96.87	$99.29	$101.77
ILB	Illinois	Barge	11,500	5.0	10.0	0.102	0.15%	ILLB-IL-Barge-OhioR-11500-VH-5 - Spring 19	$43.48	$44.19	$44.01	$43.87	$45.79	$47.39	$48.88	$50.82	$52.20	$54.28	$54.68	$52.87	$58.97	$61.71	$64.27	$66.62	$67.00	$68.89	$71.70	$74.01	$77.07	$79.50	$81.49	$83.53	$85.62	$87.76	$89.95	$92.20	$94.51	$96.87	$99.29	$101.77
ILB	Illinois	Rail	11,500	5.0	10.0	0.102	0.12%	ILLB-IN-Rail-Sullivan-11500-VH-5 - Spring 19	$43.48	$44.19	$44.01	$43.87	$45.79	$47.39	$48.88	$50.82	$52.20	$54.28	$54.68	$52.87	$58.97	$61.71	$64.27	$66.62	$67.00	$68.89	$71.70	$74.01	$77.07	$79.50	$81.49	$83.53	$85.62	$87.76	$89.95	$92.20	$94.51	$96.87	$99.29	$101.77
ILB	Illinois	Barge	11,000	6.0	10.0	0.102	0.10%	ILLB-WKY-Barge-OhioR-11000-XH-6 - Spring 19	$39.73	$40.24	$40.08	$39.95	$41.69	$43.16	$44.51	$46.28	$47.53	$49.43	$49.79	$48.15	$53.70	$56.19	$58.53	$60.66	$61.01	$62.73	$65.29	$67.39	$70.18	$72.40	$74.21	$76.06	$77.97	$79.91	$81.91	$83.96	$86.06	$88.21	$90.42	$92.68
ILB	Illinois	Rail	11,000	6.0	10.0	0.102	0.15%	ILLB-IN-Rail-Sullivan-11000-XH-6 - Spring 19	$39.73	$40.24	$40.08	$39.95	$41.69	$43.16	$44.51	$46.28	$47.53	$49.43	$49.79	$48.15	$53.70	$56.19	$58.53	$60.66	$61.01	$62.73	$65.29	$67.39	$70.18	$72.40	$74.21	$76.06	$77.97	$79.91	$81.91	$83.96	$86.06	$88.21	$90.42	$92.68
ILB	Illinois	Rail	11,000	6.0	10.0	0.102	0.15%	ILLB-IL-Rail-Central IL-11000-XH-6 - Spring 19	$39.73	$40.24	$40.08	$39.95	$41.69	$43.16	$44.51	$46.28	$47.53	$49.43	$49.79	$48.15	$53.70	$56.19	$58.53	$60.66	$61.01	$62.73	$65.29	$67.39	$70.18	$72.40	$74.21	$76.06	$77.97	$79.91	$81.91	$83.96	$86.06	$88.21	$90.42	$92.68
ILB	Illinois	Barge	11,800	4.5	10.0	0.102	0.20%	ILLB-WKY-Barge-Green River-11800-XH-4.5 - Spring 19	$45.83	$46.98	$47.36	$47.77	$50.43	$52.36	$54.00	$56.15	$57.67	$59.97	$60.41	$58.42	$65.15	$68.18	$71.01	$73.60	$74.02	$76.11	$79.22	$81.77	$85.15	$87.84	$90.04	$92.29	$94.59	$96.96	$99.38	$101.87	$104.41	$107.02	$109.70	$112.44
ILB	Illinois	Barge	11,800	4.5	10.0	0.102	0.20%	ILLB-WKY-Barge-OhioR-11800-XH-4.5 - Spring 19	$45.83	$46.98	$47.36	$47.77	$50.43	$52.36	$54.00	$56.15	$57.67	$59.97	$60.41	$58.42	$65.15	$68.18	$71.01	$73.60	$74.02	$76.11	$79.22	$81.77	$85.15	$87.84	$90.04	$92.29	$94.59	$96.96	$99.38	$101.87	$104.41	$107.02	$109.70	$112.44
ILB	Low Chlorine	Barge	11,500	5.2	10.0	0.102	0.08%	ILLB-WKY-Barge-OhioR-11500-VH-5.2-LC-.8 - Spring 19	$45.83	$46.98	$47.36	$47.77	$50.43	$52.36	$54.00	$56.15	$57.67	$59.97	$60.41	$58.42	$65.15	$68.18	$71.01	$73.60	$74.02	$76.11	$79.22	$81.77	$85.15	$87.84	$90.04	$92.29	$94.59	$96.96	$99.38	$101.87	$104.41	$107.02	$109.70	$112.44
ILB	Low Chlorine	Rail	11,500	5.2	10.0	0.102	0.08%	ILLB-WKY-CSX-WKY-11500-VH-5.2-LC-.8 - Spring 19	$45.83	$46.98	$47.36	$47.77	$50.43	$52.36	$54.00	$56.15	$57.67	$59.97	$60.41	$58.42	$65.15	$68.18	$71.01	$73.60	$74.02	$76.11	$79.22	$81.77	$85.15	$87.84	$90.04	$92.29	$94.59	$96.96	$99.38	$101.87	$104.41	$107.02	$109.70	$112.44
PRB	High-Btu Gillette	Rail	8,800	0.8	5.0	0.060	0.01%	PRB-WY-BN/UP-Gillette-8800-CS-0.8 - Spring 19	$12.20	$12.19	$12.25	$13.64	$14.21	$14.58	$15.10	$15.72	$16.36	$17.04	$17.74	$18.49	$19.28	$20.09	$20.95	$21.85	$22.78	$23.27	$24.27	$25.31	$26.40	$27.53	$28.22	$28.93	$29.65	$30.39	$31.15	$31.93	$32.73	$33.55	$34.38	$35.24
RM	Rockies	Rail	11,700	0.8	8.0	0.040	0.02%	Rockies-CO-UP-North Fork-11700-CS-.8 - Spring 19	$33.38	$33.64	$35.71	$36.10	$38.56	$40.08	$41.66	$41.49	$43.09	$44.76	$46.52	$47.52	$49.43	$51.42	$50.25	$52.05	$54.14	$56.33	$54.14	$56.34	$58.64	$61.04	$62.56	$64.13	$65.73	$67.37	$69.06	$70.79	$72.56	$74.37	$76.23	$78.13
RM	Rockies	Barge	11,700	0.8	8.0	0.040	0.02%	Rockies-CO-UP-North Fork-11700-CS-.8 - Spring 19	$33.38	$33.64	$35.71	$36.10	$38.56	$40.08	$41.66	$41.49	$43.09	$44.76	$46.52	$47.52	$49.43	$51.42	$50.25	$52.05	$54.14	$56.33	$54.14	$56.34	$58.64	$61.04	$62.56	$64.13	$65.73	$67.37	$69.06	$70.79	$72.56	$74.37	$76.23	$78.13

Price Forecast Received from Andrew James via e-mail on 3/29/19 at 12:13 p.m. (Nominal $/ton) **

Reviewed transportation delivery locations with Shawn Shultz, Manager Coal Transportation

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Florida- 2019 IRP Fall Refresh Update - Coal - Version History

File Preparer:	Michael Quinto
Date Prepared:	10/7/2019
Concurring Manager:	Brett Phipps
Date Approved:	
Updates to File:	Coal Fundamental Prices
	Rail Rates
	Barge Rates
	Assumptions

Florida- Fall 2019 IRP Refresh Update - Coal

No Carbon

********** Key Assumptions - PLEASE READ **********

1. Using the following CERA fundamental price forecast in Nominal dollars (see the "Coal Price Inputs" sheet):

   Source File: Base, Low High Commodity Coal Curves_FL

   Source Tab: Fundamentals - Ratio Method

   From: Michael Quinto

2. Vendors for the fundemental price curves changed in 2017 from EVA to CERA. With this change there was a reduction in the number of coal prices forecasts provided for each region. However, where transportation rates provided alternative delivery methods for the same coal price forecast a delivered price was calculated.
3. This is an evaluation of the delivered cost per mmbtu only (coal price plus transportation cost). See the "Master" sheet for the overall summary of the lowest cost alternatives by station by year (including cost and quality). Additional cost adjustments for scrubber costs, O&M, etc. could be added upon request.
4. The delivered cost per mmbtu was calculated for all coal alternatives that can be transported to each station (see the sheets for each station). The coal alternative with the lowest delivered cost was then able to be identified and chosen for each year. This format allows the reviewer to see the delivered costs for all alternatives, regardless of whether or not they were not chosen (enables quick review of cost deltas for the next lowest cost alternatives). Where the station cannot burn the single lowest cost alternative at 100%, the lowest cost blend was determined.
5. This update incorporates unit capability constraints (Min BTU, Max SO2, Max Ash, Max Chlorine, and Max Mercury) and current capacity for on-site blending as we know them today.
6. Does not include any other adders for sulfur removal costs, O&M impacts or anything else. However, please note these additional cost impacts can be incorporated into the analysis upon request.
7. The CSX rail transportation rates assume the current proposed rates based off of Aug. 2019 CSX rate proposal (with Fuel Surcharge calculations based on COB 9/12/2019 WTI fuel pricing and AII-LF based on the actual index numbers through Q3 2019). The rates are escalated at 2.0% annually for 2020 through 2050.
8. For additional rail and barge assumptions see tab " Transportation Rate assumptions".
9. Crystal River Units 1&2 retirement occurred 12/31/18

10 This IRP is for planning purposes only. Using fundamental pricing for coal and market estimates for transportation rates. This evaluation does not include the modeling of the existing contractual commitments for coal, transportation and trans-loading.

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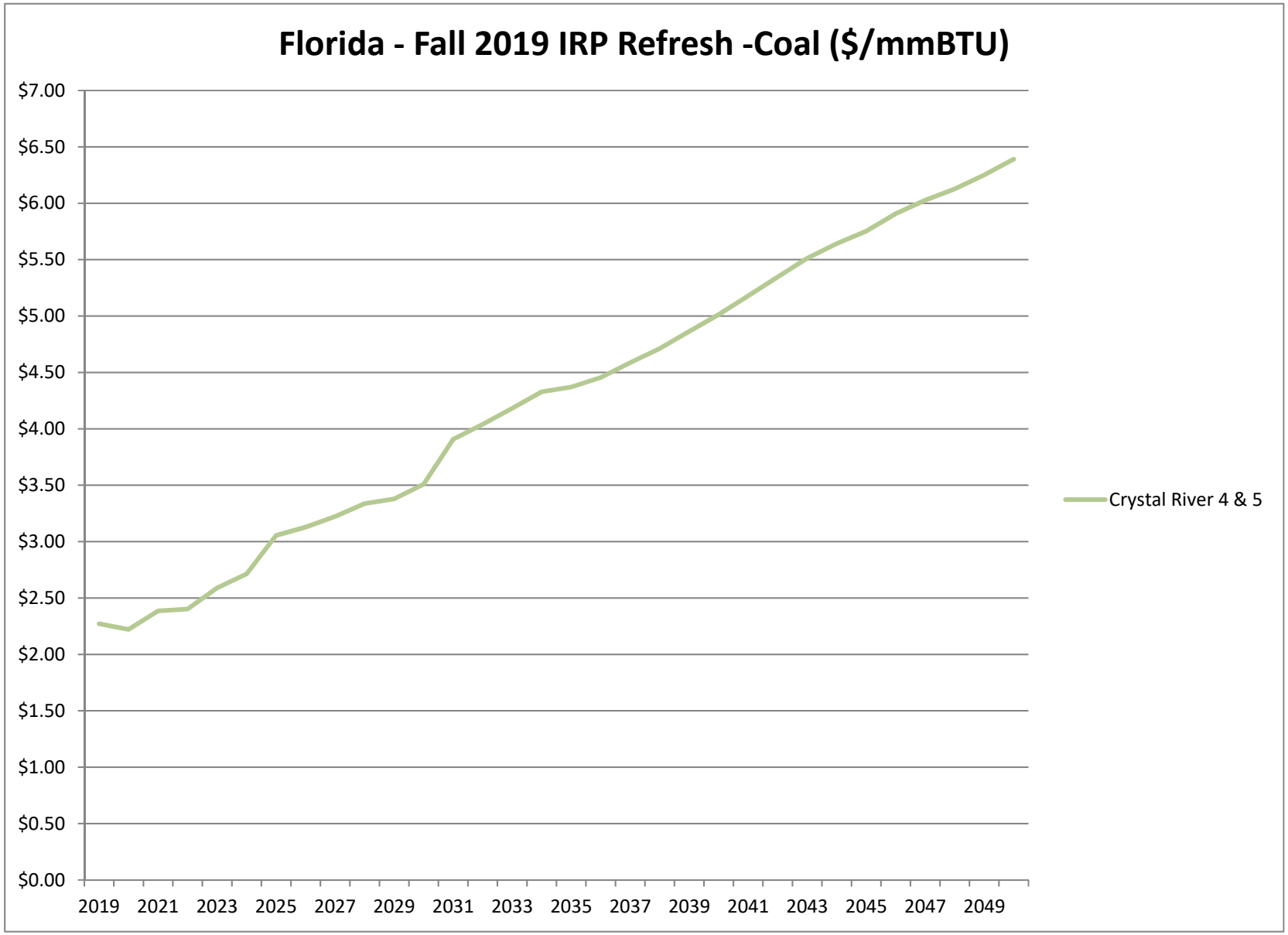

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Florida- Fall 2019 IRP Refresh Update - Coal **No Carbon** **Low Commodity Price**

** Indicates unit capability constraints prevented selection of 100% of the lowest cost alternative

DELIVERED COST ($/MMBTU)

Station	Lowest Cost Alternatives	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050
Crystal River 4 & 5	A 50%/50% blend of IL-OH Rvr 11,500 5# & IL-OH Rvr 11,000 6# 2019-2030, and a 30%/60%/10% blend of IL-OH Rvr 11,500 5#, IL-OH Rvr 11,000 6#, & NAPP Rail 113,0004# coal 2031-2050**	$2.27	$2.22	$2.39	$2.40	$2.59	$2.71	$3.06	$3.13	$3.22	$3.34	$3.38	$3.51	$3.91	$4.04	$4.18	$4.33	$4.37	$4.45	$4.59	$4.71	$4.86	$5.01	$5.18	$5.35	$5.51	$5.64	$5.75	$5.91	$6.03	$6.13	$6.25	$6.39

BTU	Minimum BTU Limit	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050
Crystal River 4 & 5	10,700	11,250	11,250	11,250	11,250	11,250	11,250	11,250	11,250	11,250	11,250	11,250	11,250	11,350	11,350	11,350	11,350	11,350	11,350	11,350	11,350	11,350	11,350	11,350	11,350	11,350	11,350	11,350	11,350	11,350	11,350	11,350

SO2 (#/mmbtu)	Max SO2 Limit	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050
Crystal River 4 & 5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5

ASH	Max Ash Limit	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050
Crystal River 4 & 5	13%	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8

MERCURY (Hg) - ppm dry	Max Mercury (Hg) Limit	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050
Crystal River 4 & 5	NA	0.102	0.102	0.102	0.102	0.102	0.102	0.102	0.102	0.102	0.102	0.102	0.102	0.104	0.104	0.104	0.104	0.104	0.104	0.104	0.104	0.104	0.104	0.104	0.104	0.104	0.104	0.104	0.104	0.104	0.104	0.104	0.104

CHLORINE % AR	Max Chlorine Limit - ppm	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050
Crystal River 4 & 5	0.25%	0.13%	0.13%	0.13%	0.13%	0.13%	0.13%	0.13%	0.13%	0.13%	0.13%	0.13%	0.13%	0.12%	0.12%	0.12%	0.12%	0.12%	0.12%	0.12%	0.12%	0.12%	0.12%	0.12%	0.12%	0.12%	0.12%	0.12%	0.12%	0.12%	0.12%	0.12%	0.12%

										esc@2.5%																								
Market - COB 10/16/2019																																		
CRN		$2.03	$2.12	$2.18	$2.26	$2.43	$2.50	$2.56	$2.56	$2.63	$2.69																							
Blend																																		
Market		100%	100%	100%	100%	100%	89%	69%	49%	29%	9%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Fundamentals		0%	0%	0%	0%	0%	11%	31%	51%	71%	91%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Final Forecast																																		
CRN		$2.03	$2.12	$2.18	$2.26	$2.43	$2.52	$2.71	$2.85	$3.05	$3.28	$3.38	$3.51	$3.91	$4.04	$4.18	$4.33	$4.37	$4.45	$4.59	$4.71	$4.86	$5.01	$5.18	$5.35	$5.51	$5.64	$5.75	$5.91	$6.03	$6.13	$6.25	$6.39

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Florida- Fall 2019 IRP Refresh Update - Coal No Carbon

LOWEST COST ALTERNATIVE (Delivered $/mmbtu)

		Limits:	Min BTU	Max SO2	Max Ash	Max Cl		2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041
							Cost ($/mmbtu):	$2.27	$2.22	$2.39	$2.40	$2.59	$2.71	$3.06	$3.13	$3.22	$3.34	$3.38	$3.51	$3.91	$4.04	$4.18	$4.33	$4.37	$4.45	$4.59	$4.71	$4.86	$5.01	$5.18
Crystal River 4 & 5	A 50%/50% blend of IL-OH Rvr 11,500 5# & IL-OH Rvr 11,000 6# 2019-2030, and a 30%/60%/10% blend of IL-OH Rvr 11,500 5#, IL-OH Rvr 11,000 6#, & NAPP Rail 113,000# coal 2031-2050**		10,700	5.5	13.0%	0.25%	BTU/lb:	11,250	11,250	11,250	11,250	11,250	11,250	11,250	11,250	11,250	11,250	11,250	11,250	11,350	11,350	11,350	11,350	11,350	11,350	11,350	11,350	11,350	11,350	11,350
							SO2 (#/mmbtu):	5.49	5.49	5.49	5.49	5.49	5.49	5.49	5.49	5.49	5.49	5.49	5.49	5.47	5.47	5.47	5.47	5.47	5.47	5.47	5.47	5.47	5.47	5.47
							Ash (%):	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8
							Hg (ppm - dry):	0.102	0.102	0.102	0.102	0.102	0.102	0.102	0.102	0.102	0.102	0.102	0.102	0.104	0.104	0.104	0.104	0.104	0.104	0.104	0.104	0.104	0.104	0.104
							Chlorine %AR	0.13%	0.13%	0.13%	0.13%	0.13%	0.13%	0.13%	0.13%	0.13%	0.13%	0.13%	0.13%	0.12%	0.12%	0.12%	0.12%	0.12%	0.12%	0.12%	0.12%	0.12%	0.12%	0.12%
							Delta to Single Lowest Cost Alternative:	$0.03	$0.03	$0.03	$0.03	$0.03	$0.03	$0.03	$0.03	$0.03	$0.03	$0.03	$0.12	$0.25	$0.26	$0.26	$0.27	$0.28	$0.27	$0.27	$0.28	$0.28	$0.29	$0.29

SELECTED PERCENTAGES

Station	Basin	Coal Type	FOB Point	Btu/lb	#SO2/MMBtu	%Ash	Hg (ppm - dry)	Chlorine % AR	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041
Crystal River 4&5	NAPP	Pittsburgh Seam	Rail	13,000	4	8	0.122	0.10%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	10%	10%	10%	10%	10%	10%	10%	10%	10%	10%	10%
Crystal River 4&5	NAPP	Pittsburgh Seam	Barge	13,000	4	8	0.122	0.10%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Crystal River 4&5	CAPP	Low-Sulfur	Rail	12,500	1.6	10	0.110	0.10%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Crystal River 4&5	CAPP	Low-Sulfur	Barge	12,500	1.67	10	0.110	0.10%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Crystal River 4&5	ILB	Illinois	Rail	11,500	5	10	0.102	0.30%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Crystal River 4&5	ILB	Illinois	Barge	11,500	5	10	0.102	0.15%	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%	30%	30%	30%	30%	30%	30%	30%	30%	30%	30%	30%
Crystal River 4&5	ILB	Illinois	Rail	11,500	5	10	0.102	0.12%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Crystal River 4&5	ILB	Illinois	Barge	11,000	6	10	0.102	0.10%	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%	60%	60%	60%	60%	60%	60%	60%	60%	60%	60%	60%
Crystal River 4&5	ILB	Illinois	Rail	11,000	6	10	0.102	0.15%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Crystal River 4&5	ILB	Illinois	Barge	11,800	4.5	10	0.102	0.20%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Crystal River 4&5	ILB	Illinois	Barge	11,800	4.5	10	0.102	0.20%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Crystal River 4&5	ILB	Low Chlorine	Barge	11,500	5.2	10	0.102	0.08%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Crystal River 4&5	ILB	Low Chlorine	Rail	11,500	5.2	10	0.102	0.08%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Crystal River 4&5	PRB	High-Btu Gillette	Rail	8,800	0.8	5	0.060	0.01%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Crystal River 4&5	RM	Rockies	Rail	11,700	0.8	8	0.040	0.02%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Crystal River 4&5	RM	Rockies	Barge	11,700	0.8	8	0.040	0.02%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
									100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%

DELIVERED COST ($/MMBTU)

Single Lowest Cost Alternative:

Station	Basin	Coal Type	FOB Point	Btu/lb	#SO2/MMBtu	%Ash	Hg (ppm - dry)	Chlorine % AR	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041
Crystal River 4&5	NAPP	Pittsburgh Seam	Rail	13,000	4	8	0.122	0.10%	$2.84	$2.80	$3.09	$3.07	$3.23	$3.29	$3.39	$3.51	$3.61	$3.71	$3.81	$3.89	$3.99	$4.14	$4.23	$4.38	$4.49	$4.42	$4.49	$4.60	$4.72	$4.87	$5.01
Crystal River 4&5	NAPP	Pittsburgh Seam	Barge	13,000	4	8	0.122	0.10%	$2.63	$2.60	$2.87	$2.84	$3.09	$3.14	$3.46	$3.57	$3.68	$3.80	$3.91	$4.00	$4.36	$4.52	$4.61	$4.77	$4.89	$4.83	$4.91	$5.03	$5.16	$5.32	$5.46
Crystal River 4&5	CAPP	Low-Sulfur	Rail	12,500	1.6	10	0.110	0.10%	$3.26	$2.86	$3.35	$3.52	$3.62	$3.80	$3.94	$4.05	$4.19	$4.34	$4.44	$4.56	$4.73	$4.72	$4.91	$5.09	$5.25	$5.43	$5.62	$5.82	$5.79	$5.99	$6.17
Crystal River 4&5	CAPP	Low-Sulfur	Barge	12,500	1.67	10	0.110	0.10%	$3.00	$2.60	$3.08	$3.24	$3.43	$3.60	$3.97	$4.07	$4.23	$4.38	$4.49	$4.62	$5.05	$5.06	$5.26	$5.44	$5.61	$5.80	$5.99	$6.21	$6.19	$6.40	$6.58
Crystal River 4&5	ILB	Illinois	Rail	11,500	5	10	0.102	0.30%	$2.74	$2.68	$2.87	$2.90	$2.99	$3.13	$3.23	$3.31	$3.40	$3.51	$3.55	$3.51	$3.78	$3.91	$4.06	$4.20	$4.23	$4.33	$4.47	$4.59	$4.74	$4.89	$5.06
Crystal River 4&5	ILB	Illinois	Barge	11,500	5	10	0.102	0.15%	$2.30	$2.25	$2.42	$2.43	$2.62	$2.75	$3.08	$3.16	$3.25	$3.37	$3.41	$3.54	$3.93	$4.07	$4.22	$4.37	$4.40	$4.50	$4.65	$4.77	$4.93	$5.09	$5.26
Crystal River 4&5	ILB	Illinois	Rail	11,500	5	10	0.102	0.12%	$2.63	$2.64	$2.82	$2.85	$2.94	$3.08	$3.17	$3.26	$3.34	$3.45	$3.49	$3.45	$3.72	$3.85	$3.99	$4.14	$4.16	$4.26	$4.40	$4.52	$4.67	$4.82	$4.99
Crystal River 4&5	ILB	Illinois	Barge	11,000	6	10	0.102	0.10%	$2.25	$2.19	$2.35	$2.37	$2.56	$2.68	$3.03	$3.10	$3.19	$3.31	$3.35	$3.48	$3.88	$4.01	$4.16	$4.30	$4.34	$4.44	$4.57	$4.70	$4.85	$5.00	$5.17
Crystal River 4&5	ILB	Illinois	Rail	11,000	6	10	0.102	0.15%	$2.59	$2.60	$2.78	$2.81	$2.90	$3.03	$3.12	$3.20	$3.28	$3.39	$3.43	$3.39	$3.65	$3.78	$3.92	$4.06	$4.09	$4.18	$4.32	$4.43	$4.58	$4.72	$4.89
Crystal River 4&5	ILB	Illinois	Barge	11,800	4.5	10	0.102	0.20%	$2.29	$2.23	$2.40	$2.50	$2.71	$2.85	$3.18	$3.26	$3.36	$3.48	$3.52	$3.48	$4.05	$4.19	$4.34	$4.50	$4.53	$4.64	$4.79	$4.92	$5.08	$5.24	$5.42
Crystal River 4&5	ILB	Illinois	Barge	11,800	4.5	10	0.102	0.20%	$2.61	$2.56	$2.70	$2.79	$3.00	$3.15	$3.49	$3.57	$3.68	$3.81	$3.86	$3.83	$4.40	$4.55	$4.71	$4.88	$4.92	$5.03	$5.19	$5.33	$5.50	$5.67	$5.86
Crystal River 4&5	ILB	Low Chlorine	Barge	11,500	5.2	10	0.102	0.08%	$2.38	$2.35	$2.53	$2.64	$2.86	$3.00	$3.35	$3.43	$3.53	$3.66	$3.70	$3.66	$4.25	$4.40	$4.56	$4.73	$4.76	$4.87	$5.03	$5.17	$5.34	$5.51	$5.70
Crystal River 4&5	ILB	Low Chlorine	Rail	11,500	5.2	10	0.102	0.08%	$2.59	$2.57	$2.76	$2.88	$3.00	$3.15	$3.24	$3.33	$3.42	$3.53	$3.57	$3.52	$3.82	$3.95	$4.11	$4.27	$4.29	$4.39	$4.54	$4.66	$4.83	$4.98	$5.16
Crystal River 4&5	PRB	High-Btu Gillette	Rail	8,800	0.8	5	0.060	0.01%	$3.08	$3.09	$3.16	$3.26	$3.34	$3.44	$3.53	$3.62	$3.71	$3.81	$3.90	$4.01	$4.10	$4.20	$4.31	$4.43	$4.54	$4.63	$4.74	$4.87	$4.99	$5.13	$5.26
Crystal River 4&5	RM	Rockies	Rail	11,700	0.8	8	0.040	0.02%	$3.91	$3.96	$4.10	$4.16	$4.32	$4.48	$4.62	$4.66	$4.79	$4.92	$5.05	$5.17	$5.30	$5.44	$5.47	$5.62	$5.77	$5.92	$5.90	$6.06	$6.22	$6.41	$6.56

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Florida- Fall 2019 IRP Refresh Update - Coal No Carbon

Duke Internal Low Commodity Fundamental Price Forecast*

Source File: Base, Low High Commodity Coal Curves_FL Source Tab: Fundamentals - Ratio Method

From: Michael Quinto

* Internal escalation rate of 2.5% applied starting in 2041 due to escalation rate error in HIS supplied market update (per email from Mike Quinto received 4/25/19)

Updated: 11/6/2019 Michael Quinto

Basin	Coal Type	FOB Point	Btu/lb	#SO2/MMBtu	%Ash	Avg Hg ppm (dry)	Chlorine % AR	INDEX	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050
								Inflator 2018 = 1.0>>>	1.000	1.020	1.047	1.073	1.095	1.117	1.139	1.161	1.184	1.207	1.231	1.256	1.281	1.307	1.334	1.360	1.388	1.416	1.444	1.473	1.502	1.531	2.500	2.500	2.500	2.500	2.500	2.500	2.500	2.500	2.500	2.500
NAPP	Pittsburgh Seam	Rail	13,000	4.0	8.0	0.122	0.10%	NAPP-Pitt-CSX/NS-MGA-13000-HS-4.0	$46.00	$44.99	$51.78	$50.65	$54.13	$54.83	$56.69	$58.95	$60.85	$62.85	$64.87	$66.28	$68.20	$71.39	$72.92	$75.98	$78.14	$75.57	$76.54	$78.71	$81.04	$83.96	$86.77	$89.81	$92.70	$94.77	$96.19	$98.93	$100.59	$101.79	$103.71	$105.87
NAPP	Pittsburgh Seam	Barge	13,000	4.0	8.0	0.122	0.10%	NAPP-Pitt-Barge-MonR-13000-HS-4.0	$46.00	$44.99	$51.78	$50.65	$54.13	$54.83	$56.69	$58.95	$60.85	$62.85	$64.87	$66.28	$68.20	$71.39	$72.92	$75.98	$78.14	$75.57	$76.54	$78.71	$81.04	$83.96	$86.77	$89.81	$92.70	$94.77	$96.19	$98.93	$100.59	$101.79	$103.71	$105.87
CAPP	Low-Sulfur	Rail	12,500	1.6	10.0	0.110	0.10%	CAPP-EKY-CSX-Big Sandy-12500-LS-1.6	$57.39	$47.16	$58.96	$62.59	$64.56	$68.36	$71.15	$73.29	$76.28	$79.29	$81.15	$83.59	$87.20	$86.45	$90.60	$94.36	$97.81	$101.69	$105.59	$109.91	$108.56	$112.85	$116.60	$120.04	$122.82	$125.27	$126.74	$129.82	$131.52	$132.73	$134.87	$137.32
CAPP	Low-Sulfur	Barge	12,500	1.6	10.0	0.110	0.10%	CAPP-EKY-Barge-BSR-12000-LS-1.6	$57.39	$47.16	$58.96	$62.59	$64.56	$68.36	$71.15	$73.29	$76.28	$79.29	$81.15	$83.59	$87.20	$86.45	$90.60	$94.36	$97.81	$101.69	$105.59	$109.91	$108.56	$112.85	$116.60	$120.04	$122.82	$125.27	$126.74	$129.82	$131.52	$132.73	$134.87	$137.32
ILB	Illinois	Rail	11,500	5.0	10.0	0.102	0.30%	ILLB-IL-Rail-South IL-11500-VH-5	$40.03	$38.74	$42.49	$42.60	$44.17	$46.71	$48.24	$49.62	$50.96	$53.01	$53.35	$51.91	$57.61	$59.96	$62.76	$65.52	$65.52	$67.18	$69.72	$71.82	$74.71	$77.46	$80.66	$83.84	$86.94	$89.20	$90.91	$93.81	$95.70	$97.12	$99.22	$101.55
ILB	Illinois	Barge	11,500	5.0	10.0	0.102	0.15%	ILLB-IL-Barge-OhioR-11500-VH-5	$40.03	$38.74	$42.49	$42.60	$44.17	$46.71	$48.24	$49.62	$50.96	$53.01	$53.35	$55.79	$57.61	$59.96	$62.76	$65.52	$65.52	$67.18	$69.72	$71.82	$74.71	$77.46	$80.66	$83.84	$86.94	$89.20	$90.91	$93.81	$95.70	$97.12	$99.22	$101.55
ILB	Illinois	Rail	11,500	5.0	10.0	0.102	0.12%	ILLB-IN-Rail-Sullivan-11500-VH-5	$40.03	$38.74	$42.49	$42.60	$44.17	$46.71	$48.24	$49.62	$50.96	$53.01	$53.35	$51.91	$57.61	$59.96	$62.76	$65.52	$65.52	$67.18	$69.72	$71.82	$74.71	$77.46	$80.66	$83.84	$86.94	$89.20	$90.91	$93.81	$95.70	$97.12	$99.22	$101.55
ILB	Illinois	Barge	11,000	6.0	10.0	0.102	0.10%	ILLB-WKY-Barge-OhioR-11000-XH-6	$36.58	$35.28	$38.69	$38.79	$40.22	$42.54	$43.93	$45.19	$46.40	$48.27	$48.58	$50.81	$52.46	$54.60	$57.15	$59.67	$59.66	$61.17	$63.48	$65.40	$68.03	$70.54	$73.45	$76.34	$79.17	$81.22	$82.79	$85.43	$87.14	$88.44	$90.35	$92.47
ILB	Illinois	Rail	11,000	6.0	10.0	0.102	0.15%	ILLB-IN-Rail-Sullivan-11000-XH-6	$36.58	$35.28	$38.69	$38.79	$40.22	$42.54	$43.93	$45.19	$46.40	$48.27	$48.58	$47.27	$52.46	$54.60	$57.15	$59.67	$59.66	$61.17	$63.48	$65.40	$68.03	$70.54	$73.45	$76.34	$79.17	$81.22	$82.79	$85.43	$87.14	$88.44	$90.35	$92.47
ILB	Illinois	Rail	11,000	6.0	10.0	0.102	0.15%	ILLB-IL-Rail-Central IL-11000-XH-6	$36.58	$35.28	$38.69	$38.79	$40.22	$42.54	$43.93	$45.19	$46.40	$48.27	$48.58	$47.27	$52.46	$54.60	$57.15	$59.67	$59.66	$61.17	$63.48	$65.40	$68.03	$70.54	$73.45	$76.34	$79.17	$81.22	$82.79	$85.43	$87.14	$88.44	$90.35	$92.47
ILB	Illinois	Barge	11,800	4.5	10.0	0.102	0.20%	ILLB-WKY-Barge-Green River-11800-XH-4.5	$41.15	$39.68	$43.43	$45.65	$47.87	$50.79	$52.45	$53.95	$55.40	$57.63	$58.00	$56.44	$62.63	$65.18	$68.23	$71.24	$71.23	$73.03	$75.79	$78.08	$81.22	$84.21	$87.70	$91.15	$94.52	$96.97	$98.84	$101.99	$104.04	$105.58	$107.87	$110.40
ILB	Illinois	Barge	11,800	4.5	10.0	0.102	0.20%	ILLB-WKY-Barge-OhioR-11800-XH-4.5	$41.15	$39.68	$43.43	$45.65	$47.87	$50.79	$52.45	$53.95	$55.40	$57.63	$58.00	$56.44	$62.63	$65.18	$68.23	$71.24	$71.23	$73.03	$75.79	$78.08	$81.22	$84.21	$87.70	$91.15	$94.52	$96.97	$98.84	$101.99	$104.04	$105.58	$107.87	$110.40
ILB	Low Chlorine	Barge	11,500	5.2	10.0	0.102	0.08%	ILLB-WKY-Barge-OhioR-11500-VH-5.2-LC-.8	$41.86	$41.13	$45.01	$47.32	$49.62	$52.64	$54.36	$55.92	$57.42	$59.74	$60.12	$58.50	$64.92	$67.56	$70.73	$73.84	$73.83	$75.70	$78.56	$80.93	$84.19	$87.29	$90.90	$94.48	$97.98	$100.51	$102.45	$105.71	$107.84	$109.44	$111.81	$114.43
ILB	Low Chlorine	Rail	11,500	5.2	10.0	0.102	0.08%	ILLB-WKY-CSX-WKY-11500-VH-5.2-LC-.8	$41.86	$41.13	$45.01	$47.32	$49.62	$52.64	$54.36	$55.92	$57.42	$59.74	$60.12	$58.50	$64.92	$67.56	$70.73	$73.84	$73.83	$75.70	$78.56	$80.93	$84.19	$87.29	$90.90	$94.48	$97.98	$100.51	$102.45	$105.71	$107.84	$109.44	$111.81	$114.43
PRB	High-Btu Gillette	Rail	8,800	0.8	5.0	0.060	0.01%	PRB-WY-BN/UP-Gillette-8800-CS-0.8	$12.21	$12.10	$12.29	$12.90	$13.27	$13.88	$14.39	$14.83	$15.44	$16.08	$16.72	$17.53	$18.17	$18.82	$19.71	$20.68	$21.42	$21.81	$22.66	$23.56	$24.52	$25.67	$26.77	$27.91	$29.06	$29.98	$30.76	$31.98	$32.90	$33.70	$34.78	$35.99
RM	Rockies	Rail	11,700	0.8	8.0	0.040	0.02%	Rockies-CO-UP-North Fork-11700-CS-.8	$32.54	$33.27	$35.05	$35.05	$37.20	$39.51	$41.12	$40.51	$42.07	$43.71	$45.38	$46.66	$48.30	$49.96	$49.07	$51.19	$52.95	$54.93	$52.64	$54.67	$56.84	$59.47	$61.14	$63.60	$65.90	$67.56	$68.67	$70.81	$72.16	$73.15	$74.65	$76.33
RM	Rockies	Barge	11,700	0.8	8.0	0.040	0.02%	Rockies-CO-UP-North Fork-11700-CS-.8	$32.54	$33.27	$35.05	$35.05	$37.20	$39.51	$41.12	$40.51	$42.07	$43.71	$45.38	$46.66	$48.30	$49.96	$49.07	$51.19	$52.95	$54.93	$52.64	$54.67	$56.84	$59.47	$61.14	$63.60	$65.90	$67.56	$68.67	$70.81	$72.16	$73.15	$74.65	$76.33

Price Forecast Received from Andrew James via e-mail on 9/17/19 (Nominal $/ton) **

Reviewed transportation delivery locations with Shawn Shultz, Manager Coal Transportation 10/2018

With ILB Curve Updates from NEW ILB file received 10/4

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CSX Rate Master Updated: 10/2/2019 tw **Post 2026 escalation:** 2.0% **Source:** \\cltpsmf02\fuelpur\PLANNING\IRP Refresh Files\2019 Fall IRP Refresh\Supporting Files\DEF Florida CSX Conventional Rail Rate Scenario_100219.xlsm

			CAPP					NAPP				ILB						Energy, CO	ConJunction, WY						
Key	Station	Year	Typo, KY	Resource, KY	Phillips, WV	Bull Creek 2, WV	Hutchinson, WV	Harrison Co, WV	Bailey Mine, PA	Marion Co, WV	Monongalia Co, WV	Evansville, IN	White Oak, IL	Oaktown,IN	Carlisle, IN	BearRun,IN	Cardinal 9, KY	CSX UP	CSX PRB	CSX CAPP Basin	CSX NAPP Basin	CSX ILB Basin	CSX CN Galatia	CSX Sullivan	CSX Western KY
Crystal River 4&5 2019	Crystal River 4&5	**2019**	$23.51	$20.13	$27.82	$24.57	$25.13	$28.51	$29.55	$26.09	$27.50	$21.29	$23.01	$21.31	$20.96	$22.83	$17.78	$58.88	$41.98	$24.23	$27.91	$21.20	$23.01	$20.40	$17.78
Crystal River 4&5 2020	Crystal River 4&5	2020	$23.51	$20.13	$27.82	$24.57	$25.13	$28.51	$29.55	$26.09	$27.50	$21.29	$23.01	$21.31	$20.96	$22.83	$17.94	$59.41	$42.36	$24.23	$27.91	$21.23	$23.01	$21.88	$17.94
Crystal River 4&5 2021	Crystal River 4&5	2021	$24.11	$20.65	$28.57	$25.21	$25.78	$29.24	$30.32	$26.75	$28.20	$21.84	$23.60	$21.84	$21.48	$23.39	$18.38	$60.85	$43.39	$24.86	$28.63	$21.75	$23.60	$22.43	$18.38
Crystal River 4&5 2022	Crystal River 4&5	2022	$24.62	$21.08	$29.10	$25.73	$26.31	$29.86	$30.93	$27.34	$28.81	$22.30	$24.10	$22.34	$21.99	$23.95	$18.82	$62.32	$44.44	$25.37	$29.23	$22.25	$24.10	$22.94	$18.82
Crystal River 4&5 2023	Crystal River 4&5	2023	$25.23	$21.60	$29.84	$26.37	$26.97	$30.60	$31.71	$28.01	$29.52	$22.86	$24.70	$22.89	$22.52	$24.53	$19.28	$63.83	$45.51	$26.00	$29.96	$22.80	$24.70	$23.50	$19.28
Crystal River 4&5 2024	Crystal River 4&5	2024	$25.88	$22.16	$30.64	$27.06	$27.67	$31.39	$32.54	$28.72	$30.27	$23.45	$25.33	$23.46	$23.07	$25.13	$19.74	$65.38	$46.61	$26.68	$30.73	$23.36	$25.33	$24.09	$19.74
Crystal River 4&5 2025	Crystal River 4&5	2025	$26.52	$22.71	$31.41	$27.73	$28.35	$32.16	$33.35	$29.43	$31.02	$24.03	$25.96	$24.03	$23.63	$25.74	$20.22	$66.96	$47.74	$27.35	$31.49	$23.93	$25.96	$24.68	$20.22
Crystal River 4&5 2026	Crystal River 4&5	2026	$27.19	$23.28	$32.20	$28.42	$29.06	$32.97	$34.19	$30.16	$31.80	$24.63	$26.61	$24.63	$24.23	$26.38	$20.73	$68.64	$48.94	$28.03	$32.28	$24.53	$26.61	$25.29	$20.73
Crystal River 4&5 2027	Crystal River 4&5	2027	$27.73	$23.75	$32.84	$28.99	$29.64	$33.63	$34.87	$30.76	$32.43	$25.12	$27.14	$25.12	$24.71	$26.91	$21.14	$70.01	$49.92	$28.59	$32.92	$25.02	$27.14	$25.80	$21.14
Crystal River 4&5 2028	Crystal River 4&5	2028	$28.28	$24.22	$33.50	$29.57	$30.24	$34.30	$35.57	$31.38	$33.08	$25.62	$27.68	$25.63	$25.20	$27.45	$21.56	$71.41	$50.91	$29.16	$33.58	$25.52	$27.68	$26.32	$21.56
Crystal River 4&5 2029	Crystal River 4&5	2029	$28.85	$24.71	$34.17	$30.16	$30.84	$34.99	$36.28	$32.01	$33.74	$26.13	$28.24	$26.14	$25.71	$27.99	$21.99	$72.84	$51.93	$29.75	$34.25	$26.03	$28.24	$26.84	$21.99
Crystal River 4&5 2030	Crystal River 4&5	2030	$29.43	$25.20	$34.85	$30.76	$31.46	$35.69	$37.00	$32.65	$34.42	$26.66	$28.80	$26.66	$26.22	$28.55	$22.43	$74.29	$52.97	$30.34	$34.94	$26.56	$28.80	$27.38	$22.43
Crystal River 4&5 2031	Crystal River 4&5	2031	$30.02	$25.70	$35.55	$31.38	$32.09	$36.40	$37.74	$33.30	$35.10	$27.19	$29.38	$27.20	$26.75	$29.13	$22.88	$75.78	$54.03	$30.95	$35.64	$27.09	$29.38	$27.93	$22.88
Crystal River 4&5 2032	Crystal River 4&5	2032	$30.62	$26.22	$36.26	$32.01	$32.73	$37.13	$38.50	$33.97	$35.81	$27.73	$29.96	$27.74	$27.28	$29.71	$23.34	$77.30	$55.11	$31.57	$36.35	$27.63	$29.96	$28.49	$23.34
Crystal River 4&5 2033	Crystal River 4&5	2033	$31.23	$26.74	$36.99	$32.65	$33.38	$37.87	$39.27	$34.65	$36.52	$28.29	$30.56	$28.29	$27.83	$30.30	$23.81	$78.84	$56.21	$32.20	$37.08	$28.18	$30.56	$29.06	$23.81
Crystal River 4&5 2034	Crystal River 4&5	2034	$31.85	$27.28	$37.73	$33.30	$34.05	$38.63	$40.05	$35.34	$37.25	$28.85	$31.18	$28.86	$28.38	$30.91	$24.28	$80.42	$57.34	$32.84	$37.82	$28.74	$31.18	$29.64	$24.28
Crystal River 4&5 2035	Crystal River 4&5	2035	$32.49	$27.82	$38.48	$33.97	$34.73	$39.40	$40.86	$36.05	$38.00	$29.43	$31.80	$29.44	$28.95	$31.53	$24.77	$82.03	$58.48	$33.50	$38.57	$29.32	$31.80	$30.23	$24.77
Crystal River 4&5 2036	Crystal River 4&5	2036	$33.14	$28.38	$39.25	$34.65	$35.43	$40.19	$41.67	$36.77	$38.76	$30.02	$32.43	$30.03	$29.53	$32.16	$25.27	$83.67	$59.65	$34.17	$39.35	$29.91	$32.43	$30.83	$25.27
Crystal River 4&5 2037	Crystal River 4&5	2037	$33.80	$28.95	$40.04	$35.34	$36.14	$40.99	$42.51	$37.50	$39.53	$30.62	$33.08	$30.63	$30.12	$32.80	$25.77	$85.34	$60.85	$34.85	$40.13	$30.50	$33.08	$31.45	$25.77
Crystal River 4&5 2038	Crystal River 4&5	2038	$34.48	$29.53	$40.84	$36.05	$36.86	$41.81	$43.36	$38.25	$40.32	$31.23	$33.75	$31.24	$30.72	$33.46	$26.29	$87.05	$62.06	$35.55	$40.94	$31.11	$33.75	$32.08	$26.29
Crystal River 4&5 2039	Crystal River 4&5	2039	$35.17	$30.12	$41.65	$36.77	$37.60	$42.65	$44.22	$39.02	$41.13	$31.86	$34.42	$31.86	$31.34	$34.13	$26.81	$88.79	$63.30	$36.26	$41.75	$31.74	$34.42	$32.72	$26.81
Crystal River 4&5 2040	Crystal River 4&5	2040	$35.87	$30.72	$42.49	$37.50	$38.35	$43.50	$45.11	$39.80	$41.95	$32.49	$35.11	$32.50	$31.97	$34.81	$27.35	$90.56	$64.57	$36.98	$42.59	$32.37	$35.11	$33.38	$27.35
Crystal River 4&5 2041	Crystal River 4&5	2041	$36.59	$31.33	$43.34	$38.25	$39.11	$44.37	$46.01	$40.59	$42.79	$33.14	$35.81	$33.15	$32.60	$35.50	$27.89	$92.38	$65.86	$37.72	$43.44	$33.02	$35.81	$34.04	$27.89
Crystal River 4&5 2042	Crystal River 4&5	2042	$37.32	$31.96	$44.20	$39.02	$39.90	$45.26	$46.93	$41.40	$43.65	$33.81	$36.53	$33.81	$33.26	$36.21	$28.45	$94.22	$67.18	$38.48	$44.31	$33.68	$36.53	$34.72	$28.45
Crystal River 4&5 2043	Crystal River 4&5	2043	$38.07	$32.60	$45.09	$39.80	$40.69	$46.16	$47.87	$42.23	$44.52	$34.48	$37.26	$34.49	$33.92	$36.94	$29.02	$96.11	$68.52	$39.25	$45.20	$34.35	$37.26	$35.42	$29.02
Crystal River 4&5 2044	Crystal River 4&5	2044	$38.83	$33.25	$45.99	$40.59	$41.51	$47.09	$48.83	$43.08	$45.41	$35.17	$38.00	$35.18	$34.60	$37.68	$29.60	$98.03	$69.89	$40.03	$46.10	$35.04	$38.00	$36.13	$29.60
Crystal River 4&5 2045	Crystal River 4&5	2045	$39.60	$33.92	$46.91	$41.40	$42.34	$48.03	$49.80	$43.94	$46.32	$35.88	$38.76	$35.88	$35.29	$38.43	$30.19	$99.99	$71.29	$40.83	$47.02	$35.74	$38.76	$36.85	$30.19
Crystal River 4&5 2046	Crystal River 4&5	2046	$40.40	$34.59	$47.85	$42.23	$43.19	$48.99	$50.80	$44.82	$47.25	$36.59	$39.54	$36.60	$36.00	$39.20	$30.80	$101.99	$72.72	$41.65	$47.96	$36.45	$39.54	$37.59	$30.80
Crystal River 4&5 2047	Crystal River 4&5	2047	$41.20	$35.29	$48.80	$43.08	$44.05	$49.97	$51.81	$45.71	$48.19	$37.32	$40.33	$37.33	$36.72	$39.98	$31.41	$104.03	$74.17	$42.48	$48.92	$37.18	$40.33	$38.34	$31.41
Crystal River 4&5 2048	Crystal River 4&5	2048	$42.03	$35.99	$49.78	$43.94	$44.93	$50.97	$52.85	$46.63	$49.15	$38.07	$41.14	$38.08	$37.45	$40.78	$32.04	$106.11	$75.65	$43.33	$49.90	$37.93	$41.14	$39.10	$32.04
Crystal River 4&5 2049	Crystal River 4&5	2049	$42.87	$36.71	$50.78	$44.82	$45.83	$51.99	$53.91	$47.56	$50.14	$38.83	$41.96	$38.84	$38.20	$41.60	$32.68	$108.23	$77.17	$44.20	$50.90	$38.69	$41.96	$39.89	$32.68
Crystal River 4&5 2050	Crystal River 4&5	2050	$43.73	$37.45	$51.79	$45.71	$46.75	$53.03	$54.99	$48.51	$51.14	$39.61	$42.80	$39.62	$38.97	$42.43	$33.34	$110.40	$78.71	$45.08	$51.92	$39.46	$42.80	$40.68	$33.34

Misc Rates

5 Year Escalation Rate 2.0%

Base Rail Rates ($/ton)

	Cora	Cook	Calvert City	Houston	Crystal River
Twenty Mile	$29.00	$30.75	$32.00	$34.25	$58.25
West Elk	$30.50	$32.25	$33.50	$35.75	$59.25
Bowie	$30.50	$32.25	$33.50	$35.75	$59.25

Total Rate ($/ton)

	Cora	Cook	Calvert City	Houston	Crystal River
Twenty Mile	$30.92	$32.86	$34.16	$36.65	$62.87
West Elk	$32.58	$34.49	$35.82	$38.31	$64.09
Bowie	$32.58	$34.49	$35.82	$38.31	$64.09

Mileage

	Cora	Cook	Calvert City	Houston	Crystal River
Twenty Mile	1203	1321	1349	1500	2100
West Elk	1300	1400	1450	1600	2200
Bowie	1300	1400	1450	1600	2200

UP 0.16 $/ton-mile HDF Price

CSX 0.22 $/ton-mile 2.858 $/gallon

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Barge Rate Master Updated: 10/2/2019 tw **Post 2024 escalation:** 2.0% **Source:** \\cltpsmf02\FuelPUR\Planning\IRP Refresh Files\Fall 2019 IRP Refresh\Supporting Files\Fall 2019 FLORIDA BARGE FOF_Working File_Fixed Costs Removed through 2024

Key	Station2	Year	Barge CAPP Basin	Barge NAPP Pitt 8	Barge NAPP OH MP100	Barge ILB Green River	Barge ILB OH River	Barge UP RM to Convent	Mt Vernon	Calvert City
Crystal River 4&5 2019	Crystal River 4&5	2019	$17.67	$22.29	$18.67	$20.46	$12.83	$51.92	$12.20	$13.55
Crystal River 4&5 2020	Crystal River 4&5	2020	$17.90	$22.58	$18.90	$20.72	$12.99	$53.46	$12.36	$13.73
Crystal River 4&5 2021	Crystal River 4&5	2021	$18.05	$22.77	$19.06	$20.22	$13.10	$54.56	$12.46	$13.84
Crystal River 4&5 2022	Crystal River 4&5	2022	$18.42	$23.24	$19.46	$20.15	$13.37	$55.48	$12.72	$14.13
Crystal River 4&5 2023	Crystal River 4&5	2023	$21.26	$26.18	$22.32	$23.03	$16.10	$56.57	$17.87	$19.31
Crystal River 4&5 2024	Crystal River 4&5	2024	$21.71	$26.74	$22.79	$23.52	$16.44	$57.74	$18.25	$19.72
Crystal River 4&5 2025	Crystal River 4&5	2025	$28.06	$33.19	$29.16	$29.90	$22.67	$64.83	$30.40	$31.90
Crystal River 4&5 2026	Crystal River 4&5	2026	$28.51	$33.77	$29.64	$30.40	$23.00	$66.03	$30.69	$32.23
Crystal River 4&5 2027	Crystal River 4&5	2027	$29.51	$34.91	$30.67	$31.45	$23.85	$67.64	$31.98	$33.56
Crystal River 4&5 2028	Crystal River 4&5	2028	$30.27	$35.82	$31.46	$32.26	$24.45	$69.00	$32.74	$34.36
Crystal River 4&5 2029	Crystal River 4&5	2029	$31.05	$36.76	$32.28	$33.10	$25.07	$70.38	$33.52	$35.18
Crystal River 4&5 2030	Crystal River 4&5	2030	$31.80	$37.66	$33.06	$33.90	$25.67	$71.78	$34.28	$35.99
Crystal River 4&5 2031	Crystal River 4&5	2031	$39.14	$45.12	$40.43	$41.29	$32.88	$79.90	$48.34	$50.09
Crystal River 4&5 2032	Crystal River 4&5	2032	$39.99	$46.10	$41.30	$42.18	$33.60	$81.55	$49.42	$51.20
Crystal River 4&5 2033	Crystal River 4&5	2033	$40.79	$47.03	$42.13	$43.03	$34.27	$83.16	$50.38	$52.20
Crystal River 4&5 2034	Crystal River 4&5	2034	$41.61	$47.97	$42.98	$43.90	$34.95	$84.79	$51.35	$53.21
Crystal River 4&5 2035	Crystal River 4&5	2035	$42.52	$49.02	$43.92	$44.85	$35.72	$86.55	$52.50	$54.40
Crystal River 4&5 2036	Crystal River 4&5	2036	$43.36	$50.00	$44.79	$45.75	$36.42	$88.25	$53.51	$55.45
Crystal River 4&5 2037	Crystal River 4&5	2037	$44.24	$51.01	$45.70	$46.67	$37.15	$89.98	$54.55	$56.53
Crystal River 4&5 2038	Crystal River 4&5	2038	$45.22	$52.14	$46.70	$47.70	$37.97	$91.84	$55.78	$57.80
Crystal River 4&5 2039	Crystal River 4&5	2039	$46.13	$53.20	$47.65	$48.67	$38.73	$93.64	$56.86	$58.93
Crystal River 4&5 2040	Crystal River 4&5	2040	$47.06	$54.28	$48.61	$49.65	$39.50	$95.49	$57.97	$60.08
Crystal River 4&5 2041	Crystal River 4&5	2041	$47.93	$55.25	$49.50	$50.56	$40.25	$97.46	$59.16	$61.30
Crystal River 4&5 2042	Crystal River 4&5	2042	$48.91	$56.40	$50.52	$51.60	$41.07	$99.37	$60.32	$62.50
Crystal River 4&5 2043	Crystal River 4&5	2043	$49.92	$57.57	$51.56	$52.66	$41.90	$101.33	$61.50	$63.74
Crystal River 4&5 2044	Crystal River 4&5	2044	$50.85	$58.63	$52.53	$53.65	$42.71	$103.42	$62.77	$65.04
Crystal River 4&5 2045	Crystal River 4&5	2045	$51.93	$59.88	$53.64	$54.79	$43.61	$105.49	$64.07	$66.39
Crystal River 4&5 2046	Crystal River 4&5	2046	$52.84	$60.91	$54.58	$55.74	$44.39	$107.60	$65.26	$67.62
Crystal River 4&5 2047	Crystal River 4&5	2047	$53.95	$62.20	$55.73	$56.92	$45.32	$109.75	$66.61	$69.01
Crystal River 4&5 2048	Crystal River 4&5	2048	$55.09	$63.52	$56.90	$58.12	$46.27	$111.95	$67.98	$70.44
Crystal River 4&5 2049	Crystal River 4&5	2049	$56.04	$64.60	$57.88	$59.12	$47.08	$114.19	$69.24	$71.73
Crystal River 4&5 2050	Crystal River 4&5	2050	$57.22	$65.97	$59.10	$60.36	$48.07	$116.47	$70.66	$73.21

Rail Assumptions

1) CSX CAPP, NAPP, ILB and Western PRB/RM rates updated based on CSX indicitive bid received 8/2019
2) CSX West Kentucky equals CSX indicitive bid received 8/2019 for Cardinal 9, KY
3) CSX Galatia rate equals CSX indicitive bid received 8/2019 for White Oak
4) CSX Sullivan rate equals average CSX indicitive bid for ILB excluding Cardinal 9, KY received 8/2019
9) CSX UP (RM) equals CSX indicitive bid received 8/2019 including BSNF piece
10) CSX PRB equals CSX indicitive bid received 8/2019 including BSNF piece
11) Delivery of ILB 11,000 6# would typically be out of Central IL. ILB 11,000 6# transportation selection of CSX Sullivan based off of Peabody Bear Run 2017 Fall Term RFP offer. However, Station can not currently do a rail direct move as there is no on-site blending capabilities which would be needed to meet SO2 constraints

Barge Assumptions

12) Barge UP RM to Convent rate is the current UP agreement through 9/18 escalated at 5% (with Fuel Surcharge calculations based on COB 9/12/19 WTI fuel pricing), plus the current rates for the Convent Terminal fees which expired 12/31/18 escalated at 2% and Gulf Barge rates through 12/18 escalating 2% annually starting Jan 2025 through 2050.
13) Delivery of 11,800 4.5# coals would typically be off the Green River. Currently have a contract delivering off the Ohio.
14) ILB 11,000 6# transportation selection of OH River based off of Peabody bids going through Cora Terminal
15) Fixed cross-gulf costs excluded from transportation rates through FOF study period, Fees for one cross-gulf barge added 1/1/25. Second cross-gulf barge added 1/1/31. Variable cost to mid-stream coal from the river to the gulf is included starting 1/1/23 and is based off the current AT rate escalated at 2%. Mirrors current FOF assumptions.

Current FOF Gulf Barge assumptions: Margo Dale terminated 12/31/20, Winna Wilson assumed in-service through 12/31/23

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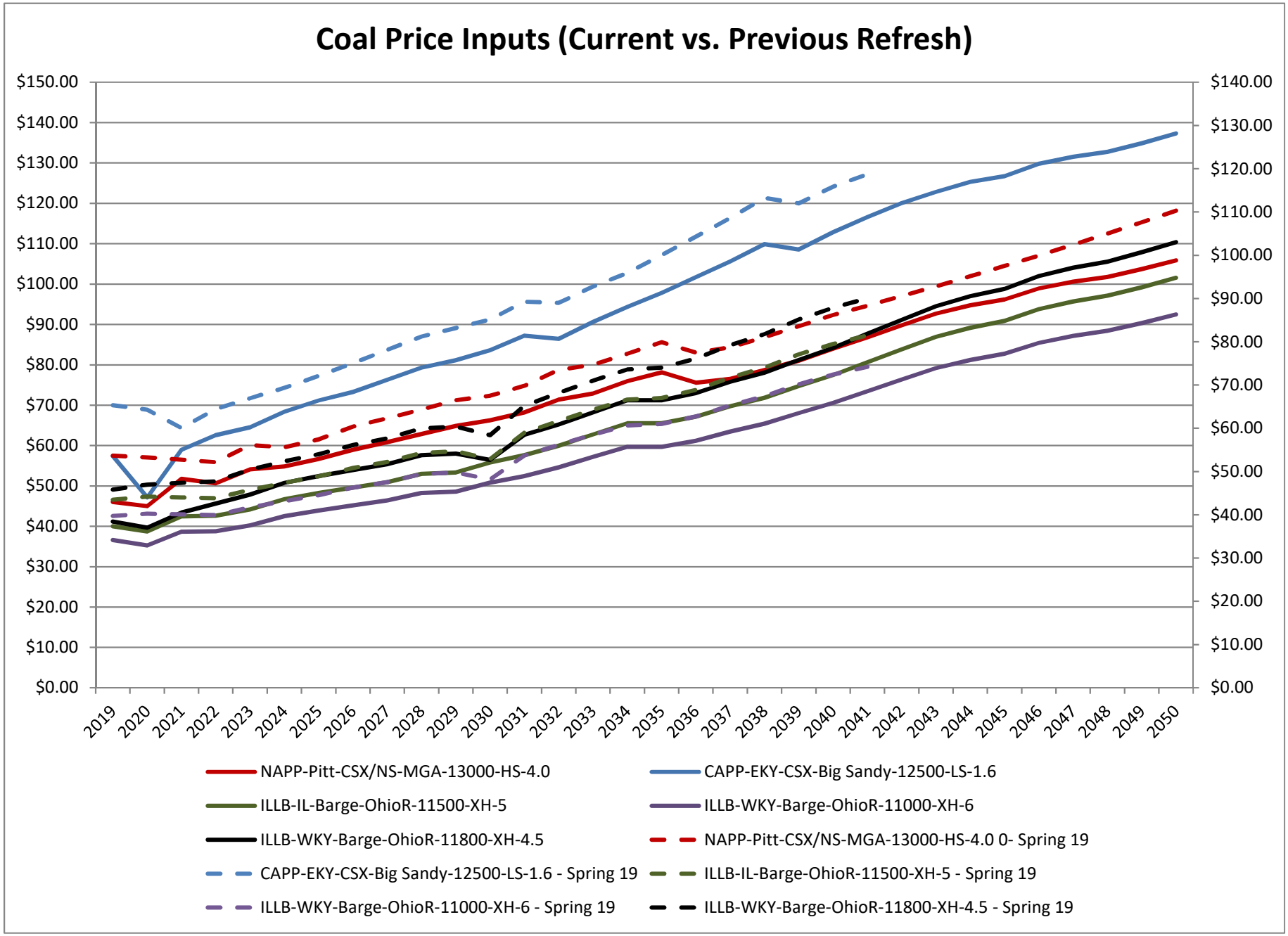

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Florida- Spring 2019 IRP Refresh Update - Coal No Carbon

CERA Fundamental Price Forecast*

Source File: Fuel-Forecast_Spring_2019_IHS_03292019 Source Tab: Coal Spring 2019

From: Andrew James via e-mail on 3/29/2019 at 12:13 p.m

* Internal escalation rate of 2.5% applied starting in 2041 due to escalation rate error in HIS supplied market update (per email from Mike Quinto received 4/25/19)

Updated: 4/29/2019 Tiffany Weir

Basin	Coal Type	FOB Point	Btu/lb	#SO2/MMBtu	%Ash	Avg Hg ppm (dry)	Chlorine % AR	INDEX	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050
								Inflator 2018 = 1.0>>>	1.000	1.020	1.047	1.073	1.095	1.117	1.139	1.161	1.184	1.207	1.231	1.256	1.281	1.307	1.334	1.360	1.388	1.416	1.444	1.473	1.502	1.531	2.500	2.500	2.500	2.500	2.500	2.500	2.500	2.500	2.500
NAPP	Pittsburgh Seam	Rail	13,000	4.0	8.0	0.122	0.10%	NAPP-Pitt-CSX/NS-MGA-13000-HS-4.0- Spring 19	$53.67	$53.25	$52.75	$52.16	$56.11	$55.63	$57.44	$60.38	$62.33	$64.36	$66.48	$67.50	$69.81	$73.47	$74.67	$77.25	$79.90	$77.50	$78.72	$81.11	$83.60	$86.18	$88.34	$90.54	$92.81	$95.13	$97.51	$99.94	$102.44	$105.00	$107.63	$110.32
NAPP	Pittsburgh Seam	Barge	13,000	4.0	8.0	0.122	0.10%	NAPP-Pitt-Barge-MonR-13000-HS-4.0 - Spring 19	$53.67	$53.25	$52.75	$52.16	$56.11	$55.63	$57.44	$60.38	$62.33	$64.36	$66.48	$67.50	$69.81	$73.47	$74.67	$77.25	$79.90	$77.50	$78.72	$81.11	$83.60	$86.18	$88.34	$90.54	$92.81	$95.13	$97.51	$99.94	$102.44	$105.00	$107.63	$110.32
CAPP	Low-Sulfur	Rail	12,500	1.6	10.0	0.110	0.10%	CAPP-EKY-CSX-Big Sandy-12500-LS-1.6 - Spring 19	$65.33	$64.27	$60.06	$64.45	$66.93	$69.35	$72.08	$75.06	$78.13	$81.19	$83.17	$85.13	$89.25	$88.98	$92.77	$95.94	$100.02	$104.28	$108.60	$113.26	$111.99	$115.83	$118.73	$121.69	$124.74	$127.85	$131.05	$134.33	$137.69	$141.13	$144.66	$148.27
CAPP	Low-Sulfur	Barge	12,500	1.6	10.0	0.110	0.10%	CAPP-EKY-Barge-BSR-12000-LS-1.6 - Spring 19	$65.33	$64.27	$60.06	$64.45	$66.93	$69.35	$72.08	$75.06	$78.13	$81.19	$83.17	$85.13	$89.25	$88.98	$92.77	$95.94	$100.02	$104.28	$108.60	$113.26	$111.99	$115.83	$118.73	$121.69	$124.74	$127.85	$131.05	$134.33	$137.69	$141.13	$144.66	$148.27
ILB	Illinois	Rail	11,500	5.0	10.0	0.102	0.30%	ILLB-IL-Rail-South IL-11500-VH-5 - Spring 19	$43.48	$44.19	$44.01	$43.87	$45.79	$47.39	$48.88	$50.82	$52.20	$54.28	$54.68	$52.87	$58.97	$61.71	$64.27	$66.62	$67.00	$68.89	$71.70	$74.01	$77.07	$79.50	$81.49	$83.53	$85.62	$87.76	$89.95	$92.20	$94.51	$96.87	$99.29	$101.77
ILB	Illinois	Barge	11,500	5.0	10.0	0.102	0.15%	ILLB-IL-Barge-OhioR-11500-VH-5 - Spring 19	$43.48	$44.19	$44.01	$43.87	$45.79	$47.39	$48.88	$50.82	$52.20	$54.28	$54.68	$52.87	$58.97	$61.71	$64.27	$66.62	$67.00	$68.89	$71.70	$74.01	$77.07	$79.50	$81.49	$83.53	$85.62	$87.76	$89.95	$92.20	$94.51	$96.87	$99.29	$101.77
ILB	Illinois	Rail	11,500	5.0	10.0	0.102	0.12%	ILLB-IN-Rail-Sullivan-11500-VH-5 - Spring 19	$43.48	$44.19	$44.01	$43.87	$45.79	$47.39	$48.88	$50.82	$52.20	$54.28	$54.68	$52.87	$58.97	$61.71	$64.27	$66.62	$67.00	$68.89	$71.70	$74.01	$77.07	$79.50	$81.49	$83.53	$85.62	$87.76	$89.95	$92.20	$94.51	$96.87	$99.29	$101.77
ILB	Illinois	Barge	11,000	6.0	10.0	0.102	0.10%	ILLB-WKY-Barge-OhioR-11000-XH-6 - Spring 19	$39.73	$40.24	$40.08	$39.95	$41.69	$43.16	$44.51	$46.28	$47.53	$49.43	$49.79	$48.15	$53.70	$56.19	$58.53	$60.66	$61.01	$62.73	$65.29	$67.39	$70.18	$72.40	$74.21	$76.06	$77.97	$79.91	$81.91	$83.96	$86.06	$88.21	$90.42	$92.68
ILB	Illinois	Rail	11,000	6.0	10.0	0.102	0.15%	ILLB-IN-Rail-Sullivan-11000-XH-6 - Spring 19	$39.73	$40.24	$40.08	$39.95	$41.69	$43.16	$44.51	$46.28	$47.53	$49.43	$49.79	$48.15	$53.70	$56.19	$58.53	$60.66	$61.01	$62.73	$65.29	$67.39	$70.18	$72.40	$74.21	$76.06	$77.97	$79.91	$81.91	$83.96	$86.06	$88.21	$90.42	$92.68
ILB	Illinois	Rail	11,000	6.0	10.0	0.102	0.15%	ILLB-IL-Rail-Central IL-11000-XH-6 - Spring 19	$39.73	$40.24	$40.08	$39.95	$41.69	$43.16	$44.51	$46.28	$47.53	$49.43	$49.79	$48.15	$53.70	$56.19	$58.53	$60.66	$61.01	$62.73	$65.29	$67.39	$70.18	$72.40	$74.21	$76.06	$77.97	$79.91	$81.91	$83.96	$86.06	$88.21	$90.42	$92.68
ILB	Illinois	Barge	11,800	4.5	10.0	0.102	0.20%	ILLB-WKY-Barge-Green River-11800-XH-4.5 - Spring 19	$45.83	$46.98	$47.36	$47.77	$50.43	$52.36	$54.00	$56.15	$57.67	$59.97	$60.41	$58.42	$65.15	$68.18	$71.01	$73.60	$74.02	$76.11	$79.22	$81.77	$85.15	$87.84	$90.04	$92.29	$94.59	$96.96	$99.38	$101.87	$104.41	$107.02	$109.70	$112.44
ILB	Illinois	Barge	11,800	4.5	10.0	0.102	0.20%	ILLB-WKY-Barge-OhioR-11800-XH-4.5 - Spring 19	$45.83	$46.98	$47.36	$47.77	$50.43	$52.36	$54.00	$56.15	$57.67	$59.97	$60.41	$58.42	$65.15	$68.18	$71.01	$73.60	$74.02	$76.11	$79.22	$81.77	$85.15	$87.84	$90.04	$92.29	$94.59	$96.96	$99.38	$101.87	$104.41	$107.02	$109.70	$112.44
ILB	Low Chlorine	Barge	11,500	5.2	10.0	0.102	0.08%	ILLB-WKY-Barge-OhioR-11500-VH-5.2-LC-.8 - Spring 19	$45.83	$46.98	$47.36	$47.77	$50.43	$52.36	$54.00	$56.15	$57.67	$59.97	$60.41	$58.42	$65.15	$68.18	$71.01	$73.60	$74.02	$76.11	$79.22	$81.77	$85.15	$87.84	$90.04	$92.29	$94.59	$96.96	$99.38	$101.87	$104.41	$107.02	$109.70	$112.44
ILB	Low Chlorine	Rail	11,500	5.2	10.0	0.102	0.08%	ILLB-WKY-CSX-WKY-11500-VH-5.2-LC-.8 - Spring 19	$45.83	$46.98	$47.36	$47.77	$50.43	$52.36	$54.00	$56.15	$57.67	$59.97	$60.41	$58.42	$65.15	$68.18	$71.01	$73.60	$74.02	$76.11	$79.22	$81.77	$85.15	$87.84	$90.04	$92.29	$94.59	$96.96	$99.38	$101.87	$104.41	$107.02	$109.70	$112.44
PRB	High-Btu Gillette	Rail	8,800	0.8	5.0	0.060	0.01%	PRB-WY-BN/UP-Gillette-8800-CS-0.8 - Spring 19	$12.20	$12.19	$12.25	$13.64	$14.21	$14.58	$15.10	$15.72	$16.36	$17.04	$17.74	$18.49	$19.28	$20.09	$20.95	$21.85	$22.78	$23.27	$24.27	$25.31	$26.40	$27.53	$28.22	$28.93	$29.65	$30.39	$31.15	$31.93	$32.73	$33.55	$34.38	$35.24
RM	Rockies	Rail	11,700	0.8	8.0	0.040	0.02%	Rockies-CO-UP-North Fork-11700-CS-.8 - Spring 19	$33.38	$33.64	$35.71	$36.10	$38.56	$40.08	$41.66	$41.49	$43.09	$44.76	$46.52	$47.52	$49.43	$51.42	$50.25	$52.05	$54.14	$56.33	$54.14	$56.34	$58.64	$61.04	$62.56	$64.13	$65.73	$67.37	$69.06	$70.79	$72.56	$74.37	$76.23	$78.13
RM	Rockies	Barge	11,700	0.8	8.0	0.040	0.02%	Rockies-CO-UP-North Fork-11700-CS-.8 - Spring 19	$33.38	$33.64	$35.71	$36.10	$38.56	$40.08	$41.66	$41.49	$43.09	$44.76	$46.52	$47.52	$49.43	$51.42	$50.25	$52.05	$54.14	$56.33	$54.14	$56.34	$58.64	$61.04	$62.56	$64.13	$65.73	$67.37	$69.06	$70.79	$72.56	$74.37	$76.23	$78.13

Price Forecast Received from Andrew James via e-mail on 3/29/19 at 12:13 p.m. (Nominal $/ton) **

Reviewed transportation delivery locations with Shawn Shultz, Manager Coal Transportation

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Florida- 2019 IRP Fall Refresh Update - Coal - Version History

File Preparer:	Tiffany Weir
Date Prepared:	10/7/2019
Concurring Manager:	Brett Phipps
Date Approved:	
Updates to File:	Coal Fundamental Prices
	Rail Rates
	Barge Rates
	Assumptions

Florida- Fall 2019 IRP Refresh Update - Coal

No Carbon

********** Key Assumptions - PLEASE READ **********

1. Using the following CERA fundamental price forecast in Nominal dollars (see the "Coal Price Inputs" sheet):

   Source File: Fuel-Forecast_Fall_2019_IHS_New ILB

   Source Tab: Coal Fall 2019

   From: Andrew James via e-mail on 10/04/2019

2. Vendors for the fundemental price curves changed in 2017 from EVA to CERA. With this change there was a reduction in the number of coal prices forecasts provided for each region. However, where transportation rates provided alternative delivery methods for the same coal price forecast a delivered price was calculated.
3. This is an evaluation of the delivered cost per mmbtu only (coal price plus transportation cost). See the "Master" sheet for the overall summary of the lowest cost alternatives by station by year (including cost and quality). Additional cost adjustments for scrubber costs, O&M, etc. could be added upon request.
4. The delivered cost per mmbtu was calculated for all coal alternatives that can be transported to each station (see the sheets for each station). The coal alternative with the lowest delivered cost was then able to be identified and chosen for each year. This format allows the reviewer to see the delivered costs for all alternatives, regardless of whether or not they were not chosen (enables quick review of cost deltas for the next lowest cost alternatives). Where the station cannot burn the single lowest cost alternative at 100%, the lowest cost blend was determined.
5. This update incorporates unit capability constraints (Min BTU, Max SO2, Max Ash, Max Chlorine, and Max Mercury) and current capacity for on-site blending as we know them today.
6. Does not include any other adders for sulfur removal costs, O&M impacts or anything else. However, please note these additional cost impacts can be incorporated into the analysis upon request.
7. The CSX rail transportation rates assume the current proposed rates based off of Aug. 2019 CSX rate proposal (with Fuel Surcharge calculations based on COB 9/12/2019 WTI fuel pricing and AII-LF based on the actual index numbers through Q3 2019). The rates are escalated at 2.0% annually for 2020 through 2050.

8 For additional rail and barge assumptions see tab " Transportation Rate assumptions".

9 Crystal River Units 1&2 retirement occurred 12/31/18

10 This IRP is for planning purposes only. Using fundamental pricing for coal and market estimates for transportation rates. This evaluation does not include the modeling of the existing contractual commitments for coal, transportation and trans-loading.

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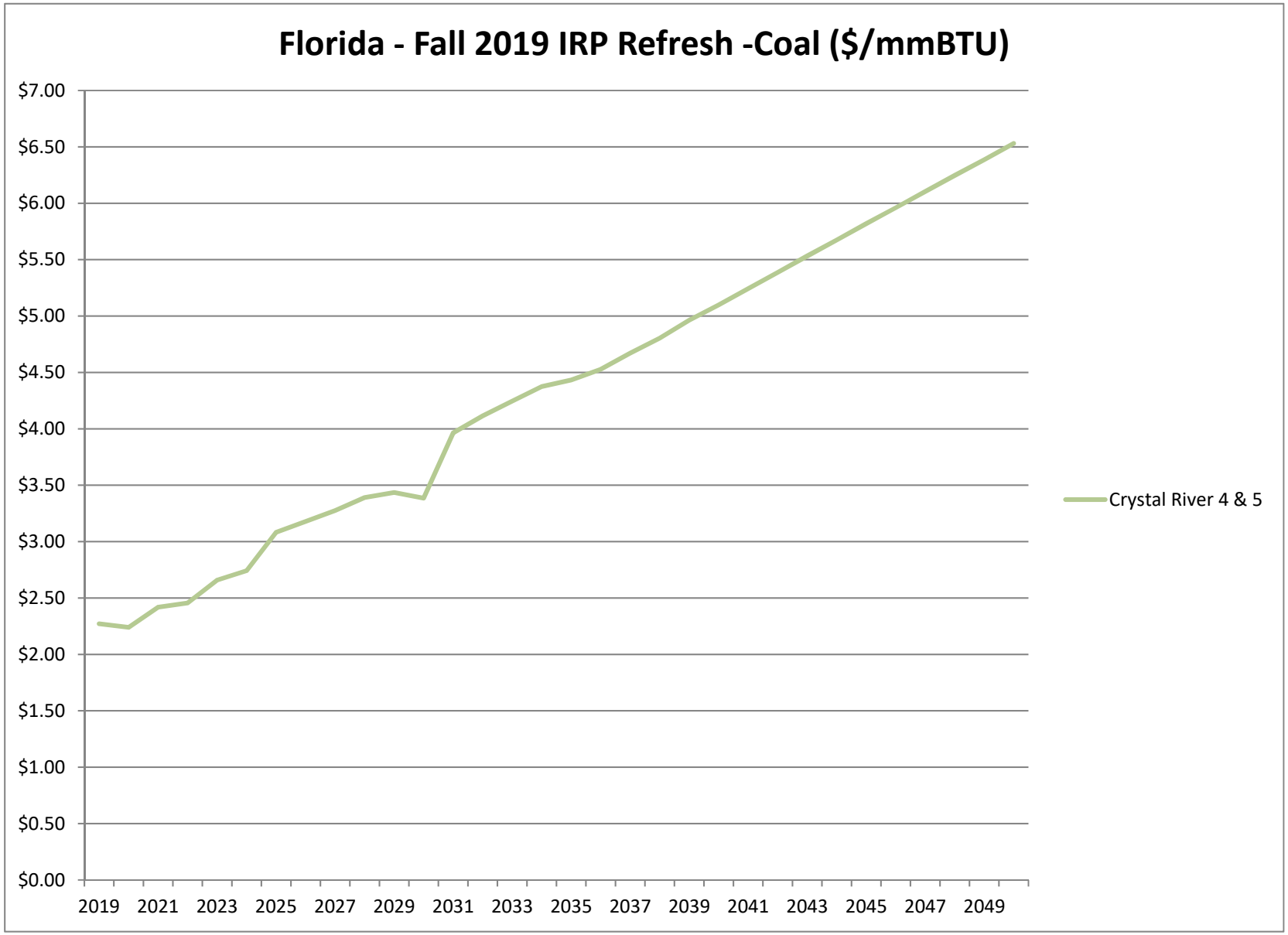

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Florida- Fall 2019 IRP Refresh Update - Coal

No Carbon

** Indicates unit capability constraints prevented selection of 100% of the lowest cost alternative

DELIVERED COST ($/MMBTU)

Station	Lowest Cost Alternatives	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050
Crystal River 4 & 5	A 50%/50% blend of IL-OH Rvr 11,500 5# & IL-OH Rvr 11,000 6# 2019-2030, and a 30%/60%/10% blend of IL-OH Rvr 11,500 5#, IL-OH Rvr 11,000 6#, & NAPP Rail 113,0004# coal 2031-2050**	$2.27	$2.24	$2.42	$2.46	$2.66	$2.74	$3.08	$3.18	$3.28	$3.39	$3.44	$3.39	$3.96	$4.11	$4.25	$4.37	$4.43	$4.53	$4.67	$4.80	$4.96	$5.10	$5.24	$5.39	$5.53	$5.67	$5.82	$5.96	$6.10	$6.25	$6.39	$6.53

BTU	Minimum BTU Limit	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050
Crystal River 4 & 5	10,700	11,250	11,250	11,250	11,250	11,250	11,250	11,250	11,250	11,250	11,250	11,250	11,250	11,350	11,350	11,350	11,350	11,350	11,350	11,350	11,350	11,350	11,350	11,350	11,350	11,350	11,350	11,350	11,350	11,350	11,350	11,350

SO2 (#/mmbtu)	Max SO2 Limit	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050
Crystal River 4 & 5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5

ASH	Max Ash Limit	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050
Crystal River 4 & 5	13%	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8

MERCURY (Hg) - ppm dry	Max Mercury (Hg) Limit	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050
Crystal River 4 & 5	NA	0.102	0.102	0.102	0.102	0.102	0.102	0.102	0.102	0.102	0.102	0.102	0.102	0.104	0.104	0.104	0.104	0.104	0.104	0.104	0.104	0.104	0.104	0.104	0.104	0.104	0.104	0.104	0.104	0.104	0.104	0.104	0.104

CHLORINE % AR	Max Chlorine Limit - ppm	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050
Crystal River 4 & 5	0.25%	0.13%	0.13%	0.13%	0.13%	0.13%	0.13%	0.13%	0.13%	0.13%	0.13%	0.13%	0.13%	0.12%	0.12%	0.12%	0.12%	0.12%	0.12%	0.12%	0.12%	0.12%	0.12%	0.12%	0.12%	0.12%	0.12%	0.12%	0.12%	0.12%	0.12%	0.12%	0.12%

Market - COB 10/12/2018										esc@2.5%																							
CRN		$2.03	$2.12	$2.18	$2.26	$2.43	$2.50	$2.56	$2.56	$2.63	$2.69																						
Blend																																	
Market	100%	100%	100%	100%	100%	89%	69%	49%	29%	9%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Fundamentals	0%	0%	0%	0%	0%	11%	31%	51%	71%	91%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Final Forecast																																	
CRN	$2.03	$2.12	$2.18	$2.26	$2.43	$2.52	$2.72	$2.88	$3.09	$3.33	$3.44	$3.39	$3.96	$4.11	$4.25	$4.37	$4.43	$4.53	$4.67	$4.80	$4.96	$5.10	$5.24	$5.39	$5.53	$5.67	$5.82	$5.96	$6.10	$6.25	$6.39	$6.53

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Florida- Fall 2019 IRP Refresh Update - Coal No Carbon

LOWEST COST ALTERNATIVE (Delivered $/mmbtu)

		Limits:	Min BTU	Max SO2	Max Ash	Max Cl		2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041
							Cost ($/mmbtu):	$2.27	$2.24	$2.42	$2.46	$2.66	$2.74	$3.08	$3.18	$3.28	$3.39	$3.44	$3.39	$3.96	$4.11	$4.25	$4.37	$4.43	$4.53	$4.67	$4.80	$4.96	$5.10	$5.24
Crystal River 4 & 5	A 50%/50% blend of IL-OH Rvr 11,500 5# & IL-OH Rvr 11,000 6# 2019-2030, and a 30%/60%/10% blend of IL-OH Rvr 11,500 5#, IL-OH Rvr 11,000 6#, & NAPP Rail 113,0004# coal 2031-2050**		10,700	5.5	13.0%	0.25%	BTU/lb:	11,250	11,250	11,250	11,250	11,250	11,250	11,250	11,250	11,250	11,250	11,250	11,250	11,350	11,350	11,350	11,350	11,350	11,350	11,350	11,350	11,350	11,350	11,350

							SO2 (#/mmbtu):	5.49	5.49	5.49	5.49	5.49	5.49	5.49	5.49	5.49	5.49	5.49	5.49	5.47	5.47	5.47	5.47	5.47	5.47	5.47	5.47	5.47	5.47	5.47
							Ash (%):	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8
							Hg (ppm - dry):	0.102	0.102	0.102	0.102	0.102	0.102	0.102	0.102	0.102	0.102	0.102	0.102	0.104	0.104	0.104	0.104	0.104	0.104	0.104	0.104	0.104	0.104	0.104
							Chlorine %AR	0.13%	0.13%	0.13%	0.13%	0.13%	0.13%	0.13%	0.13%	0.13%	0.13%	0.13%	0.13%	0.12%	0.12%	0.12%	0.12%	0.12%	0.12%	0.12%	0.12%	0.12%	0.12%	0.12%
							Delta to Single Lowest Cost Alternative:	$0.03	$0.03	$0.03	$0.03	$0.03	$0.03	$0.03	$0.03	$0.03	$0.03	$0.03	$0.03	$0.25	$0.27	$0.26	$0.27	$0.29	$0.27	$0.27	$0.28	$0.29	$0.29	$0.29

SELECTED PERCENTAGES

Station	Basin	Coal Type	FOB Point	Btu/lb	#SO2/MMBtu	%Ash	Hg (ppm - dry)	Chlorine % AR	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041
Crystal River 4&5	NAPP	Pittsburgh Seam	Rail	13,000	4	8	0.122	0.10%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	10%	10%	10%	10%	10%	10%	10%	10%	10%	10%	10%
Crystal River 4&5	NAPP	Pittsburgh Seam	Barge	13,000	4	8	0.122	0.10%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Crystal River 4&5	CAPP	Low-Sulfur	Rail	12,500	1.6	10	0.110	0.10%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Crystal River 4&5	CAPP	Low-Sulfur	Barge	12,500	1.67	10	0.110	0.10%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Crystal River 4&5	ILB	Illinois	Rail	11,500	5	10	0.102	0.30%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Crystal River 4&5	ILB	Illinois	Barge	11,500	5	10	0.102	0.15%	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%	30%	30%	30%	30%	30%	30%	30%	30%	30%	30%	30%
Crystal River 4&5	ILB	Illinois	Rail	11,500	5	10	0.102	0.12%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Crystal River 4&5	ILB	Illinois	Barge	11,000	6	10	0.102	0.10%	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%	60%	60%	60%	60%	60%	60%	60%	60%	60%	60%	60%
Crystal River 4&5	ILB	Illinois	Rail	11,000	6	10	0.102	0.15%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Crystal River 4&5	ILB	Illinois	Barge	11,800	4.5	10	0.102	0.20%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Crystal River 4&5	ILB	Illinois	Barge	11,800	4.5	10	0.102	0.20%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Crystal River 4&5	ILB	Low Chlorine	Barge	11,500	5.2	10	0.102	0.08%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Crystal River 4&5	ILB	Low Chlorine	Rail	11,500	5.2	10	0.102	0.08%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Crystal River 4&5	PRB	High-Btu Gillette	Rail	8,800	0.8	5	0.060	0.01%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Crystal River 4&5	RM	Rockies	Rail	11,700	0.8	8	0.040	0.02%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Crystal River 4&5	RM	Rockies	Barge	11,700	0.8	8	0.040	0.02%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
									100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%

DELIVERED COST ($/MMBTU)

							Single Lowest Cost Alternative:		$2.25	$2.21	$2.39	$2.42	$2.63	$2.71	$3.05	$3.15	$3.24	$3.36	$3.40	$3.36	$3.71	$3.85	$3.98	$4.10	$4.15	$4.25	$4.40	$4.52	$4.68	$4.81	$4.95
Station	Basin	Coal Type	FOB Point	Btu/lb	#SO2/MMBtu	%Ash	Hg (ppm - dry)	Chlorine % AR	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041
Crystal River 4&5	NAPP	Pittsburgh Seam	Rail	13,000	4	8	0.122	0.10%	$2.84	$2.82	$3.13	$3.13	$3.31	$3.32	$3.42	$3.56	$3.66	$3.77	$3.87	$3.94	$4.06	$4.22	$4.30	$4.43	$4.56	$4.49	$4.57	$4.69	$4.82	$4.95	$5.07
Crystal River 4&5	NAPP	Pittsburgh Seam	Barge	13,000	4	8	0.122	0.10%	$2.63	$2.62	$2.90	$2.90	$3.17	$3.17	$3.49	$3.62	$3.74	$3.85	$3.97	$4.04	$4.42	$4.60	$4.68	$4.82	$4.96	$4.90	$4.99	$5.12	$5.26	$5.40	$5.53
Crystal River 4&5	CAPP	Low-Sulfur	Rail	12,500	1.6	10	0.110	0.10%	$3.26	$2.88	$3.40	$3.59	$3.72	$3.84	$3.98	$4.12	$4.27	$4.41	$4.52	$4.62	$4.81	$4.82	$5.00	$5.15	$5.34	$5.54	$5.74	$5.95	$5.93	$6.11	$6.26
Crystal River 4&5	CAPP	Low-Sulfur	Barge	12,500	1.67	10	0.110	0.10%	$3.00	$2.62	$3.12	$3.31	$3.53	$3.64	$4.01	$4.14	$4.31	$4.46	$4.57	$4.68	$5.14	$5.16	$5.34	$5.50	$5.70	$5.91	$6.11	$6.34	$6.32	$6.52	$6.67
Crystal River 4&5	ILB	Illinois	Rail	11,500	5	10	0.102	0.30%	$2.74	$2.70	$2.91	$2.96	$3.06	$3.16	$3.25	$3.37	$3.45	$3.56	$3.61	$3.55	$3.84	$3.99	$4.12	$4.25	$4.30	$4.41	$4.56	$4.68	$4.85	$4.98	$5.13
Crystal River 4&5	ILB	Illinois	Barge	11,500	5	10	0.102	0.15%	$2.30	$2.27	$2.45	$2.49	$2.69	$2.78	$3.11	$3.21	$3.31	$3.42	$3.47	$3.41	$3.99	$4.14	$4.28	$4.42	$4.47	$4.58	$4.73	$4.87	$5.03	$5.17	$5.32
Crystal River 4&5	ILB	Illinois	Rail	11,500	5	10	0.102	0.12%	$2.63	$2.65	$2.86	$2.90	$3.01	$3.11	$3.20	$3.31	$3.39	$3.50	$3.54	$3.49	$3.78	$3.92	$4.06	$4.19	$4.23	$4.34	$4.48	$4.61	$4.77	$4.91	$5.05
Crystal River 4&5	ILB	Illinois	Barge	11,000	6	10	0.102	0.10%	$2.25	$2.21	$2.39	$2.42	$2.63	$2.71	$3.05	$3.15	$3.24	$3.36	$3.40	$3.36	$3.94	$4.08	$4.22	$4.35	$4.40	$4.51	$4.66	$4.79	$4.95	$5.09	$5.23
Crystal River 4&5	ILB	Illinois	Rail	11,000	6	10	0.102	0.15%	$2.59	$2.62	$2.81	$2.86	$2.96	$3.06	$3.14	$3.25	$3.33	$3.44	$3.48	$3.43	$3.71	$3.85	$3.98	$4.10	$4.15	$4.25	$4.40	$4.52	$4.68	$4.81	$4.95
Crystal River 4&5	ILB	Illinois	Barge	11,800	4.5	10	0.102	0.20%	$2.29	$2.25	$2.43	$2.56	$2.78	$2.88	$3.21	$3.32	$3.42	$3.54	$3.58	$3.52	$4.11	$4.27	$4.41	$4.55	$4.60	$4.72	$4.88	$5.02	$5.19	$5.34	$5.49
Crystal River 4&5	ILB	Illinois	Barge	11,800	4.5	10	0.102	0.20%	$2.61	$2.58	$2.73	$2.85	$3.08	$3.18	$3.52	$3.63	$3.74	$3.87	$3.92	$3.87	$4.47	$4.63	$4.78	$4.93	$4.99	$5.11	$5.28	$5.43	$5.61	$5.77	$5.93
Crystal River 4&5	ILB	Low Chlorine	Barge	11,500	5.2	10	0.102	0.08%	$2.38	$2.37	$2.56	$2.70	$2.94	$3.04	$3.38	$3.49	$3.59	$3.72	$3.77	$3.71	$4.32	$4.48	$4.64	$4.78	$4.84	$4.96	$5.13	$5.28	$5.46	$5.61	$5.78
Crystal River 4&5	ILB	Low Chlorine	Rail	11,500	5.2	10	0.102	0.08%	$2.59	$2.59	$2.79	$2.94	$3.07	$3.18	$3.27	$3.39	$3.48	$3.60	$3.64	$3.57	$3.88	$4.04	$4.18	$4.32	$4.36	$4.47	$4.63	$4.77	$4.94	$5.08	$5.24
Crystal River 4&5	PRB	High-Btu Gillette	Rail	8,800	0.8	5	0.060	0.01%	$3.08	$3.10	$3.18	$3.28	$3.37	$3.45	$3.54	$3.64	$3.73	$3.83	$3.92	$4.02	$4.13	$4.23	$4.34	$4.45	$4.57	$4.66	$4.78	$4.91	$5.03	$5.17	$5.29
Crystal River 4&5	RM	Rockies	Rail	11,700	0.8	8	0.040	0.02%	$3.91	$3.98	$4.13	$4.21	$4.38	$4.51	$4.64	$4.71	$4.83	$4.96	$5.10	$5.21	$5.35	$5.50	$5.52	$5.66	$5.82	$5.98	$5.96	$6.13	$6.30	$6.48	$6.61

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Florida- Fall 2019 IRP Refresh Update - Coal No Carbon

CERA Fundamental Price Forecast*

Source File: Fuel-Forecast_Fall_2019_IHS_New ILB Source Tab: Coal Fall 2019

From: Andrew James via e-mail on 10/04/2019

* Internal escalation rate of 2.5% applied starting in 2041 due to escalation rate error in HIS supplied market update (per email from Mike Quinto received 4/25/19)

Updated: 10/7/2019 Tiffany Weir

Basin	Coal Type	FOB Point	Btu/lb	#SO2/MMBtu	%Ash	Avg Hg ppm (dry)	Chlorine % AR	INDEX	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050
								Inflator 2018 = 1.0>>>	1.000	1.020	1.047	1.073	1.095	1.117	1.139	1.161	1.184	1.207	1.231	1.256	1.281	1.307	1.334	1.360	1.388	1.416	1.444	1.473	1.502	1.531	2.500	2.500	2.500	2.500	2.500	2.500	2.500	2.500	2.500	2.500
NAPP	Pittsburgh Seam	Rail	13,000	4.0	8.0	0.122	0.10%	NAPP-Pitt-CSX/NS-MGA-13000-HS-4.0	$46.00	$45.49	$52.75	$52.16	$56.11	$55.63	$57.44	$60.38	$62.33	$64.36	$66.48	$67.50	$69.81	$73.47	$74.67	$77.25	$79.90	$77.50	$78.72	$81.11	$83.60	$86.18	$88.40	$90.81	$93.21	$95.57	$97.88	$100.20	$102.51	$104.80	$107.08	$109.35
NAPP	Pittsburgh Seam	Barge	13,000	4.0	8.0	0.122	0.10%	NAPP-Pitt-Barge-MonR-13000-HS-4.0	$46.00	$45.49	$52.75	$52.16	$56.11	$55.63	$57.44	$60.38	$62.33	$64.36	$66.48	$67.50	$69.81	$73.47	$74.67	$77.25	$79.90	$77.50	$78.72	$81.11	$83.60	$86.18	$88.40	$90.81	$93.21	$95.57	$97.88	$100.20	$102.51	$104.80	$107.08	$109.35
CAPP	Low-Sulfur	Rail	12,500	1.6	10.0	0.110	0.10%	CAPP-EKY-CSX-Big Sandy-12500-LS-1.6	$57.39	$47.68	$60.06	$64.45	$66.93	$69.35	$72.08	$75.06	$78.13	$81.19	$83.17	$85.13	$89.25	$88.98	$92.77	$95.94	$100.02	$104.28	$108.60	$113.26	$111.99	$115.83	$118.78	$121.38	$123.49	$126.33	$128.95	$131.50	$134.04	$136.67	$139.25	$141.83
CAPP	Low-Sulfur	Barge	12,500	1.6	10.0	0.110	0.10%	CAPP-EKY-Barge-BSR-12000-LS-1.6	$57.39	$47.68	$60.06	$64.45	$66.93	$69.35	$72.08	$75.06	$78.13	$81.19	$83.17	$85.13	$89.25	$88.98	$92.77	$95.94	$100.02	$104.28	$108.60	$113.26	$111.99	$115.83	$118.78	$121.38	$123.49	$126.33	$128.95	$131.50	$134.04	$136.67	$139.25	$141.83
ILB	Illinois	Rail	11,500	5.0	10.0	0.102	0.30%	ILLB-IL-Rail-South IL-11500-VH-5	$40.03	$39.17	$43.28	$43.87	$45.79	$47.39	$48.88	$50.82	$52.20	$54.28	$54.68	$52.87	$58.97	$61.71	$64.27	$66.62	$67.00	$68.89	$71.70	$74.01	$77.07	$79.50	$82.18	$84.78	$87.42	$89.95	$92.50	$95.02	$97.53	$99.99	$102.45	$104.88
ILB	Illinois	Barge	11,500	5.0	10.0	0.102	0.15%	ILLB-IL-Barge-OhioR-11500-XH-5	$40.03	$39.17	$43.28	$43.87	$45.79	$47.39	$48.88	$50.82	$52.20	$54.28	$54.68	$52.87	$58.97	$61.71	$64.27	$66.62	$67.00	$68.89	$71.70	$74.01	$77.07	$79.50	$82.18	$84.78	$87.42	$89.95	$92.50	$95.02	$97.53	$99.99	$102.45	$104.88
ILB	Illinois	Rail	11,500	5.0	10.0	0.102	0.12%	ILLB-IN-Rail-Sullivan-11500-VH-5	$40.03	$39.17	$43.28	$43.87	$45.79	$47.39	$48.88	$50.82	$52.20	$54.28	$54.68	$52.87	$58.97	$61.71	$64.27	$66.62	$67.00	$68.89	$71.70	$74.01	$77.07	$79.50	$82.18	$84.78	$87.42	$89.95	$92.50	$95.02	$97.53	$99.99	$102.45	$104.88
ILB	Illinois	Barge	11,000	6.0	10.0	0.102	0.10%	ILLB-WKY-Barge-OhioR-11000-XH-6	$36.58	$35.67	$39.41	$39.95	$41.69	$43.16	$44.51	$46.28	$47.53	$49.43	$49.79	$48.15	$53.70	$56.19	$58.53	$60.66	$61.01	$62.73	$65.29	$67.39	$70.18	$72.40	$74.83	$77.20	$79.61	$81.91	$84.23	$86.53	$88.81	$91.06	$93.29	$95.50
ILB	Illinois	Rail	11,000	6.0	10.0	0.102	0.15%	ILLB-IN-Rail-Sullivan-11000-XH-6	$36.58	$35.67	$39.41	$39.95	$41.69	$43.16	$44.51	$46.28	$47.53	$49.43	$49.79	$48.15	$53.70	$56.19	$58.53	$60.66	$61.01	$62.73	$65.29	$67.39	$70.18	$72.40	$74.83	$77.20	$79.61	$81.91	$84.23	$86.53	$88.81	$91.06	$93.29	$95.50
ILB	Illinois	Rail	11,000	6.0	10.0	0.102	0.15%	ILLB-IL-Rail-Central IL-11000-XH-6	$36.58	$35.67	$39.41	$39.95	$41.69	$43.16	$44.51	$46.28	$47.53	$49.43	$49.79	$48.15	$53.70	$56.19	$58.53	$60.66	$61.01	$62.73	$65.29	$67.39	$70.18	$72.40	$74.83	$77.20	$79.61	$81.91	$84.23	$86.53	$88.81	$91.06	$93.29	$95.50
ILB	Illinois	Barge	11,800	4.5	10.0	0.102	0.20%	ILLB-WKY-Barge-Green River-11800-XH-4.5	$41.15	$40.12	$44.24	$47.01	$49.63	$51.52	$53.14	$55.25	$56.75	$59.01	$59.45	$57.48	$64.11	$67.09	$69.87	$72.43	$72.84	$74.89	$77.95	$80.46	$83.79	$86.44	$89.34	$92.17	$95.04	$97.79	$100.57	$103.31	$106.03	$108.71	$111.38	$114.02
ILB	Illinois	Barge	11,800	4.5	10.0	0.102	0.20%	ILLB-WKY-Barge-OhioR-11800-XH-4.5	$41.15	$40.12	$44.24	$47.01	$49.63	$51.52	$53.14	$55.25	$56.75	$59.01	$59.45	$57.48	$64.11	$67.09	$69.87	$72.43	$72.84	$74.89	$77.95	$80.46	$83.79	$86.44	$89.34	$92.17	$95.04	$97.79	$100.57	$103.31	$106.03	$108.71	$111.38	$114.02
ILB	Low Chlorine	Barge	11,500	5.2	10.0	0.102	0.08%	ILLB-WKY-Barge-OhioR-11500-VH-5.2-LC-.8	$41.86	$41.59	$45.86	$48.72	$51.44	$53.40	$55.08	$57.27	$58.82	$61.17	$61.62	$59.58	$66.45	$69.54	$72.42	$75.07	$75.50	$77.63	$80.80	$83.40	$86.85	$89.59	$92.60	$95.53	$98.51	$101.36	$104.24	$107.08	$109.90	$112.68	$115.45	$118.18
ILB	Low Chlorine	Rail	11,500	5.2	10.0	0.102	0.08%	ILLB-WKY-CSX-WKY-11500-VH-5.2-LC-.8	$41.86	$41.59	$45.86	$48.72	$51.44	$53.40	$55.08	$57.27	$58.82	$61.17	$61.62	$59.58	$66.45	$69.54	$72.42	$75.07	$75.50	$77.63	$80.80	$83.40	$86.85	$89.59	$92.60	$95.53	$98.51	$101.36	$104.24	$107.08	$109.90	$112.68	$115.45	$118.18
PRB	High-Btu Gillette	Rail	8,800	0.8	5.0	0.060	0.01%	PRB-WY-BN/UP-Gillette-8800-CS-0.8	$12.21	$12.23	$12.52	$13.28	$13.76	$14.08	$14.58	$15.18	$15.82	$16.46	$17.14	$17.85	$18.60	$19.37	$20.18	$21.03	$21.91	$22.37	$23.30	$24.28	$25.30	$26.35	$27.27	$28.23	$29.21	$30.24	$31.30	$32.39	$33.52	$34.70	$35.91	$37.17
RM	Rockies	Rail	11,700	0.8	8.0	0.040	0.02%	Rockies-CO-UP-North Fork-11700-CS-.8	$32.54	$33.64	$35.71	$36.10	$38.56	$40.08	$41.66	$41.49	$43.09	$44.76	$46.52	$47.52	$49.43	$51.42	$50.25	$52.05	$54.14	$56.33	$54.14	$56.34	$58.64	$61.04	$62.29	$64.31	$66.26	$68.13	$69.87	$71.72	$73.54	$75.31	$77.07	$78.84
RM	Rockies	Barge	11,700	0.8	8.0	0.040	0.02%	Rockies-CO-UP-North Fork-11700-CS-.8	$32.54	$33.64	$35.71	$36.10	$38.56	$40.08	$41.66	$41.49	$43.09	$44.76	$46.52	$47.52	$49.43	$51.42	$50.25	$52.05	$54.14	$56.33	$54.14	$56.34	$58.64	$61.04	$62.29	$64.31	$66.26	$68.13	$69.87	$71.72	$73.54	$75.31	$77.07	$78.84

Price Forecast Received from Andrew James via e-mail on 9/17/19 (Nominal $/ton) **

Reviewed transportation delivery locations with Shawn Shultz, Manager Coal Transportation 10/2018

With ILB Curve Updates from NEW ILB file received 10/4

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CSX Rate Master Updated: 10/2/2019 tw **Post 2026 escalation:** 2.0% **Source:** \\cltpsmf02\fuelpur\PLANNING\IRP Refresh Files\2019 Fall IRP Refresh\Supporting Files\DEF Florida CSX Conventional Rail Rate Scenario_100219.xlsm

			CAPP					NAPP				ILB						Energy, CO	ConJunction, WY						
Key	Station	Year	Typo, KY	Resource, KY	Phillips, WV	Bull Creek 2, WV	Hutchinson, WV	Harrison Co, WV	Bailey Mine, PA	Marion Co, WV	Monongalia Co, WV	Evansville, IN	White Oak, IL	Oaktown,IN	Carlisle, IN	BearRun,IN	Cardinal 9, KY	CSX UP	CSX PRB	CSX CAPP Basin	CSX NAPP Basin	CSX ILB Basin	CSX CN Galatia	CSX Sullivan	CSX Western KY
Crystal River 4&5 2019	Crystal River 4&5	**2019**	$23.51	$20.13	$27.82	$24.57	$25.13	$28.51	$29.55	$26.09	$27.50	$21.29	$23.01	$21.31	$20.96	$22.83	$17.78	$58.88	$41.98	$24.23	$27.91	$21.20	$23.01	$20.40	$17.78
Crystal River 4&5 2020	Crystal River 4&5	2020	$23.51	$20.13	$27.82	$24.57	$25.13	$28.51	$29.55	$26.09	$27.50	$21.29	$23.01	$21.31	$20.96	$22.83	$17.94	$59.41	$42.36	$24.23	$27.91	$21.23	$23.01	$21.88	$17.94
Crystal River 4&5 2021	Crystal River 4&5	2021	$24.11	$20.65	$28.57	$25.21	$25.78	$29.24	$30.32	$26.75	$28.20	$21.84	$23.60	$21.84	$21.48	$23.39	$18.38	$60.85	$43.39	$24.86	$28.63	$21.75	$23.60	$22.43	$18.38
Crystal River 4&5 2022	Crystal River 4&5	2022	$24.62	$21.08	$29.10	$25.73	$26.31	$29.86	$30.93	$27.34	$28.81	$22.30	$24.10	$22.34	$21.99	$23.95	$18.82	$62.32	$44.44	$25.37	$29.23	$22.25	$24.10	$22.94	$18.82
Crystal River 4&5 2023	Crystal River 4&5	2023	$25.23	$21.60	$29.84	$26.37	$26.97	$30.60	$31.71	$28.01	$29.52	$22.86	$24.70	$22.89	$22.52	$24.53	$19.28	$63.83	$45.51	$26.00	$29.96	$22.80	$24.70	$23.50	$19.28
Crystal River 4&5 2024	Crystal River 4&5	2024	$25.88	$22.16	$30.64	$27.06	$27.67	$31.39	$32.54	$28.72	$30.27	$23.45	$25.33	$23.46	$23.07	$25.13	$19.74	$65.38	$46.61	$26.68	$30.73	$23.36	$25.33	$24.09	$19.74
Crystal River 4&5 2025	Crystal River 4&5	2025	$26.52	$22.71	$31.41	$27.73	$28.35	$32.16	$33.35	$29.43	$31.02	$24.03	$25.96	$24.03	$23.63	$25.74	$20.22	$66.96	$47.74	$27.35	$31.49	$23.93	$25.96	$24.68	$20.22
Crystal River 4&5 2026	Crystal River 4&5	2026	$27.19	$23.28	$32.20	$28.42	$29.06	$32.97	$34.19	$30.16	$31.80	$24.63	$26.61	$24.63	$24.23	$26.38	$20.73	$68.64	$48.94	$28.03	$32.28	$24.53	$26.61	$25.29	$20.73
Crystal River 4&5 2027	Crystal River 4&5	2027	$27.73	$23.75	$32.84	$28.99	$29.64	$33.63	$34.87	$30.76	$32.43	$25.12	$27.14	$25.12	$24.71	$26.91	$21.14	$70.01	$49.92	$28.59	$32.92	$25.02	$27.14	$25.80	$21.14
Crystal River 4&5 2028	Crystal River 4&5	2028	$28.28	$24.22	$33.50	$29.57	$30.24	$34.30	$35.57	$31.38	$33.08	$25.62	$27.68	$25.63	$25.20	$27.45	$21.56	$71.41	$50.91	$29.16	$33.58	$25.52	$27.68	$26.32	$21.56
Crystal River 4&5 2029	Crystal River 4&5	2029	$28.85	$24.71	$34.17	$30.16	$30.84	$34.99	$36.28	$32.01	$33.74	$26.13	$28.24	$26.14	$25.71	$27.99	$21.99	$72.84	$51.93	$29.75	$34.25	$26.03	$28.24	$26.84	$21.99
Crystal River 4&5 2030	Crystal River 4&5	2030	$29.43	$25.20	$34.85	$30.76	$31.46	$35.69	$37.00	$32.65	$34.42	$26.66	$28.80	$26.66	$26.22	$28.55	$22.43	$74.29	$52.97	$30.34	$34.94	$26.56	$28.80	$27.38	$22.43
Crystal River 4&5 2031	Crystal River 4&5	2031	$30.02	$25.70	$35.55	$31.38	$32.09	$36.40	$37.74	$33.30	$35.10	$27.19	$29.38	$27.20	$26.75	$29.13	$22.88	$75.78	$54.03	$30.95	$35.64	$27.09	$29.38	$27.93	$22.88
Crystal River 4&5 2032	Crystal River 4&5	2032	$30.62	$26.22	$36.26	$32.01	$32.73	$37.13	$38.50	$33.97	$35.81	$27.73	$29.96	$27.74	$27.28	$29.71	$23.34	$77.30	$55.11	$31.57	$36.35	$27.63	$29.96	$28.49	$23.34
Crystal River 4&5 2033	Crystal River 4&5	2033	$31.23	$26.74	$36.99	$32.65	$33.38	$37.87	$39.27	$34.65	$36.52	$28.29	$30.56	$28.29	$27.83	$30.30	$23.81	$78.84	$56.21	$32.20	$37.08	$28.18	$30.56	$29.06	$23.81
Crystal River 4&5 2034	Crystal River 4&5	2034	$31.85	$27.28	$37.73	$33.30	$34.05	$38.63	$40.05	$35.34	$37.25	$28.85	$31.18	$28.86	$28.38	$30.91	$24.28	$80.42	$57.34	$32.84	$37.82	$28.74	$31.18	$29.64	$24.28
Crystal River 4&5 2035	Crystal River 4&5	2035	$32.49	$27.82	$38.48	$33.97	$34.73	$39.40	$40.86	$36.05	$38.00	$29.43	$31.80	$29.44	$28.95	$31.53	$24.77	$82.03	$58.48	$33.50	$38.57	$29.32	$31.80	$30.23	$24.77
Crystal River 4&5 2036	Crystal River 4&5	2036	$33.14	$28.38	$39.25	$34.65	$35.43	$40.19	$41.67	$36.77	$38.76	$30.02	$32.43	$30.03	$29.53	$32.16	$25.27	$83.67	$59.65	$34.17	$39.35	$29.91	$32.43	$30.83	$25.27
Crystal River 4&5 2037	Crystal River 4&5	2037	$33.80	$28.95	$40.04	$35.34	$36.14	$40.99	$42.51	$37.50	$39.53	$30.62	$33.08	$30.63	$30.12	$32.80	$25.77	$85.34	$60.85	$34.85	$40.13	$30.50	$33.08	$31.45	$25.77
Crystal River 4&5 2038	Crystal River 4&5	2038	$34.48	$29.53	$40.84	$36.05	$36.86	$41.81	$43.36	$38.25	$40.32	$31.23	$33.75	$31.24	$30.72	$33.46	$26.29	$87.05	$62.06	$35.55	$40.94	$31.11	$33.75	$32.08	$26.29
Crystal River 4&5 2039	Crystal River 4&5	2039	$35.17	$30.12	$41.65	$36.77	$37.60	$42.65	$44.22	$39.02	$41.13	$31.86	$34.42	$31.86	$31.34	$34.13	$26.81	$88.79	$63.30	$36.26	$41.75	$31.74	$34.42	$32.72	$26.81
Crystal River 4&5 2040	Crystal River 4&5	2040	$35.87	$30.72	$42.49	$37.50	$38.35	$43.50	$45.11	$39.80	$41.95	$32.49	$35.11	$32.50	$31.97	$34.81	$27.35	$90.56	$64.57	$36.98	$42.59	$32.37	$35.11	$33.38	$27.35
Crystal River 4&5 2041	Crystal River 4&5	2041	$36.59	$31.33	$43.34	$38.25	$39.11	$44.37	$46.01	$40.59	$42.79	$33.14	$35.81	$33.15	$32.60	$35.50	$27.89	$92.38	$65.86	$37.72	$43.44	$33.02	$35.81	$34.04	$27.89
Crystal River 4&5 2042	Crystal River 4&5	2042	$37.32	$31.96	$44.20	$39.02	$39.90	$45.26	$46.93	$41.40	$43.65	$33.81	$36.53	$33.81	$33.26	$36.21	$28.45	$94.22	$67.18	$38.48	$44.31	$33.68	$36.53	$34.72	$28.45
Crystal River 4&5 2043	Crystal River 4&5	2043	$38.07	$32.60	$45.09	$39.80	$40.69	$46.16	$47.87	$42.23	$44.52	$34.48	$37.26	$34.49	$33.92	$36.94	$29.02	$96.11	$68.52	$39.25	$45.20	$34.35	$37.26	$35.42	$29.02
Crystal River 4&5 2044	Crystal River 4&5	2044	$38.83	$33.25	$45.99	$40.59	$41.51	$47.09	$48.83	$43.08	$45.41	$35.17	$38.00	$35.18	$34.60	$37.68	$29.60	$98.03	$69.89	$40.03	$46.10	$35.04	$38.00	$36.13	$29.60
Crystal River 4&5 2045	Crystal River 4&5	2045	$39.60	$33.92	$46.91	$41.40	$42.34	$48.03	$49.80	$43.94	$46.32	$35.88	$38.76	$35.88	$35.29	$38.43	$30.19	$99.99	$71.29	$40.83	$47.02	$35.74	$38.76	$36.85	$30.19
Crystal River 4&5 2046	Crystal River 4&5	2046	$40.40	$34.59	$47.85	$42.23	$43.19	$48.99	$50.80	$44.82	$47.25	$36.59	$39.54	$36.60	$36.00	$39.20	$30.80	$101.99	$72.72	$41.65	$47.96	$36.45	$39.54	$37.59	$30.80
Crystal River 4&5 2047	Crystal River 4&5	2047	$41.20	$35.29	$48.80	$43.08	$44.05	$49.97	$51.81	$45.71	$48.19	$37.32	$40.33	$37.33	$36.72	$39.98	$31.41	$104.03	$74.17	$42.48	$48.92	$37.18	$40.33	$38.34	$31.41
Crystal River 4&5 2048	Crystal River 4&5	2048	$42.03	$35.99	$49.78	$43.94	$44.93	$50.97	$52.85	$46.63	$49.15	$38.07	$41.14	$38.08	$37.45	$40.78	$32.04	$106.11	$75.65	$43.33	$49.90	$37.93	$41.14	$39.10	$32.04
Crystal River 4&5 2049	Crystal River 4&5	2049	$42.87	$36.71	$50.78	$44.82	$45.83	$51.99	$53.91	$47.56	$50.14	$38.83	$41.96	$38.84	$38.20	$41.60	$32.68	$108.23	$77.17	$44.20	$50.90	$38.69	$41.96	$39.89	$32.68
Crystal River 4&5 2050	Crystal River 4&5	2050	$43.73	$37.45	$51.79	$45.71	$46.75	$53.03	$54.99	$48.51	$51.14	$39.61	$42.80	$39.62	$38.97	$42.43	$33.34	$110.40	$78.71	$45.08	$51.92	$39.46	$42.80	$40.68	$33.34

Misc Rates

5 Year Escalation Rate 2.0%

Base Rail Rates ($/ton)

	Cora	Cook	Calvert City	Houston	Crystal River
Twenty Mile	$29.00	$30.75	$32.00	$34.25	$58.25
West Elk	$30.50	$32.25	$33.50	$35.75	$59.25
Bowie	$30.50	$32.25	$33.50	$35.75	$59.25

Total Rate ($/ton)

	Cora	Cook	Calvert City	Houston	Crystal River
Twenty Mile	$30.92	$32.86	$34.16	$36.65	$62.87
West Elk	$32.58	$34.49	$35.82	$38.31	$64.09
Bowie	$32.58	$34.49	$35.82	$38.31	$64.09

Mileage

	Cora	Cook	Calvert City	Houston	Crystal River
Twenty Mile	1203	1321	1349	1500	2100
West Elk	1300	1400	1450	1600	2200
Bowie	1300	1400	1450	1600	2200

UP 0.16 $/ton-mile HDF Price

CSX 0.22 $/ton-mile 2.858 $/gallon

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Barge Rate Master Updated: 10/2/2019 tw **Post 2024 escalation:** 2.0% **Source:** \\cltpsmf02\FuelPUR\Planning\IRP Refresh Files\Fall 2019 IRP Refresh\Supporting Files\Fall 2019 FLORIDA BARGE FOF_Working File_Fixed Costs Removed through 202

Key	Station2	Year	Barge CAPP Basin	Barge NAPP Pitt 8	Barge NAPP OH MP100	Barge ILB Green River	Barge ILB OH River	Barge UP RM to Convent	Mt Vernon	Calvert City
Crystal River 4&5 2019	Crystal River 4&5	2019	$17.67	$22.29	$18.67	$20.46	$12.83	$51.92	$12.20	$13.55
Crystal River 4&5 2020	Crystal River 4&5	2020	$17.90	$22.58	$18.90	$20.72	$12.99	$53.46	$12.36	$13.73
Crystal River 4&5 2021	Crystal River 4&5	2021	$18.05	$22.77	$19.06	$20.22	$13.10	$54.56	$12.46	$13.84
Crystal River 4&5 2022	Crystal River 4&5	2022	$18.42	$23.24	$19.46	$20.15	$13.37	$55.48	$12.72	$14.13
Crystal River 4&5 2023	Crystal River 4&5	2023	$21.26	$26.18	$22.32	$23.03	$16.10	$56.57	$17.87	$19.31
Crystal River 4&5 2024	Crystal River 4&5	2024	$21.71	$26.74	$22.79	$23.52	$16.44	$57.74	$18.25	$19.72
Crystal River 4&5 2025	Crystal River 4&5	2025	$28.06	$33.19	$29.16	$29.90	$22.67	$64.83	$30.40	$31.90
Crystal River 4&5 2026	Crystal River 4&5	2026	$28.51	$33.77	$29.64	$30.40	$23.00	$66.03	$30.69	$32.23
Crystal River 4&5 2027	Crystal River 4&5	2027	$29.51	$34.91	$30.67	$31.45	$23.85	$67.64	$31.98	$33.56
Crystal River 4&5 2028	Crystal River 4&5	2028	$30.27	$35.82	$31.46	$32.26	$24.45	$69.00	$32.74	$34.36
Crystal River 4&5 2029	Crystal River 4&5	2029	$31.05	$36.76	$32.28	$33.10	$25.07	$70.38	$33.52	$35.18
Crystal River 4&5 2030	Crystal River 4&5	2030	$31.80	$37.66	$33.06	$33.90	$25.67	$71.78	$34.28	$35.99
Crystal River 4&5 2031	Crystal River 4&5	2031	$39.14	$45.12	$40.43	$41.29	$32.88	$79.90	$48.34	$50.09
Crystal River 4&5 2032	Crystal River 4&5	2032	$39.99	$46.10	$41.30	$42.18	$33.60	$81.55	$49.42	$51.20
Crystal River 4&5 2033	Crystal River 4&5	2033	$40.79	$47.03	$42.13	$43.03	$34.27	$83.16	$50.38	$52.20
Crystal River 4&5 2034	Crystal River 4&5	2034	$41.61	$47.97	$42.98	$43.90	$34.95	$84.79	$51.35	$53.21
Crystal River 4&5 2035	Crystal River 4&5	2035	$42.52	$49.02	$43.92	$44.85	$35.72	$86.55	$52.50	$54.40
Crystal River 4&5 2036	Crystal River 4&5	2036	$43.36	$50.00	$44.79	$45.75	$36.42	$88.25	$53.51	$55.45
Crystal River 4&5 2037	Crystal River 4&5	2037	$44.24	$51.01	$45.70	$46.67	$37.15	$89.98	$54.55	$56.53
Crystal River 4&5 2038	Crystal River 4&5	2038	$45.22	$52.14	$46.70	$47.70	$37.97	$91.84	$55.78	$57.80
Crystal River 4&5 2039	Crystal River 4&5	2039	$46.13	$53.20	$47.65	$48.67	$38.73	$93.64	$56.86	$58.93
Crystal River 4&5 2040	Crystal River 4&5	2040	$47.06	$54.28	$48.61	$49.65	$39.50	$95.49	$57.97	$60.08
Crystal River 4&5 2041	Crystal River 4&5	2041	$47.93	$55.25	$49.50	$50.56	$40.25	$97.46	$59.16	$61.30
Crystal River 4&5 2042	Crystal River 4&5	2042	$48.91	$56.40	$50.52	$51.60	$41.07	$99.37	$60.32	$62.50
Crystal River 4&5 2043	Crystal River 4&5	2043	$49.92	$57.57	$51.56	$52.66	$41.90	$101.33	$61.50	$63.74
Crystal River 4&5 2044	Crystal River 4&5	2044	$50.85	$58.63	$52.53	$53.65	$42.71	$103.42	$62.77	$65.04
Crystal River 4&5 2045	Crystal River 4&5	2045	$51.93	$59.88	$53.64	$54.79	$43.61	$105.49	$64.07	$66.39
Crystal River 4&5 2046	Crystal River 4&5	2046	$52.84	$60.91	$54.58	$55.74	$44.39	$107.60	$65.26	$67.62
Crystal River 4&5 2047	Crystal River 4&5	2047	$53.95	$62.20	$55.73	$56.92	$45.32	$109.75	$66.61	$69.01
Crystal River 4&5 2048	Crystal River 4&5	2048	$55.09	$63.52	$56.90	$58.12	$46.27	$111.95	$67.98	$70.44
Crystal River 4&5 2049	Crystal River 4&5	2049	$56.04	$64.60	$57.88	$59.12	$47.08	$114.19	$69.24	$71.73
Crystal River 4&5 2050	Crystal River 4&5	2050	$57.22	$65.97	$59.10	$60.36	$48.07	$116.47	$70.66	$73.21

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Rail Assumptions

1) CSX CAPP, NAPP, ILB and Western PRB/RM rates updated based on CSX indicitive bid received 8/2019
2) CSX West Kentucky equals CSX indicitive bid received 8/2019 for Cardinal 9, KY
3) CSX Galatia rate equals CSX indicitive bid received 8/2019 for White Oak
4) CSX Sullivan rate equals average CSX indicitive bid for ILB excluding Cardinal 9, KY received 8/2019
9) CSX UP (RM) equals CSX indicitive bid received 8/2019 including BSNF piece
10) CSX PRB equals CSX indicitive bid received 8/2019 including BSNF piece
11) Delivery of ILB 11,000 6# would typically be out of Central IL. ILB 11,000 6# transportation selection of CSX Sullivan based off of Peabody Bear Run 2017 Fall Term RFP offer. However, Station can not currently do a rail direct move as there is no on-site blending capabilities which would be needed to meet SO2 constraints

Barge Assumptions

12) Barge UP RM to Convent rate is the current UP agreement through 9/18 escalated at 5% (with Fuel Surcharge calculations based on COB 9/12/19 WTI fuel pricing), plus the current rates for the Convent Terminal fees which expired 12/31/18 escalated at 2% and Gulf Barge rates through 12/18 escalating 2% annually starting Jan 2025 through 2050.
13) Delivery of 11,800 4.5# coals would typically be off the Green River. Currently have a contract delivering off the Ohio.
14) ILB 11,000 6# transportation selection of OH River based off of Peabody bids going through Cora Terminal
15) Fixed cross-gulf costs excluded from transportation rates through FOF study period, Fees for one cross-gulf barge added 1/1/25. Second cross-gulf barge added 1/1/31. Variable cost to mid-stream coal from the river to the gulf is included starting 1/1/23 and is based off the current AT rate escalated at 2%. Mirrors current FOF assumptions.

Current FOF Gulf Barge assumptions: Margo Dale terminated 12/31/20, Winna Wilson assumed in-service through 12/31/23

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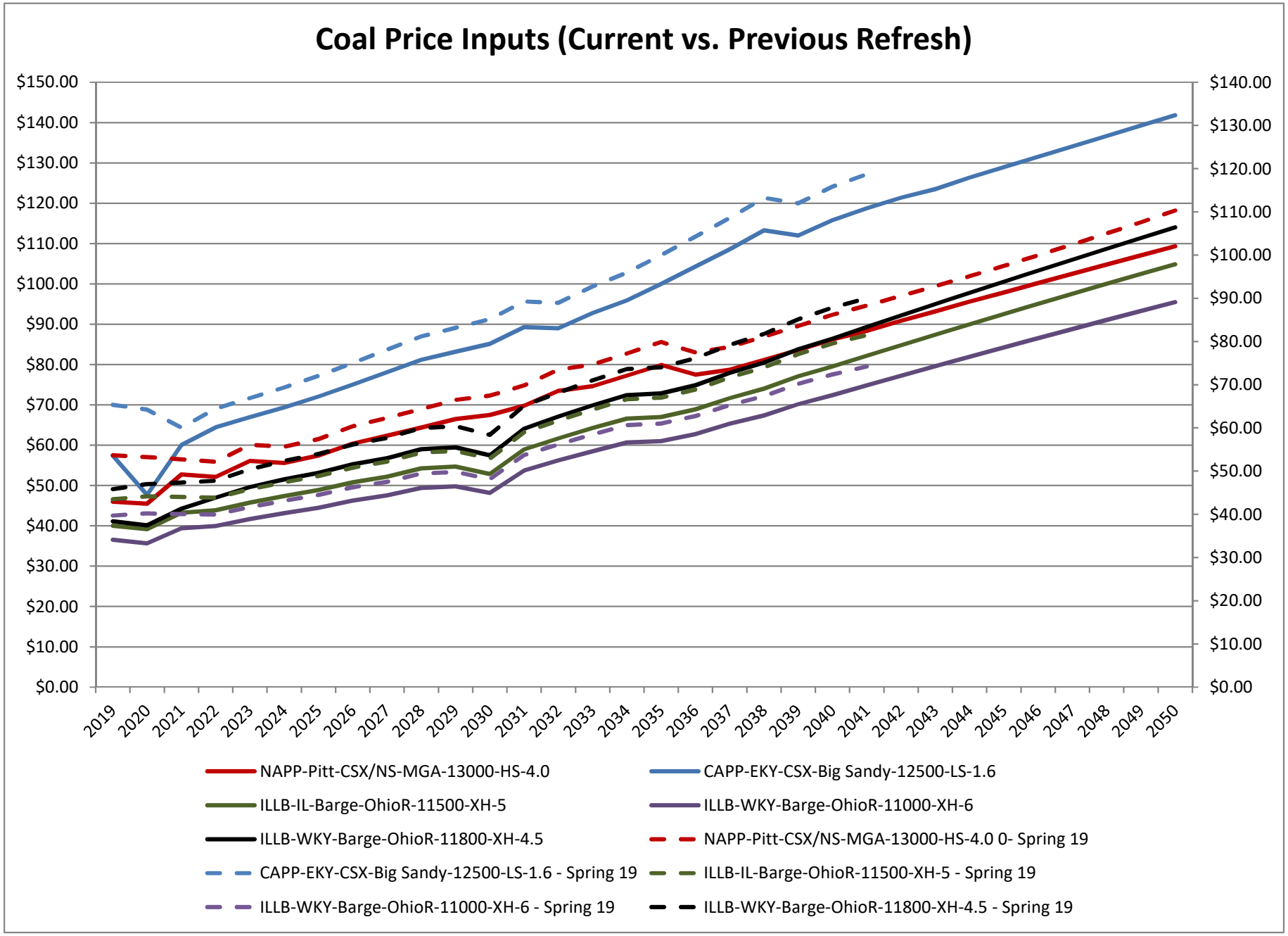

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Florida- Spring 2019 IRP Refresh Update - Coal No Carbon

CERA Fundamental Price Forecast*

Source File: Fuel-Forecast_Spring_2019_IHS_03292019 Source Tab: Coal Spring 2019

From: Andrew James via e-mail on 3/29/2019 at 12:13 p.m

* Internal escalation rate of 2.5% applied starting in 2041 due to escalation rate error in HIS supplied market update (per email from Mike Quinto received 4/25/19)

Updated: 4/29/2019 Tiffany Weir

Basin	Coal Type	FOB Point	Btu/lb	#SO2/MMBtu	%Ash	Avg Hg ppm (dry)	Chlorine % AR	INDEX	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050
								Inflator 2018 = 1.0>>>	1.000	1.020	1.047	1.073	1.095	1.117	1.139	1.161	1.184	1.207	1.231	1.256	1.281	1.307	1.334	1.360	1.388	1.416	1.444	1.473	1.502	1.531	2.500	2.500	2.500	2.500	2.500	2.500	2.500	2.500	2.500	2.500
NAPP	Pittsburgh Seam	Rail	13,000	4.0	8.0	0.122	0.10%	NAPP-Pitt-CSX/NS-MGA-13000-HS-4.0 0- Spring 19	$53.67	$53.25	$52.75	$52.16	$56.11	$55.63	$57.44	$60.38	$62.33	$64.36	$66.48	$67.50	$69.81	$73.47	$74.67	$77.25	$79.90	$77.50	$78.72	$81.11	$83.60	$86.18	$88.34	$90.54	$92.81	$95.13	$97.51	$99.94	$102.44	$105.00	$107.63	$110.32
NAPP	Pittsburgh Seam	Barge	13,000	4.0	8.0	0.122	0.10%	NAPP-Pitt-Barge-MonR-13000-HS-4.0 - Spring 19	$53.67	$53.25	$52.75	$52.16	$56.11	$55.63	$57.44	$60.38	$62.33	$64.36	$66.48	$67.50	$69.81	$73.47	$74.67	$77.25	$79.90	$77.50	$78.72	$81.11	$83.60	$86.18	$88.34	$90.54	$92.81	$95.13	$97.51	$99.94	$102.44	$105.00	$107.63	$110.32
CAPP	Low-Sulfur	Rail	12,500	1.6	10.0	0.110	0.10%	CAPP-EKY-CSX-Big Sandy-12500-LS-1.6 - Spring 19	$65.33	$64.27	$60.06	$64.45	$66.93	$69.35	$72.08	$75.06	$78.13	$81.19	$83.17	$85.13	$89.25	$88.98	$92.77	$95.94	$100.02	$104.28	$108.60	$113.26	$111.99	$115.83	$118.73	$121.69	$124.74	$127.85	$131.05	$134.33	$137.69	$141.13	$144.66	$148.27
CAPP	Low-Sulfur	Barge	12,500	1.6	10.0	0.110	0.10%	CAPP-EKY-Barge-BSR-12000-LS-1.6 - Spring 19	$65.33	$64.27	$60.06	$64.45	$66.93	$69.35	$72.08	$75.06	$78.13	$81.19	$83.17	$85.13	$89.25	$88.98	$92.77	$95.94	$100.02	$104.28	$108.60	$113.26	$111.99	$115.83	$118.73	$121.69	$124.74	$127.85	$131.05	$134.33	$137.69	$141.13	$144.66	$148.27
ILB	Illinois	Rail	11,500	5.0	10.0	0.102	0.30%	ILLB-IL-Rail-South IL-11500-VH-5 - Spring 19	$43.48	$44.19	$44.01	$43.87	$45.79	$47.39	$48.88	$50.82	$52.20	$54.28	$54.68	$52.87	$58.97	$61.71	$64.27	$66.62	$67.00	$68.89	$71.70	$74.01	$77.07	$79.50	$81.49	$83.53	$85.62	$87.76	$89.95	$92.20	$94.51	$96.87	$99.29	$101.77
ILB	Illinois	Barge	11,500	5.0	10.0	0.102	0.15%	ILLB-IL-Barge-OhioR-11500-VH-5 - Spring 19	$43.48	$44.19	$44.01	$43.87	$45.79	$47.39	$48.88	$50.82	$52.20	$54.28	$54.68	$52.87	$58.97	$61.71	$64.27	$66.62	$67.00	$68.89	$71.70	$74.01	$77.07	$79.50	$81.49	$83.53	$85.62	$87.76	$89.95	$92.20	$94.51	$96.87	$99.29	$101.77
ILB	Illinois	Rail	11,500	5.0	10.0	0.102	0.12%	ILLB-IN-Rail-Sullivan-11500-VH-5 - Spring 19	$43.48	$44.19	$44.01	$43.87	$45.79	$47.39	$48.88	$50.82	$52.20	$54.28	$54.68	$52.87	$58.97	$61.71	$64.27	$66.62	$67.00	$68.89	$71.70	$74.01	$77.07	$79.50	$81.49	$83.53	$85.62	$87.76	$89.95	$92.20	$94.51	$96.87	$99.29	$101.77
ILB	Illinois	Barge	11,000	6.0	10.0	0.102	0.10%	ILLB-WKY-Barge-OhioR-11000-XH-6 - Spring 19	$39.73	$40.24	$40.08	$39.95	$41.69	$43.16	$44.51	$46.28	$47.53	$49.43	$49.79	$48.15	$53.70	$56.19	$58.53	$60.66	$61.01	$62.73	$65.29	$67.39	$70.18	$72.40	$74.21	$76.06	$77.97	$79.91	$81.91	$83.96	$86.06	$88.21	$90.42	$92.68
ILB	Illinois	Rail	11,000	6.0	10.0	0.102	0.15%	ILLB-IN-Rail-Sullivan-11000-XH-6 - Spring 19	$39.73	$40.24	$40.08	$39.95	$41.69	$43.16	$44.51	$46.28	$47.53	$49.43	$49.79	$48.15	$53.70	$56.19	$58.53	$60.66	$61.01	$62.73	$65.29	$67.39	$70.18	$72.40	$74.21	$76.06	$77.97	$79.91	$81.91	$83.96	$86.06	$88.21	$90.42	$92.68
ILB	Illinois	Rail	11,000	6.0	10.0	0.102	0.15%	ILLB-IL-Rail-Central IL-11000-XH-6 - Spring 19	$39.73	$40.24	$40.08	$39.95	$41.69	$43.16	$44.51	$46.28	$47.53	$49.43	$49.79	$48.15	$53.70	$56.19	$58.53	$60.66	$61.01	$62.73	$65.29	$67.39	$70.18	$72.40	$74.21	$76.06	$77.97	$79.91	$81.91	$83.96	$86.06	$88.21	$90.42	$92.68
ILB	Illinois	Barge	11,800	4.5	10.0	0.102	0.20%	ILLB-WKY-Barge-Green River-11800-XH-4.5 - Spring 19	$45.83	$46.98	$47.36	$47.77	$50.43	$52.36	$54.00	$56.15	$57.67	$59.97	$60.41	$58.42	$65.15	$68.18	$71.01	$73.60	$74.02	$76.11	$79.22	$81.77	$85.15	$87.84	$90.04	$92.29	$94.59	$96.96	$99.38	$101.87	$104.41	$107.02	$109.70	$112.44
ILB	Illinois	Barge	11,800	4.5	10.0	0.102	0.20%	ILLB-WKY-Barge-OhioR-11800-XH-4.5 - Spring 19	$45.83	$46.98	$47.36	$47.77	$50.43	$52.36	$54.00	$56.15	$57.67	$59.97	$60.41	$58.42	$65.15	$68.18	$71.01	$73.60	$74.02	$76.11	$79.22	$81.77	$85.15	$87.84	$90.04	$92.29	$94.59	$96.96	$99.38	$101.87	$104.41	$107.02	$109.70	$112.44
ILB	Low Chlorine	Barge	11,500	5.2	10.0	0.102	0.08%	ILLB-WKY-Barge-OhioR-11500-VH-5.2-LC-.8 - Spring 19	$45.83	$46.98	$47.36	$47.77	$50.43	$52.36	$54.00	$56.15	$57.67	$59.97	$60.41	$58.42	$65.15	$68.18	$71.01	$73.60	$74.02	$76.11	$79.22	$81.77	$85.15	$87.84	$90.04	$92.29	$94.59	$96.96	$99.38	$101.87	$104.41	$107.02	$109.70	$112.44
ILB	Low Chlorine	Rail	11,500	5.2	10.0	0.102	0.08%	ILLB-WKY-CSX-WKY-11500-VH-5.2-LC-.8 - Spring 19	$45.83	$46.98	$47.36	$47.77	$50.43	$52.36	$54.00	$56.15	$57.67	$59.97	$60.41	$58.42	$65.15	$68.18	$71.01	$73.60	$74.02	$76.11	$79.22	$81.77	$85.15	$87.84	$90.04	$92.29	$94.59	$96.96	$99.38	$101.87	$104.41	$107.02	$109.70	$112.44
PRB	High-Btu Gillette	Rail	8,800	0.8	5.0	0.060	0.01%	PRB-WY-BN/UP-Gillette-8800-CS-0.8 - Spring 19	$12.20	$12.19	$12.25	$13.64	$14.21	$14.58	$15.10	$15.72	$16.36	$17.04	$17.74	$18.49	$19.28	$20.09	$20.95	$21.85	$22.78	$23.27	$24.27	$25.31	$26.40	$27.53	$28.22	$28.93	$29.65	$30.39	$31.15	$31.93	$32.73	$33.55	$34.38	$35.24
RM	Rockies	Rail	11,700	0.8	8.0	0.040	0.02%	Rockies-CO-UP-North Fork-11700-CS-.8 - Spring 19	$33.38	$33.64	$35.71	$36.10	$38.56	$40.08	$41.66	$41.49	$43.09	$44.76	$46.52	$47.52	$49.43	$51.42	$50.25	$52.05	$54.14	$56.33	$54.14	$56.34	$58.64	$61.04	$62.56	$64.13	$65.73	$67.37	$69.06	$70.79	$72.56	$74.37	$76.23	$78.13
RM	Rockies	Barge	11,700	0.8	8.0	0.040	0.02%	Rockies-CO-UP-North Fork-11700-CS-.8 - Spring 19	$33.38	$33.64	$35.71	$36.10	$38.56	$40.08	$41.66	$41.49	$43.09	$44.76	$46.52	$47.52	$49.43	$51.42	$50.25	$52.05	$54.14	$56.33	$54.14	$56.34	$58.64	$61.04	$62.56	$64.13	$65.73	$67.37	$69.06	$70.79	$72.56	$74.37	$76.23	$78.13

Price Forecast Received from Andrew James via e-mail on 3/29/19 at 12:13 p.m. (Nominal $/ton) **

Reviewed transportation delivery locations with Shawn Shultz, Manager Coal Transportatior

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	2022 CEC Units										2023 CEC Units										2024 CEC Units										Solar Generation Capital	Solar Transmission Capital	Solar PDM
	Capital RR	Property Taxes	Insurance	Capital Lease	O&M	Transm Cap RR	Transm Prop Tx	Transm Prop Ins	Total RR	Total RR	Capital RR	Property Taxes	Insurance	Capital Lease	O&M	Transm Cap RR	Transm Prop Tx	Transm Prop Ins	Total RR	Total RR	Capital RR	Property Taxes	Insurance	Capital Lease	O&M	Transm Cap RR	Transm Prop Tx	Transm Prop Ins	Total RR	Total RR			
2020	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
2022	25,308	689	250	804	1,228	2,396	159	26	30,858	30,858	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2022			
2023	23,804	668	258	820	1,246	2,326	159	27	29,306	29,306	46,812	1,278	464	1,630	2,494	4,703	324	51	57,765	57,765	-	-	-	-	-	-	-	-	-	-	2023	27,050	2,580	1,278
2024	22,312	654	266	836	1,274	2,249	159	27	27,776	27,776	43,957	1,239	478	1,672	2,531	4,565	324	52	54,818	54,818	44,668	1,227	446	1,672	2,536	4,797	330	52	55,727	55,727	2024	110,437	12,554	6,341
2025	21,210	633	273	853	1,304	2,176	159	28	26,635	26,635	41,125	1,213	493	1,705	2,589	4,410	324	54	51,913	51,913	41,826	1,190	459	1,705	2,573	4,656	330	53	52,793	52,793	2025	112,685	12,190	6,466
2026	20,269	611	282	870	1,344	2,106	159	29	25,670	25,670	39,044	1,174	507	1,740	2,649	4,264	324	55	49,757	49,757	39,008	1,165	473	1,740	2,633	4,468	330	55	49,901	49,901	2026	106,883	11,821	6,625
2027	17,102	590	291	887	1,478	2,040	159	30	22,577	22,577	33,106	1,135	523	1,774	2,730	4,126	324	57	43,775	43,775	35,203	1,127	487	1,774	2,694	4,349	330	56	46,021	46,021	2027	84,001	11,471	6,901
2028	16,488	569	299	905	1,513	1,976	159	31	21,940	21,940	31,552	1,096	539	1,810	2,999	3,994	324	59	42,372	42,372	33,470	1,089	502	1,810	2,776	4,208	330	58	44,244	44,244	2028	80,130	11,139	7,188
2029	15,985	548	309	923	1,548	1,913	159	32	21,417	21,417	30,412	1,056	556	1,846	3,070	3,868	324	61	41,192	41,192	31,955	1,052	518	1,846	3,046	4,074	330	60	42,881	42,881	2029	87,005	10,920	7,665
2030	15,483	527	318	941	1,585	1,850	159	33	20,896	20,896	29,487	1,017	573	1,883	3,143	3,743	324	62	40,231	40,231	30,863	1,014	534	1,883	3,119	3,945	330	62	41,749	41,749	2030	84,523	10,507	7,846
2031	14,997	499	328	960	1,632	1,787	159	34	20,396	20,396	28,564	978	590	1,921	3,217	3,617	324	64	39,276	39,276	29,989	977	550	1,921	3,193	3,817	330	64	40,840	40,840	2031	82,275	10,196	8,042
2032	14,505	478	338	980	1,660	1,724	159	35	19,878	19,878	27,674	926	609	1,959	3,313	3,492	324	66	38,364	38,364	29,119	939	567	1,959	3,268	3,690	330	65	39,937	39,937	2032	80,053	9,885	8,241
2033	14,004	450	349	999	1,699	1,661	159	36	19,357	19,357	26,771	887	628	1,998	3,370	3,367	324	68	37,413	37,413	28,280	889	585	1,998	3,365	3,562	330	67	39,078	39,078	2033	77,839	9,575	8,435
2034	13,504	422	360	1,019	1,739	1,598	159	37	18,837	18,837	25,851	835	647	2,038	3,449	3,242	324	70	36,457	36,457	27,429	851	603	2,038	3,424	3,435	330	69	38,180	38,180	2034	75,598	9,264	8,632
2035	13,005	394	371	1,039	1,865	1,535	159	38	18,405	18,405	24,913	783	667	2,079	3,530	3,117	324	72	35,505	35,505	26,561	801	622	2,079	3,504	3,307	330	72	37,277	37,277	2035	73,333	8,954	8,839
2036	12,523	365	383	1,060	1,831	1,472	159	39	17,832	17,832	24,015	730	688	2,121	3,783	2,992	324	74	34,727	34,727	25,695	751	641	2,121	3,587	3,179	330	74	36,378	36,378	2036	71,092	8,643	9,201
2037	12,033	337	394	1,081	1,864	1,416	159	40	17,326	17,326	23,132	678	710	2,163	3,718	2,867	324	77	33,669	33,669	24,829	701	661	2,163	3,841	3,052	330	76	35,653	35,653	2037	68,881	8,340	9,423
2038	11,535	1,546	407	1,103	1,908	1,374	159	41	18,073	18,073	22,235	3,130	732	2,206	3,785	2,756	324	79	35,247	35,247	23,998	3,256	682	2,206	3,777	2,924	330	78	37,252	37,252	2038	73,038	8,065	9,470
2039	11,038	1,371	419	1,125	1,953	1,338	159	43	17,446	17,446	21,321	2,869	755	2,250	3,874	2,672	324	81	34,147	34,147	23,153	3,005	704	2,250	3,846	2,811	330	81	36,180	36,180	2039	70,261	7,838	9,673
2040	10,541	1,195	432	1,148	1,999	1,302	159	44	16,820	16,820	20,408	2,543	779	2,295	3,965	2,603	324	84	33,001	33,001	22,291	2,755	725	2,295	3,937	2,726	330	83	35,142	35,142	2040	67,407	7,654	9,901
2041	10,058	1,054	446	1,171	2,056	1,267	159	45	16,256	16,256	19,494	2,217	803	2,341	4,059	2,533	324	86	31,858	31,858	21,430	2,442	748	2,341	4,030	2,655	330	85	34,061	34,061	2041	64,566	7,484	10,145
2042	9,570	1,054	460	1,194	2,095	1,231	159	47	15,809	15,809	18,610	1,956	829	2,388	4,176	2,464	324	89	30,835	30,835	20,568	2,129	771	2,388	4,125	2,584	330	88	32,984	32,984	2042	61,818	7,315	10,396
2043	9,075	914	474	1,218	2,145	1,195	159	48	15,227	15,227	17,714	1,956	854	2,436	4,255	2,394	324	92	30,025	30,025	19,736	1,878	795	2,436	4,243	2,513	330	91	32,024	32,024	2043	59,488	7,146	10,643
2044	8,581	914	489	1,242	2,196	1,160	159	49	14,789	14,789	16,805	1,695	881	2,485	4,356	2,325	324	94	28,965	28,965	18,893	1,878	821	2,485	4,324	2,442	330	93	31,266	31,266	2044	57,167	6,977	10,877
2045	8,086	808	504	1,267	2,249	1,124	159	51	14,248	14,248	15,898	1,695	908	2,534	4,461	2,256	324	97	28,173	28,173	18,036	1,628	847	2,534	4,427	2,372	330	96	30,270	30,270	2045	54,760	6,808	11,137
2046	7,605	808	520	1,292	2,313	1,088	159	52	13,838	13,838	14,989	1,500	937	2,585	4,568	2,186	324	100	27,189	27,189	17,183	1,628	873	2,585	4,534	2,301	330	99	29,532	29,532	2046	52,505	6,630	11,415
2047	7,116	738	536	1,318	2,359	1,053	159	54	13,333	13,333	14,110	1,500	967	2,637	4,698	2,117	324	103	26,455	26,455	16,327	1,440	900	2,637	4,643	2,230	330	102	28,609	28,609	2047	50,226	6,471	11,700
2048	6,618	703	553	1,345	2,416	1,017	159	56	12,865	12,865	13,214	1,369	997	2,689	4,792	2,047	324	106	25,538	25,538	15,501	1,440	929	2,689	4,775	2,159	330	105	27,928	27,928	2048	48,066	6,302	11,985
2049	6,119	703	570	1,372	2,475	981	159	57	12,435	12,435	12,298	1,304	1,038	2,743	4,908	1,978	324	109	24,662	24,692	14,658	1,315	958	2,743	4,871	2,088	330	108	27,071	27,071	2049	45,809	6,135	12,254
2050	5,618	703	587	1,399	2,535	945	159	59	12,006	12,006	11,381	1,304	1,059	2,798	5,028	1,908	324	113	23,915	23,915	13,795	1,252	988	2,798	4,989	2,017	330	112	26,281	26,281	2050	43,683	5,967	12,552
2051	8,713	703	606	1,427	2,607	910	159	61	15,186	15,186	10,462	1,304	1,092	2,854	5,150	1,839	324	116	23,141	23,141	12,931	1,252	1,018	2,854	5,111	1,947	330	115	25,558	25,558	2051	45,216	5,799	12,869
2052	-	-	-	-	-	874	159	63	1,095	-	16,702	1,304	1,127	2,911	5,297	1,769	324	119	29,554	29,554	12,065	1,252	1,050	2,911	5,236	1,876	330	118	24,838	24,838	2052	39,317	5,632	10,532
2053	-	-	-	-	-	838	159	64	1,061	-	-	-	-	-	-	1,700	324	123	2,147	-	18,328	1,252	1,083	2,969	5,184	1,805	330	122	31,274	31,274	2053	23,631	5,465	5,184
2054	-	-	-	-	-	803	159	66	1,028	-	-	-	-	-	-	1,631	324	127	2,081	-	-	-	-	-	-	1,734	330	125	2,190	-	2054	-	5,298	-
2055	-	-	-	-	-	767	159	68	994	-	-	-	-	-	-	1,561	324	131	2,015	-	-	-	-	-	-	1,663	330	129	2,123	-	2055	-	5,132	-
2056	-	-	-	-	-	731	159	70	960	-	-	-	-	-	-	1,492	324	134	1,950	-	-	-	-	-	-	1,592	330	133	2,056	-	2056	-	4,966	-
2057	-	-	-	-	-	696	159	72	927	-	-	-	-	-	-	1,422	324	138	1,885	-	-	-	-	-	-	1,522	330	137	1,989	-	2057	-	4,800	-
2058	-	-	-	-	-	660	159	75	893	-	-	-	-	-	-	1,353	324	143	1,819	-	-	-	-	-	-	1,451	330	141	1,922	-	2058	-	4,635	-
2059	-	-	-	-	-	624	159	77	860	-	-	-	-	-	-	1,283	324	147	1,754	-	-	-	-	-	-	1,380	330	145	1,856	-	2059	-	4,469	-
2060	-	-	-	-	-	588	159	79	826	-	-	-	-	-	-	1,214	324	151	1,689	-	-	-	-	-	-	1,309	330	150	1,789	-	2060	-	4,304	-
2061	-	-	-	-	-	553	159	82	793	-	-	-	-	-	-	1,145	324	156	1,624	-	-	-	-	-	-	1,238	330	154	1,723	-	2061	-	4,140	-
2062	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,075	324	161	1,559	-	-	-	-	-	-	1,167	330	159	1,657	-	2062	-	3,216	-
2063	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,097	330	164	1,591	-	2063	-	1,591	-
2064	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2064	-	-	-
2065	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2065	-	-	-
2066	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2066	-	-	-
2067	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2067	-	-	-
2068	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2068	-	-	-
2069	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2069	-	-	-
	$191,269.08	$8,026.71	$4,177.11	$11,875.40	$19,889.08	$21,556.18	$1,941.16		$441.44	$259,176.16	$258,913.82	$328,328.76	$14,738.40	$7,269.33	$22,704.61	$37,851.13	$39,319.27	$3,675.61		$800.37	$454,687.47	$454,434.91	$306,953.79	$14,072.30	$6,543.60	$21,704.50	$36,050.68	$37,396.11	$3,477.30		$751.28	$426,949.56	$426,949.56			

	$k	$M
	CPVRR 2053	CPVRR 2053
Capital RR	$826,552	$827
Property Taxes	$36,817	$37
Insurance	$17,990	$18
Capital Lease	$56,285	$56
O&M	$93,791	$94
Transm Cap RR	$97,863	$98
Transm Prop Tx	$9,017	$9
Transm Prop Ins	$1,661	$2
Total	**$1,140,298**	**$1,140**

	2022 CEC	2023 CEC	2024 CEC	Total
Capital RR	$191	$328	$307	$827
Property Taxes	$8	$15	$14	$37
Insurance	$4	$7	$7	$18
Capital Lease	$12	$23	$22	$56
O&M	$20	$38	$36	$94
Transm Cap RR	$22	$39	$37	$98
Transm Prop Tx	$2	$4	$3	$9
Transm Prop Ins	$0	$1	$1	$2
Total	**$259**	**$453**	**$427**	**$1,141**

	2022 CEC	2023 CEC	2024 CEC
Capital RR	74%	72%	72%
Property Taxes	3%	3%	3%
Insurance	2%	2%	2%
Capital Lease	5%	5%	5%
O&M	8%	8%	8%
Transm Cap RR	8%	9%	9%
Transm Prop Tx	1%	1%	1%
Transm Prop Ins	0%	0%	0%
Total	**$1**	**$1**	**$1**

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CPUC$ 2023	CPUC$ nfx ty		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059
$14,317.45	$14,317.45	Capital Rtr		11,728.48	10,259.57	12,360.17	11,791.42	11,272.18	8,980.05	8,619.44	8,167.77	8,079.47	7,811.50	7,544.10	7,277.08	7,038.64	6,743.57	6,488.42	6,214.98	5,943.96	5,679.60	5,409.90	5,145.80	4,875.24	4,609.19	4,332.67	4,060.43	3,796.28	3,522.88	3,284.58	2,977.16	2,711.02	2,566.78	2,480.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
$4,199.45	$4,199.45	Property Taxes	-	257.23	235.11	227.26	217.62	207.41	247.20	287.00	276.91	266.48	256.06	245.95	236.00	202.49	188.83	174.91	160.95	144.25	492.15	557.28	540.28	497.14	499.92	430.01	417.99	390.90	368.75	364.76	365.26	366.07	91.52	-	-	-	-	-	-	-	-
$2,743.61	$2,743.61	Insurance	-	108.51	148.08	153.55	158.16	163.05	168.10	173.33	178.75	184.36	190.13	196.14	202.16	208.99	215.63	222.72	229.82	237.15	244.71	252.52	260.80	269.11	277.67	286.50	295.99	305.23	314.89	324.63	335.07	345.65	356.77	91.90	-	-	-	-	-	-	-	-
$6,957.20	$6,957.20	Capital Lease	-	361.23	455.00	455.00	455.00	469.00	469.00	469.00	469.00	469.00	469.00	483.00	483.00	483.00	483.00	483.00	497.00	497.00	497.00	497.00	511.00	511.00	511.00	511.00	525.00	525.00	525.00	525.00	525.00	539.90	134.75	-	-	-	-	-	-	-	-
$14,201.20	$14,201.20	O&M	-	543	790	819	828	848	919	950	973	1,003	1,021	1,046	1,066	1,097	1,177	1,164	1,170	1,208	1,251	1,268	1,299	1,345	1,364	1,398	1,468	1,469	1,506	1,538	1,586	1,636	1,680	412	-	-	-	-	-	-	-	-
$9,604.14	$9,661.63	Transm Cap Rt	-	960.01	916.53	913.07	879.20	846.74	815.30	784.88	755.36	726.17	697.04	667.92	638.82	609.74	580.68	551.63	522.61	493.60	464.62	435.66	407.37	380.43	364.54	347.05	329.57	312.13	294.71	277.32	259.95	242.62	225.31	208.03	190.79	173.58	156.40	139.26	122.15	105.08	88.05	71.06	54.10	12.34	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)
$982.08	$951.66	Transm Prop Ta	-	76.20	98.27	96.93	94.08	90.97	87.86	84.75	81.64	78.53	75.44	72.35	69.26	66.17	63.24	59.99	56.95	53.80	46.65	41.73	36.16	32.14	31.10	27.99	26.95	24.62	23.84	22.29	20.98	20.75	20.73	20.73	20.73	20.73	20.73	20.73	20.73	20.73	20.73	20.73	20.73	-	-	-	-	-	-	-	-
$1,597.84	$1,743.96	Transm Prop Ins	-	193.86	258.68	258.68	258.68	258.68	258.68	258.68	258.68	258.68	258.68	258.68	258.68	258.68	258.68	258.68	258.68	258.68	258.68	258.68	258.68	258.68	258.68	258.68	258.68	258.68	258.68	258.68	258.68	258.68	258.68	64.62	-	-	-	-	-	-	-	-
$191,852.36	$191,221.25		-	14,213.61	16,352.86	15,417.11	14,783.80	14,253.36	12,014.63	11,627.60	11,161.03	11,071.15	10,794.13	10,513.91	10,240.91	9,945.49	9,719.83	9,410.86	9,127.64	8,847.69	8,578.60	8,410.09	8,473.95	8,213.70	7,995.28	7,630.84	7,360.05	7,107.72	6,855.45	6,589.18	6,324.75	6,082.70	5,994.23	3,917.20								

March in-service with a start of last recovery 4/1/2020

74.9 O&M $/kw

				7.25	10.55	10.94	11.05	11.32	12.53	12.68	12.99	13.47	13.63	13.96	14.67	14.65	15.71	15.54	15.74	16.13	16.70	16.93	17.34	17.96	18.21	18.67	19.33	19.62	20.11	20.82	21.14	21.68	22.44	5.76								

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CPUC$ 2023	CPUC$ Life		2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069
$158,986.94	$158,986.94	Capital RR	13,570	12,774	12,258	11,626	11,096	10,792	8,588	8,309	8,034	7,722	7,448	7,174	6,900	6,630	6,365	6,092	5,818	5,544	5,272	5,003	4,728	4,453	4,176	3,902	3,621	3,353	3,075	2,798	2,528	4,527	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
$10,980.77	$10,980.77	Property Taxes	1,234	1,189	1,170	1,132	1,091	1,058	1,021	984	946	898	858	808	757	707	658	607	553	488	428	390	378	340	300	301	296	273	263	264	264	399	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
$2,884.16	$2,884.16	Insurance	149	154	158	163	168	173	179	184	190	196	202	209	215	222	230	237	244	252	260	269	277	286	295	304	314	324	334	345	356	367	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
$1,679.91	$1,679.91	Capital Lease	339	346	353	359	366	373	380	388	395	403	411	419	427	435	443	452	461	469	479	488	497	507	517	527	537	548	558	569	580	575	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
$19,487.14	$19,487.14	O&M	1,088	1,106	1,130	1,154	1,179	1,206	1,294	1,323	1,352	1,382	1,413	1,446	1,476	1,542	1,542	1,576	1,611	1,647	1,684	1,722	1,761	1,801	1,842	1,884	1,927	1,971	2,016	2,063	2,111	2,160	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
$8,467.14	$8,503.14	Tranxm Cap RR	926	892	870	831	801	771	742	714	686	653	625	596	568	540	512	488	456	428	405	378	359	342	325	308	291	274	257	240	223	206	190	173	156	139	122	105	89	72	55	40	0	0	0	0	0	0	0	0	0	0	0	0
$1,403.29	$1,424.80	Tranxm Prop Tx	156	151	148	144	139	134	129	124	120	113	108	102	96	89	83	77	70	62	54	48	48	41	41	37	37	33	32	32	32	32	32	32	32	32	32	32	32	32	32	32	-	-	-	-	-	-	-	-	-	-
$3,542.37	$3,443.88	Tranxm Prop Ins	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	369	-	-	-	-	-	-	-	-	-
$161,637.90	$161,611.12		17,710	16,872	16,338	15,660	15,095	14,819	12,585	12,277	11,971	11,617	11,314	11,001	10,690	10,430	10,083	9,774	9,464	9,142	8,828	8,548	8,299	8,020	7,777	7,513	7,382	7,024	6,786	6,561	6,344	8,317	472	455																				
	74.9	O&M $/kw		14.76	15.08	15.41	15.74	16.91	17.28	17.66	18.05	18.45	18.86	19.28	19.70	20.85	20.59	21.04	21.51	21.99	22.48	22.99	23.51	24.04	24.59	25.15	25.72	26.31	26.92	27.54	28.18	28.84	-	-																				
	$2,927.81	Insurance	154	158 4.62	163	168	173	179	184	190	196	202	209	215	222	229	236	244	252	260	268	277	286	295	304	314	324	334	344	355	366	377																				
$19.38				19.38																																																
$0.00																																																					
$0.00																																																				
$19.38																																																				

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CPVRR 2053	CPVRR LCo		Dec-19	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069
$304,668.51	$104,638.51	Capital Alt		-	12,627	11,702	11,041	10,538	10,047	9,466	7,741	7,406	7,216	6,988	6,732	6,476	6,231	5,965	5,725	5,506	5,252	4,963	4,702	4,456	4,199	3,941	3,684	3,425	3,179	2,916	2,667	2,396	2,134	4,311	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
$4,312.70	$4,312.70	Property Taxes		-	357	347	340	329	318	307	296	285	274	260	249	238	228	217	206	196	185	176	165	155	143	132	549	549	675	675	621	621	384	384	366	366	274	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
$2,519.72	$2,519.72	Insurance		-	142	136	140	144	149	154	158	163	168	174	174	185	190	196	203	209	216	222	229	237	244	252	260	268	277	285	294	304	314	323	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
$4,200.00	$4,200.00	Capital Lease		-	350	350	350	350	350	350	350	350	350	350	350	350	350	350	350	350	350	350	350	350	350	350	350	350	350	350	350	350	350	350	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
$18,300.07	$18,300.07	O&M		-	1,069	1,027	1,055	1,075	1,101	1,139	1,213	1,242	1,275	1,306	1,332	1,367	1,395	1,479	1,471	1,497	1,532	1,573	1,606	1,649	1,688	1,723	1,765	1,812	1,856	1,896	1,947	1,989	2,038	2,098	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
$2,058.54	$2,058.54	Transm Cap Rtl		-	169	166	169	172	176	181	187	192	197	203	208	214	219	225	231	237	243	249	256	262	269	275	282	289	296	303	311	318	326	335	177	178	170	162	154	147	139	131	124	117	-	-	-	-	-	-	-	-	-	-
$104.54	$104.54	Transm Prop Ta		-	9	8	9	9	9	9	10	10	10	10	11	11	11	12	12	12	13	13	13	14	14	15	15	16	16	17	17	18	18	19	11	11	11	11	11	11	11	11	11	11	-	-	-	-	-	-	-	-	-	-
$134.81	$134.25	Transm Prop Ins		-	6	6	6	6	7	7	7	7	8	8	8	8	9	9	9	10	10	10	11	11	11	12	12	13	13	13	14	14	15	15	16	16	17	17	18	18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
$140,322.38	$140,633.42			-	15,027	14,106	13,696	12,951	12,618	12,162	10,241	9,994	9,732	9,514	9,264	9,003	8,770	8,576	8,303	8,059	7,836	7,574	7,322	7,041	7,539	7,053	6,917	6,550	6,348	6,101	5,876	5,604	5,401	7,598	202	203	196	188	181	174	167	159	152	146	-	-	-	-	-	-	-	-	-	-
	74.9	O&M $/kw			13.67	13.71	14.09	14.21	14.75	15.87	16.19	16.58	17.02	17.44	17.78	18.25	18.62	19.75	19.64	19.99	20.45	21.00	21.44	22.02	22.54	23.00	23.56	24.19	24.78	25.31	25.99	26.56	27.21	28.01	-																			
					13.67																																																	
					4.57																																																	
$18,300.07	$17,150.95	O&M		0	1,069	1,027	1,055	1,075	1,101	1,139	1,213	1,242	1,275	1,306	1,332	1,367	1,395	1,479	1,471	1,497	1,532	1,573	1,606	1,649	1,688	1,723	1,765	1,812	1,856	1,896	1,947	1,989	2,038	2,098	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
$116,289.56	$108,987.41	Generation Capital		0	13,458	12,528	11,863	11,353	10,856	10,481	8,551	8,288	8,025	7,772	7,510	7,246	6,981	6,718	6,468	6,212	5,948	5,681	5,911	5,601	5,360	5,037	4,787	4,482	4,244	3,966	3,695	3,443	3,191	5,291	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
$1,932.71	$1,647.41	Network Upgrades		0	570	553	537	522	507	452	477	464	450	436	421	407	393	378	364	350	336	321	305	291	282	272	265	255	248	240	231	224	217	209	202	203	196	188	181	174	167	159	152	146	-	-	-	-	-	-	-	-	-	-
$140,522.38	$131,785.78																																																					

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CPVRR 2053	CPVRR Life		Dec-19	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069
$63,458.71	$63,458.71	Capital Alt		-	-	7,622	7,260	6,849	6,505	6,051	5,844	4,683	4,534	3,980	4,257	4,096	3,933	3,780	3,627	3,474	3,356	3,181	3,056	2,877	2,724	2,583	2,428	2,274	2,120	1,965	1,812	1,666	1,505	1,352	2,775	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
$2,230.02	$2,230.02	Property Taxes		-	-	184	179	171	170	168	159	153	147	142	134	129	121	116	106	99	91	84	75	319	282	282	266	266	251	236	198	188	188	188	142	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
$1,526.61	$1,526.61	Insurance		-	-	80	82	85	87	90	93	96	99	102	105	108	113	115	119	123	127	131	135	139	144	148	153	158	163	168	174	179	185	190	196	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
$9,215.77	$9,215.77	Capital Lease		-	-	374	520	516	513	509	499	493	493	460	397	393	361	390	390	406	414	422	430	438	446	454	463	471	480	488	496	505	513	522	537	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
$10,446.37	$10,430.77	O&M		-	-	575	583	596	610	629	677	693	710	726	748	761	779	797	856	840	854	874	895	916	942	960	982	1,006	1,030	1,060	1,080	1,106	1,133	1,160	1,194	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
$1,048.77	$1,048.77	Transm Cap Alt		-	-	60	62	64	66	68	70	72	74	76	78	80	82	84	86	88	90	92	94	96	98	100	102	104	106	108	110	112	114	116	118	119	113	107	101	95	89	83	77	71	83	-	-	-	-	-	-	-	-	-	-
$746.86	$746.86	Transm Prop Ta		-	-	44	45	46	48	49	50	52	53	54	56	57	58	60	61	63	64	66	67	69	70	72	73	75	76	78	79	81	82	84	85	9	9	9	9	9	9	9	9	9	9	-	-	-	-	-	-	-	-	-	-
$84.92	$88.55	Transm Prop Int		-	-	4	4	4	4	5	5	5	5	5	5	6	6	6	6	6	6	7	7	7	7	8	8	8	8	9	9	9	9	10	10	10	10	11	11	11	12	12	12	13	-	-	-	-	-	-	-	-	-	-	-
$87,229.47	$87,288.76			-	-	9,196	8,638	8,296	7,951	7,618	7,451	6,313	6,188	5,646	5,907	5,773	5,630	5,488	5,389	5,214	5,063	4,943	4,803	4,917	4,761	4,638	4,479	4,314	4,203	4,067	3,954	3,824	3,705	3,586	3,607	138	122	126	121	115	110	104	98	93	105	-	-	-	-	-	-	-	-	-	-
		4% O&M S/Sw				12.78	12.96	13.24	13.56	13.98	15.04	15.40	15.78	16.13	16.62	16.91	17.31	17.71	19.02	18.67	18.98	19.42	19.89	20.36	20.93	21.33	21.82	22.36	22.89	23.56	24.00	24.58	25.18	25.78	26.53	-																			
						12.78																																																	
$10,430.77	$9,775.79	O&M		0	575	583	596	610	629	677	693	710	726	748	761	779	797	856	840	854	874	895	916	942	960	982	1,006	1,030	1,060	1,080	1,106	1,133	1,160	1,194	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
$72,691.06	$67,939.16	Generation Capital		0	8,200	7,648	7,266	6,957	6,658	6,444	5,290	5,140	4,991	4,841	4,705	4,556	4,407	4,259	4,110	3,977	3,828	3,679	3,783	3,606	3,479	3,301	3,161	2,993	2,853	2,707	2,568	2,417	2,277	3,670	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
$4,307.63	$4,092.71	Network Upgrades		0	418	407	395	383	371	361	349	339	329	318	307	296	284	274	263	252	241	229	218	207	200	192	186	179	174	167	160	155	149	143	138	132	126	121	115	110	104	98	93	105	-	-	-	-	-	-	-	-	-	-
$87,229.47	$81,807.66																																																				

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CPVRR 2053	CPVRR Life		Mar-30	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069
$92,917.56	$92,917.56	Capitol Wi		-	8,241	10,921	10,113	9,324	9,205	8,781	7,054	6,829	6,505	6,185	6,160	5,955	5,711	5,688	5,375	5,249	4,814	4,594	4,377	4,154	3,953	3,707	3,681	3,259	3,036	2,813	2,586	2,361	2,165	2,022	1,895	-	-	-	-														
$3,843.41	$3,843.41	Property Taxes		-	239	312	304	295	286	276	267	257	248	236	226	216	201	188	176	163	150	138	656	516	500	451	435	388	386	362	341	337	338	339	85	-	-	-	-														
$2,249.60	$2,249.60	Insurance		-	89	122	126	130	134	138	142	147	151	156	161	166	171	177	183	188	194	200	207	214	220	227	234	242	250	258	266	274	282	292	75																		
$0.00	$0.00	Capital Lease		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
$15,189.95	$15,189.95	O&M		-	658	899	911	931	956	982	1,003	1,027	1,054	1,081	1,101	1,132	1,157	1,221	1,231	1,243	1,270	1,304	1,333	1,368	1,402	1,433	1,466	1,506	1,544	1,578	1,620	1,657	1,697	1,743	439	-	-	-	-														
$99,010.75	$92,760.58	Transm Cap Rtl		-	8,574	11,355	10,543	10,049	9,625	9,196	7,465	7,233	7,004	6,778	6,547	6,315	6,083	5,854	5,631	5,400	5,168	4,934	5,040	4,888	4,653	4,385	4,151	3,898	3,674	3,431	3,193	2,974	2,761	2,652	2,055	-	-	-	-														
$850.63	$862.28	Transm Prop Ta		-	7	96	97	99	101	76	52	67	69	69	68	68	66	63	63	63	63	63	63	63	63	63	63	63	63	63	63	63	63	63	19	19	19	19	19	19	19	19	19	19	-	-	-	-	-	-	-	-
$137.12	$148.77	Transm Prop Ins		-	0	7	7	8	8	8	8	8	9	9	9	9	10	10	10	11	11	11	12	12	12	13	13	14	14	14	15	15	16	16	17	17	18	18	19	19	20	20	21	22	4	-	-	-	-	-	-	-	-
$123,183.63	$122,183.71			-	9,966	12,926	12,126	11,441	11,213	10,762	9,065	8,838	8,620	8,402	8,176	7,954	7,728	7,548	7,315	7,076	6,853	6,635	6,760	6,614	6,402	6,152	5,962	5,718	5,528	5,308	5,097	4,906	4,729	4,614	2,762	243	232	223	214	205	197	188	179	171	4	-	-	-	-	-	-	-	-
		74.5 O&M S/Nw			8.83	11.93	12.23	12.49	12.83	13.18	13.47	13.78	14.15	14.51	14.81	15.19	15.52	16.39	16.53	16.68	17.05	17.51	17.90	18.36	18.82	19.23	19.68	20.21	20.73	21.19	21.74	22.21	22.78	23.40	5.89																		
					9,232	12,244	11,454	10,980	10,581	10,177	8,469	8,259	8,058	7,859	7,651	7,447	7,240	7,076	6,862	6,642	6,438	6,238	6,373	6,256	6,055	5,818	5,617	5,404	5,218	5,010	4,813	4,631	4,462	4,396	2,493	-	-	-	-														
					9,232	12,244	11,454	10,980	10,581	10,177	8,469	8,258	8,058	7,859	7,651	7,447	7,240	7,076	6,862	6,642	6,438	6,238	6,373	6,256	6,055	5,818	5,617	5,404	5,218	5,010	4,813	4,631	4,462	4,396	2,439	-	-	-	-														
$15,189.95	$14,236.13	O&M		0	658	889	911	931	956	982	1,003	1,027	1,054	1,081	1,103	1,132	1,157	1,221	1,231	1,243	1,270	1,304	1,333	1,368	1,402	1,433	1,466	1,506	1,544	1,578	1,620	1,657	1,697	1,743	439	-	-	-	-														
$99,010.75	$92,760.58	Generation Capital		0	8,574	11,355	10,543	10,049	9,625	9,196	7,465	7,233	7,004	6,778	6,547	6,315	6,083	5,854	5,631	5,400	5,168	4,934	5,040	4,888	4,653	4,385	4,151	3,898	3,674	3,431	3,193	2,974	2,761	2,652	2,055	-	-	-	-														
$7,382.93	$7,022.55	Network Upgrades		0	712	691	672	652	632	615	597	579	561	543	526	507	489	470	452	434	415	397	377	358	347	334	321	314	305	294	284	276	267	258	249	240	232	223	214	205	197	188	179	171	4								
$121,583.63	$116,052.21																																																			

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CPVRR 2021	CPVRR Life		Rec-20	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069
$107,074.77	$107,074.77	Capital RR		-	-	13,514	12,747	11,987	11,439	10,932	8,879	8,555	8,287	8,059	7,759	7,496	7,229	6,962	6,686	6,438	6,176	5,910	5,643	5,376	5,116	4,853	4,586	4,320	4,054	2,795	3,521	3,262	2,993	2,723	4,739	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	-	-	-	-	-	-	-	-	-
$1,225.94	$1,225.94	Property Taxes		-	-	434	424	417	407	397	387	377	367	356	343	333	319	306	292	278	265	251	763	678	611	611	543	543	492	492	458	491	441	441	345	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
$2,367.01	$2,367.01	Insurance		-	-	133	127	141	145	149	154	159	164	169	174	180	185	191	197	203	210	216	223	230	237	265	252	260	268	277	286	295	304	313	223	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
$0.00	$0.00	Capital Lease		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
$17,439.64	$17,439.64	O&M		-	-	1,027	1,046	1,073	1,095	1,125	1,209	1,234	1,263	1,297	1,328	1,354	1,390	1,419	1,503	1,496	1,521	1,517	1,598	1,632	1,676	1,715	1,751	1,793	1,841	1,885	1,926	1,977	2,020	2,069	2,130	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
$20,493.31	$20,831.32	Tranem Cap RR		-	-	2,112	2,056	1,994	1,934	1,877	1,821	1,766	1,714	1,662	1,610	1,559	1,507	1,455	1,404	1,352	1,301	1,249	1,197	1,146	1,094	1,047	1,000	976	940	910	877	844	811	778	745	712	679	646	613	579	546	513	480	447	413	-	-	-	-	-	-	-	-	-
$2,617.00	$2,656.08	Tranem Prop Tx		-	-	297	288	282	273	263	254	245	236	227	215	206	194	182	170	157	145	133	118	103	91	91	79	79	70	70	64	61	61	61	61	61	61	61	61	61	61	61	61	61	61	-	-	-	-	-	-	-	-	-
$415.64	$456.91	Tranem Prop Ins		-	-	22	23	24	24	25	26	27	27	28	29	30	31	32	33	34	35	36	37	38	39	40	42	43	44	45	47	48	50	51	53	58	56	58	59	61	63	65	67	69	71	-	-	-	-	-	-	-	-	-
$195,833.31	$166,051.07			-	-	17,539	16,721	15,918	15,298	14,768	12,729	12,362	12,057	11,918	11,458	11,157	10,855	10,547	10,294	9,959	9,662	9,352	9,579	9,203	8,864	8,603	8,262	8,015	7,713	7,474	7,188	6,928	6,479	6,436	8,996	827	796	764	733	702	670	639	608	577	595	-	-	-	-	-	-	-	-	-
	74.9	O&M $/kw		-	-	13.71	13.97	14.33	14.62	15.02	16.14	16.48	16.86	17.32	17.73	18.08	18.56	18.95	20.07	19.97	20.31	20.79	21.34	21.79	22.38	22.90	23.38	23.94	24.58	25.17	25.71	26.40	26.97	27.62	28.44	-	-																	
$17,439.64	$16,344.55	O&M		0	-	1,027	1,046	1,073	1,095	1,125	1,209	1,234	1,263	1,297	1,328	1,354	1,390	1,419	1,503	1,496	1,521	1,517	1,598	1,632	1,676	1,715	1,751	1,793	1,841	1,885	1,926	1,977	2,020	2,069	2,130	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
$116,667.73	$107,467.41	Generation Capital		0	-	14,081	13,308	12,545	11,972	11,479	9,420	9,091	8,817	8,548	8,276	8,008	7,710	7,459	7,185	6,920	6,651	6,377	6,629	6,284	5,964	5,708	5,381	5,123	4,814	4,564	4,275	3,998	3,738	3,477	5,407	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	-	-	-	-	-	-	-	-	-
$23,525.95	$22,640.78	Network Upgrades		0	-	2,431	2,367	2,300	2,232	2,165	2,100	2,038	1,977	1,917	1,855	1,795	1,732	1,669	1,607	1,543	1,480	1,418	1,352	1,287	1,224	1,178	1,110	1,098	1,057	1,026	988	953	922	890	858	827	796	764	733	702	670	639	608	577	595	-	-	-	-	-	-	-	-	-
$195,833.31	$146,253.74																																																				

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CPVRR 2051	CPVRR Life		Dec-20	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069
$96,733.52	$96,733.52	Capital RR		-	-	12,323	11,582	10,849	10,309	9,842	8,115	7,812	7,563	7,315	7,066	6,818	6,569	6,321	6,072	5,824	5,575	5,327	5,078	4,830	4,581	4,333	4,086	3,840	3,593	3,347	3,100	2,854	2,608	2,361	2,308	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
$4,360.22	$4,360.22	Property Taxes		-	-	368	358	350	339	329	318	307	296	285	270	260	245	230	216	201	187	172	721	630	557	557	485	485	430	430	394	376	376	376	282	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
$2,150.80	$2,150.80	Insurance		-	-	122	126	129	133	137	141	145	150	154	159	164	169	174	179	184	190	196	201	207	214	220	227	233	240	248	255	263	271	279	287	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
$4,750.10	$4,750.10	Capital Lease		-	-	363	363	363	363	363	370	370	370	370	370	370	370	370	370	370	377	377	377	377	377	385	385	385	385	385	392	392	392	392	392	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
$16,048.08	$16,048.08	O&M		-	-	940	957	983	1,002	1,031	1,111	1,134	1,161	1,193	1,222	1,246	1,280	1,306	1,388	1,379	1,402	1,435	1,474	1,505	1,546	1,583	1,617	1,656	1,701	1,743	1,781	1,829	1,869	1,915	1,973	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
$17,606.37	$17,898.07	Transm Cap RR		-	-	1,811	1,763	1,711	1,660	1,610	1,563	1,517	1,472	1,428	1,384	1,340	1,295	1,251	1,207	1,163	1,119	1,075	1,031	987	943	903	871	842	814	785	757	728	700	671	643	614	586	557	529	500	472	443	415	386	399	-	-	-	-	-	-	-	-	-
$2,426.43	$2,462.31	Transm Prop Tx		-	-	275	267	261	253	244	236	228	219	211	199	191	180	169	157	146	135	124	110	95	84	84	73	73	65	65	59	56	56	56	56	56	56	56	56	56	56	56	56	56	56	-	-	-	-	-	-	-	-	-
$355.79	$391.11	Transm Prop Ins		-	-	19	20	20	21	22	22	23	24	24	25	26	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	43	44	45	46	48	49	51	52	54	55	57	59	61	-	-	-	-	-	-	-	-	-
$144,431.30	$144,794.21			-	-	16,220	15,435	14,666	14,080	13,578	11,876	11,536	11,254	10,980	10,695	10,413	10,135	9,849	9,618	9,297	9,015	8,737	9,024	8,664	8,336	8,100	7,779	7,551	7,266	7,042	6,778	6,539	6,313	6,094	5,986	717	689	662	635	608	581	554	528	501	516	-	-	-	-	-	-	-	-	-
		74.9 O&M $/kw		-	-	12.55	12.78	13.12	13.38	13.77	14.83	15.14	15.50	15.93	16.32	16.64	17.09	17.44	18.53	18.41	18.72	19.16	19.68	20.09	20.64	21.13	21.59	22.11	22.71	23.27	23.78	24.42	24.95	25.57	26.34	-	-																	
$16,048.08	$15,040.37	O&M	0	-		940	957	983	1,002	1,031	1,111	1,134	1,161	1,193	1,222	1,246	1,280	1,306	1,388	1,379	1,402	1,435	1,474	1,505	1,546	1,583	1,617	1,656	1,701	1,743	1,781	1,829	1,869	1,915	1,973	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
$107,994.64	$101,213.34	Generation Capital	0	-		13,175	12,428	11,691	11,145	10,671	8,944	8,634	8,379	8,124	7,866	7,611	7,353	7,095	6,837	6,579	6,329	6,072	6,378	6,044	5,729	5,496	5,183	4,943	4,649	4,410	4,142	3,885	3,646	3,408	3,269	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
$20,388.58	$19,448.45	Network Upgrades	0	-		2,105	2,050	1,992	1,934	1,876	1,821	1,767	1,714	1,663	1,608	1,556	1,502	1,448	1,392	1,338	1,284	1,230	1,173	1,115	1,061	1,022	979	952	916	889	856	825	798	771	744	717	689	662	635	608	581	554	528	501	516	-	-	-	-	-	-	-	-	-
$144,431.30	$135,702.16																																																				

Twin Rivers - Capital Lease

CONFIDENTIAL

CPVRR 2054	CPVRR LIfe		Dec-21	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069
$102,171.48	$102,171.48	Capital RR		-	-	-	13,539	12,781	12,030	11,467	9,681	9,249	8,922	8,648	8,374	8,109	7,840	7,567	7,294	7,022	6,758	6,490	6,217	5,945	5,672	5,406	5,137	4,865	4,593	4,321	4,056	3,787	3,513	3,239	2,965	4,547	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	-	-	-	-	-	-	-	-	-
$4,164.13	$4,164.13	Property Taxes		-	-	-	370	361	355	346	337	328	319	310	301	288	279	267	255	243	231	218	206	665	589	529	529	468	468	422	422	392	377	377	377	297	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
$2,206.11	$2,206.11	Insurance		-	-	-	132	136	140	145	149	154	158	163	168	173	179	184	190	196	202	208	215	221	228	235	243	250	258	266	274	283	292	301	310	320	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
$0.00	$0.00	Capital Lease		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
$10,132.21	$10,132.21	O&M		-	-	-	625	634	649	664	685	752	770	788	807	831	845	865	886	949	933	950	972	995	1,019	1,048	1,068	1,094	1,120	1,147	1,180	1,204	1,233	1,263	1,294	1,331	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
$2,908.12	$2,956.32	Transm Cap RR		-	-	-	319	311	301	292	284	275	267	259	252	244	236	228	221	213	205	197	190	182	174	166	159	153	148	143	138	133	128	123	118	113	108	103	98	93	88	83	78	73	68	70	-	-	-	-	-	-	-	-
$332.17	$336.98	Transm Prop Tx		-	-	-	40	39	38	37	36	35	33	32	31	29	28	26	25	23	21	20	18	16	14	12	12	11	11	9	9	9	8	8	8	8	8	8	8	8	8	8	8	8	8	8	-	-	-	-	-	-	-	-
$58.75	$64.58	Transm Prop Ins		-	-	-	3	3	4	4	4	4	4	4	4	4	4	5	5	5	5	5	5	5	6	6	6	6	6	7	7	7	7	7	8	8	8	8	9	9	9	9	10	10	10	11	-	-	-	-	-	-	-	-
$121,972.97	$122,031.80			-	-	-	15,029	14,266	13,517	12,955	11,176	10,797	10,473	10,204	9,937	9,679	9,411	9,142	8,875	8,650	8,355	8,090	7,823	8,030	7,702	7,402	7,154	6,848	6,605	6,316	6,087	5,815	5,558	5,318	5,079	6,624	124	120	115	110	105	101	96	91	86	89	-	-	-	-	-	-	-	-
		74.5	O&M $/kw	-	-	-	8.39	8.51	8.71	8.91	9.19	10.09	10.34	10.58	10.83	11.15	11.34	11.61	11.89	12.74	12.52	12.75	13.05	13.36	13.68	14.07	14.34	14.68	15.03	15.40	15.84	16.16	16.55	16.95	17.37	17.87	-																	
$10,132.21	$9,495.98	O&M	0	-	-		625	634	649	664	685	752	770	788	807	831	845	865	886	949	933	950	972	995	1,019	1,048	1,068	1,094	1,120	1,147	1,180	1,204	1,233	1,263	1,294	1,331	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
$108,541.72	$101,726.07	Generation Capital	0	-	-		14,042	13,279	12,525	11,957	10,167	9,731	9,399	9,120	8,843	8,570	8,298	8,018	7,739	7,460	7,191	6,917	6,638	6,831	6,489	6,170	5,909	5,583	5,319	5,009	4,753	4,462	4,182	3,917	3,651	5,163	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	-	-	-	-	-	-	-	-	-
$3,299.04	$3,147.03	Network Upgrades	0	-	-		362	353	343	333	324	314	304	296	287	277	269	259	250	241	231	223	213	203	194	184	177	171	166	159	154	149	144	139	134	129	124	120	115	110	105	101	96	91	86	89	-	-	-	-	-	-	-	-
$121,972.97	$114,369.08																																																				

Duette - land owned

CONFIDENTIAL

CPVRR 2023	CPVRR Life		Dec-24	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069
$89,888.84	$89,888.84	Capital RR	-	-	-	12,143	11,421	10,705	10,175	9,499	8,099	7,852	7,558	7,255	7,079	6,841	6,598	6,355	6,113	5,880	5,642	5,399	5,156	4,916	4,676	4,440	4,198	3,957	3,756	3,482	3,244	3,001	2,757	2,514	4,135	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	-	-	-	-	-	-	-
$3,360.99	$3,360.99	Property Taxes	-	-	-	308	295	288	279	270	261	252	242	233	220	211	199	186	174	162	149	137	604	526	464	464	403	450	356	356	325	310	310	310	233	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
$1,992.10	$1,992.10	Insurance	-	-	-	119	123	127	130	134	139	143	147	152	156	161	166	171	177	182	188	194	200	206	213	219	226	233	240	248	256	264	272	280	289	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
$6,838.99	$6,838.99	Capital Lease	-	-	-	436	447	458	469	481	493	505	518	531	544	558	572	586	601	616	631	647	663	679	696	714	732	750	769	788	808	828	849	870	891	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
$8,292.96	$8,292.96	O&M	-	-	-	525	530	541	551	567	630	643	656	670	689	698	712	727	784	741	772	788	804	820	842	854	872	890	909	933	947	967	988	1,009	1,035	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
$19,360.59	$19,790.49	Tranm Cap RR	-	-	-	2,111	2,057	1,997	1,939	1,883	1,829	1,777	1,726	1,676	1,626	1,577	1,527	1,477	1,428	1,378	1,328	1,278	1,229	1,179	1,130	1,084	1,048	1,017	986	954	923	892	860	829	798	766	735	704	673	641	610	579	547	516	485	-	-	-	-	-	-	-
$2,122.64	$2,363.86	Tranm Prop Tx	-	-	-	282	273	267	259	250	242	233	224	216	204	196	184	173	161	150	138	127	112	98	86	86	75	75	66	66	60	58	58	58	58	58	58	58	58	58	58	58	58	58	-	-	-	-	-	-	-
$388.83	$434.52	Tranm Prop Ins	-	-	-	23	23	24	25	26	26	27	28	29	30	30	31	32	33	34	35	36	37	39	40	41	42	43	45	46	47	49	50	52	53	55	57	58	60	62	64	66	68	70	72	-	-	-	-	-	-	-
$132,415.93	$132,912.74		-	-	-	15,943	15,168	14,407	13,827	12,110	11,718	11,381	11,099	10,821	10,549	10,372	9,988	9,709	9,471	9,163	8,884	8,607	8,805	8,461	8,149	7,903	7,597	7,369	7,087	6,874	6,610	6,368	6,145	5,922	7,492	870	850	820	791	761	732	702	673	644	615	-	-	-	-	-	-	-
	74.9	O&M $/kw	-	-	-	7.01	7.08	7.22	7.36	7.57	8.41	8.58	8.76	8.95	9.20	9.32	9.51	9.71	10.47	10.16	10.31	10.52	10.73	10.95	11.24	11.40	11.64	11.88	12.14	12.46	12.64	12.91	13.19	13.47	13.82	-																
$8,292.96	$7,772.22	O&M	0	-	-	525	530	541	551	567	630	643	656	670	689	698	712	727	784	761	772	788	804	820	842	854	872	890	909	933	947	967	988	1,009	1,035	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
$102,050.91	$95,642.84	Generation Capital	0	-	-	13,002	12,286	11,578	11,054	9,384	8,991	8,701	8,465	8,230	8,000	7,775	7,535	7,299	7,065	6,840	6,610	6,377	6,619	6,325	6,052	5,838	5,559	5,343	5,082	4,874	4,633	4,402	4,188	3,978	5,548	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	-	-	-	-	-	-	-
122,072.06	$21,170.45	Network Upgrades	0	-	-	2,415	2,353	2,288	2,223	2,158	2,097	2,037	1,978	1,921	1,860	1,803	1,742	1,683	1,622	1,562	1,501	1,442	1,378	1,316	1,255	1,211	1,165	1,135	1,096	1,066	1,030	999	969	939	909	879	850	820	791	761	732	702	673	644	615	-	-	-	-	-	-	-
$132,415.93	$124,585.51																																																		
																																													-5.4%	-5.7%	-6.1%	-6.3%	-6.8%	-7.5%	-8.1%							

Charlie Creek - Capital Lease

CONFIDENTIAL

CPVRR 2023	CPVRR Life		Dec-31	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069
$77,686.64	$77,686.64	Capital RR		-	-	-	10,291	9,717	9,147	8,719	7,370	7,041	6,791	6,582	6,273	6,170	5,964	5,755	5,547	5,339	5,137	4,933	4,724	4,516	4,307	4,104	3,899	3,691	3,484	3,277	3,075	2,870	2,662	2,453	2,244	2,451	0	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	-	-	-	-	-	-	-	-	-
$4,565.38	$4,565.38	Property Taxes		-	-	-	406	396	389	379	370	360	350	340	330	316	306	293	280	267	253	240	227	728	645	579	579	512	512	462	462	429	413	413	413	326	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
$1,475.40	$1,475.40	Insurance		-	-	-	100	103	107	110	113	117	120	124	128	132	136	140	144	149	153	158	163	168	173	179	184	190	196	202	208	215	222	228	235	243	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
$0.00	$0.00	Capital Lease		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
$8,300.29	$8,300.29	O&M		-	-	-	514	521	534	546	563	615	629	645	660	679	691	708	725	774	763	778	796	815	834	858	874	895	917	939	966	986	1,010	1,035	1,060	1,090	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
$6,088.84	$6,212.84	Transm Cap RR		-	-	-	671	653	634	615	596	579	562	545	529	512	496	480	464	447	431	415	398	382	366	349	334	322	312	301	291	280	270	259	249	238	227	217	206	196	185	175	164	154	143	148	-	-	-	-	-	-	-	-	-
$961.95	$986.13	Transm Prop Tx		-	-	-	117	114	112	108	104	101	97	94	90	85	82	77	72	67	63	57	53	47	41	36	36	31	31	27	27	25	24	24	24	24	24	24	24	24	24	24	24	24	24	24	-	-	-	-	-	-	-	-	-
$121.49	$130.76	Transm Prop Ins		-	-	-	7	7	8	8	8	8	8	9	9	9	10	10	10	10	11	11	11	12	12	12	12	13	13	14	14	14	15	15	16	16	17	17	18	18	19	19	20	21	21	22	22	-	-	-	-	-	-	-	-	-
$99,606.98	$99,562.44			-	-	-	12,106	11,512	10,929	10,486	9,124	8,820	8,568	8,337	8,117	7,904	7,685	7,463	7,241	7,053	6,812	6,592	6,372	6,647	6,378	6,117	5,920	5,656	5,466	5,223	5,044	4,821	4,615	4,428	4,241	5,388	269	259	249	239	229	219	209	199	189	195	-	-	-	-	-	-	-	-	-
	56.6 74.9 0.76	O&M $/kw		-	-	-	9.08	9.21	9.43	9.65	9.95	10.87	11.12	11.39	11.66	12.00	12.22	12.51	12.80	13.67	13.48	13.74	14.06	14.39	14.74	15.15	15.45	15.82	16.21	16.60	17.06	17.42	17.84	18.28	18.73	19.25	-																		
$8,300.29	$7,779.09	O&M	0	-	-	-	514	521	534	546	563	615	629	645	660	679	691	708	725	774	763	778	796	815	834	858	874	895	917	939	966	986	1,010	1,035	1,060	1,090	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
$83,927.41	$78,637.37	Generation Capital	0	-	-	-	10,798	10,216	9,643	9,208	7,852	7,517	7,261	7,045	6,830	6,618	6,406	6,188	5,971	5,754	5,549	5,331	5,116	5,412	5,135	4,862	4,662	4,394	4,193	3,942	3,746	3,535	3,296	3,094	2,892	4,019	0	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	-	-	-	-	-	-	-	-	-
$7,170.27	$6,834.17	Network Upgrades	0	-	-	-	795	774	753	731	709	688	668	648	628	607	587	567	545	525	504	483	463	441	419	398	384	367	356	343	332	320	309	299	289	279	269	259	249	239	229	219	209	199	189	195	-	-	-	-	-	-	-	-	-
$99,400.98	$93,310.63																																																					

Archer - land owned

CONFIDENTIAL

CPVRR 2011	CPVRR Life	Jan-22	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069
$191,269.08	$191,269.08	Capital Wk	-	-	-	25,308	21,864	22,212	21,210	20,205	17,552	16,068	15,985	15,483	12,997	14,505	14,004	12,924	13,006	12,524	12,013	11,535	11,036	10,541	10,056	9,570	9,075	8,581	8,086	7,605	7,216	6,818	6,119	5,614	8,711	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
$8,026.71	$8,026.71	Property Taxes	-	-	-	689	668	654	633	611	590	569	548	527	499	478	458	422	394	365	337	1,546	1,371	1,195	1,054	1,054	916	914	808	808	738	703	703	703	766	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
$4,177.11	$4,177.11	Insurance	-	-	-	253	259	266	273	282	291	299	309	318	328	338	349	360	371	383	394	407	419	432	445	460	474	489	504	520	536	553	570	587	606	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
$14,495.00	$14,495.00	Capital Lease	-	-	-	1,104	1,132	1,160	1,189	1,219	1,249	1,280	1,312	1,345	1,378	1,413	1,448	1,484	1,521	1,559	1,598	1,638	1,679	1,721	1,765	1,810	1,855	1,902	1,950	1,999	2,050	2,101	2,154	2,208	2,263	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
$19,849.06	$19,849.08	O&M	-	-	-	1,228	1,266	1,274	1,304	1,344	1,378	1,513	1,548	1,585	1,632	1,660	1,699	1,739	1,865	1,831	1,864	1,908	1,953	1,999	2,056	2,085	2,145	2,196	2,249	2,313	2,359	2,416	2,475	2,535	2,607	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
$1,902.57	$2,053.85	Transm Prop Ta	-	-	-	158	158	158	158	158	158	158	158	158	158	158	158	158	158	158	158	158	158	158	158	158	158	158	158	158	158	158	158	158	158	158	158	158	158	158	158	158	158	158	158	158	158	158	158	158	158	158	158
$426.02	$493.31	Transm Prop Ins	-	-	-	26	27	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	43	44	45	47	48	49	51	52	54	56	57	59	61	63	64	66	68	70	72	75	77	79	82	-	-	-	-	-	-	-	-	-	-
$258,913.82	$259,831.06		-	-	-	30,858	29,206	27,776	26,635	25,670	22,577	21,940	21,827	20,896	18,396	19,078	19,207	18,827	18,405	17,832	17,326	18,073	17,496	16,820	16,258	15,859	15,237	14,789	14,248	13,858	13,333	12,865	12,435	12,006	13,186	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		1HR.E	O&M $/kw		-	-	8.20	8.32	8.51	8.70	8.97	9.86	10.10	10.34	10.58	10.90	11.08	11.34	11.61	12.45	12.23	12.44	12.76	13.06	13.34	13.73	13.99	14.32	14.66	15.05	15.44	15.75	16.13	16.52	16.93	17.41	-																			
					-	-	28,278	26,795	25,341	24,272	23,376	20,948	19,774	19,213	18,854	18,457	17,961	17,501	17,043	16,673	16,162	15,711	14,499	15,906	15,315	14,786	14,373	13,825	13,422	12,914	12,539	12,068	11,634	11,238	10,843	14,057	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
$117,618.68	$125,499				-	-	14,138	13,397	12,671	12,136	11,688	10,174	9,867	9,656	9,427	9,208	8,980	8,750	8,522	8,336	8,081	7,855	8,250	7,953	7,657	7,393	7,186	6,913	6,711	6,457	6,270	6,034	5,817	5,619	5,422	7,028	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
$19,889.08	$19,889.08	O&M	0	-	-	1,228	1,266	1,274	1,304	1,344	1,378	1,513	1,548	1,585	1,632	1,660	1,699	1,739	1,865	1,831	1,864	1,908	1,953	1,999	2,056	2,085	2,145	2,196	2,249	2,313	2,359	2,416	2,475	2,535	2,607	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
$215,348.30	$215,348.30	Generation Capital	0	-	-	27,050	25,549	24,067	22,969	22,033	18,871	18,262	17,765	17,269	16,784	16,300	15,802	15,304	14,808	14,331	13,847	14,591	13,953	13,356	12,729	12,278	11,680	11,225	10,665	10,226	9,709	9,218	8,763	8,308	11,449	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
$23,676.44	$24,193.68	Network Upgrades	0	-	-	2,580	2,512	2,436	2,363	2,294	2,228	2,166	2,104	2,042	1,980	1,918	1,856	1,794	1,732	1,670	1,615	1,574	1,539	1,505	1,471	1,436	1,402	1,368	1,333	1,299	1,265	1,231	1,197	1,163	1,129	1,095	1,061	1,028	994	960	927	893	860	826	793	-	-	-	-	-	-	-	-
$258,913.82	$259,831.06																																																						
		$13,121	13,121		-	-	1,290	1,256	1,218	1,181	1,147	1,114	1,083	1,052	1,021	990	959	928	897	866	835	808	787	770	752	735	718	701	684	667	650	633	616	598	582	565	548	531	514	497	480	463	447	430	413	396	-	-	-	-	-	-	-	-
							30,858	87,071	138,321	131,341	125,328	112,373	108,557	105,490	102,877	100,513	98,179	95,848	93,474	91,186	88,937	86,648	90,573	87,772	84,962	82,175	79,628	77,276	75,021	72,691	70,559	68,397	66,332	64,197	62,201	63,884	54,391	31,274																				
	$1,140,298	1140.298284					30,858	87,071	138,321	131,341	125,328	112,373	108,557	105,490	102,877	100,513	98,179	95,848	93,474	91,186	88,937	86,648	90,573	87,772	84,962	82,175	79,628	77,276	75,021	72,691	70,559	68,397	66,332	64,197	62,201	63,884	54,391	31,274	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		2,728.34					30.9	87.1	138.3	131.3	125.3	112.4	108.6	105.5	102.9	100.5	98.2	95.8	93.5	91.2	88.9	86.6	90.6	87.8	85.0	82.2	79.6	77.3	75.0	72.7	70.6	68.4	66.3	64.2	62.2	63.9	54.4	31.3																				
			1.07	1.00	0.94	0.88	0.82	0.77	0.72	0.68	0.64	0.60	0.56	0.52	0.49	0.46	0.43	0.40	0.38	0.35	0.33	0.31	0.29	0.27	0.26	0.24	0.23	0.21	0.20	0.19	0.17	0.16	0.15	0.14	0.13	0.12	0.11	0.10	0.10	0.09	0.09	0.08	0.07	0.07								

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CPVRR 2052	CPVRR Life		Jan-23	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069
$328,328.76	$328,328.76	Capital RR		-	-	-	-	46,812	43,957	41,125	39,044	33,106	31,552	30,412	29,487	28,564	27,674	26,771	25,851	24,933	24,015	23,132	22,235	21,321	20,408	19,494	18,610	17,714	16,805	15,898	14,989	14,110	13,214	12,298	11,381	10,462	16,702	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
$14,738.40	$14,738.40	Property Taxes		-	-	-	-	1,278	1,239	1,213	1,174	1,135	1,096	1,056	1,017	978	926	887	835	783	730	678	3,130	2,869	2,543	2,217	1,956	1,956	1,695	1,695	1,500	1,500	1,369	1,304	1,304	1,304	1,304	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
$7,269.33	$7,269.33	Insurance		-	-	-	-	464	478	493	507	523	539	556	573	590	609	628	647	667	688	710	732	755	779	803	829	854	881	908	937	967	997	1,028	1,059	1,092	1,127	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
$22,704.61	$22,704.61	Capital Lease		-	-	-	-	1,639	1,672	1,705	1,740	1,774	1,810	1,846	1,883	1,921	1,959	1,998	2,038	2,079	2,121	2,163	2,206	2,250	2,295	2,341	2,388	2,436	2,485	2,534	2,585	2,637	2,689	2,743	2,798	2,854	2,911	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
$37,851.13	$37,851.13	O&M		-	-	-	-	2,494	2,531	2,589	2,649	2,730	2,999	3,070	3,143	3,217	3,313	3,370	3,449	3,530	3,783	3,718	3,785	3,874	3,965	4,059	4,176	4,255	4,356	4,461	4,568	4,698	4,792	4,908	5,028	5,150	5,297	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
$39,119.26	$40,392.76	Transm Cap RR		-	-	-	-	4,703	4,565	4,410	4,264	4,126	3,994	3,868	3,743	3,617	3,492	3,367	3,242	3,117	2,992	2,867	2,756	2,672	2,603	2,533	2,464	2,394	2,325	2,256	2,186	2,117	2,047	1,978	1,908	1,839	1,769	1,700	1,631	1,561	1,492	1,422	1,353	1,283	1,214	1,145	1,075	-	-	-	-	-	-
$3,637.53	$3,926.94	Transm Prop Tx		-	-	-	-	324	324	324	324	324	324	324	324	324	324	324	324	324	324	324	324	324	324	324	324	324	324	324	324	324	324	324	324	324	324	324	324	324	324	324	324	324	324	324	324	-	-	-	-	-	-
$785.90	$910.02	Transm Prop Ins		-	-	-	-	51	52	54	55	57	59	61	62	64	66	68	70	72	74	77	79	81	84	86	89	92	94	97	100	103	106	109	113	116	119	123	127	131	134	138	143	147	151	156	161	-	-	-	-	-	-
$454,434.91	$456,121.95			-	-	-	-	57,765	54,818	51,913	49,757	43,775	42,372	41,192	40,231	39,276	38,364	37,413	36,457	35,505	34,727	33,669	35,247	34,147	33,001	31,858	30,835	30,025	28,965	28,173	27,189	26,455	25,538	24,692	23,915	23,141	29,554																		
		299.6 O&M $/kw			-	-	-	8.32	8.45	8.64	8.84	9.11	10.01	10.25	10.49	10.74	11.06	11.25	11.51	11.78	12.63	12.41	12.63	12.93	13.24	13.55	13.94	14.20	14.54	14.89	15.25	15.68	15.99	16.38	16.78	17.19	17.68	0																	
					-	-	-	52,688	49,877	47,125	45,114	39,268	37,995	36,940	36,103	35,271	34,481	33,654	32,821	31,992	31,337	30,402	32,089	31,069	29,990	28,915	27,959	27,215	26,222	25,497	24,579	23,911	23,061	22,281	21,570	20,862	27,341	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
$102,723.05	$116,949.07		116,949		-	-	-	13,172	12,469	11,781	11,278	9,817	9,499	9,235	9,026	8,818	8,620	8,414	8,205	7,998	7,834	7,600	8,022	7,767	7,498	7,229	6,990	6,804	6,556	6,374	6,145	5,978	5,765	5,570	5,392	5,216	6,835																		
$37,851.13	$35,474.35	O&M		0	-	-	-	2,494	2,531	2,589	2,649	2,730	2,999	3,070	3,143	3,217	3,313	3,370	3,449	3,530	3,783	3,718	3,785	3,874	3,965	4,059	4,176	4,255	4,356	4,461	4,568	4,698	4,792	4,908	5,028	5,150	5,297	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
$373,041.09	$349,616.77	Generation Capital		0	-	-	-	50,194	47,347	44,536	42,465	36,538	34,996	33,870	32,960	32,054	31,168	30,284	29,371	28,462	27,554	26,684	28,304	27,195	26,025	24,855	23,783	22,960	21,866	21,036	20,011	19,213	18,269	17,373	16,542	15,712	22,044	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
$43,542.69	$42,389.62	Network Upgrades		0	-	-	-	5,077	4,941	4,788	4,643	4,507	4,377	4,252	4,129	4,005	3,882	3,759	3,636	3,513	3,390	3,267	3,158	3,077	3,010	2,943	2,876	2,810	2,743	2,676	2,610	2,543	2,477	2,411	2,345	2,279	2,213	2,147	2,081	2,015	1,950	1,885	1,819	1,754	1,689	1,624	1,559	-	-	-			
$454,434.91	$427,480.74																																																			
	$12,873		12,873		-	-	-	1,269	1,235	1,197	1,161	1,127	1,094	1,063	1,032	1,001	971	940	909	878	848	817	790	769	753	736	719	702	686	669	652	636	619	603	586	570	553	537	520	504	487	471	455	439	422	406	390	-	-	-	-	-	-

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CPVRR 2053	CPVRR Life		Jan-24	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069
$306,953.79	$306,953.79	Capital RR		-	-	-	-	-	44,668	41,826	39,008	35,203	33,470	31,955	30,863	29,989	29,119	28,280	27,429	26,561	25,695	24,829	23,998	23,153	22,291	21,430	20,568	19,736	18,893	18,036	17,183	16,327	15,501	14,658	13,795	12,931	12,065	18,328	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
$14,072.30	$14,072.30	Property Taxes		-	-	-	-	-	1,227	1,190	1,165	1,127	1,089	1,052	1,014	977	939	889	851	801	751	701	3,256	3,005	2,755	2,442	2,129	1,878	1,878	1,628	1,628	1,440	1,440	1,315	1,252	1,252	1,252	1,252	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
$6,543.60	$6,543.60	Insurance		-	-	-	-	-	446	459	473	487	502	518	534	550	567	585	603	622	641	661	682	704	725	748	771	796	821	847	873	900	929	958	988	1,018	1,050	1,083	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
$21,704.50	$21,704.50	Capital Lease		-	-	-	-	-	1,672	1,705	1,740	1,774	1,810	1,846	1,883	1,921	1,959	1,998	2,038	2,079	2,121	2,163	2,206	2,250	2,295	2,341	2,388	2,436	2,485	2,534	2,585	2,637	2,689	2,743	2,798	2,854	2,911	2,969	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
$36,050.68	$36,050.68	O&M		-	-	-	-	-	2,536	2,573	2,633	2,694	2,776	3,046	3,119	3,193	3,268	3,365	3,424	3,504	3,587	3,841	3,777	3,846	3,937	4,030	4,125	4,243	4,324	4,427	4,534	4,643	4,775	4,871	4,989	5,111	5,236	5,384	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
$37,396.11	$38,613.51	Transm Cap RR		-	-	-	-	-	4,797	4,656	4,498	4,349	4,208	4,074	3,945	3,817	3,690	3,562	3,435	3,307	3,179	3,052	2,924	2,811	2,726	2,655	2,584	2,513	2,442	2,372	2,301	2,230	2,159	2,088	2,017	1,947	1,876	1,805	1,734	1,663	1,592	1,522	1,451	1,380	1,309	1,238	1,167	1,097	-	-	-	-	-	-
$1,477.30	$3,753.97	Transm Prop Tx		-	-	-	-	-	330	330	330	330	330	330	330	330	330	330	330	330	330	330	330	330	330	330	330	330	330	330	330	330	330	330	330	330	330	330	330	330	330	330	330	330	330	330	330	330	-	-	-	-	-	-
$751.28	$869.94	Transm Prop Ins		-	-	-	-	-	52	53	55	56	58	60	62	64	65	67	69	72	74	76	78	81	83	85	88	91	93	96	99	102	105	108	112	115	118	122	125	129	133	137	141	145	150	154	159	164	-	-	-	-	-	-
$426,949.56	$428,562.29			-	-	-	-	-	55,727	52,793	49,901	46,021	44,244	42,881	41,749	40,840	39,937	39,078	38,180	37,277	36,378	35,653	37,252	36,180	35,142	34,061	32,984	32,024	31,266	30,270	29,532	28,609	27,928	27,071	26,281	25,558	24,838	31,274																
		299.6 O&M $/kw		-	-	-	-	-	8.46	8.59	8.79	8.99	9.27	10.17	10.41	10.66	10.91	11.23	11.43	11.70	11.97	12.82	12.61	12.84	13.14	13.45	13.77	14.16	14.43	14.78	15.13	15.50	15.94	16.26	16.65	17.06	17.48	17.97	-																
$96,331.22	$117,020.06	117,020		-	-	-	-	-	50,546	47,754	45,018	41,285	39,648	38,416	37,412	36,629	35,852	35,118	34,346	33,568	32,794	32,195	33,920	32,958	32,003	30,991	29,982	29,090	28,400	27,472	26,802	25,947	25,334	24,544	23,822	23,166	22,513	29,017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				-	-	-	-	-	12,637	11,938	11,254	10,321	9,912	9,604	9,353	9,157	8,963	8,779	8,586	8,392	8,199	8,049	8,480	8,240	8,001	7,748	7,495	7,272	7,100	6,868	6,701	6,487	6,334	6,136	5,955	5,791	5,628	7,254																
$36,050.68	$33,786.96	O&M		-	-	-	-	-	2,536	2,573	2,633	2,694	2,776	3,046	3,119	3,193	3,268	3,365	3,424	3,504	3,587	3,841	3,777	3,846	3,937	4,030	4,125	4,243	4,324	4,427	4,534	4,643	4,775	4,871	4,989	5,111	5,236	5,384	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
$349,274.19	$327,342.26	Generation Capital		-	-	-	-	-	48,013	45,181	42,385	38,592	36,872	35,370	34,293	33,437	32,584	31,753	30,922	30,063	29,208	28,354	30,143	29,112	28,066	26,961	25,857	24,847	24,076	23,045	22,268	21,304	20,559	19,673	18,833	18,055	17,278	23,633	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
$43,624.69	$40,522.42	Network Upgrades		-	-	-	-	-	5,179	5,040	4,883	4,736	4,597	4,464	4,337	4,211	4,086	3,960	3,834	3,709	3,583	3,458	3,332	3,221	3,139	3,070	3,002	2,934	2,866	2,798	2,730	2,662	2,594	2,527	2,459	2,392	2,324	2,257	2,190	2,123	2,056	1,989	1,922	1,856	1,789	1,723	1,657	1,591	-	-				
$426,949.56	$401,651.63																																																			
	$13,131	13,131		-	-	-	-	-	1,295	1,260	1,221	1,184	1,149	1,116	1,084	1,053	1,021	990	959	927	896	864	833	805	785	768	751	734	716	699	682	666	649	632	615	598	581	564	547	531	514	497	481	464	447	431	414	398	-	-	-	-	-	-

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CPVRR Through Year 2053 $M 2020$	SoBra700	Clean Energy Connection	Clean Energy Connection Savings	
2022 Solar Together - Generation Capital		191.3	(191.3)	(1,140.3)
2022 Solar Together - Generation Property Taxes		8.0	(8.0)	
2022 Solar Together - Generation Insurance		4.2	(4.2)	
2022 Solar Together - Generation Lease		11.9	(11.9)	
2022 Solar Together - Generation O&M		19.9	(19.9)	
2022 Solar Together - Transmission Capital		21.3	(21.3)	
2022 Solar Together - Transmission Property Taxes		1.9	(1.9)	
2022 Solar Together - Transmission Insurance		0.4	(0.4)	
2023 Solar Together - Generation Capital		328.3	(328.3)	
2023 Solar Together - Generation Property Taxes		14.7	(14.7)	
2023 Solar Together - Generation Insurance		7.3	(7.3)	
2023 Solar Together - Generation Lease		22.7	(22.7)	
2023 Solar Together - Generation O&M		37.9	(37.9)	
2023 Solar Together - Transmission Capital		39.1	(39.1)	
2023 Solar Together - Transmission Property Taxes		3.6	(3.6)	
2023 Solar Together - Transmission Insurance		0.8	(0.8)	
2024 Solar Together - Generation Capital		307.0	(307.0)	
2024 Solar Together - Generation Property Taxes		14.1	(14.1)	
2024 Solar Together - Generation Insurance		6.5	(6.5)	
2024 Solar Together - Generation Lease		21.7	(21.7)	
2024 Solar Together - Generation O&M		36.1	(36.1)	
2024 Solar Together - Transmission Capital		37.4	(37.4)	
2024 Solar Together - Transmission Property Taxes		3.5	(3.5)	
2024 Solar Together - Transmission Insurance		0.8	(0.8)	
Santa_Fe - Generation Capital	107.1	107.1	-	-
Santa_Fe - Generation Property Taxes	5.2	5.2	-	
Santa_Fe - Generation Insurance	2.4	2.4	-	
Santa_Fe - Generation Lease	-	-	-	
Santa_Fe - Generation O&M	17.4	17.4	-	
Santa_Fe - Transmission Capital	20.5	20.5	-	
Santa_Fe - Transmission Property Taxes	2.6	2.6	-	
Santa_Fe - Transmission Insurance	0.4	0.4	-	
Twin_Rivers - Generation Capital	96.7	96.7	-	-
Twin_Rivers - Generation Property Taxes	4.4	4.4	-	
Twin_Rivers - Generation Insurance	2.2	2.2	-	
Twin_Rivers - Generation Lease	4.8	4.8	-	
Twin_Rivers - Generation O&M	16.0	16.0	-	
Twin_Rivers - Transmission Capital	17.6	17.6	-	
Twin_Rivers - Transmission Property Taxes	2.4	2.4	-	
Twin_Rivers - Transmission Insurance	0.4	0.4	-	
Duette - Generation Capital	102.2	102.2	-	-
Duette - Generation Property Taxes	4.2	4.2	-	
Duette - Generation Insurance	2.2	2.2	-	
Duette - Generation Lease	-	-	-	
Duette - Generation O&M	10.1	10.1	-	
Duette - Transmission Capital	2.9	2.9	-	
Duette - Transmission Property Taxes	0.3	0.3	-	
Duette - Transmission Insurance	0.1	0.1	-	
Charlie Creek - Generation Capital	89.9	89.9	-	-
Charlie Creek - Generation Property Taxes	3.4	3.4	-	
Charlie Creek - Generation Insurance	2.0	2.0	-	
Charlie Creek - Generation Lease	6.8	6.8	-	
Charlie Creek - Generation O&M	8.3	8.3	-	
Charlie Creek - Transmission Capital	19.4	19.4	-	
Charlie Creek - Transmission Property Taxes	2.3	2.3	-	
Charlie Creek - Transmission Insurance	0.4	0.4	-	
Archer - Generation Capital	77.7	77.7	-	-
Archer - Generation Property Taxes	4.6	4.6	-	
Archer - Generation Insurance	1.7	1.7	-	
Archer - Generation Lease	-	-	-	
Archer - Generation O&M	8.3	8.3	-	
Archer - Transmission Capital	6.1	6.1	-	
Archer - Transmission Property Taxes	1.0	1.0	-	
Archer - Transmission Insurance	0.1	0.1	-	
Trenton - Generation Capital	104.6	104.6	-	
Trenton - Generation Property Taxes	4.3	4.3	-	

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Trenton - Generation Insurance	2.5	2.5	-	
Trenton - Generation Lease	4.8	4.8	-	
Trenton - Generation O&M	18.3	18.3	-	
Trenton - Transmission Capital	5.3	5.3	-	
Trenton - Transmission Property Taxes	0.5	0.5	-	
Trenton - Transmission Insurance	0.1	0.1	-	
Lake Placid - Generation Capital	63.5	63.5	-	
Lake Placid - Generation Property Taxes	2.2	2.2	-	
Lake Placid - Generation Insurance	1.5	1.5	-	
Lake Placid - Generation Lease	5.3	5.3	-	
Lake Placid - Generation O&M	10.4	10.4	-	
Lake Placid - Transmission Capital	3.8	3.8	-	
Lake Placid - Transmission Property Taxes	0.4	0.4	-	
Lake Placid - Transmission Insurance	0.1	0.1	-	
Debary - Generation Capital	92.9	92.9	-	
Debary - Generation Property Taxes	3.8	3.8	-	
Debary - Generation Insurance	2.2	2.2	-	
Debary - Generation Lease	-	-	-	
Debary - Generation O&M	15.2	15.2	-	
Debary - Transmission Capital	6.4	6.4	-	
Debary - Transmission Property Taxes	0.9	0.9	-	
Debary - Transmission Insurance	0.1	0.1	-	
Hamilton - Generation Capital	109.0	109.0	-	
Hamilton - Generation Property Taxes	11.0	11.0	-	
Hamilton - Generation Insurance	2.9	2.9	-	
Hamilton - Generation Lease	5.7	5.7	-	
Hamilton - Generation O&M	19.5	19.5	-	
Hamilton - Transmission Capital	8.5	8.5	-	
Hamilton - Transmission Property Taxes	1.4	1.4	-	
Hamilton - Transmission Insurance	3.5	3.5	-	
Columbia - Generation Capital	114.3	114.3	-	
Columbia - Generation Property Taxes	4.1	4.1	-	
Columbia - Generation Insurance	2.7	2.7	-	
Columbia - Generation Lease	6.5	6.5	-	
Columbia - Generation O&M	14.2	14.2	-	
Columbia - Transmission Capital	9.4	9.4	-	
Columbia - Transmission Property Taxes	0.9	0.9	-	
Columbia - Transmission Insurance	3.6	3.6	-	
Conventional Generation - Generation Capital	1,740	1,582	158.7	353
Conventional Generation - Transmission Capital	1,987	1,958	28.9	
Conventional Generation - Gas Reservation Charges	6,924	6,770	153.9	
Conventional Generation - FOM	131	119	12.0	
Fuel Cost	22,751	21,924	827.7	893
VOM Cost	3,143	3,099	44.7	
Emerg Energy	2	4	(2.5)	
Energy Rev	-	-	-	
Start Cost	421	400	21.2	
Lime Cost	10.67	10.45	0.2	
Reagent Cost	57	56	1.3	
NOX Cost	6	6	0.3	
SO2 Cost	0	0	0.0	
Total Solar Savings before CO2 Costs	38,494	37,248	106	
CO2 Cost	6,802	6,545	257.6	258
CPVRR Through Year 2054	45,297	43,793	364	364

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CPVRR Through Year 2053 $M 2020$	SoBra700	Clean Energy Connection	Clean Energy Connection Savings	
2022 Solar Together - Generation Capital		191.3	(191.3)	(1,140.3)
2022 Solar Together - Generation Property Taxes		8.0	(8.0)	
2022 Solar Together - Generation Insurance		4.2	(4.2)	
2022 Solar Together - Generation Lease		11.9	(11.9)	
2022 Solar Together - Generation O&M		19.9	(19.9)	
2022 Solar Together - Transmission Capital		21.3	(21.3)	
2022 Solar Together - Transmission Property Taxes		1.9	(1.9)	
2022 Solar Together - Transmission Insurance		0.4	(0.4)	
2023 Solar Together - Generation Capital		328.3	(328.3)	
2023 Solar Together - Generation Property Taxes		14.7	(14.7)	
2023 Solar Together - Generation Insurance		7.3	(7.3)	
2023 Solar Together - Generation Lease		22.7	(22.7)	
2023 Solar Together - Generation O&M		37.9	(37.9)	
2023 Solar Together - Transmission Capital		39.1	(39.1)	
2023 Solar Together - Transmission Property Taxes		3.6	(3.6)	
2023 Solar Together - Transmission Insurance		0.8	(0.8)	
2024 Solar Together - Generation Capital		307.0	(307.0)	
2024 Solar Together - Generation Property Taxes		14.1	(14.1)	
2024 Solar Together - Generation Insurance		6.5	(6.5)	
2024 Solar Together - Generation Lease		21.7	(21.7)	
2024 Solar Together - Generation O&M		36.1	(36.1)	
2024 Solar Together - Transmission Capital		37.4	(37.4)	
2024 Solar Together - Transmission Property Taxes		3.5	(3.5)	
2024 Solar Together - Transmission Insurance		0.8	(0.8)	
Santa_Fe - Generation Capital	107.1	107.1	-	-
Santa_Fe - Generation Property Taxes	5.2	5.2	-	
Santa_Fe - Generation Insurance	2.4	2.4	-	
Santa_Fe - Generation Lease	-	-	-	
Santa_Fe - Generation O&M	17.4	17.4	-	
Santa_Fe - Transmission Capital	20.5	20.5	-	
Santa_Fe - Transmission Property Taxes	2.6	2.6	-	
Santa_Fe - Transmission Insurance	0.4	0.4	-	
Twin_Rivers - Generation Capital	96.7	96.7	-	-
Twin_Rivers - Generation Property Taxes	4.4	4.4	-	
Twin_Rivers - Generation Insurance	2.2	2.2	-	
Twin_Rivers - Generation Lease	4.8	4.8	-	
Twin_Rivers - Generation O&M	16.0	16.0	-	
Twin_Rivers - Transmission Capital	17.6	17.6	-	
Twin_Rivers - Transmission Property Taxes	2.4	2.4	-	
Twin_Rivers - Transmission Insurance	0.4	0.4	-	
Duette - Generation Capital	102.2	102.2	-	-
Duette - Generation Property Taxes	4.2	4.2	-	
Duette - Generation Insurance	2.2	2.2	-	
Duette - Generation Lease	-	-	-	
Duette - Generation O&M	10.1	10.1	-	
Duette - Transmission Capital	2.9	2.9	-	
Duette - Transmission Property Taxes	0.3	0.3	-	
Duette - Transmission Insurance	0.1	0.1	-	
Charlie Creek - Generation Capital	89.9	89.9	-	-
Charlie Creek - Generation Property Taxes	3.4	3.4	-	
Charlie Creek - Generation Insurance	2.0	2.0	-	
Charlie Creek - Generation Lease	6.8	6.8	-	
Charlie Creek - Generation O&M	8.3	8.3	-	
Charlie Creek - Transmission Capital	19.4	19.4	-	
Charlie Creek - Transmission Property Taxes	2.3	2.3	-	
Charlie Creek - Transmission Insurance	0.4	0.4	-	
Archer - Generation Capital	77.7	77.7	-	-
Archer - Generation Property Taxes	4.6	4.6	-	
Archer - Generation Insurance	1.7	1.7	-	
Archer - Generation Lease	-	-	-	
Archer - Generation O&M	8.3	8.3	-	
Archer - Transmission Capital	6.1	6.1	-	
Archer - Transmission Property Taxes	1.0	1.0	-	
Archer - Transmission Insurance	0.1	0.1	-	
Trenton - Generation Capital	104.6	104.6	-	
Trenton - Generation Property Taxes	4.3	4.3	-	
Trenton - Generation Insurance	2.5	2.5	-	

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Trenton - Generation Lease	4.8	4.8	-
Trenton - Generation O&M	18.3	18.3	-
Trenton - Transmission Capital	5.3	5.3	-
Trenton - Transmission Property Taxes	0.5	0.5	-
Trenton - Transmission Insurance	0.1	0.1	-
Lake Placid - Generation Capital	63.5	63.5	-
Lake Placid - Generation Property Taxes	2.2	2.2	-
Lake Placid - Generation Insurance	1.5	1.5	-
Lake Placid - Generation Lease	5.3	5.3	-
Lake Placid - Generation O&M	10.4	10.4	-
Lake Placid - Transmission Capital	3.8	3.8	-
Lake Placid - Transmission Property Taxes	0.4	0.4	-
Lake Placid - Transmission Insurance	0.1	0.1	-

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CPVRR Through Year 2053 $M 2020$	SoBra700	Clean Energy Connection	Clean Energy Connection Savings	
2022 Solar Together - Generation Capital		191.3	(191.3)	(1,140.3)
2022 Solar Together - Generation Property Taxes		8.0	(8.0)	
2022 Solar Together - Generation Insurance		4.2	(4.2)	
2022 Solar Together - Generation Lease		11.9	(11.9)	
2022 Solar Together - Generation O&M		19.9	(19.9)	
2022 Solar Together - Transmission Capital		21.3	(21.3)	
2022 Solar Together - Transmission Property Taxes		1.9	(1.9)	
2022 Solar Together - Transmission Insurance		0.4	(0.4)	
2023 Solar Together - Generation Capital		328.3	(328.3)	
2023 Solar Together - Generation Property Taxes		14.7	(14.7)	
2023 Solar Together - Generation Insurance		7.3	(7.3)	
2023 Solar Together - Generation Lease		22.7	(22.7)	
2023 Solar Together - Generation O&M		37.9	(37.9)	
2023 Solar Together - Transmission Capital		39.1	(39.1)	
2023 Solar Together - Transmission Property Taxes		3.6	(3.6)	
2023 Solar Together - Transmission Insurance		0.8	(0.8)	
2024 Solar Together - Generation Capital		307.0	(307.0)	
2024 Solar Together - Generation Property Taxes		14.1	(14.1)	
2024 Solar Together - Generation Insurance		6.5	(6.5)	
2024 Solar Together - Generation Lease		21.7	(21.7)	
2024 Solar Together - Generation O&M		36.1	(36.1)	
2024 Solar Together - Transmission Capital		37.4	(37.4)	
2024 Solar Together - Transmission Property Taxes		3.5	(3.5)	
2024 Solar Together - Transmission Insurance		0.8	(0.8)	
Santa_Fe - Generation Capital	107.1	107.1	-	-
Santa_Fe - Generation Property Taxes	5.2	5.2	-	
Santa_Fe - Generation Insurance	2.4	2.4	-	
Santa_Fe - Generation Lease	-	-	-	
Santa_Fe - Generation O&M	17.4	17.4	-	
Santa_Fe - Transmission Capital	20.5	20.5	-	
Santa_Fe - Transmission Property Taxes	2.6	2.6	-	
Santa_Fe - Transmission Insurance	0.4	0.4	-	
Twin_Rivers - Generation Capital	96.7	96.7	-	-
Twin_Rivers - Generation Property Taxes	4.4	4.4	-	
Twin_Rivers - Generation Insurance	2.2	2.2	-	
Twin_Rivers - Generation Lease	4.8	4.8	-	
Twin_Rivers - Generation O&M	16.0	16.0	-	
Twin_Rivers - Transmission Capital	17.6	17.6	-	
Twin_Rivers - Transmission Property Taxes	2.4	2.4	-	
Twin_Rivers - Transmission Insurance	0.4	0.4	-	
Duette - Generation Capital	102.2	102.2	-	-
Duette - Generation Property Taxes	4.2	4.2	-	
Duette - Generation Insurance	2.2	2.2	-	
Duette - Generation Lease	-	-	-	
Duette - Generation O&M	10.1	10.1	-	
Duette - Transmission Capital	2.9	2.9	-	
Duette - Transmission Property Taxes	0.3	0.3	-	
Duette - Transmission Insurance	0.1	0.1	-	
Charlie Creek - Generation Capital	89.9	89.9	-	-
Charlie Creek - Generation Property Taxes	3.4	3.4	-	
Charlie Creek - Generation Insurance	2.0	2.0	-	
Charlie Creek - Generation Lease	6.8	6.8	-	
Charlie Creek - Generation O&M	8.3	8.3	-	
Charlie Creek - Transmission Capital	19.4	19.4	-	
Charlie Creek - Transmission Property Taxes	2.3	2.3	-	
Charlie Creek - Transmission Insurance	0.4	0.4	-	
Archer - Generation Capital	77.7	77.7	-	-
Archer - Generation Property Taxes	4.6	4.6	-	
Archer - Generation Insurance	1.7	1.7	-	
Archer - Generation Lease	-	-	-	
Archer - Generation O&M	8.3	8.3	-	
Archer - Transmission Capital	6.1	6.1	-	
Archer - Transmission Property Taxes	1.0	1.0	-	
Archer - Transmission Insurance	0.1	0.1	-	
Trenton - Generation Capital	104.6	104.6	-	
Trenton - Generation Property Taxes	4.3	4.3	-	

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Trenton - Generation Insurance	2.5	2.5	-	
Trenton - Generation Lease	4.8	4.8	-	
Trenton - Generation O&M	18.3	18.3	-	
Trenton - Transmission Capital	5.3	5.3	-	
Trenton - Transmission Property Taxes	0.5	0.5	-	
Trenton - Transmission Insurance	0.1	0.1	-	
Lake Placid - Generation Capital	63.5	63.5	-	
Lake Placid - Generation Property Taxes	2.2	2.2	-	
Lake Placid - Generation Insurance	1.5	1.5	-	
Lake Placid - Generation Lease	5.3	5.3	-	
Lake Placid - Generation O&M	10.4	10.4	-	
Lake Placid - Transmission Capital	3.8	3.8	-	
Lake Placid - Transmission Property Taxes	0.4	0.4	-	
Lake Placid - Transmission Insurance	0.1	0.1	-	
Debary - Generation Capital	92.9	92.9	-	
Debary - Generation Property Taxes	3.8	3.8	-	
Debary - Generation Insurance	2.2	2.2	-	
Debary - Generation Lease	-	-	-	
Debary - Generation O&M	15.2	15.2	-	
Debary - Transmission Capital	6.4	6.4	-	
Debary - Transmission Property Taxes	0.9	0.9	-	
Debary - Transmission Insurance	0.1	0.1	-	
Hamilton - Generation Capital	109.0	109.0	-	
Hamilton - Generation Property Taxes	11.0	11.0	-	
Hamilton - Generation Insurance	2.9	2.9	-	
Hamilton - Generation Lease	5.7	5.7	-	
Hamilton - Generation O&M	19.5	19.5	-	
Hamilton - Transmission Capital	8.5	8.5	-	
Hamilton - Transmission Property Taxes	1.4	1.4	-	
Hamilton - Transmission Insurance	3.5	3.5	-	
Columbia - Generation Capital	114.3	114.3	-	
Columbia - Generation Property Taxes	4.1	4.1	-	
Columbia - Generation Insurance	2.7	2.7	-	
Columbia - Generation Lease	6.5	6.5	-	
Columbia - Generation O&M	14.2	14.2	-	
Columbia - Transmission Capital	9.4	9.4	-	
Columbia - Transmission Property Taxes	0.9	0.9	-	
Columbia - Transmission Insurance	3.6	3.6	-	
Conventional Generation - Generation Capital	1,740	1,582	158.7	353
Conventional Generation - Transmission Capital	1,987	1,958	28.9	
Conventional Generation - Gas Reservation Charges	6,924	6,770	153.9	
Conventional Generation - FOM	131	119	12.0	
Fuel Cost	22,607	21,785	821.9	890
VOM Cost	3,134	3,089	44.8	
Emerg Energy	2	4	(2.5)	
Energy Rev	-	-	-	
Start Cost	403	380	22.5	
Lime Cost	13.29	12.82	0.5	
Reagent Cost	68	66	2.3	
NOX Cost	6	6	0.3	
SO2 Cost	0	0	0.0	
Total Solar Savings before CO2 Costs	38,336	37,093	103	
CO2 Cost	-	-	-	-
CPVRR Through Year 2054	38,336	37,093	103	103

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CPVRR Through Year 2053 $M 2020$	SoBra700	Clean Energy Connection	Clean Energy Connection Savings	
2022 Solar Together - Generation Capital		191.3	(191.3)	(1,140.3)
2022 Solar Together - Generation Property Taxes		8.0	(8.0)	
2022 Solar Together - Generation Insurance		4.2	(4.2)	
2022 Solar Together - Generation Lease		11.9	(11.9)	
2022 Solar Together - Generation O&M		19.9	(19.9)	
2022 Solar Together - Transmission Capital		21.3	(21.3)	
2022 Solar Together - Transmission Property Taxes		1.9	(1.9)	
2022 Solar Together - Transmission Insurance		0.4	(0.4)	
2023 Solar Together - Generation Capital		328.3	(328.3)	
2023 Solar Together - Generation Property Taxes		14.7	(14.7)	
2023 Solar Together - Generation Insurance		7.3	(7.3)	
2023 Solar Together - Generation Lease		22.7	(22.7)	
2023 Solar Together - Generation O&M		37.9	(37.9)	
2023 Solar Together - Transmission Capital		39.1	(39.1)	
2023 Solar Together - Transmission Property Taxes		3.6	(3.6)	
2023 Solar Together - Transmission Insurance		0.8	(0.8)	
2024 Solar Together - Generation Capital		307.0	(307.0)	
2024 Solar Together - Generation Property Taxes		14.1	(14.1)	
2024 Solar Together - Generation Insurance		6.5	(6.5)	
2024 Solar Together - Generation Lease		21.7	(21.7)	
2024 Solar Together - Generation O&M		36.1	(36.1)	
2024 Solar Together - Transmission Capital		37.4	(37.4)	
2024 Solar Together - Transmission Property Taxes		3.5	(3.5)	
2024 Solar Together - Transmission Insurance		0.8	(0.8)	
Santa_Fe - Generation Capital	107.1	107.1	-	-
Santa_Fe - Generation Property Taxes	5.2	5.2	-	
Santa_Fe - Generation Insurance	2.4	2.4	-	
Santa_Fe - Generation Lease	-	-	-	
Santa_Fe - Generation O&M	17.4	17.4	-	
Santa_Fe - Transmission Capital	20.5	20.5	-	
Santa_Fe - Transmission Property Taxes	2.6	2.6	-	
Santa_Fe - Transmission Insurance	0.4	0.4	-	
Twin_Rivers - Generation Capital	96.7	96.7	-	-
Twin_Rivers - Generation Property Taxes	4.4	4.4	-	
Twin_Rivers - Generation Insurance	2.2	2.2	-	
Twin_Rivers - Generation Lease	4.8	4.8	-	
Twin_Rivers - Generation O&M	16.0	16.0	-	
Twin_Rivers - Transmission Capital	17.6	17.6	-	
Twin_Rivers - Transmission Property Taxes	2.4	2.4	-	
Twin_Rivers - Transmission Insurance	0.4	0.4	-	
Duette - Generation Capital	102.2	102.2	-	-
Duette - Generation Property Taxes	4.2	4.2	-	
Duette - Generation Insurance	2.2	2.2	-	
Duette - Generation Lease	-	-	-	
Duette - Generation O&M	10.1	10.1	-	
Duette - Transmission Capital	2.9	2.9	-	
Duette - Transmission Property Taxes	0.3	0.3	-	
Duette - Transmission Insurance	0.1	0.1	-	
Charlie Creek - Generation Capital	89.9	89.9	-	-
Charlie Creek - Generation Property Taxes	3.4	3.4	-	
Charlie Creek - Generation Insurance	2.0	2.0	-	
Charlie Creek - Generation Lease	6.8	6.8	-	
Charlie Creek - Generation O&M	8.3	8.3	-	
Charlie Creek - Transmission Capital	19.4	19.4	-	
Charlie Creek - Transmission Property Taxes	2.3	2.3	-	
Charlie Creek - Transmission Insurance	0.4	0.4	-	
Archer - Generation Capital	77.7	77.7	-	-
Archer - Generation Property Taxes	4.6	4.6	-	
Archer - Generation Insurance	1.7	1.7	-	
Archer - Generation Lease	-	-	-	

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Archer - Generation O&M	8.3	8.3	-	
Archer - Transmission Capital	6.1	6.1	-	
Archer - Transmission Property Taxes	1.0	1.0	-	
Archer - Transmission Insurance	0.1	0.1	-	
Trenton - Generation Capital	104.6	104.6	-	
Trenton - Generation Property Taxes	4.3	4.3	-	
Trenton - Generation Insurance	2.5	2.5	-	
Trenton - Generation Lease	4.8	4.8	-	
Trenton - Generation O&M	18.3	18.3	-	
Trenton - Transmission Capital	5.3	5.3	-	
Trenton - Transmission Property Taxes	0.5	0.5	-	
Trenton - Transmission Insurance	0.1	0.1	-	
Lake Placid - Generation Capital	63.5	63.5	-	
Lake Placid - Generation Property Taxes	2.2	2.2	-	
Lake Placid - Generation Insurance	1.5	1.5	-	
Lake Placid - Generation Lease	5.3	5.3	-	
Lake Placid - Generation O&M	10.4	10.4	-	
Lake Placid - Transmission Capital	3.8	3.8	-	
Lake Placid - Transmission Property Taxes	0.4	0.4	-	
Lake Placid - Transmission Insurance	0.1	0.1	-	
Debary - Generation Capital	92.9	92.9	-	
Debary - Generation Property Taxes	3.8	3.8	-	
Debary - Generation Insurance	2.2	2.2	-	
Debary - Generation Lease	-	-	-	
Debary - Generation O&M	15.2	15.2	-	
Debary - Transmission Capital	6.4	6.4	-	
Debary - Transmission Property Taxes	0.9	0.9	-	
Debary - Transmission Insurance	0.1	0.1	-	
Hamilton - Generation Capital	109.0	109.0	-	
Hamilton - Generation Property Taxes	11.0	11.0	-	
Hamilton - Generation Insurance	2.9	2.9	-	
Hamilton - Generation Lease	5.7	5.7	-	
Hamilton - Generation O&M	19.5	19.5	-	
Hamilton - Transmission Capital	8.5	8.5	-	
Hamilton - Transmission Property Taxes	1.4	1.4	-	
Hamilton - Transmission Insurance	3.5	3.5	-	
Columbia - Generation Capital	114.3	114.3	-	
Columbia - Generation Property Taxes	4.1	4.1	-	
Columbia - Generation Insurance	2.7	2.7	-	
Columbia - Generation Lease	6.5	6.5	-	
Columbia - Generation O&M	14.2	14.2	-	
Columbia - Transmission Capital	9.4	9.4	-	
Columbia - Transmission Property Taxes	0.9	0.9	-	
Columbia - Transmission Insurance	3.6	3.6	-	
Conventional Generation - Generation Capital	1,740	1,582	158.7	353
Conventional Generation - Transmission Capital	1,987	1,958	28.9	
Conventional Generation - Gas Reservation Charges	6,924	6,770	153.9	
Conventional Generation - FOM	131	119	12.0	
Fuel Cost	19,703	19,001	701.9	769
VOM Cost	3,145	3,101	44.9	
Emerg Energy	2	4	(2.5)	
Energy Rev	-	-	-	
Start Cost	423	399	24.3	
Lime Cost	9.21	9.25	(0.0)	
Reagent Cost	51	51	0.3	
NOX Cost	6	6	0.3	
SO2 Cost	0	0	0.0	
Total Solar Savings before CO2 Costs	35,442	34,319	(18)	
CO2 Cost	11,795	11,366	428.8	429
CPVRR Through Year 2054	47,237	45,685	411	411

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CPVRR Through Year 2053 $M 2020$	SoBra700	Clean Energy Connection	Clean Energy Connection Savings	
2022 Solar Together - Generation Capital		191.3	(191.3)	(1,140.3)
2022 Solar Together - Generation Property Taxes		8.0	(8.0)	
2022 Solar Together - Generation Insurance		4.2	(4.2)	
2022 Solar Together - Generation Lease		11.9	(11.9)	
2022 Solar Together - Generation O&M		19.9	(19.9)	
2022 Solar Together - Transmission Capital		21.3	(21.3)	
2022 Solar Together - Transmission Property Taxes		1.9	(1.9)	
2022 Solar Together - Transmission Insurance		0.4	(0.4)	
2023 Solar Together - Generation Capital		328.3	(328.3)	
2023 Solar Together - Generation Property Taxes		14.7	(14.7)	
2023 Solar Together - Generation Insurance		7.3	(7.3)	
2023 Solar Together - Generation Lease		22.7	(22.7)	
2023 Solar Together - Generation O&M		37.9	(37.9)	
2023 Solar Together - Transmission Capital		39.1	(39.1)	
2023 Solar Together - Transmission Property Taxes		3.6	(3.6)	
2023 Solar Together - Transmission Insurance		0.8	(0.8)	
2024 Solar Together - Generation Capital		307.0	(307.0)	
2024 Solar Together - Generation Property Taxes		14.1	(14.1)	
2024 Solar Together - Generation Insurance		6.5	(6.5)	
2024 Solar Together - Generation Lease		21.7	(21.7)	
2024 Solar Together - Generation O&M		36.1	(36.1)	
2024 Solar Together - Transmission Capital		37.4	(37.4)	
2024 Solar Together - Transmission Property Taxes		3.5	(3.5)	
2024 Solar Together - Transmission Insurance		0.8	(0.8)	
Santa_Fe - Generation Capital	107.1	107.1	-	-
Santa_Fe - Generation Property Taxes	5.2	5.2	-	
Santa_Fe - Generation Insurance	2.4	2.4	-	
Santa_Fe - Generation Lease	-	-	-	
Santa_Fe - Generation O&M	17.4	17.4	-	
Santa_Fe - Transmission Capital	20.5	20.5	-	
Santa_Fe - Transmission Property Taxes	2.6	2.6	-	
Santa_Fe - Transmission Insurance	0.4	0.4	-	
Twin_Rivers - Generation Capital	96.7	96.7	-	-
Twin_Rivers - Generation Property Taxes	4.4	4.4	-	
Twin_Rivers - Generation Insurance	2.2	2.2	-	
Twin_Rivers - Generation Lease	4.8	4.8	-	
Twin_Rivers - Generation O&M	16.0	16.0	-	
Twin_Rivers - Transmission Capital	17.6	17.6	-	
Twin_Rivers - Transmission Property Taxes	2.4	2.4	-	
Twin_Rivers - Transmission Insurance	0.4	0.4	-	
Duette - Generation Capital	102.2	102.2	-	-
Duette - Generation Property Taxes	4.2	4.2	-	
Duette - Generation Insurance	2.2	2.2	-	
Duette - Generation Lease	-	-	-	
Duette - Generation O&M	10.1	10.1	-	
Duette - Transmission Capital	2.9	2.9	-	
Duette - Transmission Property Taxes	0.3	0.3	-	
Duette - Transmission Insurance	0.1	0.1	-	
Charlie Creek - Generation Capital	89.9	89.9	-	-
Charlie Creek - Generation Property Taxes	3.4	3.4	-	
Charlie Creek - Generation Insurance	2.0	2.0	-	
Charlie Creek - Generation Lease	6.8	6.8	-	
Charlie Creek - Generation O&M	8.3	8.3	-	
Charlie Creek - Transmission Capital	19.4	19.4	-	
Charlie Creek - Transmission Property Taxes	2.3	2.3	-	
Charlie Creek - Transmission Insurance	0.4	0.4	-	
Archer - Generation Capital	77.7	77.7	-	-
Archer - Generation Property Taxes	4.6	4.6	-	
Archer - Generation Insurance	1.7	1.7	-	
Archer - Generation Lease	-	-	-	

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Archer - Generation O&M	8.3	8.3	-	
Archer - Transmission Capital	6.1	6.1	-	
Archer - Transmission Property Taxes	1.0	1.0	-	
Archer - Transmission Insurance	0.1	0.1	-	
Trenton - Generation Capital	104.6	104.6	-	
Trenton - Generation Property Taxes	4.3	4.3	-	
Trenton - Generation Insurance	2.5	2.5	-	
Trenton - Generation Lease	4.8	4.8	-	
Trenton - Generation O&M	18.3	18.3	-	
Trenton - Transmission Capital	5.3	5.3	-	
Trenton - Transmission Property Taxes	0.5	0.5	-	
Trenton - Transmission Insurance	0.1	0.1	-	
Lake Placid - Generation Capital	63.5	63.5	-	
Lake Placid - Generation Property Taxes	2.2	2.2	-	
Lake Placid - Generation Insurance	1.5	1.5	-	
Lake Placid - Generation Lease	5.3	5.3	-	
Lake Placid - Generation O&M	10.4	10.4	-	
Lake Placid - Transmission Capital	3.8	3.8	-	
Lake Placid - Transmission Property Taxes	0.4	0.4	-	
Lake Placid - Transmission Insurance	0.1	0.1	-	
Debary - Generation Capital	92.9	92.9	-	
Debary - Generation Property Taxes	3.8	3.8	-	
Debary - Generation Insurance	2.2	2.2	-	
Debary - Generation Lease	-	-	-	
Debary - Generation O&M	15.2	15.2	-	
Debary - Transmission Capital	6.4	6.4	-	
Debary - Transmission Property Taxes	0.9	0.9	-	
Debary - Transmission Insurance	0.1	0.1	-	
Hamilton - Generation Capital	109.0	109.0	-	
Hamilton - Generation Property Taxes	11.0	11.0	-	
Hamilton - Generation Insurance	2.9	2.9	-	
Hamilton - Generation Lease	5.7	5.7	-	
Hamilton - Generation O&M	19.5	19.5	-	
Hamilton - Transmission Capital	8.5	8.5	-	
Hamilton - Transmission Property Taxes	1.4	1.4	-	
Hamilton - Transmission Insurance	3.5	3.5	-	
Columbia - Generation Capital	114.3	114.3	-	
Columbia - Generation Property Taxes	4.1	4.1	-	
Columbia - Generation Insurance	2.7	2.7	-	
Columbia - Generation Lease	6.5	6.5	-	
Columbia - Generation O&M	14.2	14.2	-	
Columbia - Transmission Capital	9.4	9.4	-	
Columbia - Transmission Property Taxes	0.9	0.9	-	
Columbia - Transmission Insurance	3.6	3.6	-	
Conventional Generation - Generation Capital	1,740	1,582	158.7	353
Conventional Generation - Transmission Capital	1,987	1,958	28.9	
Conventional Generation - Gas Reservation Charges	6,924	6,770	153.9	
Conventional Generation - FOM	131	119	12.0	
Fuel Cost	30,192	29,080	1,112.6	1,179
VOM Cost	3,133	3,088	44.7	
Emerg Energy	2	4	(2.5)	
Energy Rev	-	-	-	
Start Cost	441	420	21.5	
Lime Cost	15.65	15.15	0.5	
Reagent Cost	75	72	2.4	
NOX Cost	6	6	0.3	
SO2 Cost	0	0	0.0	
Total Solar Savings before CO2 Costs	45,968	44,435	393	
CO2 Cost	11,924	11,478	446.0	446
CPVRR Through Year 2054	57,892	55,913	839	839

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	1x F Class Frame SCGT - Dual Fuel with Evap Coolers NO SCR Fast Start 10-12min			CC 2x1 J Greenfield Unit Dual Fuel with Evaporating Coolers	
	First Unit	Next Unit	Avg	First Unit	
EPC Project Capital Costs, 2019 MM$ (w/o Owner's Costs)	**$120**	**$89**	**$97**		388.7192027
Engineering	$5	$2			
Gas Turbines/Engines	$40	$40			
GSU (Note 6)	$3	$3			
Environmental Equipment (SCR/CO)	$0	$0			
BOP Equipment and Materials	$15	$12			
Construction	$28	$15			
Indirects and Fees	$24	$15			
EPC Contingency	$5	$4			
Owner's Costs, 2019 MM$	**$31**	**$15**	**$19**		75.18595837
Owner's Project Development	$0.3	$0.0			
Owner's Operational Personnel Prior to COD	$0.3	$0.0			
Owner's Engineer	$0.8	$0.0			
Owner's Project Management	$1.0	$0.0			
Owner's Legal Costs	$0.5	$0.0			
Owner's Start-up Engineering and Training	$1.5	$0.8			
Land	$0.9	$0.5			
Construction Power and Water	$0.5	$0.1			
Permitting and Licensing Fees	$0.5	$0.0			
Switchyard	$5.3	$1.8			
Political Concessions & Area Development Fees	$0.5	$0.0			
Startup/Testing (Fuel & Consumables)	$2.0	$1.8			
Initial Fuel Inventory	$3.1	$3.1			
Site Security	$0.4	$0.0			
Operating Spare Parts	$5.5	$1.4			
Permanent Plant Equipment and Furnishings	$0.3	$0.0			
Builders Risk Insurance (0.45% of Construction Costs)	$0.5	$0.4			
Owner's Contingency (5% for Screening Purposes)	$7.2	$5.0			
Total Project Costs, 2019 MM$	**$152**	**$104**	**$116**	**$791**	**$464**
~~FAST START CAPABILITY ADD-ON COSTS (Note 12)~~					
EPC Capital Cost, 2019 MM$ (w/o Owner's Costs)	$0.3	$0.3			
Owner's Costs, 2019 MM$	$0.0	$0.0			
FAST START CAPABILITY O&M COSTS (Note 12)					
Incremental Major Maintenance Cost, 2017$/GT-Start	$0	$0			
EVAP COOLER ADD-ON COSTs					
Capital Costs, 2019 MM$	$1.1	$1.1	$1.1		4.245967681
Owner's Costs, 2019 MM$	$0.1	$0.1	$0.1		0.231405239
EVAP COOLER O&M COSTS					
Incremental Fixed O&M Cost, 2017$/kW-Yr	$0.00	$0.00			
Incremental Variable O&M Cost, 2017$/MWh	$0.00	$0.00			
~~SCR ADD-ON COSTs~~					
Capital Costs, 2019 MM$	$24.7	$23.5			
Owner's Costs, 2019 MM$	$1.3	$1.3			
SCR O&M COSTS					
Incremental Fixed O&M Cost, 2019$/kW-Yr	$0.00	$0.00			
Levelized Capital Maintenance - Catalyst Replacements, 2019$/MWh	$0.30	$0.30			
Incremental Variable O&M Cost, 2019$/MWh	$0.50	$0.50			

Generation Capital Cost $MM (No SCRs with Evap Coolers and No Fast Start Cap)	$152.63	$105.250	$117.096	$820.07	
Generation Capital Cost $/kw (No SCRs with Evap Coolers and No Fast Start Cap)	$675.96	$466.12	$518.58	$642.14	
Transmission Adder $MM	$11.76	$2.05	$2.94	$11.76	
Generation Capital + Transmission Adder $MM	$164.39	$107.2975	$120.04	$831.83	
Generation Capital + Transmission Adder $M	$164,391.61	$107,297.50	$120,035.46	$831,834.19	
Generation Capital + Transmission Adder $/kw	$728.04	**$475.19**	**$531.60**	$651.35	CTs: Should match the Generic Units file F9 and G9
Transmission $M $2019	$ 35,875.00	$17,937.50	$22,421.88	$ 420,250.00	
Generation Capital + Transmission $M 2019$	**$200,266.61**	**$125,235.00**	**$142,457.33**	**$1,252,084.19**	
Summer Capacity	**226**	**225.8**	**225.8**	**1277.1**	
Capital (Genaration + Transmission) $/KW 2019$	**886.92**	**554.63**	**630.90**	**980.41**	
	First Unit	**Next Unit**	**Avg**	**First Unit**	
Generation Capital + Transmission $M 2019	**$200,266.61**	**$125,235.00**	**$142,457.33**	**$1,252,084.19**	
Transmission $M $2019	**$35,875.00**	**$17,937.50**	**$22,421.88**	**$420,250.00**	
Generation Capital $M 2019	**$164,391.61**	**$107,297.50**	**$120,035.46**	**$831,834.19**	
LT inflation Rate	1.37%	1.37%	1.37%	1.17%	

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	$000	$/kw
Overnight Costs $2019	17,937.50	79.23
Capacity MW	226	
Book Life	40	
Tax Life	20	
Book Depreciation	2.50%	
Construction Start Month	1	
Construction Start Year	2022	
In Service Month	6	
In Service Year	2024	
Acc Deferred Taxes Debt AFUDC	(63)	
Amortization of Def Taxes Debt AFUDC	2	
Total Construction Expenditures	19,003	83.94
Total AFUDC	1,088	4.81
Total Capitalized Interest	480	2.12
In Service Value	20,091	88.74
PV Revenue Requirements	19,157	84.62
Levelized Revenue Requirements	1,798	7.94
Base year	2019	-
Check	-	

Year	2022	2023	2024
Construction Expenditure Profile	15.60%	45.70%	38.70%
Construction Expenditures $/KW	12.38	36.24	12.32
Accumulated Expenditures $/KW	12.88	51.11	83.94
AFUDC $/KW	0.45	2.29	2.06
Accumulated AFUDC $/KW	0.45	2.74	4.81
Capitalized Interest $/KW	0.20	1.01	0.90
Accumulated CI $/KW	0.20	1.22	2.12
In Service Value $/KW	89	-	-
Construction Expenditures $000	2,915	8,657	7,431
AFUDC $000	103	518	467
Debt AFUDC $000	21.58	108.76	98.13
Equity AFUDC $000	81.18	409.15	369.17
Capitalized Interest $000	46	230	204

CPVRR - RR	CPVRR - LEV	CPVRR -ICC
19,157.09	19,157.09	19,157.09
	-	(0)
		19,157.09

K Factor	1.01

ICC 2026
1,572.13

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	$000	$/kw
Overnight Costs $2019	22,421.88	99.04
Capacity MW	226	
Book Life	40	
Tax Life	20	
Book Depreciation	2.50%	
Construction Start Month	1	
Construction Start Year	2022	
In Service Month	6	
In Service Year	2024	
Acc Deferred Taxes Debt AFUDC	(79)	
Amortization of Def Taxes Debt AFUDC	2	
Total Construction Expenditures	23,754	104.92
Total AFUDC	1,360	6.01
Total Capitalized Interest	600	2.65
In Service Value	25,114	110.93
PV Revenue Requirements	23,946	105.77
Levelized Revenue Requirements	2,247	9.93
Base year	2019	
Check	-	

Year	2022	2023	2024
Construction Expenditure Profile	15.60%	45.70%	38.70%
Construction Expenditures $/KW	16.09	47.80	41.03
Accumulated Expenditures $/KW	16.09	63.89	104.92
AFUDC $/KW	0.57	2.86	2.58
Accumulated AFUDC $/KW	0.57	3.43	6.01
Capitalized Interest $/KW	0.25	1.27	1.13
Accumulated CI $/KW	0.25	1.52	2.65
In Service Value $/KW	111		
Construction Expenditures $000	3,643.82	10,821.03	9,289.31
AFUDC $000	128.44	647.30	584.13
Debt AFUDC $000	26.97	135.95	122.67
Equity AFUDC $000	101.47	511.44	461.46
Capitalized Interest $000	57	287	255

CPVRR - RR	CPVRR - LEV	CPVRR -ECC
23,946.37	23,946.37	23,946.37
		0
		23,946.37

K Factor	1.01

ECC 2024
1,965

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	$000	$/kw
Overnight Costs $2019	420,250.00	329.07
Capacity MW	1,277	
Book Life	40	
Tax Life	20	
Book Depreciation	2.50%	
Construction Start Month	1	
Construction Start Year	2021	
In Service Month	6	
In Service Year	2024	
Acc Deferred Taxes Debt AFUDC	(1,636)	
Amortization of Def Taxes Debt AFUDC	41	
Total Construction Expenditures	460,875	345.22
Total AFUDC	28,512	22.33
Total Capitalized Interest	12,526	9.81
In Service Value	469,387	367.54
PV Revenue Requirements	2,151,813	1,684.92
Levelized Revenue Requirements	201,959	158.14
Base year	2019	
Check	-	

Year	2021	2022	2023	2024
Construction Expenditure Profile	4.00%	15.20%	45.20%	35.60%
Construction Expenditures $/KW	13.47	51.79	155.81	124.19
Accumulated Expenditures $/KW	13.47	65.26	221.07	345.27
AFUDC $/KW	0.47	2.81	10.32	8.72
Accumulated AFUDC $/KW	0.47	3.28	13.61	22.33
Capitalized Interest $/KW	0.21	1.25	4.56	3.80
Accumulated CI $/KW	0.21	1.46	6.01	9.81
In Service Value $/KW	368	-	-	-
Construction Expenditures $000	17,204.80	66,141.55	198,980.37	158,548.75
AFUDC $000	606.47	3,587.18	13,185.63	11,132.55
Debt AFUDC $000	127.30	753.51	2,768.98	2,337.93
Equity AFUDC $000	479.11	2,833.66	10,416.65	8,794.71
Capitalized Interest $000	271	1,593	5,818	4,847

CPVRR - RR	CPVRR - LEV	CPVRR -ECC
2,151,813.39	2,151,813.39	2,151,813.39
	-	
	2,151,813.39	

K Factor	4.88
REC $000	-
	181,079

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	1x F Class Frame SCGT - Dual Fuel with Evap Coolers NO SCR Fast Start 10-12min			CC 2x1 J Greenfield Unit Dual Fuel with Evaporating Coolers	
	First Unit	Next Unit	Avg	First Unit	
EPC Project Capital Costs, 2019 MM$ (w/o Owner's Costs)	**$120**	**$89**	**$97**		388.7192027
Engineering	$5	$2			
Gas Turbines/Engines	$40	$40			
GSU (Note 6)	$3	$3			
Environmental Equipment (SCR/CO)	$0	$0			
BOP Equipment and Materials	$15	$12			
Construction	$28	$15			
Indirects and Fees	$24	$15			
EPC Contingency	$5	$4			
Owner's Costs, 2019 MM$	**$31**	**$15**	**$19**		75.18595837
Owner's Project Development	$0.3	$0.0			
Owner's Operational Personnel Prior to COD	$0.3	$0.0			
Owner's Engineer	$0.8	$0.0			
Owner's Project Management	$1.0	$0.0			
Owner's Legal Costs	$0.5	$0.0			
Owner's Start-up Engineering and Training	$1.5	$0.8			
Land	$0.9	$0.5			
Construction Power and Water	$0.5	$0.1			
Permitting and Licensing Fees	$0.5	$0.0			
Switchyard	$5.3	$1.8			
Political Concessions & Area Development Fees	$0.5	$0.0			
Startup/Testing (Fuel & Consumables)	$2.0	$1.8			
Initial Fuel Inventory	$3.1	$3.1			
Site Security	$0.4	$0.0			
Operating Spare Parts	$5.5	$1.4			
Permanent Plant Equipment and Furnishings	$0.3	$0.0			
Builders Risk Insurance (0.45% of Construction Costs)	$0.5	$0.4			
Owner's Contingency (5% for Screening Purposes)	$7.2	$5.0			
Total Project Costs, 2019 MM$	**$152**	**$104**	**$116**	**$791**	**$464**
~~FAST START CAPABILITY ADD-ON COSTS (Note 12)~~					
EPC Capital Cost, 2019 MM$ (w/o Owner's Costs)	$0.3	$0.3			
Owner's Costs, 2019 MM$	$0.0	$0.0			
FAST START CAPABILITY O&M COSTS (Note 12)					
Incremental Major Maintenance Cost, 2017$/GT-Start	$0	$0			
EVAP COOLER ADD-ON COSTs					
Capital Costs, 2019 MM$	$1.1	$1.1	$1.1		4.245967681
Owner's Costs, 2019 MM$	$0.1	$0.1	$0.1		0.231405239
EVAP COOLER O&M COSTS					
Incremental Fixed O&M Cost, 2017$/kW-Yr	$0.00	$0.00			
Incremental Variable O&M Cost, 2017$/MWh	$0.00	$0.00			
~~SCR ADD-ON COSTs~~					
Capital Costs, 2019 MM$	$24.7	$23.5			
Owner's Costs, 2019 MM$	$1.3	$1.3			
SCR O&M COSTS					
Incremental Fixed O&M Cost, 2019$/kW-Yr	$0.00	$0.00			
Levelized Capital Maintenance - Catalyst Replacements, 2019$/MWh	$0.30	$0.30			
Incremental Variable O&M Cost, 2019$/MWh	$0.50	$0.50			

Generation Capital Cost $MM (No SCRs with Evap Coolers and No Fast Start Cap)	$152.63	$105.250	$117.096	$820.07
Generation Capital Cost $/kw (No SCRs with Evap Coolers and No Fast Start Cap)	$675.96	$466.12	$518.58	$642.14
Transmission Adder $MM	$11.76	$2.05	$2.94	$11.76
Generation Capital + Transmission Adder $MM	$164.39	$107.2975	$120.04	$831.83
Generation Capital + Transmission Adder $M	$164,391.61	$107,297.50	$120,035.46	$831,834.19
Generation Capital + Transmission Adder $/kw	$728.04	**$475.19**	**$531.60**	$651.35
Transmission $M $2019	$ 35,875.00	$17,937.50	$22,421.88	$ 420,250.00
Generation Capital + Transmission $M 2019$	**$200,266.61**	**$125,235.00**	**$142,457.33**	**$1,252,084.19**
Summer Capacity	**226**	**225.8**	**225.8**	**1277.1**
Capital (Genaration + Transmission) $/KW 2019$	**886.92**	**554.63**	**630.90**	**980.41**
	First Unit	**Next Unit**	**Avg**	**First Unit**
Generation Capital + Transmission $M 2019	**$200,266.61**	**$125,235.00**	**$142,457.33**	**$1,252,084.19**
Transmission $M $2019	**$35,875.00**	**$17,937.50**	**$22,421.88**	**$420,250.00**
Generation Capital $M 2019	**$164,391.61**	**$107,297.50**	**$120,035.46**	**$831,834.19**

LT inflation Rate	1.37%	1.37%	1.37%	1.17%

CTs: Should match the Generic Units file F9 and G9

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	$000	$/kw
Overnight Costs $2019	107,297.50	475.19
Capacity MW	226	
Book Life	35	
Tax Life	15	
Book Depreciation	2.86%	
Construction Start Month	1	
Construction Start Year	2022	
In Service Month	6	
In Service Year	2024	
Acc Deferred Taxes Debt AFUDC	(376)	
Amortization of Def Taxes Debt AFUDC	11	
Total Construction Expenditures	113,673	503.42
Total AFUDC	6,508	28.82
Total Capitalized Interest	2,870	12.71
In Service Value	120,181	532.25
PV Revenue Requirements	111,851	495.36
Levelized Revenue Requirements	10,833	47.98
Base year	2019	
Check	-	

Year	2022	2023	2024
Construction Expenditure Profile	15.69%	45.70%	38.70%
Construction Expenditures $/KW	77.22	229.33	196.87
Accumulated Expenditures $/KW	77.22	306.55	503.42
AFUDC $/KW	2.72	13.72	12.38
Accumulated AFUDC $/KW	2.72	16.44	28.82
Capitalized Interest $/KW	1.22	6.08	5.41
Accumulated CI $/KW	1.22	7.30	12.71
In Service Value $/KW	532		
Construction Expenditures $000	17,437	51,781	44,453
AFUDC $000	615	3,098	2,795
Debt AFUDC $000	129.08	650.58	587.05
Equity AFUDC $000	485.58	2,447.42	2,208.29
Capitalized Interest $000	275	1,374	1,222

CPVRR - RR	CPVRR - LEV	CPVRR - ECC
111,851.18	111,851.18	111,851.18
	-	0
		111,851.18

K Factor	0.98

ECC 2024
9,593.43

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	$000	$/kw
Overnight Costs $2019	120,035.46	531.60
Capacity MW	226	
Book Life	35	
Tax Life	15	
Book Depreciation	2.86%	
Construction Start Month	1	
Construction Start Year	2022	
In Service Month	6	
In Service Year	2024	
Acc Deferred Taxes Debt AFUDC	(421)	
Amortization of Def Taxes Debt AFUDC	12	
Total Construction Expenditures	127,168	563.19
Total AFUDC	7,281	32.24
Total Capitalized Interest	3,211	14.22
In Service Value	134,448	595.43
PV Revenue Requirements	125,130	554.16
Levelized Revenue Requirements	12,119	53.67
Base year	2019	
Check	(0)	

Year	2022	2023	2024
Construction Expenditure Profile	15.66%	45.70%	38.70%
Construction Expenditures $/KW	86.39	256.56	220.24
Accumulated Expenditures $/KW	86.39	342.95	563.19
AFUDC $/KW	3.05	15.35	13.85
Accumulated AFUDC $/KW	3.05	18.39	32.24
Capitalized Interest $/KW	1.36	6.80	6.05
Accumulated CI $/KW	1.36	8.17	14.22
In Service Value $/KW	595		
Construction Expenditures $000	19,507	57,930	49,730
AFUDC $000	688	3,466	3,127
Debt AFUDC $000	144.40	727.81	656.70
Equity AFUDC $000	543.23	2,737.97	2,470.45
Capitalized Interest $000	307	1,537	1,367

CPVRR - RR	CPVRR - LEV	CPVRR - ECC
125,129.73	125,129.73	125,129.73
	0	(0)
		125,129.73

K Factor	0.98

ECC 2024
10,732.33

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	$000	$/kw
Overnight Costs $2019	831,834.19	651.35
Capacity MW	1,277	
Book Life	35	
Tax Life	20	
Book Depreciation	2.86%	
Construction Start Month	1	
Construction Start Year	2021	
In Service Month	6	
In Service Year	2024	
Acc Deferred Taxes Debt AFUDC	(3,239)	
Amortization of Def Taxes Debt AFUDC	93	
Total Construction Expenditures	872,660	683.31
Total AFUDC	56,436	44.19
Total Capitalized Interest	24,798	19.42
In Service Value	929,096	727.50
PV Revenue Requirements	882,396	690.94
Levelized Revenue Requirements	85,461	66.92
Base year	2019	
Check	(0)	

Year	2021	2022	2023	2024
Construction Expenditure Profile	4.06%	15.20%	45.20%	35.60%
Construction Expenditures $/KW	26.97	102.51	308.40	245.73
Accumulated Expenditures $/KW	26.67	129.18	437.58	683.31
AFUDC $/KW	0.94	5.56	30.44	17.25
Accumulated AFUDC $/KW	0.94	6.50	26.94	44.19
Capitalized Interest $/KW	0.42	2.47	9.02	7.51
Accumulated CI $/KW	0.42	2.89	11.91	19.42
In Service Value $/KW	728			
Construction Expenditures $000	34,055	130,919	393,858	313,828
AFUDC $000	1,201	7,100	26,099	22,036
Debt AFUDC $000	252.09	1,491.08	5,480.87	4,627.46
Equity AFUDC $000	948.34	5,609.32	20,618.50	17,408.07
Capitalized Interest $000	536	3,152	11,516	9,594

CPVRR - RR	CPVRR - LEV	CPVRR -ECC
882,396.47	882,396.47	882,396.47
	0	(0)
		882,396.47

K Factor	1.01

ECC 2024
77,442.05

- Solar and Network Capital Inputs
  - Capital costs from CEC - Project Cost Forecasting (Filing).xlsx
  - Includes AFUDC for 2022 assets due to 2 factor trigger being met on combined solar and network upgrades on a per project basis
- O&M Inputs
  - Assumptions based on similarly configured projects
  - Inputs based on COD year of individual projects
  - Estimates based on information provided in March 2020 request
- Property Taxes
  - Solar Projects use CEC - Solar Prop Tax (Filing).xlsx
  - Uses average rate from SoBRA projects and applies abatement through 2037 based on COD
  - Network Upgrades use standard DEF property tax assumptions based on gross book value as no abatements apply
- Land Lease
  - Estimated acreage based on standard configuration and layout
  - Lease rates, escalation and acreage based on combination of SoBRA results and initial CEC site development
  - CEC - Land Lease (Filing).xlsx
- WACC, Tax and AFUDC Rates
  - Derived from Standard Treasury Assumptions updated in March 2020
  - AFUDC rate based on May 2020 filing
  - Tax Rate based on forecasted composite rate beginning 2022

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Rates	
Federal Tax Rate	21.00%
Section 199 Deduction (for generating assets)	0.00%
Effective Federal Tax Rate	21.00%
State Tax Rate	5.50%
Composite Fed and State Tax Rate	25.35%
Allowed Rate of Return Pre-Tax	8.94%
Discount Rate	6.70%

Solar - Project Specific Inputs

Project Number	1	2	3	4
Number of Projects	2	4	4	0
Project Name	DEF-CEC-2022 COD	DEF-CEC-2023 COD	DEF-CEC-2022 COD	DEF-CEC-2022 COD
Project Type	Solar PV	Solar PV	Solar PV	Solar PV
Size (MWs dc)	97.4	97.4	97.4	97.4
Size (MWs ac)	74.9	74.9	74.9	74.9
Asset life (years)	30	30	30	30
Year 1	2022	2023	2024	2025
CapEx ($000s)				
Direct Costs (solar)	$96,069	$92,199	$88,334	$0
Land	$0	$0	$0	$0
Direct Costs (transmission)	$3,060	$3,121	$3,184	$0
AFUDC (not eligible for ITC)	$3,610	$0	$0	$0
Total CapEx ($000s)	$102,738	$95,321	$91,517	$0
% eligible for ITC	96.5%	96.5%	96.5%	0.0%
Project Terminal Value				
Residual Value	-6.0%	-6.0%	-6.0%	-6.0%
Gross Residual Value (% of Construction)	(5,948)	(5,719)	(5,491)	-
Cost of Removal less Salvage ($000s)	$5,948	$5,719	$5,491	$0
Annual Accrual ($000s)	$198.26	$190.64	$183.03	$0.00
Tax Credits				
ITC	22%	22%	10%	0%
Year Monetized	2027	2027	2027	2027
% Monetized	100%	100%	100%	100%
Portion of ITC offsetting tax basis	50%	50%	50%	50%
2nd Yr Monetized	2028	2028	2028	2028
% 2nd Yr Monetized	0%	0%	0%	0%

Land Lease ($000s)	Land Lease Payments ($000's Nominal)	Land Lease Payments ($000's Nominal)	Land Lease Payments ($000's Nominal)	Land Lease Payments ($000's Nominal)
1	402	410	418	0
2	410	418	426	0
3	418	426	435	0
4	426	435	444	0
5	435	444	452	0
6	444	452	462	0
7	452	462	471	0

8	462	471	480	0
9	471	480	490	0
10	480	490	500	0
11	490	500	510	0
12	500	510	520	0
13	510	520	530	0
14	520	530	541	0
15	530	541	552	0
16	541	552	563	0
17	552	563	574	0
18	563	574	585	0
19	574	585	597	0
20	585	597	609	0
21	597	609	621	0
22	609	621	634	0
23	621	634	646	0
24	634	646	659	0
25	646	659	672	0
26	659	672	686	0
27	672	686	700	0
28	686	700	713	0
29	700	713	728	0
30	713	728	742	0

O&M ($000s)	Total O&M, excl Leases ($1,000's Nominal)	Total O&M, excl Leases ($1,000's Nominal)	Total O&M, excl Leases ($1,000's Nominal)	Total O&M, excl Leases ($1,000's Nominal)
1	614	623	634	
2	623	633	643	
3	637	647	658	
4	652	662	673	
5	672	682	694	
6	739	750	762	
7	756	768	780	
8	774	786	798	
9	792	804	817	
10	816	828	841	
11	830	843	856	
12	850	862	876	
13	869	883	897	
14	932	946	960	
15	916	929	944	
16	932	946	961	
17	954	968	984	
18	976	991	1007	
19	1000	1015	1031	
20	1028	1044	1061	
21	1048	1064	1081	
22	1073	1089	1107	
23	1098	1115	1133	
24	1125	1142	1161	
25	1157	1175	1194	
26	1180	1198	1218	
27	1208	1227	1247	

28	1238	1257	1278	
29	1268	1288	1309	
30	1304	1324	1346	

Property Taxes - ($1,000's Nominal)	Total P/T ($000s)	Total P/T ($000s)	Total P/T ($000s)	Total P/T ($000s)
1	344	320	307	-
2	334	310	297	-
3	327	303	291	-
4	316	293	282	-
5	306	284	272	-
6	295	274	263	-
7	285	264	254	-
8	274	254	244	-
9	264	245	235	-
10	250	231	222	-
11	239	222	213	-
12	225	209	200	-
13	211	196	188	-
14	197	183	175	-
15	183	170	814	-
16	169	783	751	-
17	773	717	689	-
18	685	636	610	-
19	597	554	532	-
20	527	489	470	-
21	527	489	470	-
22	457	424	407	-
23	457	424	407	-
24	404	375	360	-
25	404	375	360	-
26	369	342	329	-
27	351	326	313	-
28	351	326	313	-
29	351	326	313	-
30	351	326	313	-

Non-operating O&M ($000s)				
Property tax rate (solar)	0.00%	0.00%	0.00%	0.00%
Property tax basis reduction (solar)	0%	0%	0%	0%
Property tax rate (transmission)	0.00%	0.00%	0.00%	0.00%
Insurance rate	0.12%	0.12%	0.12%	0.12%
Insurance inflation rate	3.0%	3.0%	3.0%	3.0%

Capital Adds & Mods - ($1,000's Nominal)	Adds&Mods ($000s)	Adds&Mods ($000s)	Adds&Mods ($000s)	Adds&Mods ($000s)
1	-	-	-	
2	-	-	-	
3	-	-	-	
4	-	-	-	
5	100	100	100	
6	49	49	49	
7	57	57	57	
8	63	63	63	
9	70	70	70	

	10	176	176	176	
	11	81	81	81	
	12	86	86	86	
	13	90	90	90	
	14	93	93	93	
	15	211	211	211	
	16	99	99	99	
	17	101	101	101	
	18	102	102	102	
	19	103	103	103	
	20	203	203	203	
	21	103	103	103	
	22	102	102	102	
	23	101	101	101	
	24	100	100	100	
	25	198	198	198	
	26	96	96	96	
	27	93	93	93	
	28	91	91	91	
	29	88	88	88	
	30	185	185	185	

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Rates	
Federal Tax Rate	21%
Section 199 Deduction (for generating assets)	0%
Effective Federal Tax Rate	21.00%
State Tax Rate	5.50%
Composite Fed and State Tax Rate	25.35%
Allowed Rate of Return Pre-Tax	8.94%
Discount Rate	6.70%

Network Upgrade - Project Specific Inputs

Project Number	1	2	3	4
Number of Projects	2	4	4	0
Project Name	DEF-Network upgrade - 2022	DEF-Utility Solar-Site Plan - 2023	DEF-Utility Solar-Site Plan - 2024	Placeholder 4
Project Type	Transmission	Solar	Solar	Solar
Size (MWs dc)	0.0	0.0	0.0	0.0
Size (MWs ac)	1.0	1.0	1.0	1.0
Asset life (years)	40	40	40	40
COD Year	2022	2023	2024	2025
CapEx ($000s)				
Direct Costs (solar)	$0	$0	$0	$0
Land	$0	$0	$0	$0
Direct Costs (transmission)	$10,200	$10,404	$10,612	$0
AFUDC (not eligible for ITC)	$371	$0	$0	$0
Total CapEx ($000s)	$10,571	$10,404	$10,612	$0
% eligible for ITC	0.0%	0.0%	0.0%	0.0%
Project Terminal Value				
Residual Value	0.0%	0.0%	0.0%	0.0%
Gross Residual Value (% of Construction)	-	-	-	-
Cost of Removal less Salvage ($000s)	$0	$0	$0	$0
Annual Accrual	$0	$0	$0	$0
Tax Credits				
ITC	0%	0%	0%	0%
Year Monetized	2027	2027	2027	2027
% Monetized	100%	100%	100%	100%
Portion of ITC offsetting tax basis	50%	50%	50%	50%
2nd Yr Monetized	2028	2028	2028	2028
% 2n Yr Monetized	0%	0%	0%	0%

Land Lease ($000s)		Land Lease Payments ($1,000's Nominal)	Land Lease Payments ($1,000's Nominal)	Land Lease Payments ($1,000's Nominal)	Land Lease Payments ($1,000's Nominal)
	1				
	2				
	3				
	4				
	5				

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O&M ($000s)		O&M ($1,000's Nominal)	O&M ($1,000's Nominal)	O&M ($1,000's Nominal)	O&M ($1,000's Nominal)
	1				
	2				
	3				
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36					
37					
38					
39					
40					
Non-operating O&M ($000s)					
Property tax rate (solar)	0.00%	0.00%	0.00%	0.00%	
Property tax basis reduction (solar)	0%	0%	0%	0%	
Property tax rate (transmission)	0.78%	0.78%	0.78%	0.78%	
Insurance rate	0.12%	0.12%	0.12%	0.12%	
Insurance inflation rate	3.0%	3.0%	3.0%	3.0%	

Capital Adds & Mods - ($1,000's Nominal)					
1	-	-	-	-	
2	-	-	-	-	
3	-	-	-	-	
4	-	-	-	-	
5	-	-	-	-	
6	-	-	-	-	
7	-	-	-	-	
8	-	-	-	-	
9	-	-	-	-	
10	-	-	-	-	
11	-	-	-	-	
12	-	-	-	-	
13	-	-	-	-	
14	-	-	-	-	
15	-	-	-	-	
16	-	-	-	-	
17	-	-	-	-	
18	-	-	-	-	
19	-	-	-	-	
20	-	-	-	-	
21	-	-	-	-	

22	-	-	-	-	
23	-	-	-	-	
24	-	-	-	-	
25	-	-	-	-	
26	-	-	-	-	
27	-	-	-	-	
28	-	-	-	-	
29	-	-	-	-	
30	-	-	-	-	
31	-	-	-	-	
32	-	-	-	-	
33	-	-	-	-	
34	-	-	-	-	
35	-	-	-	-	
36	-	-	-	-	
37	-	-	-	-	
38	-	-	-	-	
39	-	-	-	-	
40	-	-	-	-	

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($ in thousands)

Summary of Inputs

Year 1	2022
Investment	102,738
Investment (Non-AFUDC)	99,129
Investment (AFUDC)	3,610
ITC eligible basis	99,142
Federal ITC	21,811
Useful life (years)	30

# of years	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
Year	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051
Gross Plant- Initial Capital	102,738	102,738	102,738	102,738	102,738	102,738	102,738	102,738	102,738	102,738	102,738	102,738	102,738	102,738	102,738	102,738	102,738	102,738	102,738	102,738	102,738	102,738	102,738	102,738	102,738	102,738	102,738	102,738	102,738	102,738
Cumulative Adds & Mods	0	0	0	0	100	149	206	269	339	515	596	681	771	864	1,076	1,174	1,275	1,377	1,480	1,682	1,785	1,887	1,988	2,088	2,285	2,381	2,474	2,565	2,654	2,839
Gross Plant	102,738	102,738	102,738	102,738	102,838	102,887	102,944	103,007	103,077	103,253	103,334	103,419	103,509	103,603	103,814	103,913	104,013	104,115	104,218	104,421	104,523	104,625	104,726	104,826	105,023	105,119	105,212	105,303	105,392	105,577
Annual Depreciation	(3,425)	(3,425)	(3,425)	(3,425)	(3,428)	(3,430)	(3,431)	(3,434)	(3,436)	(3,442)	(3,444)	(3,447)	(3,450)	(3,453)	(3,460)	(3,464)	(3,467)	(3,471)	(3,474)	(3,481)	(3,484)	(3,488)	(3,491)	(3,494)	(3,501)	(3,506)	(3,507)	(3,510)	(3,513)	(3,175)
Accumulated Depreciation	(3,425)	(6,849)	(10,274)	(13,698)	(17,126)	(20,556)	(23,987)	(27,421)	(30,857)	(34,299)	(37,743)	(41,190)	(44,641)	(48,094)	(51,555)	(55,018)	(58,485)	(61,956)	(65,430)	(68,911)	(72,395)	(75,882)	(79,373)	(82,867)	(86,368)	(89,872)	(93,379)	(96,889)	(100,402)	(105,577)
Cost of Removal/Salvage Accrual	(198)	(198)	(198)	(198)	(198)	(198)	(198)	(198)	(198)	(198)	(198)	(198)	(198)	(198)	(198)	(198)	(198)	(198)	(198)	(198)	(198)	(198)	(198)	(198)	(198)	(198)	(198)	(198)	(198)	(198)
Cost of Removal/Salvage Realization	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5,948
Accumulated Cost of Removal/Salvage Accrual	(198)	(397)	(595)	(793)	(991)	(1,190)	(1,388)	(1,586)	(1,784)	(1,983)	(2,181)	(2,379)	(2,577)	(2,776)	(2,974)	(3,172)	(3,370)	(3,569)	(3,767)	(3,965)	(4,163)	(4,362)	(4,560)	(4,758)	(4,956)	(5,155)	(5,353)	(5,551)	(5,749)	0
Accumulated Deferred Taxes	(3,493)	(9,575)	(12,935)	(14,659)	(16,378)	(16,872)	(16,143)	(15,408)	(14,675)	(13,944)	(13,216)	(12,486)	(11,756)	(11,027)	(10,299)	(9,563)	(8,815)	(8,066)	(7,318)	(6,570)	(5,805)	(5,021)	(4,236)	(3,450)	(2,664)	(1,879)	(1,092)	(303)	487	0
Rate Base	95,622	85,917	78,935	73,588	68,342	64,269	61,427	58,593	55,761	53,027	50,194	47,364	44,535	41,706	38,987	36,160	33,342	30,524	27,703	24,975	22,160	19,360	16,558	13,750	11,035	8,213	5,388	2,560	(278)	0
WACC Revenue Requirement on Rate Base	8.94%	8,867	8,115	7,369	6,818	6,344	5,928	5,619	5,365	5,112	4,863	4,614	4,361	4,108	3,855	3,607	3,359	3,107	2,855	2,603	2,355	2,107	1,856	1,606	1,355	1,108	860	608	355	102	(12)
Federal ITC Amortization		0	0	0	0	0	(872)	(870)	(872)	(872)	(872)	(872)	(872)	(872)	(872)	(872)	(872)	(872)	(872)	(872)	(872)	(872)	(872)	(872)	(872)	(872)	(872)	(872)	(872)	(872)	(872)
Gross-up on Federal ITC Amortization		0	0	0	0	0	(296)	(296)	(296)	(296)	(296)	(296)	(296)	(296)	(296)	(296)	(296)	(296)	(296)	(296)	(296)	(296)	(296)	(296)	(296)	(296)	(296)	(296)	(296)	(296)	(296)
Gross-up on Book/Tax $L depreciation Difference		164	164	164	164	164	164	164	164	164	164	164	164	164	164	164	164	164	164	164	164	164	164	164	164	164	164	164	164	164
Depreciation Expense	3,425	3,425	3,425	3,425	3,428	3,430	3,431	3,434	3,436	3,442	3,444	3,447	3,450	3,453	3,460	3,464	3,467	3,471	3,474	3,481	3,484	3,488	3,491	3,494	3,501	3,504	3,507	3,510	3,513	3,175
Cost of Removal/Salvage Accrual	198	198	198	198	198	198	198	198	198	198	198	198	198	198	198	198	198	198	198	198	198	198	198	198	198	198	198	198	198	198
O&M - operating	614	623	637	652	672	739	756	774	792	816	830	850	869	932	916	932	954	976	1,000	1,028	1,048	1,073	1,098	1,125	1,157	1,180	1,208	1,238	1,268	1,304
Lease expense	402	410	418	426	435	444	452	462	471	480	490	500	510	520	530	541	552	563	574	585	597	609	621	634	646	659	672	686	700	713
Property Taxes	344	334	327	316	306	295	285	274	264	250	239	225	211	197	183	169	773	685	597	527	457	404	404	369	351	351	351	351	351	351
Insurance	125	129	133	137	141	145	150	154	159	164	169	174	180	185	191	197	203	210	216	223	230	237	244	252	260	268	276	285	294	303
Sum of Revenue Requirements ($000)	$14,139	$13,397	$12,671	$12,136	$11,668	$10,174	$9,887	$9,656	$9,427	$9,208	$8,980	$8,750	$8,522	$8,336	$8,081	$7,855	$8,250	$7,953	$7,657	$7,393	$7,186	$6,913	$6,711	$6,457	$6,270	$6,034	$5,817	$5,619	$5,422	$7,028
NPV of Revenue Requirements	125,499																													
Levelized Revenue Requirement	125,499	9,810	9,810	9,810	9,810	9,810	9,810	9,810	9,810	9,810	9,810	9,810	9,810	9,810	9,810	9,810	9,810	9,810	9,810	9,810	9,810	9,810	9,810	9,810	9,810	9,810	9,810	9,810	9,810	9,810

Deferred Income Tax Calculation																															
Book Basis		99,129	99,129	99,129	99,129	99,129	99,129	99,129	99,129	99,129	99,129	99,129	99,129	99,129	99,129	99,129	99,129	99,129	99,129	99,129	99,129	99,129	99,129	99,129	99,129	99,129	99,129	99,129	99,129	99,129
Federal ITC Basis Reduction		(10,906)	(10,906)	(10,906)	(10,906)	(10,906)	(10,906)	(10,906)	(10,906)	(10,906)	(10,906)	(10,906)	(10,906)	(10,906)	(10,906)	(10,906)	(10,906)	(10,906)	(10,906)	(10,906)	(10,906)	(10,906)	(10,906)	(10,906)	(10,906)	(10,906)	(10,906)	(10,906)	(10,906)	(10,906)
Land		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tax Basis		88,223	88,223	88,223	88,223	88,223	88,223	88,223	88,223	88,223	88,223	88,223	88,223	88,223	88,223	88,223	88,223	88,223	88,223	88,223	88,223	88,223	88,223	88,223	88,223	88,223	88,223	88,223	88,223	88,223
Tax Accelerated Depreciation	91,062	16,923	27,135	16,395	9,941	9,926	5,095	261	254	259	273	284	283	285	289	303	273	231	232	235	245	181	107	106	108	116	120	115	112	111	863
Tax Straight Line Depreciation	91,062	2,941	2,941	2,941	2,941	2,944	2,946	2,948	2,950	2,952	2,958	2,961	2,963	2,966	2,970	2,977	2,980	2,983	2,987	2,990	2,997	3,000	3,004	3,007	3,017	3,020	3,023	3,026	3,029	4,693
Difference	(0)	13,982	24,195	13,454	7,000	6,982	2,149	(2,686)	(2,696)	(2,693)	(2,685)	(2,677)	(2,680)	(2,681)	(2,680)	(2,673)	(2,707)	(2,752)	(2,755)	(2,755)	(2,751)	(2,819)	(2,897)	(2,901)	(2,902)	(2,901)	(2,900)	(2,908)	(2,915)	(3,828)
Tax Effect of Difference (Deferred tax)	(0)	3,544	6,132	3,410	1,774	1,769	545	(681)	(683)	(683)	(680)	(678)	(679)	(680)	(679)	(678)	(686)	(697)	(698)	(698)	(697)	(715)	(734)	(735)	(736)	(735)	(735)	(737)	(739)	(740)	(970)
Tax Effect of Cost of Removal/Salvage	5,948	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5,948
Book Effect of Cost of Removal/Salvage	5,948	198	198	198	198	198	198	198	198	198	198	198	198	198	198	198	198	198	198	198	198	198	198	198	198	198	198	198	198	198
Difference	0	(198)	(198)	(198)	(198)	(198)	(198)	(198)	(198)	(198)	(198)	(198)	(198)	(198)	(198)	(198)	(198)	(198)	(198)	(198)	(198)	(198)	(198)	(198)	(198)	(198)	(198)	(198)	(198)	(198)	5,749
Tax Effect of Difference (Deferred tax)	0	(50)	(50)	(50)	(50)	(50)	(50)	(50)	(50)	(50)	(50)	(50)	(50)	(50)	(50)	(50)	(50)	(50)	(50)	(50)	(50)	(50)	(50)	(50)	(50)	(50)	(50)	(50)	(50)	(50)	1,457
Total Deferred Tax	(0)	3,493	6,082	3,360	1,724	1,719	494	(731)	(733)	(731)	(729)	(730)	(730)	(730)	(728)	(736)	(748)	(749)	(749)	(748)	(765)	(784)	(785)	(785)	(787)	(789)	(790)	487		
Accumulated Deferred Taxes		3,493	9,575	12,935	14,659	16,378	16,872	16,141	15,408	14,675	13,944	13,216	12,486	11,756	11,027	10,299	9,563	8,815	8,066	7,318	6,570	5,805	5,021	4,236	3,450	2,664	1,879	1,092	303	(487)	(0)

Insurance Expense ($000s)																															
Insurance - base rate (% of Plant)	0.12%																														
Insurance - inflation rate	3.0%																														
Insurance Expense ($000s)		125	129	133	137	141	145	150	154	159	164	169	174	180	185	191	197	203	210	216	223	230	237	244	252	260	268	276	285	294	303

Federal Tax Depreciation

Capital Expenditures	102,738
Capital Expenditures - Solar	96,069
Capital Expenditures - Transmission	3,060
ITC Eligible Amount	99,142
ITC	21,811
Portion of ITC offsetting tax basis	10,906
Less land	0
Tax Basis	88,223

Asset useful life: 30

MACRS Schedule - Initial Investment

Year	5-yr	7-yr	15-yr	20-yr	39-yr	Composite	Fed Tax Deprec
Distribution	94.85%	0.00%	1.53%	3.62%	0.00%	100.00%	
1	20.00%	14.29%	5.00%	3.75%	0.11%	19.1817%	16,923
2	32.00%	24.49%	9.50%	7.22%	2.56%	30.7578%	27,135
3	19.20%	17.49%	8.55%	6.68%	2.56%	18.5832%	16,395
4	11.52%	12.49%	7.70%	6.18%	2.56%	11.2679%	9,941
5	11.52%	8.93%	6.93%	5.71%	2.56%	11.2393%	9,916
6	5.76%	8.92%	6.23%	5.29%	2.56%	5.7499%	5,073
7	0.00%	8.93%	5.90%	4.89%	2.56%	0.2673%	236
8	0.00%	4.46%	5.90%	4.52%	2.56%	0.2540%	224
9	0.00%	0.00%	5.91%	4.46%	2.56%	0.2519%	222
10	0.00%	0.00%	5.90%	4.46%	2.56%	0.2517%	222
11	0.00%	0.00%	5.91%	4.46%	2.56%	0.2519%	222
12	0.00%	0.00%	5.90%	4.46%	2.56%	0.2517%	222
13	0.00%	0.00%	5.91%	4.46%	2.56%	0.2519%	222
14	0.00%	0.00%	5.90%	4.46%	2.56%	0.2517%	222
15	0.00%	0.00%	5.91%	4.46%	2.56%	0.2519%	222
16	0.00%	0.00%	2.95%	4.46%	2.56%	0.2067%	182
17	0.00%	0.00%	0.00%	4.46%	2.56%	0.1618%	143
18	0.00%	0.00%	0.00%	4.46%	2.56%	0.1617%	143
19	0.00%	0.00%	0.00%	4.46%	2.56%	0.1618%	143
20	0.00%	0.00%	0.00%	4.46%	2.56%	0.1617%	143
21	0.00%	0.00%	0.00%	2.23%	2.56%	0.0809%	71
22	0.00%	0.00%	0.00%	0.00%	2.56%	0.0001%	0
23	0.00%	0.00%	0.00%	0.00%	2.56%	0.0001%	0
24	0.00%	0.00%	0.00%	0.00%	2.56%	0.0001%	0
25	0.00%	0.00%	0.00%	0.00%	2.56%	0.0001%	0
26	0.00%	0.00%	0.00%	0.00%	2.56%	0.0001%	0
27	0.00%	0.00%	0.00%	0.00%	2.56%	0.0001%	0
28	0.00%	0.00%	0.00%	0.00%	2.56%	0.0001%	0
29	0.00%	0.00%	0.00%	0.00%	2.56%	0.0001%	0
30	0.00%	0.00%	0.00%	0.00%	2.56%	0.0001%	0
31	0.00%	0.00%	0.00%	0.00%	2.56%	0.0001%	0
32	0.00%	0.00%	0.00%	0.00%	2.56%	0.0001%	0
33	0.00%	0.00%	0.00%	0.00%	2.56%	0.0001%	0
34	0.00%	0.00%	0.00%	0.00%	2.56%	0.0001%	0
35	0.00%	0.00%	0.00%	0.00%	2.56%	0.0001%	0
36	0.00%	0.00%	0.00%	0.00%	2.56%	0.0001%	0
37	0.00%	0.00%	0.00%	0.00%	2.56%	0.0001%	0
38	0.00%	0.00%	0.00%	0.00%	2.56%	0.0001%	0
39	0.00%	0.00%	0.00%	0.00%	2.56%	0.0001%	0
40	0.00%	0.00%	0.00%	0.00%	2.46%	0.0001%	0
Total	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	88,223

MACRS Schedule - Adds & Mods

Year	5-yr	7-yr	15-yr	20-yr	39-yr	Composite
	37.82%	0.00%	10.65%	51.53%	0.00%	100.00%
1	20.00%	14.29%	5.00%	3.75%	0.11%	10.0286%
2	32.00%	24.49%	9.50%	7.22%	2.56%	16.8337%
3	19.20%	17.49%	8.55%	6.68%	2.56%	11.6124%
4	11.52%	12.49%	7.70%	6.18%	2.56%	8.3598%
5	11.52%	8.93%	6.93%	5.71%	2.56%	8.0387%
6	5.76%	8.92%	6.23%	5.29%	2.56%	5.5653%
7	0.00%	8.93%	5.90%	4.89%	2.56%	3.1472%
8	0.00%	4.46%	5.90%	4.52%	2.56%	2.9586%
9	0.00%	0.00%	5.91%	4.46%	2.56%	2.9287%
10	0.00%	0.00%	5.90%	4.46%	2.56%	2.9271%
11	0.00%	0.00%	5.91%	4.46%	2.56%	2.9287%
12	0.00%	0.00%	5.90%	4.46%	2.56%	2.9271%
13	0.00%	0.00%	5.91%	4.46%	2.56%	2.9287%
14	0.00%	0.00%	5.90%	4.46%	2.56%	2.9271%
15	0.00%	0.00%	5.91%	4.46%	2.56%	2.9287%
16	0.00%	0.00%	2.95%	4.46%	2.56%	2.6130%
17	0.00%	0.00%	0.00%	4.46%	2.56%	2.2994%
18	0.00%	0.00%	0.00%	4.46%	2.56%	2.2989%
19	0.00%	0.00%	0.00%	4.46%	2.56%	2.2994%
20	0.00%	0.00%	0.00%	4.46%	2.56%	2.2989%
21	0.00%	0.00%	0.00%	2.23%	2.56%	1.1497%
22	0.00%	0.00%	0.00%	0.00%	2.56%	0.0000%
23	0.00%	0.00%	0.00%	0.00%	2.56%	0.0000%
24	0.00%	0.00%	0.00%	0.00%	2.56%	0.0000%
25	0.00%	0.00%	0.00%	0.00%	2.56%	0.0000%
26	0.00%	0.00%	0.00%	0.00%	2.56%	0.0000%
27	0.00%	0.00%	0.00%	0.00%	2.56%	0.0000%
28	0.00%	0.00%	0.00%	0.00%	2.56%	0.0000%
29	0.00%	0.00%	0.00%	0.00%	2.56%	0.0000%
30	0.00%	0.00%	0.00%	0.00%	2.56%	0.0000%
31	0.00%	0.00%	0.00%	0.00%	2.56%	0.0000%
32	0.00%	0.00%	0.00%	0.00%	2.56%	0.0000%
33	0.00%	0.00%	0.00%	0.00%	2.56%	0.0000%
34	0.00%	0.00%	0.00%	0.00%	2.56%	0.0000%
35	0.00%	0.00%	0.00%	0.00%	2.56%	0.0000%
36	0.00%	0.00%	0.00%	0.00%	2.56%	0.0000%
37	0.00%	0.00%	0.00%	0.00%	2.56%	0.0000%
38	0.00%	0.00%	0.00%	0.00%	2.56%	0.0000%
39	0.00%	0.00%	0.00%	0.00%	2.56%	0.0000%
40	0.00%	0.00%	0.00%	0.00%	2.46%	0.0000%
Total	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

Tax Depreciation	Year	1 2022	2 2023	3 2024	4 2025	5 2026	6 2027	7 2028	8 2029	9 2030	10 2031	11 2032	12 2033	13 2034	14 2035	15 2036	16 2037	17 2038	18 2039	19 2040	20 2041	21 2042	22 2043	23 2044	24 2045	25 2046	26 2047	27 2048	28 2049	29 2050	30 2051
Initial Investment		88,223	16,923	27,135	16,395	9,941	9,916	5,073	236	224	222	222	222	222	222	222	222	182	143	143	143	143	71	0	0	0	0	0	0	0	1
Adds & Mods																															
Vintage	Capex																														
2022	0																														
2023	0																														
2024	0																														
2025	0																														
2026	100					10	17	12	8	6	6	3	3	3	3	3	3	3	3	3	2	2	2	1							60
2027	49						5	6	4	3	3	2	2	2	2	2	2	2	2	2	1	1	1	1	1						0
2028	57							6	10	7	5	3	2	2	2	2	2	2	2	2	1	1	1	1	1						0
2029	63								6	11	7	5	4	2	2	2	2	2	2	2	2	1	1	1	1	1					0
2030	70									7	13	9	6	4	2	3	2	2	2	2	2	2	1	1	1	1	1				0
2031	176										18	30	20	15	14	10	6	5	5	5	5	5	3	3	3	3	3	4	4	4	2
2032	81											8	14	9	7	7	5	3	2	2	2	2	2	2	2	2	2	2	2	2	3
2033	86												9	14	10	7	5	3	3	3	3	3	3	3	3	3	3	3	3	3	3
2034	90													9	15	10	8	5	3	3	3	3	3	3	3	3	3	3	3	3	4
2035	93														9	16	11	8	5	3	3	3	3	3	3	3	3	3	3	3	3
2036	211															21	16	25	18	12	8	5	3	3	3	3	3	3	3	3	3
2037	99																10	17	12	8	5	3	3	3	3	3	3	3	3	3	3
2038	101																	10	17	12	8	5	3	3	3	3	3	3	3	3	3
2039	102																		10	17	12	8	5	3	3	3	3	3	3	3	3
2040	103																			10	17	12	8	5	3	3	3	3	3	3	3
2041	203																				20	34	24	17	11	6	6	6	6	6	6
2042	103																					10	17	12	8	5	3	3	3	3	3
2043	102																						10	17	12	8	5	3	3	3	3
2044	101																							10	17	12	8	5	3	3	3
2045	100																								10	17	12	8	5	3	3
2046	198																									20	33	23	17	11	6
2047	96																										10	16	11	8	5
2048	93																											9	15	10	7
2049	91																												9	15	10
2050	88																													9	15
2051	185																														185
Total Fed tax depreciation	91,062	16,923	27,135	16,395	9,941	9,926	5,095	261	254	259	273	284	283	285	289	303	273	231	232	235	245	181	107	106	108	116	120	115	112	111	863

Property Tax																															
Property tax rate offset (generation)	0%																														
Property tax rate (generation)	0.00%																														
Book Value	99,678																														
Initial Investment		99,678	99,678	99,678	99,678	99,678	99,678	99,678	99,678	99,678	99,678	99,678	99,678	99,678	99,678	99,678	99,678	99,678	99,678	99,678	99,678	99,678	99,678	99,678	99,678	99,678	99,678	99,678	99,678	99,678
Cumulative Additions		0	0	0	0	100	149	206	269	339	515	596	681	771	864	1,076	1,174	1,275	1,377	1,480	1,682	1,785	1,887	1,988	2,088	2,285	2,381	2,474	2,565	2,654	2,839
Taxable Book Value		99,678	99,678	99,678	99,678	99,778	99,827	99,884	99,947	100,017	100,193	100,274	100,359	100,449	100,543	100,754	100,853	100,953	101,055	101,158	101,361	101,463	101,565	101,666	101,766	101,963	102,059	102,152	102,243	102,332	102,517
Annual Property Tax Expense (generation)		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Property tax rate (transmission)	0.000%	(average rate developed based on original cost)																													
Book Value	3,060																														
Initial Investment		3,060	3,060	3,060	3,060	3,060	3,060	3,060	3,060	3,060	3,060	3,060	3,060	3,060	3,060	3,060	3,060	3,060	3,060	3,060	3,060	3,060	3,060	3,060	3,060	3,060	3,060	3,060	3,060	3,060	3,060
Taxable Book Value		3,060	3,060	3,060	3,060	3,060	3,060	3,060	3,060	3,060	3,060	3,060	3,060	3,060	3,060	3,060	3,060	3,060	3,060	3,060	3,060	3,060	3,060	3,060	3,060	3,060	3,060	3,060	3,060	3,060	3,060
Annual Property Tax Expense (transmission)		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Tax Straight Line Depreciation																															
Vintage	Tax Basis																														
2022	88,223	2,941	2,941	2,941	2,941	2,941	2,941	2,941	2,941	2,941	2,941	2,941	2,941	2,941	2,941	2,941	2,941	2,941	2,941	2,941	2,941	2,941	2,941	2,941	2,941	2,941	2,941	2,941	2,941	2,941	2,941
2023	0																														
2024	0																														
2025	0																														
2026	100			

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($ in thousands)

Summary of Inputs	
Year 1	2023
Investment	95,321
Investment (Non-AFUDC)	95,321
Investment (AFUDC)	0
ITC eligible basis	91,984
Federal ITC	20.237
Useful life (years)	30

# of years	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
Year	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	
Gross Plant- Initial Capital	95,321	95,321	95,321	95,321	95,321	95,321	95,321	95,321	95,321	95,321	95,321	95,321	95,321	95,321	95,321	95,321	95,321	95,321	95,321	95,321	95,321	95,321	95,321	95,321	95,321	95,321	95,321	95,321	95,321	95,321	
Cumulative Adds & Mods	0	0	0	0	100	149	206	269	310	535	596	681	721	864	1,076	1,174	1,275	1,377	1,480	1,682	1,765	1,882	1,988	2,088	2,285	2,381	2,474	2,565	2,654	2,839	
Gross Plant	95,321	95,321	95,321	95,321	95,421	95,470	95,527	95,590	95,630	95,835	95,916	96,002	96,042	96,185	96,396	96,495	96,596	96,698	96,800	97,003	97,086	97,203	97,309	97,408	97,606	97,702	97,795	97,886	97,974	98,160	
Annual Depreciation	(3,177)	(3,177)	(3,177)	(3,177)	(3,181)	(3,182)	(3,184)	(3,186)	(3,189)	(3,195)	(3,197)	(3,200)	(3,203)	(3,206)	(3,213)	(3,217)	(3,220)	(3,223)	(3,227)	(3,233)	(3,237)	(3,240)	(3,244)	(3,247)	(3,254)	(3,257)	(3,260)	(3,263)	(3,266)	(4,928)	
Accumulated Depreciation	(3,177)	(6,355)	(9,532)	(12,709)	(15,890)	(19,072)	(22,257)	(25,443)	(28,632)	(31,826)	(35,023)	(38,223)	(41,426)	(44,633)	(47,846)	(51,062)	(54,282)	(57,505)	(60,732)	(63,966)	(67,202)	(70,443)	(73,686)	(76,933)	(80,187)	(83,443)	(86,703)	(89,966)	(93,232)	(98,160)	
Cost of Removal/Salvage Accrual	(191)	(191)	(191)	(191)	(191)	(191)	(191)	(191)	(191)	(191)	(191)	(191)	(191)	(191)	(191)	(191)	(191)	(191)	(191)	(191)	(191)	(191)	(191)	(191)	(191)	(191)	(191)	(191)	(191)	(191)	
Cost of Removal/Salvage Realization	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5,719	
Accumulated Cost of Removal/Salvage Accrual	(191)	(383)	(572)	(763)	(953)	(1,144)	(1,334)	(1,525)	(1,716)	(1,906)	(2,097)	(2,288)	(2,478)	(2,669)	(2,860)	(3,050)	(3,241)	(3,432)	(3,622)	(3,813)	(4,003)	(4,194)	(4,385)	(4,575)	(4,766)	(4,957)	(5,147)	(5,338)	(5,529)	0	
Accumulated Deferred Taxes	(1,363)	(9,232)	(12,472)	(14,134)	(15,793)	(16,270)	(15,567)	(14,860)	(14,155)	(13,451)	(12,750)	(12,048)	(11,345)	(10,643)	(9,942)	(9,234)	(8,514)	(7,793)	(7,073)	(6,353)	(5,616)	(4,859)	(4,101)	(3,343)	(2,585)	(1,827)	(1,067)	(306)	(457)	(0)	
Rate Base	88,585	79,353	72,745	67,714	62,784	58,983	56,369	53,761	51,157	48,651	46,046	43,443	40,842	38,241	35,749	33,149	30,559	27,967	25,373	22,871	20,283	17,711	15,136	12,556	10,068	7,474	4,877	2,276	(330)	(0)	
WACC Revenue Requirement on Rate Base	8.94%	8,221	7,507	6,799	6,279	5,833	5,443	5,156	4,923	4,690	4,461	4,233	4,000	3,768	3,535	3,307	3,080	2,848	2,616	2,384	2,157	1,929	1,698	1,468	1,238	1,013	784	552	320	87	(15)
Federal ITC Amortization	0	0	0	0	(778)	(778)	(778)	(778)	(778)	(778)	(778)	(778)	(778)	(778)	(778)	(778)	(778)	(778)	(778)	(778)	(778)	(778)	(778)	(778)	(778)	(778)	(778)	(778)	(778)	(778)	
Gross-up on Federal ITC Amortization	0	0	0	0	(264)	(264)	(264)	(264)	(264)	(264)	(264)	(264)	(264)	(264)	(264)	(264)	(264)	(264)	(264)	(264)	(264)	(264)	(264)	(264)	(264)	(264)	(264)	(264)	(264)	(264)	
Gross-up on Book/Tax SL depreciation Difference	115	115	115	115	115	115	115	115	115	115	115	115	115	115	115	115	115	115	115	115	115	115	115	115	115	115	115	115	115	115	
Depreciation Expense	3,177	3,177	3,177	3,177	3,181	3,182	3,184	3,186	3,189	3,195	3,197	3,200	3,203	3,206	3,213	3,217	3,220	3,223	3,227	3,233	3,237	3,240	3,244	3,247	3,254	3,257	3,260	3,263	3,266	4,928	
Cost of Removal/Salvage Accrual	191	191	191	191	191	191	191	191	191	191	191	191	191	191	191	191	191	191	191	191	191	191	191	191	191	191	191	191	191	191	
O&M - operating	623	633	647	662	682	750	768	786	806	826	843	862	883	946	929	946	968	991	1,015	1,044	1,064	1,089	1,115	1,142	1,171	1,198	1,227	1,257	1,288	1,324	
Lease expense	410	418	426	435	444	452	462	471	480	490	500	510	520	530	541	552	563	574	585	597	609	621	634	646	659	672	686	700	713	728	
Property Taxes	320	310	303	293	284	274	264	254	245	231	222	209	196	183	170	783	713	636	554	489	448	424	424	375	373	342	326	326	326	326	
Insurance	116	120	123	127	131	135	139	143	148	152	157	162	167	172	178	183	189	195	201	207	214	220	227	234	242	249	257	265	273	282	
Sum of Revenue Requirements ($000)	$13,172	$12,469	$11,781	$11,278	$9,817	$9,499	$9,235	$9,026	$8,818	$8,620	$8,414	$8,205	$7,998	$7,834	$7,600	$8,022	$7,767	$7,498	$7,229	$6,990	$6,804	$6,556	$6,374	$6,145	$5,978	$5,765	$5,570	$5,392	$5,216	$6,835	
NPV of Revenue Requirements	116,949																														
Levelized Revenue Requirement	116,949	9,142	9,142	9,142	9,142	9,142	9,142	9,142	9,142	9,142	9,142	9,142	9,142	9,142	9,142	9,142	9,142	9,142	9,142	9,142	9,142	9,142	9,142	9,142	9,142	9,142	9,142	9,142	9,142	9,142	

Deferred Income Tax Calculation																															
Book Basis		95,321	95,321	95,321	95,321	95,321	95,321	95,321	95,321	95,321	95,321	95,321	95,321	95,321	95,321	95,321	95,321	95,321	95,321	95,321	95,321	95,321	95,321	95,321	95,321	95,321	95,321	95,321	95,321	95,321	
Federal ITC Basis Reduction		(10,118)	(10,118)	(10,118)	(10,118)	(10,118)	(10,118)	(10,118)	(10,118)	(10,118)	(10,118)	(10,118)	(10,118)	(10,118)	(10,118)	(10,118)	(10,118)	(10,118)	(10,118)	(10,118)	(10,118)	(10,118)	(10,118)	(10,118)	(10,118)	(10,118)	(10,118)	(10,118)	(10,118)	(10,118)	
Land		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Tax Basis		85,202	85,202	85,202	85,202	85,202	85,202	85,202	85,202	85,202	85,202	85,202	85,202	85,202	85,202	85,202	85,202	85,202	85,202	85,202	85,202	85,202	85,202	85,202	85,202	85,202	85,202	85,202	85,202	85,202	
Tax Accelerated Depreciation	88,041	16,318	26,168	15,814	9,592	9,577	4,920	261	253	258	272	283	283	284	289	302	274	234	234	237	248	182	107	106	108	116	320	115	112	111	863
Tax Straight Line Depreciation	88,041	2,840	2,840	2,840	2,840	2,840	2,840	2,840	2,840	2,840	2,840	2,840	2,840	2,840	2,840	2,876	2,879	2,883	2,886	2,889	2,896	2,900	2,903	2,906	2,910	2,916	2,919	2,923	2,926	2,929	4,598
Difference	0	13,478	23,328	12,974	6,752	6,734	2,075	(2,586)	(2,596)	(2,593)	(2,585)	(2,577)	(2,580)	(2,581)	(2,580)	(2,573)	(2,605)	(2,649)	(2,652)	(2,652)	(2,648)	(2,717)	(2,796)	(2,800)	(2,802)	(2,800)	(2,799)	(2,807)	(2,814)	(2,818)	(3,727)
Tax Effect of Difference (Deferred tax)	0	3,416	5,912	3,288	1,711	1,707	526	(655)	(658)	(657)	(655)	(653)	(654)	(654)	(654)	(652)	(660)	(671)	(672)	(672)	(671)	(689)	(709)	(710)	(710)	(710)	(709)	(712)	(713)	(714)	(945)
Tax Effect of Cost of Removal/Salvage	5,719	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5,719
Book Effect of Cost of Removal/Salvage	5,719	191	191	191	191	191	191	191	191	191	191	191	191	191	191	191	191	191	191	191	191	191	191	191	191	191	191	191	191	191	
Difference	0	(191)	(191)	(191)	(191)	(191)	(191)	(191)	(191)	(191)	(191)	(191)	(191)	(191)	(191)	(191)	(191)	(191)	(191)	(191)	(191)	(191)	(191)	(191)	(191)	(191)	(191)	(191)	(191)	(191)	(5,529)
Tax Effect of Difference (Deferred tax)	0	(48)	(48)	(48)	(48)	(48)	(48)	(48)	(48)	(48)	(48)	(48)	(48)	(48)	(48)	(48)	(48)	(48)	(48)	(48)	(48)	(48)	(48)	(48)	(48)	(48)	(48)	(48)	(48)	(48)	(1,402)
Total Defered Tax	0	3,368	5,864	3,240	1,663	1,658	478	(704)	(706)	(706)	(703)	(701)	(702)	(703)	(702)	(701)	(709)	(720)	(721)	(720)	(720)	(737)	(757)	(757)	(758)	(758)	(758)	(760)	(762)	(762)	457
Accumulated Deferred Taxes		3,368	9,232	12,472	14,134	15,793	16,270	15,567	14,860	14,155	13,451	12,750	12,048	11,345	10,643	9,942	9,234	8,514	7,793	7,073	6,353	5,616	4,859	4,101	3,343	2,585	1,827	1,067	306	(457)	0

Insurance Expense ($000s)																															
Insurance - base rate (% of Plant)	0.12%																														
Insurance - Inflation rate	3.0%																														
Insurance Expense ($000s)		116	120	123	127	131	135	139	143	148	152	157	162	167	172	178	183	189	195	201	207	214	220	227	234	242	249	257	265	273	282

Federal Tax Depreciation	
Capital Expenditures	95,321
Capital Expenditures - Solar	92,198
Capital Expenditures - Transmission	3,123
ITC Eligible Amount	91,984
ITC	20,236.56
Portion of ITC offsetting tax basis	10,118
Less land	0
Tax Basis	85,202

Asset useful life: 30

MACRS Schedule - Initial Investment

	Year	5-yr	7-yr	15-yr	20-yr	39-yr	Composite	Fed Tax Deprec
Distribution		34.66%	0.00%	1.52%	3.81%	0.00%	100.00%	
	2023 1	20.00%	14.29%	5.00%	3.75%	0.11%	19.1518%	16,318
	2024 2	32.00%	24.49%	9.50%	7.22%	2.56%	30.7123%	26,168
	2025 3	19.20%	17.49%	8.55%	6.68%	2.56%	18.5602%	15,814
	2026 4	11.52%	12.49%	7.70%	6.18%	2.56%	11.2580%	9,592
	2027 5	11.52%	8.93%	6.93%	5.71%	2.56%	11.2286%	9,567
	2028 6	5.76%	8.92%	6.23%	5.29%	2.56%	5.7460%	4,898
	2029 7	0.00%	8.93%	5.90%	4.89%	2.56%	0.2762%	235
	2030 8	0.00%	4.46%	5.90%	4.52%	2.56%	0.2622%	223
	2031 9	0.00%	0.00%	5.91%	4.46%	2.56%	0.2601%	222
	2032 10	0.00%	0.00%	5.90%	4.46%	2.56%	0.2599%	221
	2033 11	0.00%	0.00%	5.91%	4.46%	2.56%	0.2601%	222
	2034 12	0.00%	0.00%	5.90%	4.46%	2.56%	0.2599%	221
	2035 13	0.00%	0.00%	5.91%	4.46%	2.56%	0.2601%	222
	2036 14	0.00%	0.00%	5.90%	4.46%	2.56%	0.2599%	221
	2037 15	0.00%	0.00%	5.91%	4.46%	2.56%	0.2601%	222
	2038 16	0.00%	0.00%	2.95%	4.46%	2.56%	0.2150%	183
	2039 17	0.00%	0.00%	0.00%	4.46%	2.56%	0.1701%	145
	2040 18	0.00%	0.00%	0.00%	4.46%	2.56%	0.1701%	145
	2041 19	0.00%	0.00%	0.00%	4.46%	2.56%	0.1701%	145
	2042 20	0.00%	0.00%	0.00%	4.46%	2.56%	0.1701%	145
	2043 21	0.00%	0.00%	0.00%	2.23%	2.56%	0.0851%	72
	2044 22	0.00%	0.00%	0.00%	0.00%	2.56%	0.0001%	0
	2045 23	0.00%	0.00%	0.00%	0.00%	2.56%	0.0001%	0
	2046 24	0.00%	0.00%	0.00%	0.00%	2.56%	0.0001%	0
	2047 25	0.00%	0.00%	0.00%	0.00%	2.56%	0.0001%	0
	2048 26	0.00%	0.00%	0.00%	0.00%	2.56%	0.0001%	0
	2049 27	0.00%	0.00%	0.00%	0.00%	2.56%	0.0001%	0
	2050 28	0.00%	0.00%	0.00%	0.00%	2.56%	0.0001%	0
	2051 29	0.00%	0.00%	0.00%	0.00%	2.56%	0.0001%	0
	2052 30	0.00%	0.00%	0.00%	0.00%	2.56%	0.0001%	0
	2053 31	0.00%	0.00%	0.00%	0.00%	2.56%	0.0001%	0
	2054 32	0.00%	0.00%	0.00%	0.00%	2.56%	0.0001%	0
	2055 33	0.00%	0.00%	0.00%	0.00%	2.56%	0.0001%	0
	2056 34	0.00%	0.00%	0.00%	0.00%	2.56%	0.0001%	0
	2057 35	0.00%	0.00%	0.00%	0.00%	2.56%	0.0001%	0
	2058 36	0.00%	0.00%	0.00%	0.00%	2.56%	0.0001%	0
	2059 37	0.00%	0.00%	0.00%	0.00%	2.56%	0.0001%	0
	2060 38	0.00%	0.00%	0.00%	0.00%	2.56%	0.0001%	0
	2061 39	0.00%	0.00%	0.00%	0.00%	2.56%	0.0001%	0
	2062 40	0.00%	0.00%	0.00%	0.00%	2.46%	0.0001%	0
	Total	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	85,202

MACRS Schedule - Adds & Mods

	Year	5-yr	7-yr	15-yr	20-yr	39-yr	Composite
		37.82%	0.00%	10.65%	51.53%	0.00%	100.00%
	1	20.00%	14.29%	5.00%	3.75%	0.11%	10.0286%
	2	32.00%	24.49%	9.50%	7.22%	2.56%	16.8337%
	3	19.20%	17.49%	8.55%	6.68%	2.56%	11.6124%
	4	11.52%	12.49%	7.70%	6.18%	2.56%	8.3598%
	5	11.52%	8.93%	6.93%	5.71%	2.56%	8.0387%
	6	5.76%	8.92%	6.23%	5.29%	2.56%	5.5653%
	7	0.00%	8.93%	5.90%	4.89%	2.56%	3.1472%
	8	0.00%	4.46%	5.90%	4.52%	2.56%	2.9586%
	9	0.00%	0.00%	5.91%	4.46%	2.56%	2.9287%
	10	0.00%	0.00%	5.90%	4.46%	2.56%	2.9271%
	11	0.00%	0.00%	5.91%	4.46%	2.56%	2.9287%
	12	0.00%	0.00%	5.90%	4.46%	2.56%	2.9271%
	13	0.00%	0.00%	5.91%	4.46%	2.56%	2.9287%
	14	0.00%	0.00%	5.90%	4.46%	2.56%	2.9271%
	15	0.00%	0.00%	5.91%	4.46%	2.56%	2.9287%
	16	0.00%	0.00%	2.95%	4.46%	2.56%	2.6130%
	17	0.00%	0.00%	0.00%	4.46%	2.56%	2.2994%
	18	0.00%	0.00%	0.00%	4.46%	2.56%	2.2939%
	19	0.00%	0.00%	0.00%	4.46%	2.56%	2.2994%
	20	0.00%	0.00%	0.00%	4.46%	2.56%	2.2989%
	21	0.00%	0.00%	0.00%	2.23%	2.56%	1.1497%
	22	0.00%	0.00%	0.00%	0.00%	2.56%	0.0000%
	23	0.00%	0.00%	0.00%	0.00%	2.56%	0.0000%
	24	0.00%	0.00%	0.00%	0.00%	2.56%	0.0000%
	25	0.00%	0.00%	0.00%	0.00%	2.56%	0.0000%
	26	0.00%	0.00%	0.00%	0.00%	2.56%	0.0000%
	27	0.00%	0.00%	0.00%	0.00%	2.56%	0.0000%
	28	0.00%	0.00%	0.00%	0.00%	2.56%	0.0000%
	29	0.00%	0.00%	0.00%	0.00%	2.56%	0.0000%
	30	0.00%	0.00%	0.00%	0.00%	2.56%	0.0000%
	31	0.00%	0.00%	0.00%	0.00%	2.56%	0.0000%
	32	0.00%	0.00%	0.00%	0.00%	2.56%	0.0000%
	33	0.00%	0.00%	0.00%	0.00%	2.56%	0.0000%
	34	0.00%	0.00%	0.00%	0.00%	2.56%	0.0000%
	35	0.00%	0.00%	0.00%	0.00%	2.56%	0.0000%
	36	0.00%	0.00%	0.00%	0.00%	2.56%	0.0000%
	37	0.00%	0.00%	0.00%	0.00%	2.56%	0.0000%
	38	0.00%	0.00%	0.00%	0.00%	2.56%	0.0000%
	39	0.00%	0.00%	0.00%	0.00%	2.56%	0.0000%
	40	0.00%	0.00%	0.00%	0.00%	2.46%	0.0000%
	Total	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

Tax Depreciation	Year	1 2023	2 2024	3 2025	4 2026	5 2027	6 2028	7 2029	8 2030	9 2031	10 2032	11 2033	12 2034	13 2035	14 2036	15 2037	16 2038	17 2039	18 2040	19 2041	20 2042	21 2043	22 2044	23 2045	24 2046	25 2047	26 2048	27 2049	28 2050	29 2051	30 2052
Initial Investment	85,202	16,318	26,168	15,814	9,592	9,567	4,898	235	223	222	221	222	221	222	221	222	183	145	145	145	145	72	0	0	0	0	0	0	0	0	1

Adds & Mods

Vintage	Capex																														
2023	0																														
2024	0																														
2025	0																														
2026	0																														
2027	100					10	17	12	8	6	4	3	3	3	3	3	3	3	3	3	3	2	2	2	2	1	1	1	1	1	0
2028	49						5	8	6	4	3	3	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	0	0
2029	57							6	10	7	5	5	4	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2	2	1	0
2030	63								6	11	7	6	5	4	4	3	3	3	3	3	3	3	3	3	3	2	2	2	2	2	1
2031	70									7	12	8	6	6	5	4	4	4	4	4	4	4	4	4	4	3	3	3	3	3	2
2032	176										18	30	20	15	14	10	9	8	8	8	8	7	7	7	6	5	5	5	5	4	2
2033	81											8	14	9	7	7	5	5	5	5	5	5	5	5	5	4	4	4	4	4	3
2034	86												9	14	10	7	7	6	6	6	6	6	6	6	6	5	5	5	5	5	3
2035	90													15	10	8	7	7	6	6	6	6	6	6	6	5	5	5	5	5	3
2036	93													9	16	11	8	8	8	8	8	8	8	8	8	7	7	7	7	7	3
2037	211														23	16	25	18	17	17	17	17	17	17	17	16	16	16	16	16	16	10
2038	99															17	11	8	8	8	8	8	8	8	8	7	7	7	7	7	6
2039	101															10	17	12	8	8	8	8	8	8	8	7	7	7	7	7	6
2040	102																10	17	12	8	8	8	8	8	8	7	7	7	7	7	6
2041	103																	10	17	12	8	8	8	8	8	7	7	7	7	7	6
2042	203																		20	34	24	17	16	11	6	6	6	6	6	6	6
2043	103																			10	17	12	8	8	6	6	6	6	6	6	6
2044	102																				17	12	8	8	6	6	6	6	6	6	6
2045	101																					10	17	12	8	6	6	6	6	6	6
2046	100																						17	12	8	6	6	6	6	6	6
2047	198																						33	23	15	11	11	11	11	11	11
2048	96																						16	11	8	5	5	5	5	5	5
2049	93																							10	7	5	5	5	5	5	5
2050	91																								9	6	6	6	6	6	6
2051	88																									9	6	6	6	6	6
2052	185																										13	13	13	13	13
Total Fed tax depreciation	88,041	16,318	26,168	15,814	9,592	9,577	4,920	261	253	258	272	283	283	284	289	302	274	234	234	237	248	182	107	106	108	116	120	115	112	111	863

Property Tax																															
Property tax rate offset (generation)	0%																														
Property tax rate (generation)	0.00%																														
Book Value	92,199																														
Initial Investment		92,199	92,199	92,199	92,199	92,199	92,199	92,199	92,199	92,199	92,199	92,199	92,199	92,199	92,199	92,199	92,199	92,199	92,199	92,199	92,199	92,199	92,199	92,199	92,199	92,199	92,199	92,199	92,199	92,199	92,199
Cumulative Additions		0	0	0	0	100	149	206	269	310	535	596	681	721	864	1,076	1,174	1,275	1,377	1,480	1,682	1,765	1,882	1,988	2,088	2,285	2,381	2,474	2,565	2,654	2,839
Taxable Book Value		92,199	92,199	92,199	92,199	92,299	92,349	92,405	92,469	92,510	92,734	92,795	92,881	92,920	93,064	93,275	93,374	93,474	93,576	93,679	93,882	93,964	94,080	94,187	94,287	94,485	94,580	94,674	94,765	94,853	95,039
Annual Property Tax Expense (generation)																															
Property tax rate (transmission)	0.000%	(average rate developed based on original cost)																													
Book Value	3,121																														
Initial Investment		3,121	3,121	3,121	3,121	3,121	3,121	3,121	3,121	3,121	3,121	3,121	3,121	3,121	3,121	3,121	3,121	3,121	3,121	3,121	3,121	3,121	3,121	3,121	3,121	3,121	3,121	3,121	3,121	3,121	3,121
Taxable Book Value		3,121	3,121	3,121	3,121	3,121	3,121	3,121	3,121	3,121	3,121	3,121	3,121	3,121	3,121	3,121	3,121	3,121	3,121	3,121	3,121	3,121	3,121	3,121	3,121	3,121	3,121	3,121	3,121	3,121	3,121
Annual Property Tax Expense (transmission)																															

Tax Straight Line Depreciation	Vintage	Tax Basis																														
	2023	85,202	2,840	2,840	2,840	2,

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	2052	185	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	185
Total Tax Straight Line Depreciation		88,041	2,840	2,840	2,840	2,840	2,843	2,845	2,847	2,849	2,851	2,857	2,860	2,863	2,866	2,869	2,876	2,879	2,883	2,886	2,889	2,896	2,900	2,903	2,906	2,910	2,916	2,919	2,923	2,926	2,929	4,590

Year of monetization	2027	2028
% monetized	100%	0%
ITC	20,237	0
Asset useful life	30	30
# of years w/out fed tax appetite	4	5
# of years to amortize ITC	26	25
Annual ITC amortization	778	0

Year Number	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
Year	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	
1st Year ITC Amortization schedule					778	778	778	778	778	778	778	778	778	778	778	778	778	778	778	778	778	778	778	778	778	778	778	778	778	778	
1st Year Annual ITC					20,237																										
1st Year 1/2 of ITC					10,118																										
2nd Year ITC Amortization schedule																															
2nd Year Annual ITC																															
2nd Year 1/2 of ITC																															
Total ITC Amortization schedule					778	778	778	778	778	778	778	778	778	778	778	778	778	778	778	778	778	778	778	778	778	778	778	778	778	778	
Total Annual ITC					20,237																										
Cumulative ITC					20,237	20,237	20,237	20,237	20,237	20,237	20,237	20,237	20,237	20,237	20,237	20,237	20,237	20,237	20,237	20,237	20,237	20,237	20,237	20,237	20,237	20,237	20,237	20,237	20,237	20,237	
Total 1/2 of ITC					10,118																										
ITC					20,237	20,237	20,237	20,237	20,237	20,237	20,237	20,237	20,237	20,237	20,237	20,237	20,237	20,237	20,237	20,237	20,237	20,237	20,237	20,237	20,237	20,237	20,237	20,237	20,237	20,237	
ITC Amortisation					(778)	(778)	(778)	(778)	(778)	(778)	(778)	(778)	(778)	(778)	(778)	(778)	(778)	(778)	(778)	(778)	(778)	(778)	(778)	(778)	(778)	(778)	(778)	(778)	(778)	(778)	
Accumulated ITC Amortisation					(778)	(1,557)	(2,335)	(3,113)	(3,892)	(4,670)	(5,448)	(6,227)	(7,005)	(7,783)	(8,562)	(9,340)	(10,118)	(10,897)	(11,675)	(12,453)	(13,232)	(14,010)	(14,788)	(15,567)	(16,345)	(17,123)	(17,902)	(18,680)	(19,458)	(20,237)	
Unamortised ITC					19,458	18,680	17,902	17,125	16,345	15,567	14,788	14,010	13,232	12,453	11,675	10,897	10,118	9,340	8,562	7,783	7,005	6,227	5,448	4,670	3,892	3,113	2,335	1,557	778	-	

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($ in thousands)

Summary of Inputs

Year 1	2024
Investment	91,517
Investment (Non-AFUDC)	91,517
Investment (AFUDC)	0
ITC eligible basis	88,334
Federal ITC	8,831.41
Useful life (years)	30

# of years	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
Year	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053
Gross Plant- Initial Capital	91,517	91,517	91,517	91,517	91,517	91,517	91,517	91,517	91,517	91,517	91,517	91,517	91,517	91,517	91,517	91,517	91,517	91,517	91,517	91,517	91,517	91,517	91,517	91,517	91,517	91,517	91,517	91,517	91,517	91,517
Cumulative Adds & Mods	0	0	0	0	100	149	206	269	339	515	596	681	771	864	1,076	1,174	1,275	1,377	1,480	1,682	1,785	1,887	1,988	2,088	2,285	2,381	2,474	2,565	2,654	2,839
Gross Plant	91,517	91,517	91,517	91,517	91,617	91,667	91,723	91,787	91,856	92,032	92,113	92,198	92,288	92,382	92,593	92,692	92,792	92,894	92,997	93,200	93,302	93,404	93,505	93,605	93,802	93,898	93,992	94,083	94,171	94,356
Annual Depreciation	(3,051)	(3,051)	(3,051)	(3,051)	(3,054)	(3,056)	(3,057)	(3,060)	(3,062)	(3,068)	(3,070)	(3,073)	(3,076)	(3,079)	(3,086)	(3,090)	(3,093)	(3,096)	(3,100)	(3,107)	(3,110)	(3,113)	(3,117)	(3,120)	(3,127)	(3,130)	(3,133)	(3,136)	(3,139)	(4,801)
Accumulated Depreciation	(3,051)	(6,101)	(9,152)	(12,202)	(15,256)	(18,312)	(21,369)	(24,429)	(27,491)	(30,558)	(33,629)	(36,702)	(39,778)	(42,858)	(45,944)	(49,034)	(52,127)	(55,223)	(58,323)	(61,430)	(64,540)	(67,654)	(70,770)	(73,891)	(77,017)	(80,147)	(83,280)	(86,416)	(89,555)	(94,356)
Cost of Removal/Salvage Accrual	(183)	(183)	(183)	(183)	(183)	(183)	(183)	(183)	(183)	(183)	(183)	(183)	(183)	(183)	(183)	(183)	(183)	(183)	(183)	(183)	(183)	(183)	(183)	(183)	(183)	(183)	(183)	(183)	(183)	(183)
Cost of Removal/Salvage Realization	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5,493
Accumulated Cost of Removal/Salvage Accrual	(183)	(366)	(549)	(732)	(915)	(1,098)	(1,281)	(1,464)	(1,647)	(1,830)	(2,013)	(2,196)	(2,379)	(2,562)	(2,746)	(2,929)	(3,112)	(3,295)	(3,478)	(3,661)	(3,844)	(4,027)	(4,210)	(4,393)	(4,576)	(4,759)	(4,942)	(5,125)	(5,308)	0
Accumulated Deferred Taxes	(3,438)	(9,425)	(12,735)	(14,436)	(16,131)	(16,622)	(15,908)	(15,191)	(14,474)	(13,760)	(13,048)	(12,334)	(11,621)	(10,908)	(10,196)	(9,476)	(8,745)	(8,014)	(7,282)	(6,551)	(5,801)	(5,030)	(4,258)	(3,486)	(2,713)	(1,942)	(1,168)	(392)	385	0
Rate Base	84,845	75,625	69,082	64,147	59,315	55,634	53,165	50,703	48,244	45,883	43,423	40,966	38,510	36,054	33,707	31,253	28,808	26,362	23,914	21,558	19,117	16,694	14,267	11,836	9,476	7,051	4,602	2,149	(308)	0
WACC Revenue Requirement on Rate Base	8.94%	7,883	7,173	6,468	5,955	5,519	5,138	4,863	4,643	4,423	4,208	3,992	3,772	3,553	3,333	3,118	2,904	2,685	2,466	2,247	2,033	1,818	1,601	1,384	1,167	954	740	521	302	82	(14)
Federal ITC Amortization	0	0	0	(327)	(327)	(327)	(327)	(327)	(327)	(327)	(327)	(327)	(327)	(327)	(327)	(327)	(327)	(327)	(327)	(327)	(327)	(327)	(327)	(327)	(327)	(327)	(327)	(327)	(327)	(327)
Gross-up on Federal ITC Amortization	0	0	0	(111)	(111)	(111)	(111)	(111)	(111)	(111)	(111)	(111)	(111)	(111)	(111)	(111)	(111)	(111)	(111)	(111)	(111)	(111)	(111)	(111)	(111)	(111)	(111)	(111)	(111)	(111)
Gross-up on Book/Tax SL depreciation Difference	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50
Depreciation Expense	3,051	3,051	3,051	3,051	3,054	3,056	3,057	3,060	3,062	3,068	3,070	3,073	3,076	3,079	3,086	3,090	3,093	3,096	3,100	3,107	3,110	3,113	3,117	3,120	3,127	3,130	3,133	3,136	3,139	4,801
Cost of Removal/Salvage Accrual	183	183	183	183	183	183	183	183	183	183	183	183	183	183	183	183	183	183	183	183	183	183	183	183	183	183	183	183	183	183
O&M - operating	634	643	658	673	694	762	780	798	817	841	856	876	897	960	944	961	984	1,007	1,031	1,061	1,081	1,107	1,133	1,161	1,194	1,218	1,247	1,278	1,309	1,346
Lease expense	418	426	435	444	452	462	471	480	490	500	510	520	530	541	552	563	574	585	597	609	621	634	646	659	672	686	700	713	728	742
Property Taxes	307	297	291	282	272	263	254	244	235	222	213	200	188	175	814	751	689	630	570	470	407	407	360	360	360	329	313	313	313	313
Insurance	111	115	118	122	126	129	133	137	142	146	151	155	160	165	171	176	181	187	193	199	205	212	218	225	232	239	247	255	262	271
Sum of Revenue Requirements ($000)	$12,637	$11,938	$11,254	$10,321	$9,912	$9,604	$9,353	$9,157	$8,963	$8,779	$8,586	$8,392	$8,199	$8,049	$8,480	$8,240	$8,001	$7,748	$7,495	$7,272	$7,100	$6,868	$6,701	$6,487	$6,334	$6,136	$5,955	$5,791	$5,628	$7,254
NPV of Revenue Requirements	117,020																													
Levelized Revenue Requirement	117,020	9,148	9,148	9,148	9,148	9,148	9,148	9,148	9,148	9,148	9,148	9,148	9,148	9,148	9,148	9,148	9,148	9,148	9,148	9,148	9,148	9,148	9,148	9,148	9,148	9,148	9,148	9,148	9,148	9,148

Deferred Income Tax Calculation

Book Basis	91,517	91,517	91,517	91,517	91,517	91,517	91,517	91,517	91,517	91,517	91,517	91,517	91,517	91,517	91,517	91,517	91,517	91,517	91,517	91,517	91,517	91,517	91,517	91,517	91,517	91,517	91,517	91,517	91,517	91,517
Federal ITC Basis Reduction	(4,416)	(4,416)	(4,416)	(4,416)	(4,416)	(4,416)	(4,416)	(4,416)	(4,416)	(4,416)	(4,416)	(4,416)	(4,416)	(4,416)	(4,416)	(4,416)	(4,416)	(4,416)	(4,416)	(4,416)	(4,416)	(4,416)	(4,416)	(4,416)	(4,416)	(4,416)	(4,416)	(4,416)	(4,416)	(4,416)
Land	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tax Basis	87,101	87,101	87,101	87,101	87,101	87,101	87,101	87,101	87,101	87,101	87,101	87,101	87,101	87,101	87,101	87,101	87,101	87,101	87,101	87,101	87,101	87,101	87,101	87,101	87,101	87,101	87,101	87,101	87,101	87,101
Tax Accelerated Depreciation	89,941	16,653	26,708	16,144	9,797	9,780	5,028	275	266	271	285	296	295	297	301	315	286	245	245	248	259	188	107	106	108	116	120	115	112	111	863
Tax Straight Line Depreciation	89,941	2,903	2,903	2,903	2,903	2,907	2,908	2,910	2,912	2,915	2,923	2,926	2,929	2,932	2,939	2,943	2,946	2,949	2,953	2,959	2,963	2,966	2,970	2,973	2,980	2,983	2,986	2,989	2,992	4,654
Difference	(0)	13,750	23,804	13,241	6,893	6,873	2,120	(2,636)	(2,646)	(2,644)	(2,638)	(2,631)	(2,627)	(2,631)	(2,632)	(2,631)	(2,624)	(2,657)	(2,701)	(2,704)	(2,704)	(2,701)	(2,775)	(2,859)	(2,863)	(2,865)	(2,863)	(2,863)	(2,871)	(2,877)	(2,881)	(3,790)
Tax Effect of Difference (Deferred tax)	(0)	3,485	6,033	3,356	1,747	1,742	537	(668)	(671)	(670)	(668)	(666)	(667)	(667)	(667)	(665)	(673)	(685)	(685)	(685)	(684)	(703)	(725)	(726)	(726)	(726)	(726)	(726)	(728)	(729)	(730)	(961)
Tax Effect of Cost of Removal/Salvage	5,491	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5,491
Book Effect of Cost of Removal/Salvage	5,491	183	183	183	183	183	183	183	183	183	183	183	183	183	183	183	183	183	183	183	183	183	183	183	183	183	183	183	183	183	183	5,308
Difference	0	(183)	(183)	(183)	(183)	(183)	(183)	(183)	(183)	(183)	(183)	(183)	(183)	(183)	(183)	(183)	(183)	(183)	(183)	(183)	(183)	(183)	(183)	(183)	(183)	(183)	(183)	(183)	(183)	(183)	(183)	183
Tax Effect of Difference (Deferred tax)	0	(46)	(46)	(46)	(46)	(46)	(46)	(46)	(46)	(46)	(46)	(46)	(46)	(46)	(46)	(46)	(46)	(46)	(46)	(46)	(46)	(46)	(46)	(46)	(46)	(46)	(46)	(46)	(46)	(46)	(46)	1,345
Total Deferred Tax	(0)	3,438	5,987	3,310	1,701	1,696	491	(714)	(717)	(717)	(714)	(712)	(713)	(713)	(713)	(711)	(720)	(731)	(732)	(732)	(731)	(750)	(771)	(772)	(772)	(772)	(772)	(774)	(776)	(777)	(385)	0
Accumulated Deferred Taxes		3,438	9,425	12,735	14,436	16,131	16,622	15,908	15,191	14,474	13,760	13,048	12,334	11,621	10,908	10,196	9,476	8,745	8,014	7,282	6,551	5,801	5,030	4,258	3,486	2,713	1,942	1,168	392	(385)	0

Insurance Expense ($000s)																														
Insurance - base rate (% of Plant)	0.12%																													
Insurance - inflation rate	3.0%																													
Insurance Expense ($000s)		111	115	118	122	126	129	133	137	142	146	151	155	160	165	171	176	181	187	193	199	205	212	218	225	232	239	247	255	262	273

Federal Tax Depreciation

Capital Expenditures	91,517
Capital Expenditures - Solar	88,334
Capital Expenditures - Transmission	3,184
ITC Eligible Amount	88,334
ITC	8,831
Portion of ITC offsetting tax basis	4,416
Less land	0
Tax Basis	87,101

Asset useful life 30

MACRS Schedule - Initial Investment

Year	5-yr	7-yr	15-yr	20-yr	39-yr	Composite	Fed Tax Deprec
Distribution	94.46%	0.00%	1.52%	4.01%	0.00%	100.00%	
1	20.00%	14.29%	5.00%	3.75%	0.11%	19.1193%	16,653
2	32.00%	24.49%	9.50%	7.22%	2.56%	30.6627%	26,708
3	19.20%	17.49%	8.55%	6.68%	2.56%	18.5351%	16,144
4	11.52%	12.49%	7.70%	6.18%	2.56%	11.2473%	9,797
5	11.52%	8.93%	6.93%	5.71%	2.56%	11.2169%	9,770
6	5.76%	8.92%	6.23%	5.29%	2.56%	5.7480%	5,007
7	0.00%	8.93%	5.90%	4.89%	2.56%	0.2860%	249
8	0.00%	4.46%	5.90%	4.52%	2.56%	0.2712%	236
9	0.00%	0.00%	5.91%	4.46%	2.56%	0.2689%	234
10	0.00%	0.00%	5.90%	4.46%	2.56%	0.2687%	234
11	0.00%	0.00%	5.91%	4.46%	2.56%	0.2689%	234
12	0.00%	0.00%	5.90%	4.46%	2.56%	0.2687%	234
13	0.00%	0.00%	5.91%	4.46%	2.56%	0.2689%	234
14	0.00%	0.00%	5.90%	4.46%	2.56%	0.2687%	234
15	0.00%	0.00%	5.91%	4.46%	2.56%	0.2689%	234
16	0.00%	0.00%	2.95%	4.46%	2.56%	0.2239%	195
17	0.00%	0.00%	0.00%	4.46%	2.56%	0.1792%	156
18	0.00%	0.00%	0.00%	4.46%	2.56%	0.1791%	156
19	0.00%	0.00%	0.00%	4.46%	2.56%	0.1792%	156
20	0.00%	0.00%	0.00%	4.46%	2.56%	0.1791%	156
21	0.00%	0.00%	0.00%	2.23%	2.56%	0.0896%	78
22	0.00%	0.00%	0.00%	0.00%	2.56%	0.0001%	0
23	0.00%	0.00%	0.00%	0.00%	2.56%	0.0001%	0
24	0.00%	0.00%	0.00%	0.00%	2.56%	0.0001%	0
25	0.00%	0.00%	0.00%	0.00%	2.56%	0.0001%	0
26	0.00%	0.00%	0.00%	0.00%	2.56%	0.0001%	0
27	0.00%	0.00%	0.00%	0.00%	2.56%	0.0001%	0
28	0.00%	0.00%	0.00%	0.00%	2.56%	0.0001%	0
29	0.00%	0.00%	0.00%	0.00%	2.56%	0.0001%	0
30	0.00%	0.00%	0.00%	0.00%	2.56%	0.0001%	0
31	0.00%	0.00%	0.00%	0.00%	2.56%	0.0001%	0
32	0.00%	0.00%	0.00%	0.00%	2.56%	0.0001%	0
33	0.00%	0.00%	0.00%	0.00%	2.56%	0.0001%	0
34	0.00%	0.00%	0.00%	0.00%	2.56%	0.0001%	0
35	0.00%	0.00%	0.00%	0.00%	2.56%	0.0001%	0
36	0.00%	0.00%	0.00%	0.00%	2.56%	0.0001%	0
37	0.00%	0.00%	0.00%	0.00%	2.56%	0.0001%	0
38	0.00%	0.00%	0.00%	0.00%	2.56%	0.0001%	0
39	0.00%	0.00%	0.00%	0.00%	2.56%	0.0001%	0
40	0.00%	0.00%	0.00%	0.00%	2.46%	0.0001%	0
Total	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	87,101

MACRS Schedule - Adds & Mods

Year	5-yr	7-yr	15-yr	20-yr	39-yr	Composite
	37.82%	0.00%	10.65%	51.53%	0.00%	100.00%
1	20.00%	14.29%	5.00%	3.75%	0.11%	10.0286%
2	32.00%	24.49%	9.50%	7.22%	2.56%	16.8337%
3	19.20%	17.49%	8.55%	6.68%	2.56%	11.6124%
4	11.52%	12.49%	7.70%	6.18%	2.56%	8.3598%
5	11.52%	8.93%	6.93%	5.71%	2.56%	8.0387%
6	5.76%	8.92%	6.23%	5.29%	2.56%	5.5653%
7	0.00%	8.93%	5.90%	4.89%	2.56%	3.1472%
8	0.00%	4.46%	5.90%	4.52%	2.56%	2.9586%
9	0.00%	0.00%	5.91%	4.46%	2.56%	2.9287%
10	0.00%	0.00%	5.90%	4.46%	2.56%	2.9271%
11	0.00%	0.00%	5.91%	4.46%	2.56%	2.9287%
12	0.00%	0.00%	5.90%	4.46%	2.56%	2.9271%
13	0.00%	0.00%	5.91%	4.46%	2.56%	2.9287%
14	0.00%	0.00%	5.90%	4.46%	2.56%	2.9271%
15	0.00%	0.00%	5.91%	4.46%	2.56%	2.9287%
16	0.00%	0.00%	2.95%	4.46%	2.56%	2.6130%
17	0.00%	0.00%	0.00%	4.46%	2.56%	2.2994%
18	0.00%	0.00%	0.00%	4.46%	2.56%	2.2989%
19	0.00%	0.00%	0.00%	4.46%	2.56%	2.2994%
20	0.00%	0.00%	0.00%	4.46%	2.56%	2.2989%
21	0.00%	0.00%	0.00%	2.23%	2.56%	1.1497%
22	0.00%	0.00%	0.00%	0.00%	2.56%	0.0000%
23	0.00%	0.00%	0.00%	0.00%	2.56%	0.0000%
24	0.00%	0.00%	0.00%	0.00%	2.56%	0.0000%
25	0.00%	0.00%	0.00%	0.00%	2.56%	0.0000%
26	0.00%	0.00%	0.00%	0.00%	2.56%	0.0000%
27	0.00%	0.00%	0.00%	0.00%	2.56%	0.0000%
28	0.00%	0.00%	0.00%	0.00%	2.56%	0.0000%
29	0.00%	0.00%	0.00%	0.00%	2.56%	0.0000%
30	0.00%	0.00%	0.00%	0.00%	2.56%	0.0000%
31	0.00%	0.00%	0.00%	0.00%	2.56%	0.0000%
32	0.00%	0.00%	0.00%	0.00%	2.56%	0.0000%
33	0.00%	0.00%	0.00%	0.00%	2.56%	0.0000%
34	0.00%	0.00%	0.00%	0.00%	2.56%	0.0000%
35	0.00%	0.00%	0.00%	0.00%	2.56%	0.0000%
36	0.00%	0.00%	0.00%	0.00%	2.56%	0.0000%
37	0.00%	0.00%	0.00%	0.00%	2.56%	0.0000%
38	0.00%	0.00%	0.00%	0.00%	2.56%	0.0000%
39	0.00%	0.00%	0.00%	0.00%	2.56%	0.0000%
40	0.00%	0.00%	0.00%	0.00%	2.46%	0.0000%
Total	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

Tax Depreciation	Year	1 2024	2 2025	3 2026	4 2027	5 2028	6 2029	7 2030	8 2031	9 2032	10 2033	11 2034	12 2035	13 2036	14 2037	15 2038	16 2039	17 2040	18 2041	19 2042	20 2043	21 2044	22 2045	23 2046	24 2047	25 2048	26 2049	27 2050	28 2051	29 2052	30 2053
Initial Investment		87,101	16,653	26,708	16,144	9,797	9,770	5,007	249	236	234	234	234	234	234	234	234	195	156	156	156	156	78	0	0	0	0	0	0	0	1
Adds & Mods																															
Vintage	Capex																														
2024	0																														
2025	0																														
2026	0																														
2027	0																														
2028	100					10	17	12	8	8	6	3	3	3	3	3	3	3	3	3	2	2	2	1							0
2029	49					5	8	6	4	4	3	2	1	1	1	1	1	1	1	1	1	1	1	1							0
2030	57						10	7	5	3	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1							0
2031	63						6	11	7	5	4	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1						
2032	70							12	9	6	4	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1					0
2033	176							18	30	20	15	14	10	6	5	5	5	5	5	5	5	5	5	5	4	4	4	4	4	4	2
2034	81								8	14	9	7	7	5	3	3	3	3	3	3	3	3	3	3	2	2	2	2	2	2	1
2035	86									9	14	10	7	5	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2
2036	90										9	14	10	7	5	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2
2037	93											9	14	10	7	5	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2
2038	211												16	11	8	6	5	3	3	3	3	3	3	3	3	3	3	3	3	3	3
2039	99													9	7	5	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2
2040	101														10	7	5	3	3	3	3	3	3	3	3	3	3	3	3	3	2
2041	102															10	7	5	3	3	3	3	3	3	3	3	3	3	3	3	2
2042	103																10	7	5	3	3	3	3	3	3	3	3	3	3	3	2
2043	203																	20	13	8	6	6	6	6	6	6	6	6	6	6	4
2044	103																		10	7	5	3	3	3	3	3	3	3	3	3	2
2045	102																			10	7	5	3	3	3	3	3	3	3	3	2
2046	101																				10	7	5	3	3	3	3	3	3	3	2
2047	100																					10	7	5	3	3	3	3	3	3	2
2048	198																						20	13	8	6	6	6	6	6	4
2049	96																							10	6	3	3	3	3	3	2
2050	93																								9	6	3	3	3	3	2
2051	91																									9	6	3	3	3	2
2052	88																										9	6	3	3	2
2053	185																											19	6	6	4
Total Fed tax depreciation		89,941	16,653	26,708	16,144	9,797	9,780	5,028	275	266	271	285	296	295	297	301	315	286	245	245	248	259	188	107	106	108	116	120	115	112	111	863

Property Tax

Property tax rate offset (generation)	0%																													
Property tax rate (generation)	0.00%																													
Book Value	88,334																													
Initial Investment		88,334	88,334	88,334	88,334	88,334	88,334	88,334	88,334	88,334	88,334	88,334	88,334	88,334	88,334	88,334	88,334	88,334	88,334	88,334	88,334	88,334	88,334	88,334	88,334	88,334	88,334	88,334	88,334	88,334
Cumulative Additions		0	0	0	0	100	149	206	269	339	515	596	681	771	864	1,076	1,174	1,275	1,377	1,480	1,682	1,785	1,887	1,988	2,088	2,285	2,381	2,474	2,565	2,654	2,839
Taxable Book Value		88,334	88,334	88,334	88,334	88,434	88,483	88,540	88,603	88,673	88,848	88,929	89,015	89,105	89,198	89,409	89,508	89,609	89,711	89,813	90,016	90,119	90,221	90,322	90,421	90,619	90,715	90,808	90,899	90,987	91,173
Annual Property Tax Expense (generation)		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Property tax rate (transmission)	0.000%	(average rate developed based on original cost)																												
Book Value	3,184																													
Initial Investment		3,184	3,184	3,184	3,184	3,184	3,184	3,184	3,184	3,184	3,184	3,184	3,184	3,184	3,184	3,184	3,184	3,184	3,184	3,184	3,184	3,184	3,184	3,184	3,184	3,184	3,184	3,184	3,184	3,184
Taxable Book Value		3,184	3,184	3,184	3,184	3,184	3,184	3,184	3,184	3,184	3,184	3,184	3,184	3,184	3,184	3,184	3,184	3,184	3,184	3,184	3,184	3,184	3,184	3,184	3,184	3,184	3,184	3,184	3,184	3,184
Annual Property Tax Expense (transmission)		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Tax Straight Line Depreciation																														
Vintage	Tax Basis																													
2024	87,101	2,903	2,903	2,903	2,903	2,903	2,903	2,903	2,903	2,903	2,903	2,903	2,903	2,903

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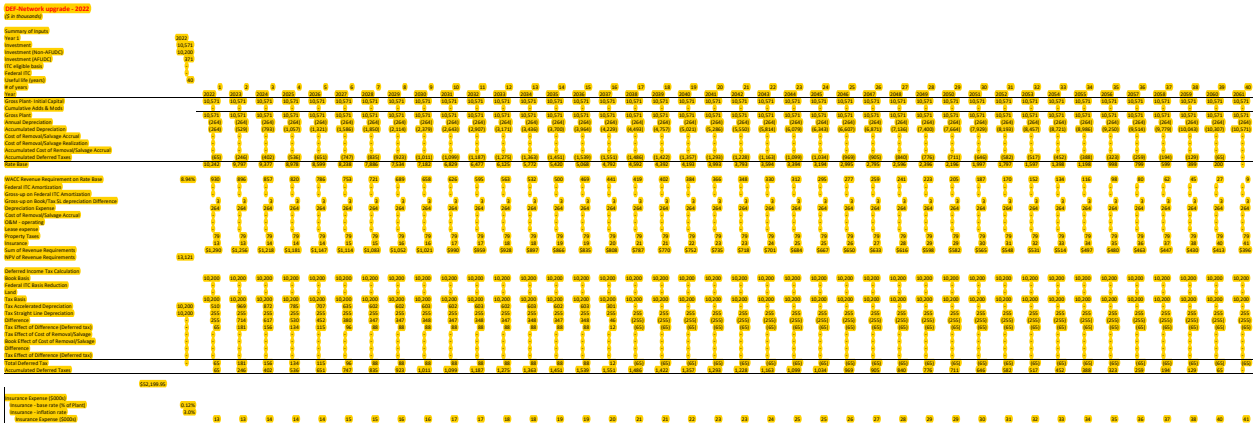

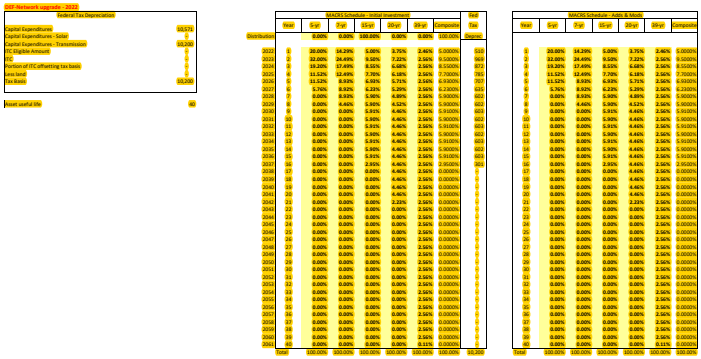

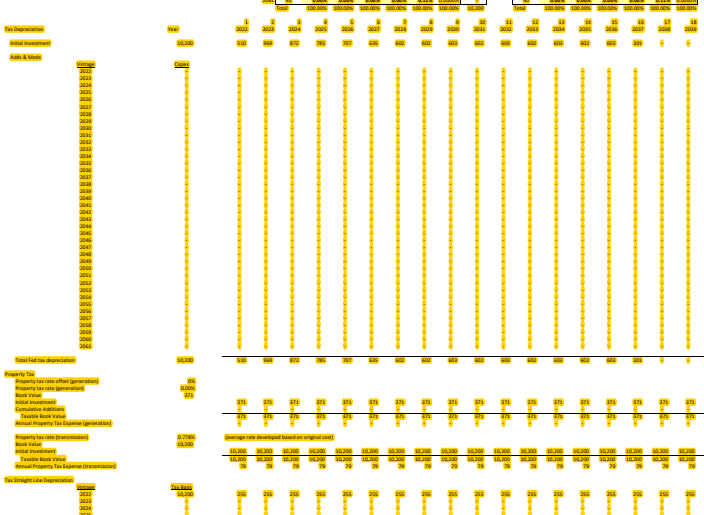

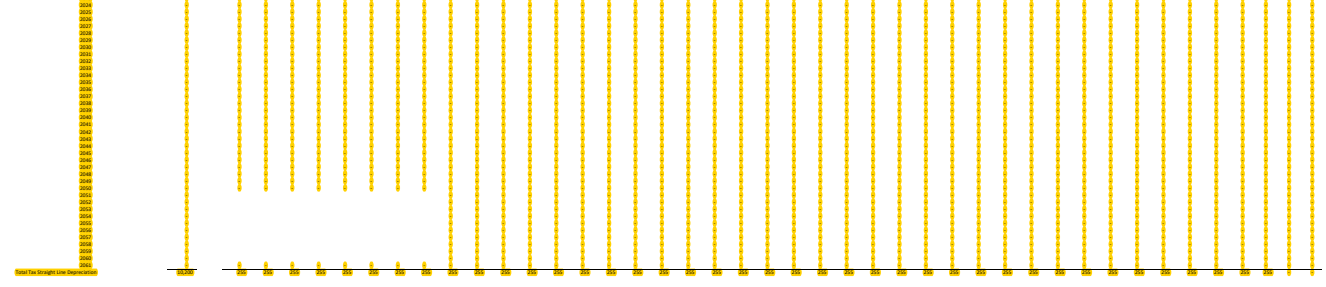

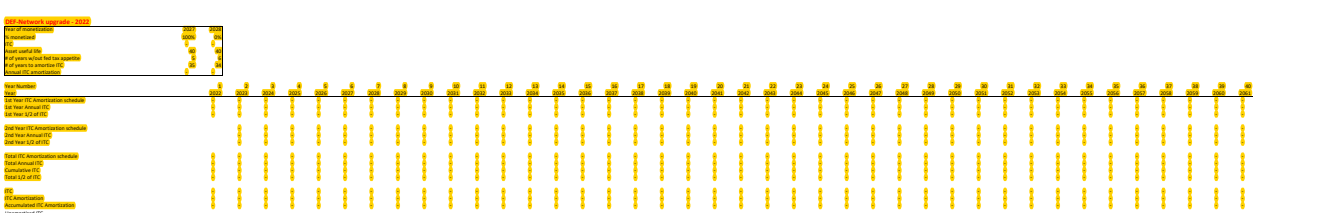

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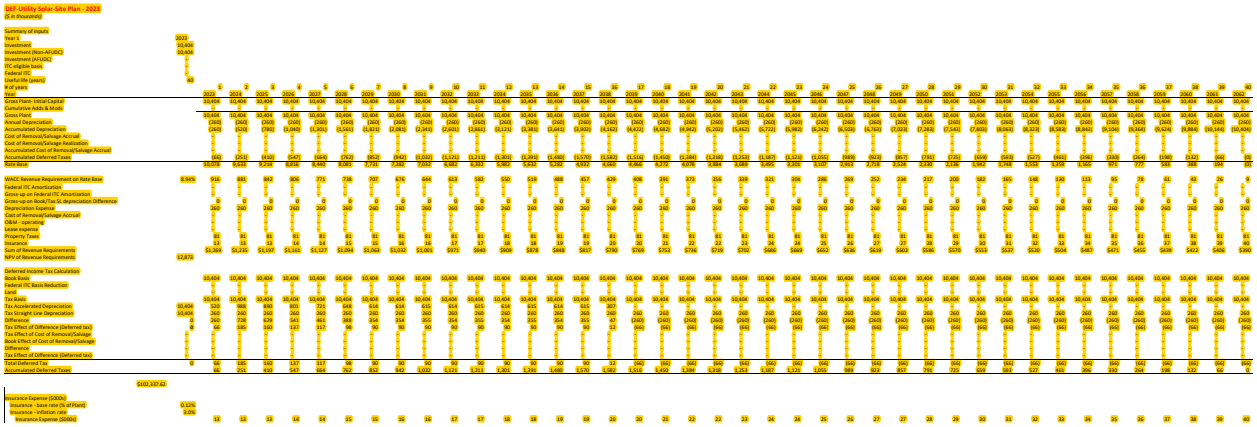

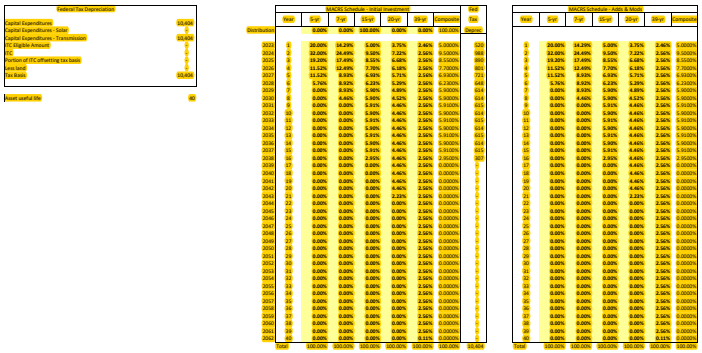

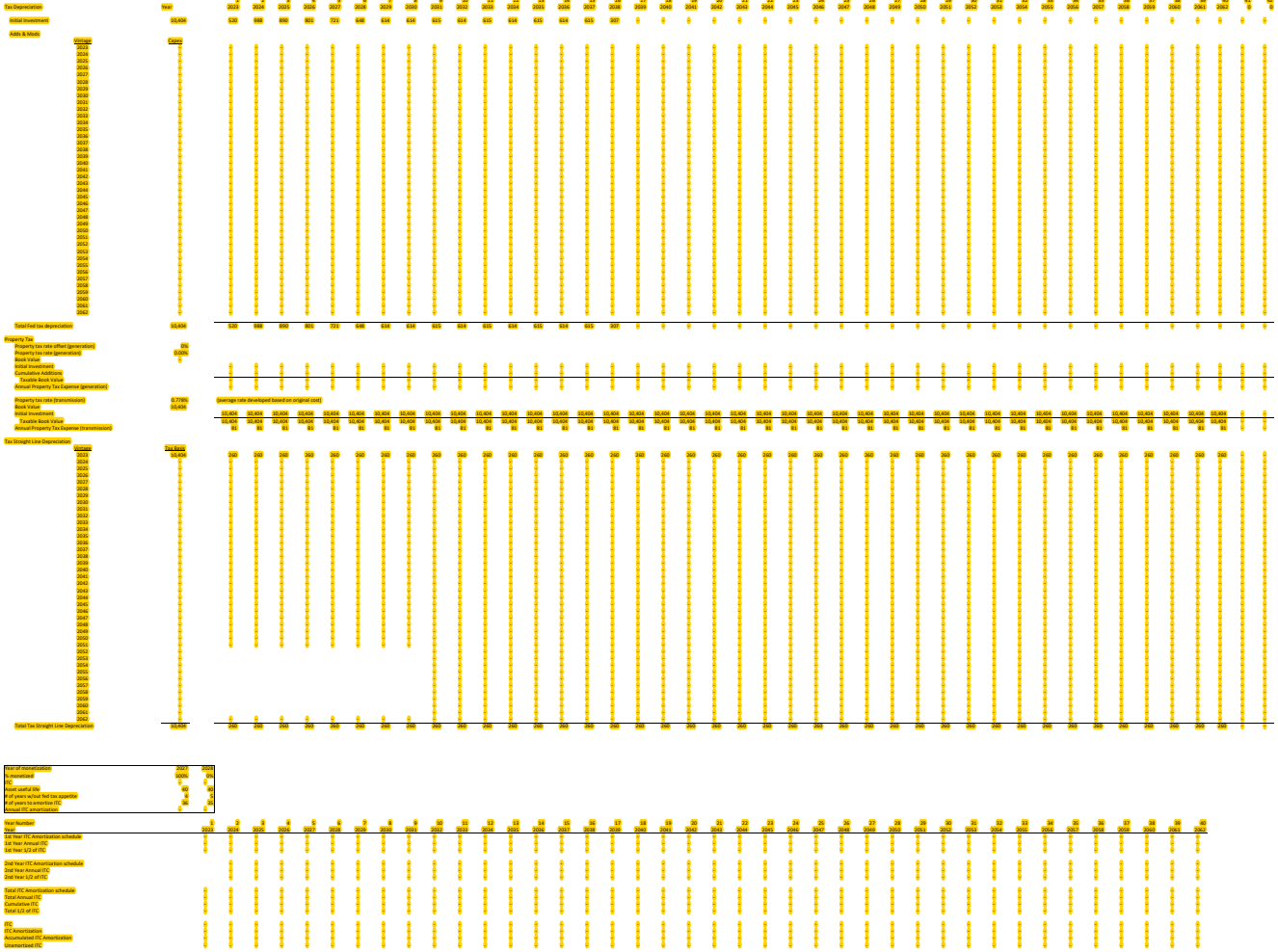

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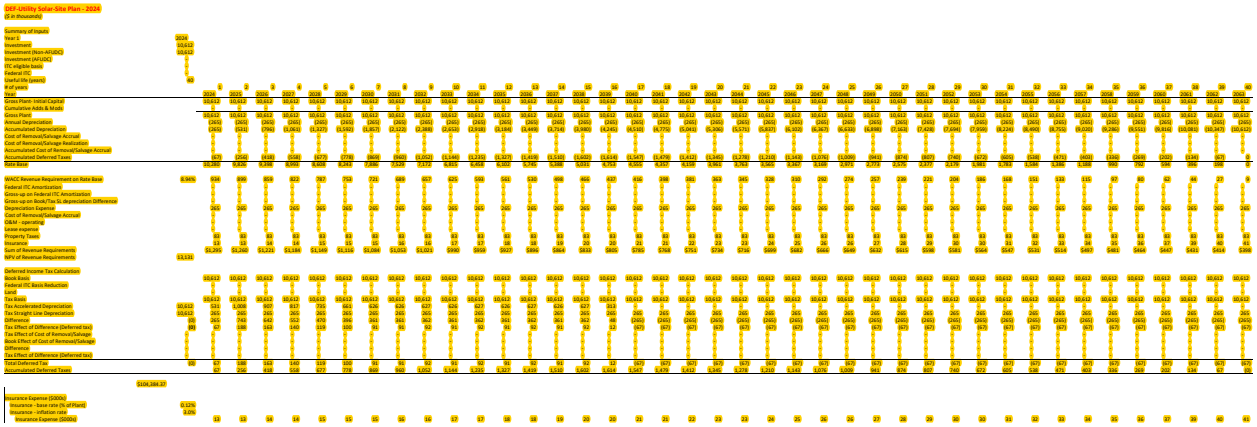

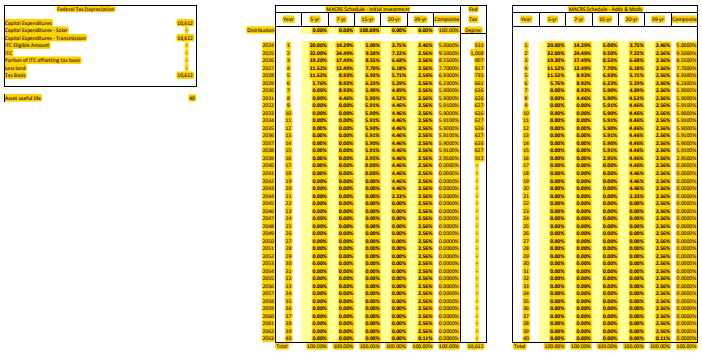

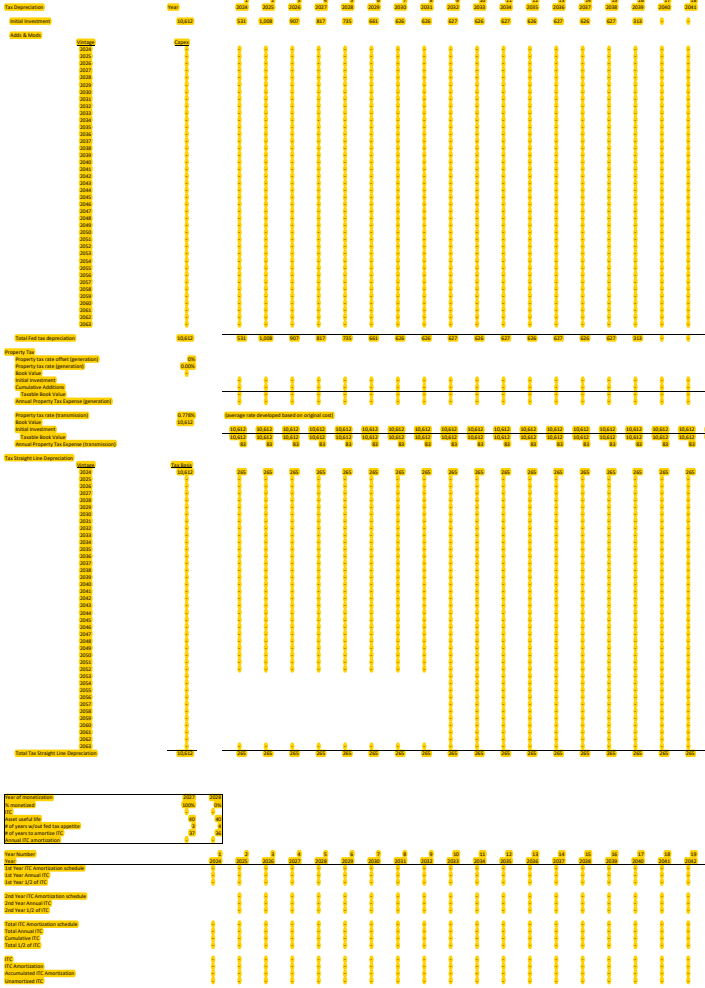

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Program Revenue Requirements		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053
WACC Revenue Requirement on Rate Base		59,044	54,566	85,273	79,139	75,909	66,889	62,427	59,126	56,369	53,643	51,039	48,438	45,829	43,193	40,575	37,978	35,422	32,900	30,409	27,926	25,473	23,025	20,568	18,100	15,642	13,196	10,753	8,386	5,807	3,589	1,814	889
Federal ITC Amortization							(6,167)	(6,167)	(6,167)	(6,167)	(6,167)	(6,167)	(6,167)	(6,167)	(6,167)	(6,167)	(6,167)	(6,167)	(6,167)	(6,167)	(6,167)	(6,167)	(6,167)	(6,167)	(6,167)	(6,167)	(6,167)	(6,167)	(6,167)	(6,167)	(4,422)	(1,339)
Gross-up on Federal ITC Amortization							(2,094)	(2,094)	(2,094)	(2,094)	(2,094)	(2,094)	(2,094)	(2,094)	(2,094)	(2,094)	(2,094)	(2,094)	(2,094)	(2,094)	(2,094)	(2,094)	(2,094)	(2,094)	(2,094)	(2,094)	(2,094)	(2,094)	(2,094)	(2,094)	(1,501)	(449)
Gross-up on Book/Tax DL depreciation Difference		335	793	993	993	993	993	993	993	993	993	993	993	993	993	993	993	993	993	993	993	993	993	993	993	993	993	993	993	993	993	658	200
Depreciation Expense		2,278	21,126	46,390	44,201	44,208	44,414	44,448	44,456	44,477	46,307	46,545	46,165	44,613	44,643	44,661	44,738	44,776	44,809	44,842	44,884	44,932	44,979	45,013	45,047	45,087	45,133	45,178	45,209	45,240	44,588	44,369	22,265
Cost of Removal/Salvage Accrual		397	1,159	1,891	1,891	1,891	1,891	1,891	1,891	1,891	1,891	1,891	1,891	1,891	1,891	1,891	1,891	1,891	1,891	1,891	1,891	1,891	1,891	1,891	1,891	1,891	1,891	1,891	1,891	1,891	1,891	1,495	732
O&M - operating		1,228	3,740	6,341	6,466	6,625	6,901	7,288	7,601	7,846	8,042	8,241	8,435	8,612	8,899	9,201	9,413	9,470	9,673	9,901	10,141	10,396	10,641	10,877	11,137	11,415	11,709	11,982	12,254	12,552	12,869	10,532	5,384
Lease expense		804	2,459	4,180	4,264	4,349	4,436	4,525	4,615	4,707	4,802	4,898	4,996	5,095	5,197	5,301	5,407	5,516	5,626	5,738	5,853	5,970	6,090	6,211	6,336	6,462	6,592	6,723	6,858	6,995	7,135	5,422	2,969
Property Taxes		847	2,426	3,910	3,848	3,762	3,665	3,567	3,469	3,373	3,266	3,156	3,038	2,920	2,790	2,660	2,529	2,745	8,058	7,305	6,536	5,952	5,561	5,200	4,946	4,749	4,498	4,325	4,156	4,072	4,072	3,233	1,582
Insurance		276	799	1,323	1,361	1,402	1,444	1,489	1,534	1,581	1,630	1,681	1,733	1,786	1,842	1,899	1,958	2,020	2,082	2,147	2,214	2,283	2,355	2,428	2,503	2,581	2,662	2,745	2,830	2,917	3,008	2,414	1,205
Sum of Revenue Requirements ($000)	20	$65,858	$87,070	$138,320	$131,341	$125,328	$112,373	$108,557	$105,490	$102,877	$100,513	$98,179	$95,848	$93,474	$91,186	$88,937	$86,648	$90,573	$87,772	$84,962	$82,175	$79,628	$77,276	$75,021	$72,691	$70,559	$68,397	$66,332	$64,197	$62,201	$63,884	$54,391	$31,274
NPV of Revenue Requirements (2021$s)	1,140,298																																

2022 Solar	0	28,278	26,795	25,341	24,272	23,376	20,348	19,774	19,313	18,854	18,417	17,961	17,501	17,043	16,673	16,162	15,711	16,499	15,906	15,315	14,786	14,373	13,825	13,422	12,914	12,539	12,068	11,634	11,238	10,843	14,057	0	0
2023 Solar	0	0	52,688	49,877	47,125	45,114	39,268	37,995	36,940	36,103	35,271	34,481	33,654	32,821	31,992	31,137	30,402	32,089	31,069	29,990	28,915	27,959	27,215	26,222	25,497	24,579	23,911	23,061	22,281	21,570	20,862	27,341	0
2024 Solar	0	0	0	50,548	47,754	45,018	41,285	39,648	38,416	37,412	36,629	35,852	35,118	34,346	33,568	32,794	32,195	33,920	32,958	32,003	30,991	29,982	29,090	28,400	27,472	26,802	25,947	25,334	24,544	23,822	23,166	22,513	29,017
	0	28,278	79,483	125,767	119,151	113,508	100,900	97,417	94,670	92,369	90,317	88,294	86,273	84,210	82,233	80,296	78,307	82,508	79,934	77,308	74,691	72,313	70,130	68,044	65,883	63,920	61,926	60,029	58,063	56,235	58,085	49,854	29,017
2022 NJU	0	2,580	2,512	2,435	2,363	2,294	2,229	2,166	2,104	2,042	1,980	1,918	1,856	1,794	1,732	1,670	1,615	1,574	1,539	1,505	1,471	1,436	1,402	1,368	1,333	1,299	1,265	1,231	1,197	1,163	1,129	0	0
2023 NJU	0	0	5,077	4,941	4,788	4,643	4,507	4,377	4,252	4,129	4,005	3,882	3,759	3,636	3,513	3,390	3,267	3,158	3,077	3,010	2,943	2,876	2,810	2,743	2,676	2,610	2,543	2,477	2,411	2,345	2,279	2,213	0
2024 NJU	0	0	0	5,179	5,040	4,883	4,738	4,597	4,464	4,337	4,211	4,086	3,960	3,824	3,709	3,583	3,458	3,332	3,221	3,130	3,070	3,002	2,934	2,865	2,798	2,730	2,662	2,594	2,527	2,459	2,392	2,324	2,257
	0	2,580	7,589	12,554	12,190	11,821	11,473	11,139	10,820	10,507	10,196	9,885	9,575	9,264	8,954	8,643	8,340	8,065	7,838	7,654	7,484	7,315	7,146	6,977	6,808	6,639	6,471	6,302	6,135	5,967	5,799	4,537	2,257
Total	0	30,858	87,071	138,321	131,341	125,328	112,373	108,557	105,490	102,877	100,513	98,179	95,848	93,474	91,186	88,937	86,648	90,573	87,772	84,962	82,175	79,628	77,276	75,021	72,691	70,559	68,397	66,332	64,197	62,201	63,884	54,391	31,274
MW's		149.8	449.4	749	749	749	749	749	749	749	749	749	749	749	749	749	749	749	749	749	749	749	749	749	749	749	749	749	749	749	749	599.2	299.6

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		0	1	2	5	6	7		12
		2022 Solar	2023 Solar	2024 Solar	2022 NetUp	2023 NetUp	2024 NetUp	Total	MW's
0	2021	$ -	$ -	$ -	$ -	$ -	$ -	$ -	0
1	2022	$ 28,278	$ -	$ -	$ 2,580	$ -	$ -	$ 30,858	149.8
2	2023	$ 26,795	$ 52,688	$ -	$ 2,512	$ 5,077	$ -	$ 87,071	449.4
3	2024	$ 25,341	$ 49,877	$ 50,548	$ 2,435	$ 4,941	$ 5,179	$ 138,321	749
4	2025	$ 24,272	$ 47,125	$ 47,754	$ 2,363	$ 4,788	$ 5,040	$ 131,341	749
5	2026	$ 23,376	$ 45,114	$ 45,018	$ 2,294	$ 4,643	$ 4,883	$ 125,328	749
6	2027	$ 20,348	$ 39,268	$ 41,285	$ 2,229	$ 4,507	$ 4,736	$ 112,373	749
7	2028	$ 19,774	$ 37,995	$ 39,648	$ 2,166	$ 4,377	$ 4,597	$ 108,557	749
8	2029	$ 19,313	$ 36,940	$ 38,416	$ 2,104	$ 4,252	$ 4,464	$ 105,490	749
9	2030	$ 18,854	$ 36,103	$ 37,412	$ 2,042	$ 4,129	$ 4,337	$ 102,877	749
10	2031	$ 18,417	$ 35,271	$ 36,629	$ 1,980	$ 4,005	$ 4,211	$ 100,513	749
11	2032	$ 17,961	$ 34,481	$ 35,852	$ 1,918	$ 3,882	$ 4,086	$ 98,179	749
12	2033	$ 17,501	$ 33,654	$ 35,118	$ 1,856	$ 3,759	$ 3,960	$ 95,848	749
13	2034	$ 17,043	$ 32,821	$ 34,346	$ 1,794	$ 3,636	$ 3,834	$ 93,474	749
14	2035	$ 16,673	$ 31,992	$ 33,568	$ 1,732	$ 3,513	$ 3,709	$ 91,186	749
15	2036	$ 16,162	$ 31,337	$ 32,794	$ 1,670	$ 3,390	$ 3,583	$ 88,937	749
16	2037	$ 15,711	$ 30,402	$ 32,195	$ 1,615	$ 3,267	$ 3,458	$ 86,648	749
17	2038	$ 16,499	$ 32,089	$ 33,920	$ 1,574	$ 3,158	$ 3,332	$ 90,573	749
18	2039	$ 15,906	$ 31,069	$ 32,958	$ 1,539	$ 3,077	$ 3,221	$ 87,772	749
19	2040	$ 15,315	$ 29,990	$ 32,003	$ 1,505	$ 3,010	$ 3,139	$ 84,962	749
20	2041	$ 14,786	$ 28,915	$ 30,991	$ 1,471	$ 2,943	$ 3,070	$ 82,175	749
21	2042	$ 14,373	$ 27,959	$ 29,982	$ 1,436	$ 2,876	$ 3,002	$ 79,628	749
22	2043	$ 13,825	$ 27,215	$ 29,090	$ 1,402	$ 2,810	$ 2,934	$ 77,276	749
23	2044	$ 13,422	$ 26,222	$ 28,400	$ 1,368	$ 2,743	$ 2,866	$ 75,021	749
24	2045	$ 12,914	$ 25,497	$ 27,472	$ 1,333	$ 2,676	$ 2,798	$ 72,691	749
25	2046	$ 12,539	$ 24,579	$ 26,802	$ 1,299	$ 2,610	$ 2,730	$ 70,559	749
26	2047	$ 12,068	$ 23,911	$ 25,947	$ 1,265	$ 2,543	$ 2,662	$ 68,397	749
27	2048	$ 11,634	$ 23,061	$ 25,334	$ 1,231	$ 2,477	$ 2,594	$ 66,332	749
28	2049	$ 11,238	$ 22,281	$ 24,544	$ 1,197	$ 2,411	$ 2,527	$ 64,197	749
29	2050	$ 10,843	$ 21,570	$ 23,822	$ 1,163	$ 2,345	$ 2,459	$ 62,201	749
30	2051	$ 14,057	$ 20,862	$ 23,166	$ 1,129	$ 2,279	$ 2,392	$ 63,884	749
31	2052	$ -	$ 27,341	$ 22,513	$ -	$ 2,213	$ 2,324	$ 54,391	599.2
32	2053	$ -	$ -	$ 29,017	$ -	$ -	$ 2,257	$ 31,274	299.6
Total		**$ 515,239**	**$ 967,630**	**$ 986,545**	**$ 52,200**	**$ 102,338**	**$ 104,384**	**$ 2,728,335**	
NPV (2020$s)		**$ 235,237**	**$ 410,892**	**$ 385,325**	**$ 23,676**	**$ 43,543**	**$ 41,625**	**$ 1,140,298**	

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Dispatch Price ($/MWh)

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Station	Unit Type	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054
AC	DSM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Anclote.1	Steam-Gas	33.25	33.93	35.27	36.53	37.61	45.00	51.36	59.58	69.03	77.45	81.23	88.86	95.51	95.36	103.16	111.35	119.07	130.78	141.08	150.09	160.79	170.12	179.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Anclote.2	Steam-Gas	36.60	36.51	38.61	39.77	41.08	48.54	55.68	64.32	74.95	84.48	90.70	95.46	102.28	101.36	113.16	124.03	131.93	144.77	157.50	166.23	178.91	188.95	198.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
As.Avail	Cogen	20.48	20.63	21.11	21.67	23.24	29.19	34.98	42.37	49.03	56.38	60.83	67.98	72.11	74.86	77.76	80.48	88.80	99.90	108.24	116.90	126.04	136.84	144.25	150.75	157.76	168.20	178.97	186.86	197.28	206.29	214.43	221.95	231.23	241.28	249.69
As.Avail.PCS	Renewable	20.50	20.83	21.20	21.70	23.01	30.85	38.54	47.40	56.76	64.00	71.36	79.15	85.30	91.58	94.22	99.57	110.81	125.79	138.27	152.54	163.93	178.36	187.47	197.88	209.75	224.82	238.25	250.13	263.92	274.47	290.38	302.01	312.98	326.48	340.72
AVON.PK_P.1	CT	105.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVON.PK_P.2	CT	553.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Bartow CC.1.0	Steam-CC	19.47	19.75	20.37	20.97	22.36	26.18	30.03	34.50	39.83	44.27	47.67	51.24	55.02	56.49	59.68	63.23	67.60	74.29	80.18	84.73	90.79	96.27	102.01	107.93	113.84	120.76	126.90	131.76	137.69	142.86	147.31	152.70	158.45	164.07	169.82
Bartow CC.1.PAG	Steam-CC	23.75	23.42	24.91	25.66	27.86	32.87	38.03	43.75	50.47	56.39	60.32	65.69	70.86	72.96	74.22	79.10	84.73	92.46	99.34	104.24	109.54	116.58	124.43	130.01	136.58	144.71	152.39	159.10	165.48	173.62	178.40	184.90	192.23	199.48	205.61
BARTOW_P.1	CT	280.31	262.18	292.44	304.80	296.96	309.82	324.00	330.86	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BARTOW_P.2	CT	49.73	46.91	52.27	56.18	54.32	64.34	70.86	82.77	93.73	102.80	115.96	122.91	129.07	135.24	132.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BARTOW_P.3	CT	287.39	246.03	280.85	306.80	289.05	306.91	317.20	340.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BARTOW_P.4	CT	45.27	43.46	52.76	51.28	51.41	60.17	68.07	79.34	91.80	102.18	115.07	120.85	124.79	127.93	121.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Battery Cape San Blas	Storage	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Battery Jennings	Storage	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Battery Micanopy	Storage	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Battery Trenton	Storage	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BAYBORO_P.1	CT	215.85	215.65	220.22	224.47	226.33	238.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BAYBORO_P.2	CT	281.50	227.55	246.00	286.75	264.04	269.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BAYBORO_P.3	CT	217.38	215.52	220.56	226.21	227.20	238.93	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BAYBORO_P.4	CT	216.31	213.70	220.64	224.77	227.27	239.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Citrus.CC.1	Steam-CC	17.07	17.24	17.72	18.12	19.14	22.69	26.11	30.35	35.32	39.43	42.50	45.75	49.11	50.47	53.63	56.69	60.65	66.81	72.31	76.47	81.93	86.97	92.40	97.29	102.71	109.16	114.68	119.15	124.59	129.37	133.44	138.35	143.37	148.44	153.72
Citrus.CC.1.Duct	Steam-CC	18.57	18.64	19.30	19.70	20.98	25.26	29.46	34.39	40.06	44.67	48.99	52.63	55.94	57.61	61.41	64.94	69.60	76.81	82.83	87.99	94.12	100.37	106.88	113.00	119.54	126.35	133.34	138.50	144.51	149.61	155.54	160.81	167.34	173.29	180.14
Citrus.CC.2	Steam-CC	17.08	17.29	17.65	18.19	19.24	22.77	26.12	30.35	35.33	39.44	42.52	45.78	49.12	50.48	53.64	56.69	60.67	66.81	72.09	76.31	81.68	86.73	92.06	96.94	102.33	108.78	114.29	118.73	124.26	128.96	133.11	138.24	143.28	148.34	153.60
Citrus.CC.2.Duct	Steam-CC	18.43	18.51	18.97	19.56	20.77	25.10	29.21	34.23	40.14	44.29	48.70	52.34	55.65	57.30	60.69	64.16	68.42	75.73	81.56	86.67	92.69	98.70	106.02	111.68	118.09	124.90	131.60	136.45	142.64	147.19	153.42	159.13	164.03	170.76	177.70
Crystal.4	Steam-Coal	26.20	26.67	28.21	30.08	31.50	40.10	46.95	53.75	60.58	66.72	72.48	83.34	89.90	98.63	109.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Crystal.5	Steam-Coal	25.66	26.31	27.64	30.14	31.11	39.37	46.22	52.87	59.91	65.55	71.54	81.74	88.29	96.76	108.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Dade.County	Renewable	20.34	20.73	21.16	21.69	23.03	31.32	38.30	46.27	57.25	64.43	71.61	79.36	86.78	90.62	94.81	99.68	111.77	126.94	139.28	150.63	163.70	177.75	187.15	200.10	210.92	224.32	238.24	250.74	263.20	275.73	289.74	301.86	314.12	325.95	338.47
DEBARY.10	CT	227.35	223.02	235.72	239.13	238.27	252.29	264.22	278.32	295.39	307.56	326.98	337.32	346.59	360.79	374.57	390.98	403.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.2	CT	271.32	262.36	274.72	294.15	288.90	298.74	323.86	333.89	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.3	CT	279.85	254.71	276.17	277.33	286.96	300.51	308.92	323.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.4	CT	275.73	246.85	279.16	285.50	290.63	299.80	310.36	353.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.5	CT	276.08	245.21	281.41	289.86	287.95	295.69	306.29	332.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.6	CT	277.84	253.67	285.54	288.64	284.47	300.60	310.92	326.54	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.7	CT	46.38	41.58	49.24	50.71	48.76	58.15	66.08	77.46	88.93	98.16	108.58	112.96	117.24	122.31	116.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.8	CT	45.73	42.41	45.88	50.17	49.33	58.63	65.73	77.56	87.72	98.28	108.58	114.91	120.23	124.10	133.92	152.52	151.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.9	CT	45.25	44.47	46.31	50.26	48.87	58.67	67.01	77.72	90.01	98.06	108.44	113.84	120.17	122.77	137.35	152.30	154.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EconPurch	TranEcon-Purc	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EconSale	TranEcon-Sale	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.1	CT	0.00	0.00	0.00	0.00	0.00	0.00	56.08	63.90	69.96	76.43	83.22	87.78	91.65	103.35	112.64	119.47	129.62	140.52	146.45	157.27	164.86	191.33	206.76	217.76	230.00	240.67	247.18	260.38	266.71	273.82	284.13	291.84	304.24	314.73
Gen.190MW.CT.10	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	164.92	172.13	180.18	186.31	226.37	232.70	245.79	261.57	272.37	276.29	291.94	302.33	307.24	314.64	326.53	343.75	348.78
Gen.190MW.CT.11	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	170.17	179.75	184.54	191.68	233.01	239.42	252.96	269.39	280.20	296.82	306.39	310.15	314.92	324.09	336.39	353.53
Gen.190MW.CT.12	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	175.12	181.95	191.07	197.76	235.34	239.02	252.80	270.98	282.71	282.92	302.96	309.28	312.95	324.57	342.37	357.57	359.52
Gen.190MW.CT.13	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	197.11	201.84	235.63	241.62	256.03	275.89	283.86	289.77	307.84	314.53	323.93	327.88	345.21	362.97	367.16
Gen.190MW.CT.14	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	258.67	280.20	293.72	296.25	312.04	319.28	323.27	332.51	350.68	366.42	365.64
Gen.190MW.CT.15	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	263.39	282.89	290.97	294.34	315.16	321.10	325.66	337.00	355.41	373.58	369.92
Gen.190MW.CT.16	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	284.02	295.93	295.18	319.74	327.10	327.98	335.63	357.82	378.00	374.36
Gen.190MW.CT.17	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.18	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.19	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.2	CT	0.00	0.00	0.00	0.00	0.00	0.00	56.71	64.48	70.83	76.95	83.22	88.12	92.17	104.25	113.32	120.59	130.64	141.74	148.06	158.66	166.01	194.01	206.93	218.93	232.99	242.88	250.39	263.03	271.13	277.94	287.18	295.33	308.69	316.85
Gen.190MW.CT.20	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.21	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.3	CT	0.00	0.00	0.00	0.00	0.00	0.00	65.30	71.38	77.66	83.62	88.46	92.48	105.51	115.06	121.81	132.65	143.23	149.67	160.50	168.00	196.86	211.77	222.22	235.65	247.00	254.58	266.09	274.82	280.40	288.66	297.58	311.98	320.36
Gen.190MW.CT.4	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	78.99	84.57	89.27	92.71	107.23	116.76	122.68	134.63	144.82	151.23	161.47	169.34	200.85	214.75	225.38	238.19	248.30	256.20	270.00	276.48	283.08	292.50	301.95	315.41	324.42
Gen.190MW.CT.5	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	89.93	93.30	109.62	119.46	125.08	136.48	146.83	152.89	163.62	171.15	204.43	218.57	227.25	242.32	252.96	259.61	272.69	279.95	288.39	296.00	306.20	321.00	327.25
Gen.190MW.CT.6	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	117.70	122.30	127.43	139.84	149.58	155.89	165.08	173.86	208.71	221.44	230.21	247.25	256.39	262.53	275.30	283.61	290.74	299.51	309.11	324.08	331.18
Gen.190MW.CT.7	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	120.86	126.94	132.48	143.50	151.96	158.95	167.70	175.85	212.58	223.18	234.55	250.46	259.99	266.15	278.57	287.35	294.97	304.95	313.26	330.28	337.97
Gen.190MW.CT.8	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	126.95	132.57	137.15	148.26	157.10	162.05	171.87	179.04	218.93	226.19	238.28	253.11	264.14	270.14	285.47	291.20	303.83	306.04	319.03	335.98	344.71
Gen.190MW.CT.9	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	131.68	135.71	141.15	151.73	160.88	168.11	175.34	182.89	224.28	229.11	240.79	258.40	267.27	272.62	289.03	296.43	301.45	310.88	322.75	338.90	349.23
Gen.2x1.CC.1.1	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	54.27	56.52	60.44	66.48	71.83	76.01	81.27	86.25	91.42	96.14	101.53	107.82	113.36	117.73	123.05	127.81	131.82	136.73	141.73	146.76	151.86
Gen.2x1.CC.1.1.Duct	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	71.53	74.97	80.11	88.39	95.29	100.86	108.01	114.66	121.73	127.70	134.84	143.12	150.47	156.21	163.56	169.13	174.58	181.13	187.56	194.29	201.18
Gen.2x1.CC.1.2	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	92.26	95.94	101.29	107.57	113.09	117.40	122.73	127.54	131.56	136.51	141.52	146.55	151.64
Gen.2x1.CC.2.2.Duct	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	122.06	127.49	134.83	143.06	150.43	156.06	163.55	168.81	174.42	181.19	187.50	194.18	200.92
Gen.2x1.CC.3	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.2x1.CC.3.Duct	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.2x1.CC.4	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.2x1.CC.4.Duct	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.2x1.CC.5	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

CONFIDENTIAL

Fixed Cost ($000)

\\s00233\grpdata\PEF Resource Planning\2020\2020-03 Clean Energy Connection\Prosym\050S2020\CEC_0MW.mdb

Station	Unit Type	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054
AC	DSM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anclote.1	Steam-Gas	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anclote.2	Steam-Gas	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
As.Avail	Cogen	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
As.Avail.PCS	Renewable	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AVON.PK_P.1	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AVON.PK_P.2	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bartow CC.1.0	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bartow CC.1.PAG	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BARTOW_P.1	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BARTOW_P.2	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BARTOW_P.3	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BARTOW_P.4	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Battery Cape San Blas	Storage	48	146	176	237	240	244	249	253	257	261	266	270	240	174	205	266	270	275	280	285	290	295	300	305	310	215	0	0	0	0	0	0	0	0	0
Battery Jennings	Storage	79	241	247	242	230	231	232	234	236	237	239	241	236	225	236	255	260	265	270	275	280	285	290	295	301	208	0	0	0	0	0	0	0	0	0
Battery Micanopy	Storage	79	241	247	242	230	231	232	234	236	237	239	241	236	225	236	255	260	265	270	275	280	285	290	295	301	208	0	0	0	0	0	0	0	0	0
Battery Trenton	Storage	79	241	247	242	230	231	232	234	236	237	239	241	236	225	236	255	260	265	270	275	280	285	290	295	301	208	0	0	0	0	0	0	0	0	0
BAYBORO_P.1	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BAYBORO_P.2	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BAYBORO_P.3	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BAYBORO_P.4	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus.CC.1	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus.CC.1.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus.CC.2	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus.CC.2.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Crystal.4	Steam-Coal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Crystal.5	Steam-Coal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dade.County	Renewable	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.10	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.2	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.3	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.4	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.5	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.6	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.7	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.8	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.9	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EconPurch	TranEcon-Purc	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EconSale	TranEcon-Sale	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.1	CT	0	0	0	0	0	0	257	452	463	475	487	499	511	524	537	551	564	578	593	608	623	638	654	671	688	705	722	740	759	778	797	817	838	859	
Gen.190MW.CT.10	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	712	1,252	1,283	1,315	1,348	1,382	1,416	1,451	1,488	1,525	1,563	1,602	1,642	1,683	1,725	1,768	1,813	
Gen.190MW.CT.11	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	712	1,252	1,283	1,315	1,348	1,382	1,416	1,451	1,488	1,525	1,563	1,602	1,642	1,683	1,725	1,768	1,813	
Gen.190MW.CT.12	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	712	1,252	1,283	1,315	1,348	1,382	1,416	1,451	1,488	1,525	1,563	1,602	1,642	1,683	1,725	1,768	1,813	
Gen.190MW.CT.13	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	748	1,315	1,348	1,382	1,416	1,451	1,488	1,525	1,563	1,602	1,642	1,683	1,725	1,768	1,813	
Gen.190MW.CT.14	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	826	1,451	1,488	1,525	1,563	1,602	1,642	1,683	1,725	1,768	1,813		
Gen.190MW.CT.15	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	826	1,451	1,488	1,525	1,563	1,602	1,642	1,683	1,725	1,768	1,813	
Gen.190MW.CT.16	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	847	1,488	1,525	1,563	1,602	1,642	1,683	1,725	1,768	1,813	
Gen.190MW.CT.17	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.18	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.19	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.2	CT	0	0	0	0	0	0	257	452	463	475	487	499	511	524	537	551	564	578	593	608	623	638	654	671	688	705	722	740	759	778	797	817	838	859	
Gen.190MW.CT.20	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.21	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.3	CT	0	0	0	0	0	0	264	463	475	487	499	511	524	537	551	564	578	593	608	623	638	654	671	688	705	722	740	759	778	797	817	838	859		
Gen.190MW.CT.4	CT	0	0	0	0	0	0	0	277	487	499	511	524	537	551	564	578	593	608	623	638	654	671	688	705	722	740	759	778	797	817	838	859			
Gen.190MW.CT.5	CT	0	0	0	0	0	0	0	0	291	511	524	537	551	564	578	593	608	623	638	654	671	688	705	722	740	759	778	797	817	838	859				
Gen.190MW.CT.6	CT	0	0	0	0	0	0	0	0	306	537	551	564	578	593	608	623	638	654	671	688	705	722	740	759	778	797	817	838	859						
Gen.190MW.CT.7	CT	0	0	0	0	0	0	0	0	0	0	0	645	1,134	1,162	1,191	1,221	1,252	1,283	1,315	1,348	1,382	1,416	1,451	1,488	1,525	1,563	1,602	1,642	1,683	1,725	1,768	1,813		
Gen.190MW.CT.8	CT	0	0	0	0	0	0	0	0	0	0	0	645	1,134	1,162	1,191	1,221	1,252	1,283	1,315	1,348	1,382	1,416	1,451	1,488	1,525	1,563	1,602	1,642	1,683	1,725	1,768	1,813		
Gen.190MW.CT.9	CT	0	0	0	0	0	0	0	0	0	0	0	645	1,134	1,162	1,191	1,221	1,252	1,283	1,315	1,348	1,382	1,416	1,451	1,488	1,525	1,563	1,602	1,642	1,683	1,725	1,768	1,813		
Gen.2x1.CC.1.1	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	3,851	6,767	6,937	7,110	7,288	7,470	7,657	7,848	8,044	8,245	8,452	8,663	8,879	9,101	9,329	9,562	9,801	10,046	10,297	10,555	10,819		
Gen.2x1.CC.1.1.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	791	1,390	1,425	1,460	1,497	1,534	1,573	1,612	1,652	1,693	1,736	1,779	1,824	1,869	1,916	1,964	2,013	2,063	2,115	2,168	2,222		
Gen.2x1.CC.1.2	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4,693	8,245	8,452	8,663	8,879	9,101	9,329	9,562	9,801	10,046	10,297	10,555	10,819	
Gen.2x1.CC.1.2.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	964	1,693	1,736	1,779	1,824	1,869	1,916	1,964	2,013	2,063	2,115	2,168	2,222		
Gen.2x1.CC.1.3	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Gen.2x1.CC.1.3.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Gen.2x1.CC.1.4	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Gen.2x1.CC.1.4.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Gen.2x1.CC.1.5	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Gen.2x1.CC.1.5.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Gen.2x1.CC.1.6	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Gen.2x1.CC.1.6.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Gen.2x1.CC.1.7	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Gen.2x1.CC.1.7.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
HEAT	DSM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Hines.CC.1	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Hines.CC.2	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Hines.CC.3	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Hines.CC.4	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
INT.CITY.1	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
INT.CITY.10	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
INT.CITY.11	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
INT.CITY.12	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
INT.CITY.13	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
INT.CITY.14	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
INT.CITY.2	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
INT.CITY.3	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
INT.CITY.4	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
INT.CITY.5	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
INT.CITY.6	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
INT.CITY.7	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
INT.CITY.8	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
INT.CITY.9	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
INTER	DSM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Lake.County	Renewable	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
LEE.County.Res	Renewable	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Mulberry	Cogen	97,306	101,979	107,186	112,648	48,439	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
NSG.Vand.CT.1	TranFirm-Purc	9,464	9,464	9,464	9,464	9,464	9,464	9,464	3,013

CONFIDENTIAL

Fuel Cost ($000)

\\s00233\grpdata\PEF Resource Planning\2020\2020-03 Clean Energy Connection\Prosym\0505202O\CEC_0MW.mdb

Station	Unit Type	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054
AC	DSM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anclote.1	Steam-Gas	9,133	10,760	13,894	13,077	15,028	17,133	21,292	22,868	26,739	29,680	28,323	34,914	34,429	40,907	35,340	35,039	36,137	43,350	38,780	44,177	43,847	47,003	16,484	0	0	0	0	0	0	0	0	0	0	0	0
Anclote.2	Steam-Gas	11,322	13,330	13,418	15,170	14,540	20,771	20,993	25,062	30,865	30,121	37,190	36,234	40,432	44,514	41,763	35,737	40,155	42,093	41,783	41,083	45,066	46,587	17,042	0	0	0	0	0	0	0	0	0	0	0	0
As.Avail	Cogen	36	36	37	38	41	48	55	65	74	84	88	98	103	104	107	109	117	130	138	146	157	168	175	180	187	197	210	217	230	238	246	253	264	273	282
As.Avail.PCS	Renewable	2,137	2,162	2,203	2,253	2,393	2,774	3,227	3,805	4,441	4,835	5,257	5,721	6,040	6,324	6,260	6,472	6,885	7,653	8,155	8,882	9,302	10,013	10,182	10,503	10,978	11,735	12,380	12,827	13,532	13,797	14,671	15,108	15,518	16,107	16,825
AVON.PK_P.1	CT	455	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AVON.PK_P.2	CT	141	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bartow CC.1.0	Steam-CC	122,862	122,742	128,724	130,051	132,768	142,672	157,514	177,245	188,411	221,629	239,781	258,613	258,017	262,632	255,901	244,938	250,424	252,763	286,000	272,933	304,514	312,433	293,646	269,165	282,574	309,843	322,779	325,118	321,626	343,321	353,090	365,987	364,742	371,753	389,735
Bartow CC.1.PAG	Steam-CC	361	514	305	461	624	966	1,001	1,244	1,161	1,297	1,670	2,222	2,325	2,616	845	549	636	749	864	886	1,150	1,312	1,402	1,519	1,587	1,447	1,792	1,771	1,863	1,761	1,987	2,214	2,163	2,093	2,240
BARTOW_P.1	CT	40	78	45	25	194	131	347	62	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BARTOW_P.2	CT	67	74	79	46	341	162	344	661	741	815	692	815	714	662	111	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BARTOW_P.3	CT	70	80	50	25	237	116	351	74	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BARTOW_P.4	CT	97	108	78	88	416	336	507	725	769	874	830	917	888	1,040	196	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Battery Cape San Blas	Storage	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Battery Jennings	Storage	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Battery Micanopy	Storage	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Battery Trenton	Storage	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BAYBORO_P.1	CT	379	347	336	227	1,389	1,046	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BAYBORO_P.2	CT	10	67	21	11	59	44	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BAYBORO_P.3	CT	240	329	254	183	1,175	918	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BAYBORO_P.4	CT	312	246	211	144	1,178	610	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus.CC.1	Steam-CC	93,355	96,779	98,042	102,610	118,968	115,588	130,696	147,147	158,897	183,852	193,060	197,317	214,740	212,840	222,529	217,008	221,679	229,902	239,424	235,397	262,500	265,514	255,250	251,922	265,356	270,847	293,208	295,398	295,294	311,646	319,622	328,014	349,106	358,749	371,063
Citrus.CC.1.Duct	Steam-CC	5,033	5,361	5,077	5,633	6,052	6,141	6,501	7,368	7,957	8,910	10,493	11,160	11,343	11,665	10,757	11,012	11,331	10,988	11,894	12,769	13,436	14,342	11,911	12,782	13,961	13,788	15,762	15,661	15,583	16,349	17,457	17,289	18,608	18,327	19,563
Citrus.CC.2	Steam-CC	101,835	99,713	86,443	101,654	107,830	115,025	129,687	145,746	157,855	182,018	191,181	195,972	213,868	212,359	222,178	218,100	222,497	230,923	255,127	241,794	278,577	281,471	261,826	269,525	282,508	290,546	311,286	313,500	308,902	331,009	336,144	332,871	348,331	357,929	373,013
Citrus.CC.2.Duct	Steam-CC	5,024	5,114	5,078	5,308	5,081	5,769	5,999	6,990	7,846	8,183	9,637	10,572	10,665	10,939	9,780	9,892	9,699	9,497	9,982	10,732	11,479	12,380	9,588	9,919	10,250	10,585	12,013	11,283	11,058	11,783	12,367	12,720	12,878	13,222	13,712
Crystal.4	Steam-Coal	42,338	47,892	38,436	35,260	46,348	48,258	46,151	56,002	60,365	72,162	65,445	74,515	62,570	60,467	16,790	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Crystal.5	Steam-Coal	43,362	41,531	51,419	47,194	33,218	46,175	62,874	52,985	72,084	72,092	82,181	73,344	77,741	58,290	16,340	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dade.County	Renewable	3,788	1,817	1,855	3,933	2,796	4,124	2,705	3,114	3,796	4,124	4,465	4,853	5,229	5,261	5,330	5,486	5,899	6,507	6,989	7,331	7,845	8,404	8,575	9,129	9,378	9,875	10,443	10,886	11,356	11,772	12,347	12,756	13,214	13,563	14,008
DEBARY.10	CT	300	337	330	111	1,060	747	1,320	2,040	1,999	2,629	2,210	2,764	2,147	2,163	1,607	1,582	270	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.2	CT	82	100	78	65	345	169	320	78	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.3	CT	112	180	112	74	441	343	669	95	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.4	CT	97	136	78	54	391	303	626	57	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.5	CT	88	126	107	69	386	262	483	84	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.6	CT	93	151	127	55	511	363	684	67	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.7	CT	299	219	268	242	920	796	1,117	1,802	1,939	2,050	1,973	2,204	2,008	2,184	1,451	1,349	159	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.8	CT	172	180	150	168	722	594	908	1,389	1,426	1,617	1,560	1,701	1,572	1,666	1,003	868	128	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.9	CT	319	287	267	237	1,023	895	1,258	1,961	1,972	2,142	2,127	2,400	2,292	2,355	1,581	1,478	198	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EconPurch	TranEcon-Purc	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EconSale	TranEcon-Sale	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.1	CT	0	0	0	0	0	0	14,663	22,908	19,295	25,533	31,537	33,572	35,743	32,568	29,655	32,429	37,728	38,661	45,436	44,785	49,767	39,230	35,568	39,368	41,407	45,404	46,062	50,941	48,394	51,918	56,501	55,992	54,550	58,092	
Gen.190MW.CT.10	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7,365	11,663	11,488	13,580	10,086	10,134	11,677	13,212	14,868	15,062	16,239	15,035	17,169	18,525	18,621	17,900	18,725
Gen.190MW.CT.11	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6,136	9,371	11,138	9,371	11,549	9,168	9,306	10,983	12,313	13,177	13,887	13,483	14,232	15,569	15,373	15,743	16,344
Gen.190MW.CT.12	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4,581	6,960	7,238	8,968	6,674	7,534	8,066	9,561	10,478	10,756	11,366	11,335	12,024	12,759	13,454	12,371	13,356
Gen.190MW.CT.13	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4,684	6,667	4,950	5,756	6,674	7,489	9,271	9,246	9,527	9,335	9,707	11,619	11,372	10,663	11,459	
Gen.190MW.CT.14	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4,765	5,745	6,777	7,520	7,914	7,736	8,958	9,864	9,539	9,009	8,782	
Gen.190MW.CT.15	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3,520	4,677	5,886	6,114	6,739	6,216	6,682	7,365	7,861	7,079	8,234	
Gen.190MW.CT.16	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3,134	4,120	4,764	5,214	4,976	5,697	6,358	6,056	6,024	6,211	
Gen.190MW.CT.17	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.18	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.19	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.2	CT	0	0	0	0	0	0	12,495	19,542	16,455	21,447	26,225	28,581	31,139	27,719	26,422	28,038	32,123	33,589	40,289	38,493	44,107	34,325	32,690	35,416	37,829	41,505	40,507	44,908	43,063	45,925	49,910	49,726	49,310	50,819	
Gen.190MW.CT.20	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.21	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.3	CT	0	0	0	0	0	0	0	12,344	13,543	18,548	22,242	24,089	26,563	23,062	22,540	23,600	27,667	29,215	35,312	32,788	38,858	29,354	28,795	30,397	33,600	35,273	35,956	41,115	37,495	40,207	45,211	44,229	45,140	45,912	
Gen.190MW.CT.4	CT	0	0	0	0	0	0	0	0	0	13,064	17,476	20,303	22,015	19,911	19,785	20,287	24,216	24,670	30,739	29,753	32,587	25,460	24,835	26,614	29,436	31,431	32,200	35,999	33,739	36,344	39,557	39,437	39,838	40,629	
Gen.190MW.CT.5	CT	0	0	0	0	0	0	0	0	0	0	0	0	13,443	17,833	16,050	16,183	17,536	20,759	21,432	26,638	25,667	29,715	22,337	22,097	23,707	26,186	27,890	28,788	31,419	29,437	32,086	35,143	35,265	34,744	35,060
Gen.190MW.CT.6	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10,280	13,608	15,435	16,955	18,495	22,868	22,079	25,519	19,626	18,679	20,942	23,179	24,673	25,611	28,433	26,101	28,394	30,797	30,629	30,976	31,925
Gen.190MW.CT.7	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8,784	11,177	12,424	14,687	15,961	19,191	19,275	22,562	16,898	17,312	17,894	20,595	21,625	22,412	24,786	22,965	25,295	26,178	26,931	27,327	28,227
Gen.190MW.CT.8	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7,081	9,381	9,856	11,847	12,940	16,485	15,953	19,269	14,481	14,605	15,508	17,771	19,073	19,539	20,232	20,478	21,259	23,861	23,975	23,612	23,994
Gen.190MW.CT.9	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5,303	7,021	8,158	9,549	10,983	13,742	13,680	16,193	11,821	12,387	13,601	15,140	16,875	17,041	18,330	17,717	19,337	21,469	20,957	20,572	20,990
Gen.2x1.CC.1.1	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	185,225	324,272	329,947	351,618	366,934	374,644	391,545	403,383	415,469	413,660	430,718	453,196	468,745	474,048	493,432	502,554	511,676	527,537	543,998	555,203	569,272
Gen.2x1.CC.1.1.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18,756	24,775	26,547	29,446	30,591	34,143	34,120	36,664	45,388	50,685	53,437	57,074	61,298	62,235	67,859	65,048	68,397	71,328	69,571	72,962	74,324
Gen.2x1.CC.1.2	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	947,412	425,957	443,864	467,068	483,629	492,628	509,645	520,420	527,615	541,364	557,391	569,057	582,868
Gen.2x1.CC.1.2.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	29,875	39,478	44,554	45,153	49,673	50,155	54,064	51,793	56,614	62,315	58,857	60,506	61,552
Gen.2x1.CC.1.3	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.3.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.4	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.4.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.5	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.5.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.6	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.6.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.7	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.7.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HEAT	DSM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hines.CC.1	Steam-CC	42,803	49,803	54,681	50,688	55,656	51,716	55,460	68,811	81,824	84,049	94,907	96,290	108,154	109,711	91,194	93,579	94,786	107,235	109,496	121,872	125,978	122,298	114,896	102,668	99,135	119,485	120,327	128,291	137,466	130,391	139,348	135,324	147,460	152,669	141,522
Hines.CC.2	Steam-CC	39,572	43,792	47,403	47,841	46,276	49,461	58,783	67,754	82,861	84,888	85,796	104,216	106,958	107,567	95,595	87,820	94,889	102,968	105,100	113,830	109,965	123,955	101,723	95,951	102,137	106,920	116,176	117,661	122,506	123,712	116,498	135,993	133,613	136,282	138,311
Hines.CC.3	Steam-CC	44,573	47,258	47,492	49,631	54,824	54,463	58,341	70,645	82,936	89,861	98,989	96,718	111,421	112,571	104,804	99,765	100,135	114,975	119,042	127,256	130,847	128,246	119,984	109,503	108,397	121,697	124,044	130,123	138,290	136,222	136,038	131,004	149,909	149,713	157,572
Hines.CC.4	Steam-CC	64,953	56,150	64,995	62,181	63,510	76,741	76,862	86,712	109,658	115,796	114,089	124,216	142,031	144,134	126,511	121,119	130,865	144,078	150,679	153,408	151,465	168,831	143,135	129,941	148,680	157,998	156,362	158,573	178,887	179,117	165,434	173,090	194,657	200,158	191,549
INT.CITY.1	CT	154	227	189	100	703	464	858	1,568	1,415	1,630	1,586	1,622	1,333	1,497	264	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.10	CT	214	204	181	73	645	352	852	1,310	1,521	1,592	1,782	1,399	1,728	1,082	876	1,486	1,830	276	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.11	CT	589	623	540	262	2,113	1,720	2,777	3,735	3,417	4,598	4,158	4,407	3,121	3,971	2,944	2,891	4,985	5,596	4,141	5,462	3,999	5,450	3,534	6,067	682	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.12	CT	556	555	487	556	1,725	1,431	2,010	3,290	3,454	3,495	3,771	4,075	3,413	3,791	2,416	2,218	2,758	3,256	1,882	2,363	1,617	2,135	2,284	3,083	1,907	473	0	0	0	0	0	0	0	0	0	0
INT.CITY.13	CT	674	641	635	630	1,857	1,308	2,183	3,529	3,558	3,703	4,026	3,945	3,840	4,137	2,459	2,426	2,970	3,413	2,085	2,580	1,824	2,462	2,537	3,417	2,631	963	0	0	0	0	0	0	0	0	0	0
INT.CITY.14	CT	481	479	451	447	1,299	1,263	1,715	2,981	3,164	3,244	3,403	3,564	3,379	3,377	2,256	1,882	2,404	2,892	1,567	1,887	1,344	1,888	1,569	2,411	1,654	211	0	0	0	0	0	0	0	0	0	0
INT.CITY.2	CT	41	98	54	20	221	120	248	902	839	969	881	883	796

CONFIDENTIAL

Fuel Rate ($/MMBtu)

\\s00233\grgdata\PEF Resource Planning\2020\2020-03 Clean Energy Connection\Prosym\050520\CEC_0MW.mdb

Station	Unit Type	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054
AC	DSM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Anclote.1	Steam-Gas	2.46	2.51	2.60	2.70	2.81	3.10	3.39	3.82	4.36	4.72	4.99	5.25	5.54	5.51	5.73	5.95	6.03	6.45	6.76	6.87	7.18	7.41	7.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Anclote.2	Steam-Gas	2.49	2.49	2.59	2.67	2.84	3.09	3.39	3.81	4.35	4.72	4.98	5.26	5.54	5.51	5.73	5.96	6.03	6.46	6.75	6.87	7.17	7.42	7.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
As.Avail	Cogen	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
As.Avail.PCS	Renewable	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVON.PK_P.1	CT	2.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVON.PK_P.2	CT	14.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Bartow CC.1.0	Steam-CC	2.48	2.51	2.60	2.68	2.86	3.11	3.42	3.81	4.33	4.72	4.96	5.23	5.52	5.50	5.70	5.92	6.00	6.43	6.72	6.84	7.14	7.39	7.64	7.83	8.14	8.59	8.91	9.05	9.38	9.53	9.63	9.88	10.12	10.38	10.64
Bartow CC.1.PAG	Steam-CC	2.41	2.43	2.52	2.60	2.83	3.09	3.41	3.80	4.31	4.71	4.96	5.24	5.53	5.53	5.61	5.92	6.01	6.42	6.73	6.86	7.09	7.34	7.59	7.76	8.04	8.48	8.84	9.01	9.24	9.62	9.66	9.91	10.17	10.46	10.66
BARTOW_P.1	CT	14.16	13.88	14.09	14.31	14.57	14.93	15.51	16.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BARTOW_P.2	CT	2.45	2.50	2.57	2.68	2.76	3.11	3.41	3.86	4.38	4.72	5.07	5.35	5.55	5.55	5.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BARTOW_P.3	CT	14.16	13.81	14.06	14.31	14.58	14.94	15.51	16.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BARTOW_P.4	CT	2.42	2.48	2.61	2.68	2.76	3.10	3.41	3.87	4.38	4.71	5.06	5.34	5.54	5.54	5.54	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Battery Cape San Blas	Storage	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Battery Jennings	Storage	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Battery Micanopy	Storage	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Battery Trenton	Storage	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BAYBORO_P.1	CT	13.92	13.96	14.12	14.29	14.58	14.93	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BAYBORO_P.2	CT	14.11	13.81	14.11	14.34	14.58	14.92	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BAYBORO_P.3	CT	14.02	13.97	14.13	14.29	14.58	14.93	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BAYBORO_P.4	CT	13.95	13.89	14.14	14.29	14.58	14.93	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Citrus.CC.1	Steam-CC	2.44	2.46	2.53	2.59	2.74	2.99	3.28	3.70	4.22	4.62	4.85	5.11	5.39	5.36	5.60	5.81	5.89	6.30	6.59	6.71	7.01	7.25	7.52	7.68	7.98	8.42	8.74	8.88	9.19	9.37	9.47	9.72	9.96	10.21	10.46
Citrus.CC.1.Duct	Steam-CC	2.36	2.36	2.45	2.50	2.66	2.95	3.27	3.71	4.23	4.59	4.91	5.16	5.39	5.38	5.59	5.81	5.88	6.31	6.58	6.69	7.02	7.26	7.53	7.68	7.99	8.43	8.76	8.89	9.22	9.35	9.46	9.69	9.95	10.20	10.46
Citrus.CC.2	Steam-CC	2.44	2.47	2.52	2.60	2.76	2.99	3.28	3.70	4.22	4.62	4.85	5.11	5.39	5.36	5.60	5.81	5.89	6.30	6.59	6.72	7.01	7.25	7.53	7.67	7.97	8.42	8.74	8.88	9.19	9.37	9.48	9.71	9.96	10.20	10.46
Citrus.CC.2.Duct	Steam-CC	2.35	2.36	2.43	2.50	2.66	2.95	3.27	3.71	4.24	4.59	4.92	5.16	5.39	5.38	5.58	5.80	5.87	6.31	6.58	6.68	7.02	7.26	7.53	7.69	7.99	8.44	8.76	8.90	9.23	9.32	9.44	9.68	9.91	10.17	10.44
Crystal.4	Steam-Coal	2.12	2.18	2.26	2.43	2.52	2.72	2.88	3.09	3.33	3.43	3.55	3.96	4.12	4.25	4.37	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Crystal.5	Steam-Coal	2.12	2.18	2.26	2.43	2.52	2.72	2.88	3.09	3.33	3.44	3.55	3.96	4.12	4.25	4.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Dade.County	Renewable	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.10	CT	14.23	14.17	14.38	14.54	14.83	15.19	15.77	16.42	17.18	17.87	18.32	18.72	19.14	19.58	20.03	20.48	20.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.2	CT	14.34	14.12	14.30	14.54	14.83	15.19	15.77	16.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.3	CT	14.33	14.10	14.34	14.52	14.82	15.18	15.77	16.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.4	CT	14.29	14.04	14.36	14.52	14.83	15.19	15.77	16.43	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.5	CT	14.38	14.04	14.31	14.53	14.82	15.18	15.77	16.43	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.6	CT	14.39	14.15	14.37	14.53	14.83	15.19	15.77	16.44	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.7	CT	2.43	2.49	2.58	2.68	2.76	3.10	3.41	3.86	4.37	4.72	5.05	5.33	5.54	5.54	5.72	5.97	5.84	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.8	CT	2.46	2.48	2.58	2.68	2.76	3.10	3.41	3.86	4.37	4.72	5.08	5.33	5.55	5.54	5.72	5.98	5.84	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.9	CT	2.45	2.49	2.57	2.68	2.76	3.09	3.41	3.86	4.35	4.71	5.07	5.33	5.55	5.54	5.72	5.97	5.86	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EconPurch	TranEcon-Purc	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EconSale	TranEcon-Sale	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.1	CT	0.00	0.00	0.00	0.00	0.00	0.00	3.89	4.36	4.72	5.03	5.27	5.54	5.53	5.73	5.95	6.03	6.46	6.75	6.85	7.18	7.43	7.68	7.87	8.20	8.65	8.97	9.11	9.46	9.53	9.64	9.89	10.13	10.38	10.64
Gen.190MW.CT.10	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.80	6.87	7.20	7.44	7.73	7.93	8.23	8.70	8.99	9.12	9.50	9.53	9.65	9.87	10.13	10.40	10.64
Gen.190MW.CT.11	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.79	6.88	7.21	7.45	7.74	7.93	8.24	8.70	9.01	9.12	9.52	9.53	9.65	9.89	10.13	10.40	10.65
Gen.190MW.CT.12	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.80	6.89	7.21	7.45	7.75	7.93	8.23	8.71	9.01	9.13	9.52	9.53	9.65	9.89	10.14	10.40	10.66
Gen.190MW.CT.13	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.25	7.46	7.77	7.94	8.24	8.71	9.02	9.14	9.53	9.54	9.66	9.89	10.14	10.41	10.67
Gen.190MW.CT.14	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.23	8.72	9.03	9.14	9.54	9.53	9.66	9.90	10.16	10.40	10.66
Gen.190MW.CT.15	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.28	8.73	9.03	9.14	9.55	9.53	9.66	9.91	10.17	10.41	10.66
Gen.190MW.CT.16	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.72	9.03	9.14	9.56	9.53	9.65	9.90	10.18	10.41	10.67
Gen.190MW.CT.17	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.18	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.19	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.2	CT	0.00	0.00	0.00	0.00	0.00	0.00	3.89	4.36	4.71	5.04	5.28	5.54	5.53	5.72	5.95	6.03	6.47	6.75	6.86	7.18	7.43	7.68	7.88	8.20	8.65	8.97	9.11	9.46	9.53	9.63	9.88	10.13	10.38	10.64
Gen.190MW.CT.20	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.21	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.3	CT	0.00	0.00	0.00	0.00	0.00	0.00	4.43	4.71	5.05	5.28	5.54	5.54	5.72	5.95	6.04	6.47	6.75	6.85	7.18	7.43	7.68	7.88	8.20	8.66	8.97	9.10	9.46	9.53	9.63	9.88	10.13	10.38	10.63
Gen.190MW.CT.4	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.11	5.29	5.55	5.54	5.72	5.96	6.03	6.47	6.75	6.86	7.18	7.43	7.69	7.89	8.20	8.66	8.97	9.10	9.47	9.52	9.63	9.88	10.14	10.38	10.63
Gen.190MW.CT.5	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.08	5.54	5.54	5.73	5.96	6.04	6.47	6.75	6.85	7.19	7.42	7.68	7.89	8.21	8.67	8.98	9.11	9.48	9.53	9.63	9.88	10.13	10.37	10.63
Gen.190MW.CT.6	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.79	5.96	6.04	6.48	6.76	6.85	7.19	7.43	7.70	7.90	8.21	8.66	8.98	9.10	9.48	9.52	9.64	9.88	10.14	10.39	10.63
Gen.190MW.CT.7	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.79	5.97	6.04	6.47	6.76	6.86	7.19	7.43	7.71	7.90	8.22	8.68	8.98	9.11	9.48	9.52	9.64	9.87	10.13	10.38	10.63
Gen.190MW.CT.8	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.79	5.99	6.05	6.48	6.77	6.86	7.20	7.43	7.71	7.91	8.23	8.69	8.99	9.11	9.49	9.52	9.64	9.88	10.13	10.39	10.63
Gen.190MW.CT.9	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.79	5.99	6.05	6.48	6.77	6.86	7.20	7.44	7.72	7.92	8.23	8.69	8.99	9.13	9.48	9.52	9.64	9.87	10.13	10.39	10.64
Gen.2x1.CC.1.1	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.84	5.97	6.05	6.47	6.78	6.90	7.19	7.44	7.71	7.89	8.20	8.65	8.98	9.12	9.42	9.63	9.73	9.98	10.23	10.48	10.74
Gen.2x1.CC.1.1.Duct	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.82	5.97	6.05	6.49	6.78	6.88	7.20	7.46	7.76	7.91	8.23	8.67	9.00	9.14	9.47	9.59	9.70	9.94	10.18	10.44	10.70
Gen.2x1.CC.1.2	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.82	7.89	8.20	8.65	8.98	9.12	9.42	9.64	9.74	9.98	10.23	10.49	10.75
Gen.2x1.CC.2.2.Duct	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.83	7.91	8.23	8.68	9.01	9.14	9.49	9.58	9.69	9.94	10.17	10.42	10.69
Gen.2x1.CC.1.3	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.2x1.CC.3.3.Duct	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.2x1.CC.4	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.2x1.CC.4.Duct	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.2x1.CC.1.5	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

CONFIDENTIAL

Heat Rate (MMBtu/MWh)

\\s00233\grpdata\PEF Resource Planning\2020\2020-03 Clean Energy Connection\Prosym\050520\CEC_0MW.mdb

Station	Unit Type	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054
AC	DSM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Anclote.1	Steam-Gas	12.46	12.43	12.49	12.48	12.46	12.40	12.32	12.33	12.33	12.43	12.39	12.28	12.29	11.98	12.23	12.49	12.47	12.49	12.45	12.47	12.47	12.46	12.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Anclote.2	Steam-Gas	13.78	13.70	13.79	13.77	13.66	13.47	13.44	13.40	13.40	13.61	13.55	13.20	13.18	12.75	13.43	13.86	13.80	13.79	13.80	13.85	13.84	13.78	13.72	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
As.Avail	Cogen	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
As.Avail.PCS	Renewable	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVON.PK_P.1	CT	36.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVON.PK_P.2	CT	36.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Bartow CC.1.0	Steam-CC	7.00	7.00	6.99	6.99	7.00	6.99	7.00	7.00	7.00	7.00	7.00	6.99	7.00	6.99	7.00	7.04	7.04	7.03	7.03	7.02	7.04	7.03	7.04	7.09	7.08	7.08	7.08	7.08	7.07	7.08	7.08	7.07	7.08	7.08	7.08
Bartow CC.1.PAG	Steam-CC	8.96	8.70	9.00	9.00	9.02	9.02	9.04	9.05	9.03	9.05	8.97	9.00	9.11	8.89	8.89	8.90	8.83	8.68	8.70	8.59	8.61	8.68	8.65	8.61	8.59	8.59	8.63	8.62	8.63	8.62	8.60	8.62	8.63	8.61	8.61
BARTOW_P.1	CT	17.56	16.62	17.56	17.60	17.55	17.54	17.22	17.55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BARTOW_P.2	CT	14.45	14.34	14.49	14.43	14.51	14.53	14.30	14.50	14.40	14.54	14.66	14.51	14.40	14.50	14.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BARTOW_P.3	CT	17.64	16.46	17.65	17.60	17.64	17.64	17.14	17.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BARTOW_P.4	CT	14.34	14.07	14.92	14.17	14.45	14.19	14.14	14.42	14.42	14.72	0.00	0.00	0.00	14.28	11.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Battery Cape San Blas	Storage	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Battery Jennings	Storage	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Battery Micanopy	Storage	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Battery Trenton	Storage	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BAYBORO_P.1	CT	14.63	14.61	14.68	14.70	14.64	14.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BAYBORO_P.2	CT	18.50	15.58	16.44	18.50	17.00	16.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BAYBORO_P.3	CT	14.63	14.61	14.63	14.72	14.69	14.63	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BAYBORO_P.4	CT	14.63	14.53	14.63	14.62	14.64	14.63	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Citrus.CC.1	Steam-CC	6.48	6.48	6.48	6.48	6.48	6.48	6.48	6.48	6.48	6.48	6.48	6.48	6.48	6.48	6.49	6.50	6.50	6.50	6.51	6.50	6.51	6.51	6.52	6.55	6.55	6.55	6.54	6.54	6.54	6.54	6.53	6.53	6.52	6.53	
Citrus.CC.1.Duct	Steam-CC	7.36	7.36	7.36	7.35	7.38	7.36	7.39	7.37	7.39	7.42	7.44	7.45	7.42	7.41	7.48	7.49	7.50	7.50	7.50	7.53	7.50	7.53	7.56	7.63	7.64	7.60	7.62	7.63	7.60	7.60	7.65	7.62	7.65	7.64	7.68
Citrus.CC.2	Steam-CC	6.49	6.49	6.49	6.48	6.48	6.49	6.48	6.49	6.49	6.49	6.49	6.48	6.48	6.48	6.49	6.50	6.50	6.50	6.49	6.49	6.49	6.49	6.50	6.52	6.52	6.52	6.52	6.52	6.52	6.52	6.52	6.52	6.53	6.53	6.53
Citrus.CC.2.Duct	Steam-CC	7.31	7.31	7.28	7.30	7.29	7.32	7.33	7.33	7.39	7.35	7.38	7.40	7.37	7.37	7.39	7.40	7.38	7.39	7.38	7.42	7.38	7.40	7.50	7.54	7.55	7.51	7.52	7.51	7.49	7.49	7.49	7.55	7.55	7.50	7.54	7.58
Crystal.4	Steam-Coal	11.07	11.00	11.16	11.21	11.18	11.30	11.36	11.27	11.18	11.19	11.12	11.31	11.33	11.62	11.91	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Crystal.5	Steam-Coal	10.89	10.84	11.03	11.11	11.02	11.14	11.20	11.10	11.07	11.05	11.06	11.15	11.20	11.40	11.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Dade.County	Renewable	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.10	CT	14.66	14.51	14.69	14.73	14.66	14.64	14.58	14.64	14.64	14.57	14.65	14.62	14.55	14.54	14.64	14.63	14.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.2	CT	16.85	16.86	16.97	17.12	16.87	16.85	16.91	17.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.3	CT	16.96	16.35	17.04	17.03	16.89	16.92	16.58	17.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.4	CT	16.98	16.18	17.00	16.86	16.92	16.91	16.55	17.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.5	CT	17.00	16.09	17.05	17.04	16.93	16.90	16.46	17.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.6	CT	16.97	16.20	16.94	17.09	16.91	16.85	16.57	17.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.7	CT	13.67	13.44	13.86	13.69	13.61	13.50	13.57	13.76	13.66	13.90	13.90	13.73	13.62	13.54	14.04	14.02	14.35	14.05	14.03	14.04	14.35	14.05	14.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.8	CT	13.60	13.34	13.62	13.57	13.62	13.50	13.49	13.67	13.57	13.80	13.93	13.70	13.58	13.55	13.95	14.44	14.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.9	CT	13.67	13.49	13.79	13.79	13.66	13.51	13.58	13.80	13.80	13.91	14.02	13.77	13.66	13.57	14.10	14.50	14.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EconPurch	TranEcon-Purc	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EconSale	TranEcon-Sale	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.1	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.65	10.61	10.52	10.54	10.71	10.71	10.84	11.46	11.75	11.69	11.64	11.73	11.64	11.67	11.59	12.40	12.73	12.71	12.66	12.61	12.59	12.60	12.55	12.54	12.58	12.53	12.57	12.59
Gen.190MW.CT.10	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.68	12.62	12.46	12.32	13.58	13.58	13.58	13.66	13.66	13.40	13.52	13.53	13.43	13.33	13.37	13.55	13.40
Gen.190MW.CT.11	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.85	12.81	12.61	12.49	13.58	13.58	13.58	13.69	13.55	13.47	13.39	13.53	13.60	13.54	13.47	13.39	13.54
Gen.190MW.CT.12	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.98	12.93	12.79	12.67	13.69	13.62	13.70	13.80	13.79	13.55	13.71	13.61	13.54	13.56	13.69	13.83	13.58
Gen.190MW.CT.13	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.98	12.76	13.64	13.60	13.72	13.90	13.75	13.65	13.84	13.77	13.75	13.59	13.74	13.87	13.69
Gen.190MW.CT.14	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.76	13.92	13.93	13.74	13.80	13.82	13.64	13.62	13.80	13.88	13.63
Gen.190MW.CT.15	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.82	13.91	13.79	13.67	13.92	13.82	13.58	13.72	13.87	13.91	13.63
Gen.190MW.CT.16	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.86	13.76	13.69	13.91	13.79	13.52	13.55	13.85	13.85	13.52
Gen.190MW.CT.17	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.18	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.19	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.2	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.63	10.63	10.54	10.53	10.67	10.68	10.82	11.50	11.76	11.74	11.66	11.75	11.67	11.68	11.63	12.53	12.80	12.75	12.78	12.67	12.68	12.67	12.65	12.65	12.64	12.60	12.67	12.62
Gen.190MW.CT.20	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.21	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.3	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.61	10.56	10.55	10.66	10.67	10.77	11.50	11.85	11.76	11.71	11.78	11.73	11.73	11.67	12.66	12.98	12.88	12.90	12.82	12.79	12.74	12.78	12.72	12.70	12.69	12.79	12.71
Gen.190MW.CT.4	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.57	10.64	10.64	10.72	11.62	11.94	11.82	11.81	11.86	11.77	11.77	11.68	12.84	13.07	12.97	12.99	12.93	12.85	12.88	12.86	12.83	12.78	12.80	12.89	12.81
Gen.190MW.CT.5	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.63	10.69	11.74	12.07	11.97	11.90	11.92	11.81	11.85	11.75	12.97	13.20	13.07	13.13	13.12	12.95	12.98	12.97	12.99	12.91	12.89	13.04	12.89
Gen.190MW.CT.6	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.34	12.15	12.07	12.02	12.04	11.91	11.92	11.86	13.11	13.31	13.18	13.29	13.21	13.04	13.04	13.07	13.04	13.00	12.98	13.12	12.99	
Gen.190MW.CT.7	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.51	12.45	12.32	12.22	12.17	12.05	11.98	11.94	13.26	13.31	13.32	13.40	13.36	13.14	13.15	13.18	13.14	13.14	13.10	13.27	13.15	
Gen.190MW.CT.8	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.82	12.69	12.50	12.46	12.36	12.21	12.19	12.03	13.43	13.43	13.46	13.50	13.45	13.24	13.35	13.31	13.36	13.14	13.24	13.37	13.31	
Gen.190MW.CT.9	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.97	12.81	12.72	12.62	12.54	12.43	12.29	12.15	13.53	13.52	13.61	13.53	13.52	13.44	13.45	13.32	13.44	13.22	13.31	13.47	13.42	
Gen.2x1.CC.1	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.38	6.36	6.36	6.36	6.36	6.36	6.36	6.36	6.36	6.38	6.38	6.38	6.38	6.38	6.38	6.38	6.37	6.37	6.37	6.37		
Gen.2x1.CC.1.Duct	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.45	8.46	8.46	8.47	8.46	8.47	8.47	8.47	8.47	8.48	8.47	8.47	8.47	8.48	8.48	8.47	8.48	8.47	8.47	8.47		
Gen.2x1.CC.1.2	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.38	6.36	6.36	6.36	6.36	6.36	6.36	6.36	6.36	6.36	6.36		
Gen.2x1.CC.2.2.Duct	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.45	8.46	8.47	8.46	8.47	8.47	8.47	8.47	8.47	8.47	8.47		
Gen.2x1.CC.3	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Gen.2x1.CC.3.Duct	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Gen.2x1.CC.4	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Gen.2x1.CC.4.Duct	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Gen.2x1.CC.5	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

CONFIDENTIAL

Start Cost ($000)

\\s00233\grpdata\PEF Resource Planning\2020\2020-03 Clean Energy Connection\Prosym\05052020\CEC_0MW.mdb

Station	Unit Type	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054
AC	DSM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anclote.1	Steam-Gas	203	288	364	315	225	328	302	365	315	448	330	427	439	406	397	464	529	614	457	697	716	702	379	0	0	0	0	0	0	0	0	0	0	0	0
Anclote.2	Steam-Gas	141	209	341	409	320	390	380	363	474	433	459	450	547	402	666	670	735	597	912	618	963	949	488	0	0	0	0	0	0	0	0	0	0	0	0
As.Avail	Cogen	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
As.Avail.PCS	Renewable	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AVON.PK_P.1	CT	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AVON.PK_P.2	CT	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bartow CC.1.0	Steam-CC	53	47	60	40	47	43	47	52	90	49	90	59	82	91	60	67	63	95	129	107	75	116	201	426	403	404	412	446	403	526	410	396	407	344	481
Bartow CC.1.PAG	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BARTOW_P.1	CT	5	10	8	5	31	20	56	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BARTOW_P.2	CT	26	22	31	21	118	52	99	179	183	185	178	206	180	181	26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BARTOW_P.3	CT	10	6	6	5	29	16	50	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BARTOW_P.4	CT	29	26	27	20	117	89	126	157	168	177	181	196	179	210	81	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Battery Cape San Blas	Storage	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Battery Jennings	Storage	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Battery Micanopy	Storage	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Battery Trenton	Storage	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BAYBORO_P.1	CT	7	5	7	6	24	19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BAYBORO_P.2	CT	0	1	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BAYBORO_P.3	CT	4	5	6	4	20	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BAYBORO_P.4	CT	5	4	6	4	24	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus.CC.1	Steam-CC	100	84	85	89	46	75	60	97	142	77	115	121	90	98	155	97	99	210	166	178	118	179	178	151	145	211	147	149	231	237	172	243	167	171	276
Citrus.CC.1.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus.CC.2	Steam-CC	58	61	62	88	81	102	59	67	106	90	95	163	80	105	139	101	203	167	119	168	174	131	201	129	134	211	147	161	253	170	186	337	181	200	190
Citrus.CC.2.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Crystal.4	Steam-Coal	825	744	861	487	1,160	1,171	1,154	1,304	1,027	1,335	1,409	1,641	1,180	1,124	840	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Crystal.5	Steam-Coal	751	790	832	1,370	983	869	1,310	1,197	1,209	921	806	1,128	1,506	1,143	1,100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dade.County	Renewable	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.10	CT	27	28	38	13	101	80	133	187	184	220	232	285	217	237	171	191	27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.2	CT	10	10	10	12	62	23	51	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.3	CT	16	16	14	9	68	48	86	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.4	CT	13	11	11	9	60	41	85	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.5	CT	11	10	16	12	55	31	61	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.6	CT	12	15	21	9	67	51	94	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.7	CT	118	52	100	92	269	233	299	466	499	475	461	482	496	504	385	411	46	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.8	CT	63	50	46	63	223	179	244	372	353	393	376	421	377	422	250	272	34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.9	CT	112	93	81	85	301	274	363	506	523	491	493	545	529	548	432	452	55	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EconPurch	TranEcon-Purc	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EconSale	TranEcon-Sale	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.1	CT	0	0	0	0	0	0	1,895	2,873	2,400	3,229	4,017	3,631	4,073	4,300	4,283	4,727	4,841	4,954	5,489	5,375	5,513	6,290	5,938	6,526	6,696	7,391	6,783	7,973	7,449	7,613	7,922	7,206	7,483	7,843
Gen.190MW.CT.10	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,958	3,118	2,858	3,073	3,096	2,716	3,189	3,474	3,731	3,748	3,959	3,943	4,249	4,403	4,384	4,318	4,222
Gen.190MW.CT.11	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,842	2,583	2,535	2,757	2,864	2,272	2,796	3,076	3,329	3,454	3,669	3,788	3,716	4,002	4,003	4,003	4,073
Gen.190MW.CT.12	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,541	2,257	2,245	2,578	2,465	2,390	2,524	3,012	3,208	2,945	3,312	3,387	3,237	3,407	3,881	3,525	3,509
Gen.190MW.CT.13	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,576	2,079	1,859	1,967	2,239	2,534	2,971	2,855	2,908	2,891	3,030	3,311	3,396	3,338	3,341
Gen.190MW.CT.14	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,652	2,111	2,477	2,578	2,582	2,597	2,916	3,087	3,073	3,005	2,888
Gen.190MW.CT.15	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,317	1,802	2,137	2,075	2,309	2,215	2,348	2,392	2,650	2,648
Gen.190MW.CT.16	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,272	1,684	1,637	1,956	1,977	2,170	2,191	2,177	2,482	2,284
Gen.190MW.CT.17	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.18	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.19	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.2	CT	0	0	0	0	0	0	1,848	2,667	2,286	2,888	3,443	3,326	3,880	3,934	4,049	4,344	4,443	4,718	5,456	5,149	5,232	5,755	5,161	5,958	6,339	7,144	6,466	7,441	7,339	7,330	7,614	7,080	7,479	7,334
Gen.190MW.CT.20	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.21	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.3	CT	0	0	0	0	0	0	1,717	2,004	2,662	3,085	2,957	3,568	3,689	3,733	3,949	4,335	4,444	5,175	4,821	5,214	5,161	5,042	5,448	5,783	6,377	6,307	7,299	6,701	6,699	6,967	6,405	7,037	7,082
Gen.190MW.CT.4	CT	0	0	0	0	0	0	0	0	1,977	2,717	2,855	3,196	3,392	3,477	3,488	4,063	3,954	4,863	4,516	4,747	4,753	4,707	5,120	5,270	5,472	5,787	6,639	6,017	6,125	6,698	6,199	6,439	6,705
Gen.190MW.CT.5	CT	0	0	0	0	0	0	0	0	0	0	1,964	2,837	2,999	3,168	3,207	3,684	3,769	4,574	4,200	4,658	4,474	4,488	4,577	4,991	5,084	5,487	5,944	5,541	5,871	6,070	6,088	6,143	5,979
Gen.190MW.CT.6	CT	0	0	0	0	0	0	0	0	0	0	0	0	2,151	3,012	3,077	3,419	3,513	4,387	3,683	4,258	4,314	3,961	4,233	4,840	4,817	5,116	5,643	5,177	5,410	5,654	5,425	5,670	5,719
Gen.190MW.CT.7	CT	0	0	0	0	0	0	0	0	0	0	0	0	2,030	2,715	2,884	3,215	3,183	3,932	3,624	3,957	3,922	3,922	3,908	4,430	4,350	4,752	5,096	4,794	5,182	5,259	5,055	5,463	5,567
Gen.190MW.CT.8	CT	0	0	0	0	0	0	0	0	0	0	0	0	1,925	2,348	2,532	2,864	2,968	3,561	3,189	3,783	3,844	3,438	3,524	3,923	4,168	4,442	4,543	4,439	4,978	4,969	4,907	5,217	5,154
Gen.190MW.CT.9	CT	0	0	0	0	0	0	0	0	0	0	0	0	1,666	2,134	2,339	2,479	2,705	3,459	3,013	3,348	3,381	3,182	3,305	3,744	3,882	3,946	4,426	4,145	4,325	4,930	4,575	4,634	4,722
Gen.2x1.CC.1.1	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	26	44	55	44	61	63	68	54	74	70	78	58	60	66	94	65	99	67	69	70	72
Gen.2x1.CC.1.1.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.2	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	85	57	65	77	71	72	69	88	71	73	91	71	97
Gen.2x1.CC.1.2.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.3	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.3.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.4	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.4.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.5	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.5.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.6	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.6.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.7	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.7.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HEAT	DSM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hines.CC.1	Steam-CC	78	103	55	93	116	203	158	170	122	189	277	199	250	175	265	264	350	254	305	281	227	302	516	718	767	905	896	1,041	884	1,141	856	663	1,065	772	710
Hines.CC.2	Steam-CC	107	137	87	63	162	134	111	117	100	170	134	90	205	103	227	308	142	169	294	220	207	308	388	572	657	606	719	596	705	750	600	770	724	738	787
Hines.CC.3	Steam-CC	148	164	131	590	197	262	191	257	265	229	251	231	310	257	318	494	406	394	464	358	448	365	565	540	550	631	677	606	609	707	688	696	836	828	807
Hines.CC.4	Steam-CC	16	29	38	23	24	19	29	28	27	29	60	46	52	48	86	40	38	40	42	67	89	112	113	73	81	130	113	141	83	60	127	181	134	99	163
INT.CITY.1	CT	6	5	5	3	16	14	22	35	33	36	43	41	35	40	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.10	CT	83	67	82	83	240	203	257	382	407	404	424	441	346	434	294	287	453	480	69	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.11	CT	102	93	118	58	390	310	616	749	632	799	912	882	723	891	631	626	1,207	1,408	1,080	1,332	1,138	1,403	984	1,370	216	0	0	0	0	0	0	0	0	0	0
INT.CITY.12	CT	165	191	166	184	436	365	488	682	748	659	731	723	645	767	608	581	687	761	529	645	441	570	780	951	615	189	0	0	0	0	0	0	0	0	0
INT.CITY.13	CT	209	220	221	208	458	329	492	698	721	650	739	681	718	767	619	634	705	735	582	696	498	639	835	1,045	873	139	0	0	0	0	0	0	0	0	0
INT.CITY.14	CT	146	147	157	144	396	331	417	672	642	614	661	662	570	509	602	656	441	499	367	483	448	572	523	71	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.2	CT	1	1	1	1	4	2	3	15	13	18	22	17	14	16	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.3	CT	4	5	3	3	11	10	12	26	36	35	40	37	32	37	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.4	CT	5	4	3	3	20	15	22	33	39	39	42	44	38	45	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.5	CT	2	2	1	0	6	6	5	15	22	23	27	26	20	26	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.6	CT	6	4	5	4	25	18	33	40	47	50	54	53	41	50	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.7	CT	86	47	48	63	225	152	244	347	298	357	372	334	362	397	253	240	362	417	53	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.8	CT	95	90	90	90	260	208	282	421	473	435	443	468	490	531	376	348	458	510	77	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.9	CT	91	73	102	75	247	178	290	449	434	427	432	441	420	466	327	345	446	519	65	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INTER	DSM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lake.County	Renewable	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LEE.County.Res	Renewable	0	0	0	0

CONFIDENTIAL

Total Cost ($000)

\\s00233\grpdata\PEF Resource Planning\2020\2020-03 Clean Energy Connection\Prosym\0505202O\CEC_0MW.mdb

Station	Unit Type	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054
ASH	DSM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anclote.1	Steam-Gas	9,872	11,707	15,094	14,169	16,144	20,946	26,044	28,937	34,363	39,140	38,161	48,083	48,270	59,158	52,053	52,481	57,202	70,617	65,052	77,377	78,778	86,596	81,601	0	0	0	0	0	0	0	0	0	0	0	0
Anclote.2	Steam-Gas	12,076	14,285	14,491	16,403	15,628	24,212	25,695	31,588	39,712	39,593	50,032	49,792	56,659	64,193	61,667	53,673	63,661	68,405	70,658	71,756	81,221	86,063	82,833	0	0	0	0	0	0	0	0	0	0	0	0
As.Avail	Cogen	36	36	37	38	41	51	61	74	86	99	106	119	127	131	136	141	156	175	189	205	222	239	252	264	278	294	313	327	347	361	375	388	407	422	437
As.Avail.PCS	Renewable	2,137	2,162	2,203	2,253	2,393	3,203	3,999	4,921	5,904	6,638	7,402	8,209	8,884	9,499	9,782	10,337	11,537	13,069	14,329	15,843	17,044	18,517	19,456	20,562	21,826	23,323	24,764	25,971	27,496	28,476	30,119	31,331	32,563	33,882	35,387
AVON.PK_P.1	CT	540	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AVON.PK_P.2	CT	149	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bartow CC.1.0	Steam-CC	137,815	137,848	144,461	145,837	148,199	171,741	197,919	229,316	247,782	297,042	329,246	362,023	367,238	386,037	382,726	371,922	400,906	415,804	485,425	481,428	550,109	578,914	556,702	523,371	558,018	615,628	649,473	668,545	668,002	726,698	762,847	800,402	806,654	830,433	879,072
Bartow CC.1.PAG	Steam-CC	396	567	333	505	681	1,140	1,236	1,585	1,506	1,715	2,264	3,071	3,268	3,793	3,257	825	1,008	1,222	1,453	1,549	2,069	2,423	2,645	2,943	3,129	2,872	3,595	3,626	3,874	3,686	4,260	4,804	4,740	4,628	5,015
BARTOW_P.1	CT	45	89	53	91	245	155	421	73	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BARTOW_P.2	CT	94	97	110	67	462	230	500	978	1,100	1,221	1,078	1,292	1,153	1,113	186	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BARTOW_P.3	CT	80	86	56	31	266	135	419	88	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BARTOW_P.4	CT	127	134	105	119	536	459	717	1,031	1,119	1,289	1,262	1,416	1,394	1,470	315	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Battery Cape San Blas	Storage	48	146	176	237	240	244	249	253	257	261	266	270	240	174	205	266	270	275	280	285	290	295	300	305	310	215	0	0	0	0	0	0	0	0	0
Battery Jennings	Storage	79	241	247	242	230	231	232	234	236	237	239	241	236	225	236	255	260	265	270	275	280	285	290	295	301	208	0	0	0	0	0	0	0	0	0
Battery Micanopy	Storage	79	241	247	242	230	231	232	234	236	237	239	241	236	225	236	255	260	265	270	275	280	285	290	295	301	208	0	0	0	0	0	0	0	0	0
Battery Trenton	Storage	79	241	247	242	230	231	232	234	236	237	239	241	236	225	236	255	260	265	270	275	280	285	290	295	301	208	0	0	0	0	0	0	0	0	0
BAYBORO_P.1	CT	401	367	357	242	1,473	1,138	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BAYBORO_P.2	CT	11	71	22	11	63	48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BAYBORO_P.3	CT	254	347	271	197	1,249	1,004	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BAYBORO_P.4	CT	331	261	225	154	1,255	669	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus.CC.1	Steam-CC	100,640	104,421	105,756	110,698	127,977	135,154	160,388	186,414	205,118	242,195	260,983	272,482	301,820	309,203	328,627	325,573	351,220	375,160	403,264	412,384	471,461	489,433	480,855	487,610	522,094	536,394	587,851	605,394	612,125	657,580	688,422	715,241	769,809	799,497	835,086
Citrus.CC.1.Duct	Steam-CC	5,389	5,749	5,439	6,036	6,468	7,140	7,930	9,270	10,209	11,695	14,067	15,298	15,871	16,852	15,820	16,452	17,887	17,837	19,962	22,304	24,031	26,316	22,344	24,641	27,348	27,189	31,475	31,987	32,150	34,417	37,504	37,624	40,928	40,736	43,897
Citrus.CC.2	Steam-CC	109,721	107,533	91,260	109,632	116,094	134,527	159,148	184,592	203,721	238,738	258,396	270,663	300,593	308,513	328,066	327,204	352,649	376,677	429,580	423,439	500,456	518,806	531,171	521,801	555,934	575,592	624,281	642,737	640,565	698,104	723,880	726,299	768,412	797,929	839,549
Citrus.CC.2.Duct	Steam-CC	5,382	5,486	5,447	5,691	5,433	6,712	7,321	8,796	10,061	10,744	12,914	14,491	14,922	15,802	14,392	14,788	15,329	15,419	16,763	18,765	20,539	22,723	17,988	19,121	20,087	20,870	23,995	23,038	22,803	24,850	26,601	27,716	28,393	29,442	30,804
Crystal.4	Steam-Coal	47,306	53,333	43,012	39,006	51,736	62,883	66,305	86,529	98,331	125,227	120,107	138,486	120,644	120,901	95,318	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Crystal.5	Steam-Coal	48,230	46,277	57,053	52,770	87,146	59,903	75,840	81,723	117,264	124,520	149,568	135,650	149,814	116,541	94,681	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dade.County	Renewable	1,788	1,810	1,850	1,933	2,045	2,276	3,356	4,057	5,168	5,648	6,247	6,959	7,630	8,313	8,750	9,827	11,077	12,212	13,207	14,392	15,585	16,409	17,616	18,544	19,668	20,889	21,985	23,141	24,176	25,405	26,467	27,618	28,579	29,677	
DEBARY.10	CT	327	366	368	124	1,163	848	1,517	2,363	2,348	3,106	2,694	3,407	2,672	2,742	2,053	2,064	355	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.2	CT	92	110	88	76	199	197	389	93	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.3	CT	129	199	227	83	551	403	791	110	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.4	CT	110	148	89	63	453	354	745	71	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.5	CT	99	137	124	81	443	302	570	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.6	CT	106	167	148	64	580	427	815	78	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.7	CT	418	272	368	335	1,191	1,107	1,593	2,632	2,891	3,070	3,018	3,402	3,239	3,559	2,461	2,370	287	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.8	CT	235	230	196	231	946	832	1,296	2,041	2,110	2,441	2,396	2,675	2,508	2,754	1,682	1,533	233	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.9	CT	431	380	349	323	1,326	1,257	1,821	2,863	2,958	3,204	3,247	3,726	3,636	3,842	2,692	2,598	362	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EconPurch	TranEcon-Purc	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EconSale	TranEcon-Sale	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.1	CT	0	0	0	0	0	0	20,095	32,054	27,627	37,296	46,948	50,197	55,192	51,796	48,281	55,483	65,531	69,247	84,034	84,690	95,906	79,420	74,001	82,999	87,660	97,323	100,033	112,059	108,721	118,448	129,914	129,478	127,974	137,334	
Gen.190MW.CT.10	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14,800	24,410	24,355	28,929	23,086	23,283	27,103	30,536	34,463	35,589	38,455	36,857	42,363	45,959	46,633	45,432	47,604	
Gen.190MW.CT.11	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12,668	23,187	22,316	26,165	21,662	20,017	24,520	25,819	29,005	29,455	33,388	33,384	35,600	39,194	39,179	39,376	42,192	
Gen.190MW.CT.12	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9,808	15,464	16,271	20,108	16,160	18,056	19,491	23,016	25,315	26,119	27,936	28,621	30,430	32,553	34,915	32,516	34,985	
Gen.190MW.CT.13	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10,558	15,450	12,352	14,262	16,530	18,526	22,709	23,003	23,798	23,955	25,321	30,012	29,901	28,585	30,613	
Gen.190MW.CT.14	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11,662	14,719	17,313	19,259	20,201	20,344	23,625	26,026	25,582	24,626	26,380	
Gen.190MW.CT.15	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8,922	12,343	15,199	15,924	17,548	16,794	18,218	19,938	19,543	20,036	22,783	
Gen.190MW.CT.16	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8,211	11,295	12,765	14,106	13,986	15,962	17,585	17,101	17,554	17,933	
Gen.190MW.CT.17	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.18	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.19	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.2	CT	0	0	0	0	0	0	17,399	27,635	23,915	31,568	39,216	43,046	48,492	44,453	43,321	48,300	56,208	60,667	75,178	73,419	85,435	69,825	67,728	74,806	80,361	89,442	88,581	99,287	97,559	105,500	115,523	115,815	116,519	120,761	
Gen.190MW.CT.20	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.21	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.3	CT	0	0	0	0	0	0	0	17,417	19,889	27,522	33,499	36,511	41,674	37,498	37,313	41,038	49,005	53,178	66,392	63,078	75,971	60,050	60,239	64,650	71,592	76,415	79,312	91,476	85,386	92,760	104,793	103,221	106,954	109,712	
Gen.190MW.CT.4	CT	0	0	0	0	0	0	0	0	0	19,381	26,713	31,219	34,874	32,663	33,014	35,456	43,228	45,213	58,224	57,434	64,191	52,449	52,414	57,046	63,030	67,942	71,271	80,403	76,907	83,991	92,461	92,618	94,722	97,674	
Gen.190MW.CT.5	CT	0	0	0	0	0	0	0	0	0	0	0	20,678	28,600	26,685	27,428	30,910	37,346	39,686	50,929	49,938	58,948	46,388	47,000	50,885	56,420	60,583	64,097	70,405	67,536	74,730	82,356	83,497	83,306	84,606	
Gen.190MW.CT.6	CT	0	0	0	0	0	0	0	0	0	0	0	0	17,239	23,497	27,528	31,015	34,587	44,276	43,098	50,963	41,220	39,995	45,222	50,487	54,006	57,364	64,054	60,220	66,432	72,602	72,768	74,518	77,404		
Gen.190MW.CT.7	CT	0	0	0	0	0	0	0	0	0	0	0	0	15,312	20,234	23,291	27,833	30,720	38,152	38,809	46,010	36,496	38,097	39,777	45,793	48,335	51,364	56,935	54,171	60,503	63,225	65,301	67,266	70,025		
Gen.190MW.CT.8	CT	0	0	0	0	0	0	0	0	0	0	0	0	12,760	15,761	18,959	22,949	25,522	33,128	32,518	39,912	31,961	32,476	34,787	39,800	43,147	45,279	47,144	48,649	51,778	57,964	58,761	58,882	60,247		
Gen.190MW.CT.9	CT	0	0	0	0	0	0	0	0	0	0	0	0	9,942	13,555	16,141	18,900	22,042	28,328	28,374	33,908	26,576	28,357	30,913	34,542	38,545	39,741	43,200	42,643	47,022	52,805	51,887	51,626	53,130		
Gen.2x1.CC.1.1	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	273,841	489,254	524,759	575,080	618,775	656,348	703,259	743,067	782,108	798,858	845,014	894,722	936,920	968,208	1,019,496	1,054,868	1,096,572	1,144,374	1,193,241	1,230,658	1,273,663	
Gen.2x1.CC.1.1.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	28,071	38,128	42,969	48,834	52,337	60,561	61,991	68,204	85,771	98,199	105,110	112,950	122,763	127,382	140,201	137,263	147,252	155,443	153,484	162,556	167,104	
Gen.2x1.CC.2	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	462,732	822,322	870,587	921,959	966,418	1,005,906	1,052,888	1,091,812	1,130,126	1,173,879	1,222,192	1,260,710	1,303,585	
Gen.2x1.CC.2.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	56,093	76,880	87,892	89,700	99,793	103,004	111,990	109,796	122,288	136,068	130,233	135,266	138,887	
Gen.2x1.CC.3	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.3.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.4	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.4.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.5	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.5.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.6	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.6.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.7	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.7.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HEAT	DSM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hines.CC.1	Steam-CC	49,646	57,898	63,525	58,818	64,357	64,296	71,765	91,288	109,890	115,063	133,022	137,313	156,828	164,162	138,777	144,494	154,351	179,103	188,584	218,047	230,679	229,638	221,130	202,707	198,814	241,114	245,805	268,028	289,941	279,966	304,880	299,325	330,627	345,099	322,801
Hines.CC.2	Steam-CC	45,410	50,405	54,462	54,870	52,961	60,885	75,358	89,134	107,824	115,464	119,303	147,628	154,162	159,943	144,737	135,040	153,521	171,131	180,323	202,833	199,856	232,076	194,755	188,660	204,009	214,414	236,316	244,306	257,187	264,492	254,045	300,383	298,565	307,603	313,196
Hines.CC.3	Steam-CC	51,608	54,815	55,010	57,469	63,174	67,462	75,264	93,506	111,211	122,722	138,284	137,567	161,228	168,105	159,232	154,072	162,866	191,865	204,972	227,619	239,635	246,602	230,438	216,260	218,543	244,639	252,444	270,557	290,342	291,690	297,443	289,957	335,584	338,606	359,408
Hines.CC.4	Steam-CC	70,565	61,013	70,662	67,508	68,810	90,090	94,557	110,000	141,678	152,753	154,335	171,375	199,406	209,036	186,670	181,413	206,828	234,276	252,828	267,626	270,914	309,909	268,651	249,909	290,659	311,007	311,594	322,966	368,540	374,989	353,755	374,996	426,397	442,945	427,991
INT.CITY.1	CT	167	242	203	107	749	512	958	1,774	1,623	1,893	1,875	1,940	1,617	1,837	327	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.10	CT	297	271	274	264	993	0	1,246	1,958	2,231	2,243	2,405	2,805	2,243	2,288	1,943	1,562	2,738	3,379	525	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.11	CT	692	717	658	320	2,505	2,080	3,529	4,735	4,335	5,852	5,549	5,863	4,298	5,495	4,082	4,052	7,276	8,391	6,373	8,468	6,495	8,833	5,885	5,945	1,195	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.12	CT	721	746	653	741	2,163	1,937	2,818	4,640	5,012	5,089	5,620	6,125	5,275	6,075	4,065	3,804	4,929	5,918	3,624	4,682	3,274	4,415	4,992	6,800	4,298	1,128	0	0	0	0	0	0	0	0	0	0
INT.CITY.13	CT	883	861	857	838	2,317	1,766	3,023	4,944	5,112	5,342	5,958	5,911	5,926	6,558	4,137	4,160	5,270	6,136	4,011	5,109	3,698	5,072	5,512	7,525	5,963	859	0	0	0	0	0	0	0	0	0	0
INT.CITY.14	CT	628	626	604	591	1,897	1,720	2,406	4,198	4,578	4,713	5,053	5,340	5,244	5,389	3,799	3,243	4,297	5,235	3,019	3,713	2,897	3,882	3,223	4,567	3,720	489	0	0	0	0	0	0	0	0	0	0
INT.CITY.2	CT	43	103	57	22	235	131	274	1,015

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Station	Unit Type	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054
AC	DSM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anclote.1	Steam-Gas	548	650	830	771	874	930	1,082	1,065	1,119	1,160	1,083	1,310	1,254	1,578	1,315	1,250	1,316	1,516	1,327	1,521	1,481	1,577	559	0	0	0	0	0	0	0	0	0	0	0	0
Anclote.2	Steam-Gas	609	740	728	820	764	1,041	987	1,077	1,191	1,080	1,303	1,263	1,375	1,611	1,420	1,146	1,322	1,327	1,291	1,273	1,372	1,411	526	0	0	0	0	0	0	0	0	0	0	0	0
As.Avail	Cogen	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
As.Avail.PCS	Renewable	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AVON.PK_P.1	CT	78	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AVON.PK_P.2	CT	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bartow CC.1.0	Steam-CC	14,664	14,824	15,438	15,517	15,159	15,377	15,835	16,369	15,704	17,362	18,320	19,207	18,600	19,520	18,777	17,651	18,243	17,646	19,564	18,822	20,572	20,928	19,466	17,729	18,370	19,583	20,152	20,478	20,069	21,568	22,506	23,351	23,246	23,689	24,834
Bartow CC.1.PAG	Steam-CC	35	51	29	44	56	81	78	89	75	79	100	127	129	148	50	31	37	42	48	49	64	72	76	83	86	76	93	92	97	90	104	116	113	109	117
BARTOW_P.1	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BARTOW_P.2	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BARTOW_P.3	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BARTOW_P.4	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Battery Cape San Blas	Storage	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Battery Jennings	Storage	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Battery Micanopy	Storage	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Battery Trenton	Storage	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BAYBORO_P.1	CT	14	13	12	9	53	40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BAYBORO_P.2	CT	0	2	1	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BAYBORO_P.3	CT	9	10	10	6	46	35	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BAYBORO_P.4	CT	12	9	8	6	46	24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus.CC.1	Steam-CC	6,940	7,305	7,380	7,743	8,685	7,931	8,383	8,591	8,327	9,028	9,250	9,196	9,725	9,937	10,187	9,787	10,116	10,054	10,235	10,144	11,096	11,122	10,542	10,406	10,819	10,720	11,463	11,645	11,542	12,239	12,734	13,079	13,924	14,316	14,800
Citrus.CC.1.Duct	Steam-CC	341	372	348	388	400	376	367	377	365	385	433	449	449	475	428	432	449	416	442	477	492	518	424	453	467	469	528	529	523	554	595	592	634	625	664
Citrus.CC.2	Steam-CC	7,560	7,500	6,531	7,637	7,812	7,891	8,316	8,503	8,268	8,934	9,153	9,128	9,684	9,913	10,169	9,837	10,153	10,095	10,937	10,410	11,814	11,822	11,686	11,180	11,563	11,552	12,216	12,408	12,111	13,016	13,423	13,292	13,901	14,288	14,891
Citrus.CC.2.Duct	Steam-CC	344	358	355	369	340	356	342	359	359	357	399	427	424	447	394	393	391	365	377	407	427	455	344	356	362	365	408	387	376	407	428	441	449	458	472
Crystal.4	Steam-Coal	2,258	2,563	2,003	1,746	2,267	2,219	2,048	2,393	2,473	2,931	2,653	2,727	2,257	2,113	569	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Crystal.5	Steam-Coal	2,351	2,250	2,712	2,357	1,648	2,153	2,380	2,297	2,982	2,967	3,347	2,723	2,836	2,076	565	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dade.County	Renewable	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.10	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.2	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.3	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.4	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.5	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.6	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.7	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.8	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.9	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EconPurch	TranEcon-Purc	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EconSale	TranEcon-Sale	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.1	CT	0	0	0	0	0	0	388	556	448	569	676	702	759	647	566	630	704	703	840	808	896	654	577	631	647	704	722	787	764	832	901	896	871	926
Gen.190MW.CT.10	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	123	198	194	230	153	153	174	190	212	222	233	220	256	279	280	265	280
Gen.190MW.CT.11	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	101	149	166	186	138	138	157	175	192	197	196	212	233	233	197	225	244
Gen.190MW.CT.12	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	75	115	119	147	100	114	119	136	148	156	160	165	178	189	197	179	197
Gen.190MW.CT.13	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	75	109	74	87	98	106	131	133	133	134	141	171	166	154	168
Gen.190MW.CT.14	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	76	81	94	108	110	111	132	145	136	130	144
Gen.190MW.CT.15	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	51	83	88	93	88	99	107	113	102	121
Gen.190MW.CT.16	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	44	58	68	72	71	84	94	87	87	92
Gen.190MW.CT.17	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.18	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.19	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.2	CT	0	0	0	0	0	0	331	474	381	477	563	599	662	549	504	542	598	610	743	694	792	566	528	565	585	640	630	690	674	729	792	792	781	808
Gen.190MW.CT.20	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.21	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.3	CT	0	0	0	0	0	0	295	314	411	478	505	566	457	427	455	513	528	648	588	695	479	458	480	515	537	555	628	581	635	715	700	709	726
Gen.190MW.CT.4	CT	0	0	0	0	0	0	0	0	286	375	427	471	391	372	390	445	443	562	532	582	410	392	417	448	475	495	543	520	569	622	618	620	637
Gen.190MW.CT.5	CT	0	0	0	0	0	0	0	0	0	0	281	383	311	301	332	378	383	485	456	528	355	345	369	393	415	439	471	450	496	546	549	535	547
Gen.190MW.CT.6	CT	0	0	0	0	0	0	0	0	0	0	0	0	188	251	290	306	327	413	389	449	309	289	323	344	364	388	424	396	437	475	473	474	494
Gen.190MW.CT.7	CT	0	0	0	0	0	0	0	0	0	0	0	0	158	201	229	261	279	342	338	394	263	268	273	303	316	336	366	345	386	400	413	413	431
Gen.190MW.CT.8	CT	0	0	0	0	0	0	0	0	0	0	0	0	124	147	178	206	223	290	275	334	222	224	234	259	276	291	294	305	319	365	363	354	362
Gen.190MW.CT.9	CT	0	0	0	0	0	0	0	0	0	0	0	0	92	122	143	164	186	238	234	277	180	196	204	219	243	252	265	261	291	326	316	306	314
Gen.2x1.CC.1.1	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	8,430	14,827	15,252	15,589	15,923	16,366	16,819	17,171	17,482	17,402	17,873	18,271	18,657	19,030	19,656	20,072	20,738	21,390	22,058	22,520	23,090
Gen.2x1.CC.1.1.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	773	1,018	1,104	1,170	1,194	1,343	1,315	1,400	1,707	1,914	1,990	2,066	2,192	2,246	2,422	2,349	2,504	2,613	2,552	2,676	2,723
Gen.2x1.CC.1.2	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.2.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,116	1,493	1,658	1,635	1,776	1,811	1,928	1,876	2,076	2,282	2,161	2,222	2,260
Gen.2x1.CC.1.3	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.3.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.4	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.4.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.5	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.5.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.6	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.6.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.7	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.7.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HEAT	DSM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hines.CC.1	Steam-CC	6,678	7,887	8,679	7,937	8,482	7,332	7,339	8,325	8,924	8,626	9,500	9,350	10,218	10,668	8,682	8,710	8,929	9,697	9,686	10,982	11,115	10,681	9,880	8,688	8,296	9,757	9,729	10,467	11,151	10,552	11,474	11,171	12,155	12,581	11,659
Hines.CC.2	Steam-CC	5,585	6,314	6,802	6,801	6,370	6,389	7,067	7,429	7,997	7,907	7,783	9,185	9,150	9,471	8,292	7,472	8,170	8,496	8,499	9,302	8,781	9,860	7,923	7,449	7,814	7,954	8,545	8,731	9,006	8,144	8,760	10,218	10,045	10,231	10,385
Hines.CC.3	Steam-CC	6,739	7,234	7,237	7,496	7,991	7,420	7,407	8,180	8,645	8,827	9,468	8,977	10,062	10,468	9,576	8,956	9,103	10,008	10,158	10,988	11,055	10,242	9,860	8,974	8,808	9,569	9,597	10,174	10,701	10,627	10,767	10,393	11,880	11,856	12,456
Hines.CC.4	Steam-CC	5,520	4,770	5,555	5,236	5,210	5,941	5,557	5,722	6,537	6,481	6,224	6,565	7,296	7,639	6,613	6,219	6,798	7,180	7,357	7,554	7,304	8,084	6,761	6,089	6,888	7,119	6,955	7,114	7,977	7,998	7,493	7,850	8,830	9,082	8,681
INT.CITY.1	CT	5	8	6	3	24	16	29	52	46	53	51	52	43	49	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.10	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.11	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.12	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.13	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.14	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.2	CT	1	3	2	1	7	4	8	30	27	31	28	28	26	27	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.3	CT	4	8	4	3	16	13	17	41	50	50	49	51	45	47	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.4	CT	7	6	4	2	29	19	29	54	60	60	54	62	54	56	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.5	CT	2	4	2	1	9	6	10	30	33	37	35	32	28	34	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.6	CT	10	10	8	6	40	26	42	68	72	75	76	77	63	67	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.7	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.8	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.9	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INTER	DSM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lake.County	Renewable	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

CONFIDENTIAL

VOM Rate ($/MWh)

\\s00233\grpdata\PEF Resource Planning\2020\2020-03 Clean Energy Connection\Prosym\05052020\CEC_0MW.mdb

Station	Unit Type	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054
AC	DSM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Anclote.1	Steam-Gas	1.84	1.89	1.94	1.99	2.04	2.09	2.14	2.19	2.25	2.30	2.36	2.42	2.48	2.54	2.61	2.67	2.74	2.81	2.88	2.95	3.02	3.10	3.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Anclote.2	Steam-Gas	1.84	1.89	1.94	1.99	2.04	2.09	2.14	2.19	2.25	2.30	2.36	2.42	2.48	2.54	2.61	2.67	2.74	2.81	2.88	2.95	3.02	3.10	3.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
As.Avail	Cogen	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
As.Avail.PCS	Renewable	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVON.PK_P.1	CT	15.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVON.PK_P.2	CT	15.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Bartow CC.1.0	Steam-CC	2.07	2.12	2.18	2.23	2.29	2.34	2.40	2.46	2.52	2.59	2.65	2.72	2.79	2.86	2.93	3.00	3.08	3.15	3.23	3.31	3.40	3.48	3.57	3.66	3.75	3.84	3.94	4.04	4.14	4.24	4.35	4.45	4.57	4.68	4.80
Bartow CC.1.PAG	Steam-CC	2.07	2.12	2.18	2.23	2.29	2.34	2.40	2.46	2.52	2.59	2.65	2.72	2.79	2.86	2.93	3.00	3.08	3.15	3.23	3.31	3.39	3.48	3.57	3.66	3.75	3.84	3.94	4.04	4.14	4.24	4.35	4.46	4.57	4.68	4.80
BARTOW_P.1	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BARTOW_P.2	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BARTOW_P.3	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BARTOW_P.4	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Battery Cape San Blas	Storage	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Battery Jennings	Storage	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Battery Micanopy	Storage	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Battery Trenton	Storage	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BAYBORO_P.1	CT	7.32	7.50	7.69	7.88	8.08	8.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BAYBORO_P.2	CT	8.50	7.90	8.00	9.25	8.67	8.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BAYBORO_P.3	CT	7.47	7.60	7.85	8.05	8.24	8.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BAYBORO_P.4	CT	7.52	7.70	7.89	8.10	8.29	8.51	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Citrus.CC.1	Steam-CC	1.18	1.21	1.24	1.27	1.30	1.33	1.36	1.40	1.43	1.47	1.51	1.54	1.58	1.62	1.66	1.70	1.75	1.79	1.84	1.88	1.93	1.98	2.03	2.08	2.13	2.18	2.24	2.29	2.35	2.41	2.47	2.53	2.59	2.66	2.72
Citrus.CC.1.Duct	Steam-CC	1.18	1.21	1.24	1.27	1.30	1.33	1.36	1.40	1.43	1.47	1.51	1.54	1.58	1.62	1.66	1.70	1.75	1.79	1.84	1.88	1.93	1.98	2.03	2.08	2.13	2.18	2.24	2.29	2.35	2.41	2.47	2.53	2.59	2.66	2.72
Citrus.CC.2	Steam-CC	1.18	1.21	1.24	1.27	1.30	1.33	1.36	1.40	1.43	1.47	1.51	1.54	1.58	1.62	1.66	1.70	1.75	1.79	1.84	1.88	1.93	1.98	2.03	2.08	2.13	2.18	2.24	2.29	2.35	2.41	2.47	2.53	2.59	2.66	2.72
Citrus.CC.2.Duct	Steam-CC	1.18	1.21	1.24	1.27	1.30	1.33	1.36	1.40	1.43	1.47	1.51	1.54	1.58	1.62	1.66	1.70	1.75	1.79	1.84	1.88	1.93	1.98	2.03	2.08	2.13	2.18	2.24	2.29	2.35	2.41	2.47	2.53	2.59	2.66	2.72
Crystal.4	Steam-Coal	1.25	1.28	1.31	1.35	1.38	1.41	1.45	1.49	1.52	1.56	1.60	1.64	1.68	1.72	1.77	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Crystal.5	Steam-Coal	1.25	1.28	1.31	1.35	1.38	1.41	1.45	1.49	1.52	1.56	1.60	1.64	1.68	1.72	1.77	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Dade.County	Renewable	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.10	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.2	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.3	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.4	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.5	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.6	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.7	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.8	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.9	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EconPurch	TranEcon-Purc	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EconSale	TranEcon-Sale	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.1	CT	0.00	0.00	0.00	0.00	0.00	0.00	1.10	1.12	1.15	1.18	1.21	1.24	1.27	1.30	1.34	1.37	1.40	1.44	1.47	1.51	1.55	1.59	1.63	1.67	1.71	1.75	1.80	1.84	1.89	1.94	1.98	2.03	2.08	2.14	
Gen.190MW.CT.10	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.11	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.12	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.13	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.14	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.15	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.16	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.17	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.18	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.19	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.2	CT	0.00	0.00	0.00	0.00	0.00	0.00	1.10	1.12	1.15	1.18	1.21	1.24	1.27	1.30	1.34	1.37	1.40	1.44	1.47	1.51	1.55	1.59	1.63	1.67	1.71	1.75	1.80	1.84	1.89	1.93	1.98	2.03	2.08	2.14	
Gen.190MW.CT.20	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.21	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.3	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.12	1.15	1.18	1.21	1.24	1.27	1.30	1.34	1.37	1.40	1.44	1.47	1.51	1.55	1.59	1.63	1.67	1.71	1.75	1.80	1.84	1.89	1.94	1.98	2.03	2.08	2.14	
Gen.190MW.CT.4	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.18	1.21	1.24	1.27	1.30	1.34	1.37	1.40	1.44	1.47	1.51	1.55	1.59	1.63	1.67	1.71	1.75	1.80	1.84	1.89	1.93	1.98	2.03	2.08	2.14
Gen.190MW.CT.5	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.24	1.27	1.30	1.34	1.37	1.40	1.44	1.47	1.51	1.55	1.59	1.63	1.67	1.71	1.75	1.80	1.84	1.89	1.93	1.98	2.03	2.08	2.14
Gen.190MW.CT.6	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.30	1.34	1.37	1.40	1.44	1.47	1.51	1.55	1.59	1.63	1.67	1.71	1.75	1.80	1.84	1.89	1.94	1.98	2.03	2.08	2.14	
Gen.190MW.CT.7	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.30	1.34	1.37	1.40	1.44	1.47	1.51	1.55	1.59	1.63	1.67	1.71	1.75	1.80	1.84	1.89	1.93	1.98	2.03	2.08	2.14	
Gen.190MW.CT.8	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.30	1.34	1.37	1.40	1.44	1.47	1.51	1.55	1.59	1.63	1.67	1.71	1.75	1.80	1.84	1.89	1.94	1.98	2.03	2.08	2.14	
Gen.190MW.CT.9	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.30	1.34	1.37	1.40	1.44	1.47	1.51	1.55	1.59	1.63	1.67	1.71	1.75	1.80	1.84	1.89	1.94	1.98	2.03	2.08	2.14	
Gen.2x1.CC.1.1	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.69	1.74	1.78	1.82	1.87	1.92	1.97	2.01	2.06	2.12	2.17	2.22	2.28	2.34	2.39	2.45	2.52	2.58	2.64	2.71	2.78	
Gen.2x1.CC.1.1.Duct	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.03	2.08	2.13	2.18	2.24	2.29	2.35	2.41	2.47	2.53	2.60	2.66	2.73	2.80	2.86	2.94	3.01	3.09	3.16	3.24	3.32	
Gen.2x1.CC.1.2	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.06	2.12	2.17	2.22	2.28	2.34	2.39	2.45	2.52	2.58	2.64	2.71	2.78
Gen.2x1.CC.1.2.Duct	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.47	2.53	2.60	2.66	2.73	2.80	2.86	2.94	3.01	3.09	3.16	3.24	3.32
Gen.2x1.CC.1.3	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.2x1.CC.1.3.Duct	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.2x1.CC.4	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.2x1.CC.4.Duct	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.2x1.CC.1.5	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0

CONFIDENTIAL

Dispatch Price ($/MWh)

\\s00233\grpdata\PEF Resource Planning\2020\2020-03 Clean Energy Connection\Prosym\0505202O\CEC_OMW_HF.mdb

Station	Unit Type	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054
AC	DSM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Anclote.1	Steam-Gas	33.25	34.29	38.68	44.96	51.47	60.24	68.41	77.23	87.01	95.07	102.92	112.23	119.20	121.77	130.38	138.08	146.02	160.68	173.70	182.48	196.96	268.93	221.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Anclote.2	Steam-Gas	36.60	36.94	42.46	48.96	56.65	65.75	75.58	84.69	95.36	104.96	113.22	123.19	130.79	134.50	144.62	153.76	161.82	178.16	193.96	202.86	219.69	232.26	241.37	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
As.Avail	Cogen	20.47	20.81	22.47	25.19	29.18	35.97	42.77	50.36	57.28	64.89	69.77	77.73	82.84	86.11	91.45	95.23	103.73	116.66	126.22	135.15	146.48	158.78	166.73	174.41	180.80	192.48	205.61	215.61	227.76	237.66	247.10	255.43	265.60	276.64	285.68
As.Avail.PCS	Renewable	20.50	20.99	22.53	25.15	28.98	37.69	46.23	55.43	65.04	72.61	80.36	89.09	95.86	102.63	107.88	114.33	125.72	142.44	156.40	170.80	184.18	200.17	209.90	221.44	232.65	249.17	264.80	278.78	294.17	305.26	323.08	335.46	347.15	361.54	376.61
AVON.PK_P.1	CT	105.99	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVON.PK_P.2	CT	553.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Bartow CC.1.0	Steam-CC	19.49	19.94	22.02	25.17	29.82	34.22	39.06	44.03	49.77	54.59	58.55	63.53	67.67	69.09	73.83	78.37	82.98	91.45	98.89	103.36	111.49	118.43	125.49	133.22	138.32	146.51	154.87	162.07	169.58	175.53	181.58	187.79	194.41	200.88	207.52
Bartow CC.1.PAG	Steam-CC	23.76	23.58	27.98	32.51	38.07	43.94	50.62	57.11	64.12	70.24	75.32	81.07	86.98	87.91	90.74	95.08	101.16	112.51	120.14	126.00	134.42	143.30	152.91	160.51	165.92	175.56	186.04	195.90	203.79	213.78	220.29	227.72	236.19	244.69	251.59
BARTOW_P.1	CT	280.31	262.18	285.79	298.33	292.37	309.82	324.00	330.86	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BARTOW_P.2	CT	49.73	47.58	58.21	68.08	75.16	88.24	96.29	110.48	120.62	129.96	148.73	162.23	165.23	174.61	171.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BARTOW_P.3	CT	287.39	245.87	280.85	306.80	289.73	306.91	317.20	337.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BARTOW_P.4	CT	45.27	44.26	60.94	64.17	72.74	84.04	96.99	107.00	117.89	131.71	146.12	165.08	167.10	175.02	164.92	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Battery Cape San Blas	Storage	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Battery Jennings	Storage	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Battery Micanopy	Storage	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Battery Trenton	Storage	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BAYBORO_P.1	CT	215.85	215.65	221.98	225.05	226.45	238.72	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BAYBORO_P.2	CT	281.50	227.55	246.00	286.75	264.04	269.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BAYBORO_P.3	CT	217.38	215.52	220.56	226.59	226.83	239.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BAYBORO_P.4	CT	216.31	213.70	220.64	223.74	227.07	240.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Citrus.CC.1	Steam-CC	17.07	17.42	19.39	22.08	26.11	30.48	34.84	39.43	44.76	49.23	52.82	57.31	60.96	62.22	66.89	70.96	75.08	82.88	89.73	93.91	101.29	107.72	114.46	120.94	125.58	133.27	140.64	147.29	154.18	159.77	165.40	171.18	176.99	182.83	188.95
Citrus.CC.1.Duct	Steam-CC	18.57	18.88	21.45	24.63	29.24	33.93	39.21	44.43	50.31	54.87	60.09	65.08	68.66	70.49	76.34	81.18	86.17	95.00	102.91	108.22	116.94	125.04	132.89	140.66	146.49	154.58	164.12	171.80	179.42	185.53	193.22	199.33	206.86	213.53	221.47
Citrus.CC.2	Steam-CC	17.08	17.48	19.35	22.21	26.16	30.49	34.86	39.45	44.77	49.25	52.82	57.34	60.98	62.24	66.90	70.96	74.90	82.65	89.47	93.70	100.99	107.42	114.09	120.65	125.11	132.90	140.53	147.20	154.22	159.68	165.35	171.11	176.95	182.82	188.79
Citrus.CC.2.Duct	Steam-CC	18.43	18.72	21.12	24.58	29.09	33.74	38.90	44.26	50.35	54.49	59.82	64.84	68.29	70.19	75.33	80.13	84.61	93.66	101.19	106.52	115.01	122.81	132.16	139.26	144.93	153.15	162.27	169.59	177.28	182.83	190.78	197.39	202.84	210.43	218.42
Crystal.4	Steam-Coal	26.20	26.66	27.40	27.94	28.25	36.75	43.70	51.20	58.33	64.91	70.60	81.01	87.61	94.90	103.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Crystal.5	Steam-Coal	25.65	26.20	26.58	27.38	27.96	36.12	43.02	50.39	57.45	63.74	69.79	79.67	86.09	93.59	102.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Dade.County	Renewable	20.34	20.87	22.47	25.16	28.98	45.97	54.32	65.34	72.65	80.44	89.39	97.12	103.49	108.53	114.42	126.64	142.91	157.51	168.89	183.92	199.59	209.59	224.42	233.96	248.64	264.75	279.52	293.31	306.76	322.30	335.29	348.50	360.64	374.21
DEBARY.10	CT	227.35	223.02	236.22	241.35	238.46	250.23	263.90	278.37	295.06	306.74	326.22	336.87	345.43	360.22	375.84	390.52	398.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.2	CT	271.32	262.36	274.72	294.15	286.68	298.74	324.98	333.89	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.3	CT	279.85	254.71	276.17	277.33	284.51	300.51	304.90	323.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.4	CT	275.73	246.85	279.16	285.50	289.19	299.80	310.36	367.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.5	CT	276.08	245.21	281.41	297.17	285.85	295.69	306.59	332.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.6	CT	277.84	253.67	286.82	288.64	283.02	298.94	310.18	326.54	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.7	CT	46.38	44.91	54.34	61.68	67.39	78.95	88.87	101.26	112.33	121.06	133.14	144.59	154.37	157.67	168.90	183.59	188.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.8	CT	45.73	43.35	51.36	62.02	68.12	78.71	88.24	100.81	110.48	121.08	133.77	145.94	151.75	158.74	167.79	184.06	181.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.9	CT	45.25	45.19	51.57	63.58	67.57	79.68	90.43	101.40	112.94	121.07	133.17	145.11	152.90	158.23	169.67	184.00	187.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EconPurch	TranEcon-Purc	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EconSale	TranEcon-Sale	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.1	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	78.51	85.64	91.51	99.47	105.13	108.87	109.43	126.04	138.13	144.75	157.80	171.31	177.20	191.93	201.76	232.76	251.75	261.16	275.69	290.67	301.15	317.53	324.23	334.51	345.70	354.62	369.04	381.01
Gen.190MW.CT.10	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	198.54	205.82	217.11	225.30	272.64	281.38	292.66	311.55	323.87	332.82	350.10	361.60	369.13	378.28	393.80	413.76	420.39
Gen.190MW.CT.11	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	204.09	210.50	221.07	230.17	274.98	284.08	294.89	313.84	326.41	335.57	353.01	365.91	373.18	384.79	397.50	417.64	424.54
Gen.190MW.CT.12	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	209.66	216.08	229.21	237.78	281.17	287.56	300.05	322.05	336.82	339.94	366.07	371.72	377.56	390.61	411.50	429.19	431.86
Gen.190MW.CT.13	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	236.01	242.27	283.07	291.18	303.87	326.35	335.99	348.27	370.10	376.38	388.83	394.77	414.63	434.94	439.91
Gen.190MW.CT.14	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	306.29	331.93	345.65	355.09	373.37	380.83	387.32	399.67	420.62	438.51	447.98
Gen.190MW.CT.15	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	311.04	333.55	345.93	353.03	378.77	385.68	391.24	404.83	425.80	445.94	444.78
Gen.190MW.CT.16	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	335.16	351.14	354.09	383.28	390.46	393.67	402.66	428.24	450.32	449.69
Gen.190MW.CT.17	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.18	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.19	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.2	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	80.54	87.11	92.92	100.35	106.23	109.86	110.10	127.27	138.91	145.81	158.91	172.77	179.01	193.14	203.06	236.06	252.32	262.64	279.15	293.29	305.00	320.78	329.29	339.10	349.13	358.40	373.85	383.22
Gen.190MW.CT.20	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.21	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.3	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	91.01	94.14	101.86	107.74	109.95	111.02	128.73	140.45	147.23	160.94	174.34	180.54	195.45	205.01	239.63	257.57	266.54	282.19	297.83	309.21	324.11	333.62	341.70	350.85	361.22	377.67	387.19
Gen.190MW.CT.4	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	106.25	109.46	111.29	111.95	131.41	142.63	148.47	163.39	176.16	181.99	196.89	206.55	244.01	261.60	270.13	285.27	299.37	310.83	328.35	335.14	344.98	355.24	366.12	381.66	391.24
Gen.190MW.CT.5	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	113.30	113.09	134.10	145.76	151.12	165.22	178.51	184.11	198.85	208.26	247.46	265.63	273.06	290.11	305.06	314.70	331.26	339.36	350.42	359.27	370.87	387.98	395.14
Gen.190MW.CT.6	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	142.69	149.19	153.38	168.67	181.28	187.11	200.34	211.62	252.44	269.04	275.94	295.59	308.99	317.64	334.09	343.30	353.03	363.30	374.26	391.59	399.60
Gen.190MW.CT.7	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	145.94	153.59	158.96	173.09	184.11	190.64	202.93	214.06	257.02	270.68	280.45	299.28	312.87	321.69	337.35	346.86	357.25	369.41	378.99	398.61	406.92
Gen.190MW.CT.8	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	152.99	160.34	164.89	178.37	189.62	194.26	207.21	216.99	263.86	274.45	284.69	302.39	316.21	325.35	344.08	350.78	366.86	370.52	385.53	404.93	414.80
Gen.190MW.CT.9	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	158.20	163.94	169.06	182.83	194.16	200.56	211.55	224.39	268.91	277.98	287.95	307.83	317.97	327.62	348.05	355.43	363.45	375.65	389.65	408.43	420.30
Gen.2x1.CC.1.1	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	67.03	69.96	74.03	81.60	88.32	92.55	99.60	105.89	112.25	118.42	123.10	130.54	138.05	144.50	151.18	156.73	162.20	167.86	173.64	179.45	185.37
Gen.2x1.CC.1.1.Duct	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	88.37	92.85	98.16	108.54	117.20	122.85	132.47	140.88	149.56	157.34	163.55	173.34	183.31	191.79	201.08	207.35	214.74	222.29	229.66	237.48	245.49
Gen.2x1.CC.1.2	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	133.37	118.17	122.81	130.24	137.73	144.10	150.78	156.42	161.89	167.59	173.38	179.20	185.11
Gen.2x1.CC.2.2.Duct	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	150.02	157.06	163.55	173.27	183.27	191.61	201.09	206.91	214.52	222.36	229.57	237.30	245.12
Gen.2x1.CC.3	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.2x1.CC.3.Duct	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.2x1.CC.4	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.2x1.CC.4.Duct	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.2x1.CC.5	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

CONFIDENTIAL

Fixed Cost ($000)

\\s00233\grpdata\PEF Resource Planning\2020\2020-03 Clean Energy Connection\Prosym\050S2020\CEC_OMW_HF.mdb

Station	Unit Type	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054
AC	DSM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anclote.1	Steam-Gas	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anclote.2	Steam-Gas	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
As.Avail	Cogen	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
As.Avail.PCS	Renewable	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AVON.PK_P.1	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AVON.PK_P.2	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bartow CC.1.0	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bartow CC.1.PAG	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BARTOW_P.1	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BARTOW_P.2	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BARTOW_P.3	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BARTOW_P.4	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Battery Cape San Blas	Storage	48	146	176	237	240	244	249	253	257	261	266	270	240	174	205	266	270	275	280	285	290	295	300	305	310	215	0	0	0	0	0	0	0	0	0
Battery Jennings	Storage	79	241	247	242	230	231	232	234	236	237	239	241	236	225	236	255	260	265	270	275	280	285	290	295	301	208	0	0	0	0	0	0	0	0	0
Battery Micanopy	Storage	79	241	247	242	230	231	232	234	236	237	239	241	236	225	236	255	260	265	270	275	280	285	290	295	301	208	0	0	0	0	0	0	0	0	0
Battery Trenton	Storage	79	241	247	242	230	231	232	234	236	237	239	241	236	225	236	255	260	265	270	275	280	285	290	295	301	208	0	0	0	0	0	0	0	0	0
BAYBORO_P.1	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BAYBORO_P.2	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BAYBORO_P.3	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BAYBORO_P.4	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus.CC.1	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus.CC.1.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus.CC.2	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus.CC.2.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Crystal.4	Steam-Coal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Crystal.5	Steam-Coal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dade.County	Renewable	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.10	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.2	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.3	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.4	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.5	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.6	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.7	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.8	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.9	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EconPurch	TranEcon-Purc	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EconSale	TranEcon-Sale	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.1	CT	0	0	0	0	0	0	257	452	463	475	487	499	511	524	537	551	564	578	593	608	623	638	654	671	688	705	722	740	759	778	797	817	838	859	
Gen.190MW.CT.10	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	712	1,252	1,283	1,315	1,348	1,382	1,416	1,451	1,488	1,525	1,563	1,602	1,642	1,683	1,725	1,768	1,813
Gen.190MW.CT.11	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	712	1,252	1,283	1,315	1,348	1,382	1,416	1,451	1,488	1,525	1,563	1,602	1,642	1,683	1,725	1,768	1,813
Gen.190MW.CT.12	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	712	1,252	1,283	1,315	1,348	1,382	1,416	1,451	1,488	1,525	1,563	1,602	1,642	1,683	1,725	1,768	1,813
Gen.190MW.CT.13	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	748	1,315	1,348	1,382	1,416	1,451	1,488	1,525	1,563	1,602	1,642	1,683	1,725	1,768	1,813	
Gen.190MW.CT.14	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	826	1,451	1,488	1,525	1,563	1,602	1,642	1,683	1,725	1,768	1,813	
Gen.190MW.CT.15	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	847	1,488	1,525	1,563	1,602	1,642	1,683	1,725	1,768	1,813	
Gen.190MW.CT.16	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	847	1,488	1,525	1,563	1,602	1,642	1,683	1,725	1,768	1,813
Gen.190MW.CT.17	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.18	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.19	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.2	CT	0	0	0	0	0	0	257	452	463	475	487	499	511	524	537	551	564	578	593	608	623	638	654	671	688	705	722	740	759	778	797	817	838	859	
Gen.190MW.CT.20	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.21	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.3	CT	0	0	0	0	0	0	264	463	475	487	499	511	524	537	551	564	578	593	608	623	638	654	671	688	705	722	740	759	778	797	817	838	859		
Gen.190MW.CT.4	CT	0	0	0	0	0	0	0	277	487	499	511	524	537	551	564	578	593	608	623	638	654	671	688	705	722	740	759	778	797	817	838	859			
Gen.190MW.CT.5	CT	0	0	0	0	0	0	0	0	291	511	524	537	551	564	578	593	608	623	638	654	671	688	705	722	740	759	778	797	817	838	859				
Gen.190MW.CT.6	CT	0	0	0	0	0	0	0	0	306	537	551	564	578	593	608	623	638	654	671	688	705	722	740	759	778	797	817	838	859						
Gen.190MW.CT.7	CT	0	0	0	0	0	0	0	0	0	0	0	645	1,134	1,162	1,191	1,221	1,252	1,283	1,315	1,348	1,382	1,416	1,451	1,488	1,525	1,563	1,602	1,642	1,683	1,725	1,768	1,813		
Gen.190MW.CT.8	CT	0	0	0	0	0	0	0	0	0	0	0	645	1,134	1,162	1,191	1,221	1,252	1,283	1,315	1,348	1,382	1,416	1,451	1,488	1,525	1,563	1,602	1,642	1,683	1,725	1,768	1,813		
Gen.190MW.CT.9	CT	0	0	0	0	0	0	0	0	0	0	0	645	1,134	1,162	1,191	1,221	1,252	1,283	1,315	1,348	1,382	1,416	1,451	1,488	1,525	1,563	1,602	1,642	1,683	1,725	1,768	1,813		
Gen.2x1.CC.1.1	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	3,851	6,767	6,937	7,110	7,288	7,470	7,657	7,848	8,044	8,245	8,452	8,663	8,879	9,101	9,329	9,562	9,801	10,046	10,297	10,555	10,819	
Gen.2x1.CC.1.1.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	791	1,390	1,425	1,460	1,497	1,534	1,573	1,612	1,652	1,693	1,736	1,779	1,824	1,869	1,916	1,964	2,013	2,063	2,115	2,168	2,222	
Gen.2x1.CC.1.2	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4,693	8,245	8,452	8,663	8,879	9,101	9,329	9,562	9,801	10,046	10,297	10,555	10,819	
Gen.2x1.CC.1.2.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	964	1,693	1,736	1,779	1,824	1,869	1,916	1,964	2,013	2,063	2,115	2,168	2,222	
Gen.2x1.CC.1.3	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Gen.2x1.CC.1.3.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Gen.2x1.CC.1.4	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Gen.2x1.CC.1.4.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Gen.2x1.CC.1.5	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Gen.2x1.CC.1.5.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Gen.2x1.CC.1.6	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Gen.2x1.CC.1.6.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Gen.2x1.CC.1.7	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Gen.2x1.CC.1.7.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
HEAT	DSM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Hines.CC.1	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Hines.CC.2	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Hines.CC.3	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Hines.CC.4	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
INT.CITY.1	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
INT.CITY.10	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
INT.CITY.11	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
INT.CITY.12	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
INT.CITY.13	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
INT.CITY.14	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
INT.CITY.2	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
INT.CITY.3	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
INT.CITY.4	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
INT.CITY.5	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
INT.CITY.6	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
INT.CITY.7	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
INT.CITY.8	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
INT.CITY.9	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
INTER	DSM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Lake.County	Renewable	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
LEE.County.Res	Renewable	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Mulberry	Cogen	97,306	101,979	107,186	112,648	48,439	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
NSG.Vand.CT.1	TranFirm-Purc	9,464	9,464	9,464	9,464	9,464

CONFIDENTIAL

Fuel Cost ($000)

\\s00233\grpdata\PEF Resource Planning\2020\2020-03 Clean Energy Connection\Prosym\0505020\CEC_0MW_HF.mdb

Station	Unit Type	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054
AC	DSM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anclote.1	Steam-Gas	9,133	11,063	13,964	14,849	18,564	19,171	25,574	28,807	33,715	35,457	37,040	43,747	41,200	43,836	42,450	46,432	48,707	59,286	51,866	59,587	58,701	63,704	70,973	0	0	0	0	0	0	0	0	0	0	0	0
Anclote.2	Steam-Gas	11,322	13,352	14,326	18,113	18,230	25,295	24,647	28,011	38,945	35,652	42,727	43,808	48,548	44,735	50,522	45,398	52,702	56,483	57,769	55,286	61,960	62,524	23,964	0	0	0	0	0	0	0	0	0	0	0	0
As.Avail	Cogen	36	36	39	44	51	59	68	79	89	98	104	115	122	124	131	134	144	159	169	178	193	207	214	221	227	240	256	267	284	293	303	311	325	335	345
As.Avail.PCS	Renewable	2,137	2,178	2,341	2,611	3,014	3,484	4,024	4,638	5,302	5,729	6,191	6,751	7,141	7,469	7,678	8,003	8,436	9,383	10,035	10,778	11,407	12,277	12,510	12,952	13,361	14,261	15,139	15,802	16,683	16,991	18,063	18,577	19,073	19,746	20,553
AVON.PK_P.1	CT	455	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AVON.PK_P.2	CT	141	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bartow CC.1.0	Steam-CC	122,946	123,846	134,820	143,247	145,676	178,903	197,047	228,097	238,451	277,750	302,795	334,676	339,346	343,913	342,672	333,797	335,837	341,702	390,728	377,669	429,912	445,502	422,279	392,623	402,563	441,120	465,779	478,753	476,095	509,213	530,280	549,694	547,631	557,816	584,730
Bartow CC.1.PAG	Steam-CC	361	514	218	262	591	547	517	848	971	1,154	1,589	1,585	1,200	1,342	958	1,280	1,299	1,262	1,368	1,432	1,689	2,030	1,994	2,118	2,189	2,059	2,587	2,591	2,751	2,614	2,952	3,327	3,273	3,137	3,381
BARTOW_P.1	CT	40	78	35	15	179	131	147	62	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BARTOW_P.2	CT	67	75	86	44	425	203	440	789	880	937	808	906	809	679	122	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BARTOW_P.3	CT	70	89	50	25	201	116	351	80	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BARTOW_P.4	CT	97	108	75	90	492	355	563	797	826	963	926	857	869	903	185	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Battery Cape San Blas	Storage	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Battery Jennings	Storage	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Battery Micanopy	Storage	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Battery Trenton	Storage	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BAYBORO_P.1	CT	379	347	338	196	1,338	1,026	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BAYBORO_P.2	CT	10	67	21	11	59	44	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BAYBORO_P.3	CT	240	329	254	164	1,121	891	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BAYBORO_P.4	CT	312	246	214	119	1,132	596	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus.CC.1	Steam-CC	93,355	97,880	108,047	126,825	164,963	161,956	184,325	202,888	213,616	243,405	255,417	264,786	287,259	284,417	301,168	290,556	295,657	311,826	336,745	329,667	374,073	381,836	369,888	370,052	382,014	389,073	438,050	451,654	452,237	482,014	497,517	498,953	529,382	543,870	562,201
Citrus.CC.1.Duct	Steam-CC	5,033	5,418	5,487	6,398	5,798	6,015	6,666	7,846	8,994	9,767	10,346	12,081	12,598	13,266	12,301	13,210	14,137	14,996	16,831	17,315	18,603	18,969	16,290	17,739	19,142	19,064	22,130	22,598	22,675	23,687	26,189	25,801	27,733	27,478	29,629
Citrus.CC.2	Steam-CC	101,836	100,888	95,382	126,043	146,131	160,988	182,397	200,247	211,833	241,456	254,043	263,715	285,699	283,300	304,309	308,447	314,931	328,183	358,516	338,569	396,748	404,885	408,687	396,160	406,133	417,680	442,752	454,453	451,477	481,704	498,256	503,752	528,362	542,543	565,209
Citrus.CC.2.Duct	Steam-CC	5,022	5,129	5,565	6,116	4,845	5,653	6,285	7,489	8,820	9,146	9,566	11,736	11,813	12,451	11,103	11,875	11,906	12,986	13,991	14,411	15,395	15,950	12,664	13,182	13,377	13,869	16,083	15,585	15,532	16,203	18,106	18,701	18,882	19,678	20,772
Crystal.4	Steam-Coal	42,335	48,675	44,838	60,195	128,255	97,966	87,202	89,050	85,855	96,840	92,513	106,346	88,467	100,483	30,828	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Crystal.5	Steam-Coal	43,360	43,250	85,976	94,796	92,063	97,056	103,704	85,971	104,758	89,556	109,918	104,227	107,094	93,656	26,446	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dade.County	Renewable	1,788	1,830	1,894	2,241	2,541	2,955	3,378	3,819	4,508	4,846	5,239	5,734	6,138	6,214	6,542	6,776	7,206	7,960	8,588	8,932	9,623	10,319	10,542	11,190	11,403	12,007	12,768	13,410	14,002	14,492	15,202	15,688	16,241	16,630	17,142
DEBARY.10	CT	300	337	321	103	955	694	1,292	1,944	2,018	2,556	2,166	2,654	2,070	1,957	1,654	1,558	245	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.2	CT	82	100	78	65	325	169	331	78	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.3	CT	112	130	112	74	420	343	669	95	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.4	CT	97	136	78	54	360	303	626	46	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.5	CT	88	126	107	60	345	262	477	84	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.6	CT	93	151	122	55	445	358	674	67	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.7	CT	299	213	278	243	1,165	951	1,362	2,163	2,381	2,509	2,414	2,588	2,298	2,332	1,802	1,831	220	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.8	CT	172	176	161	168	876	682	1,088	1,709	1,773	1,974	1,906	1,975	1,784	1,751	1,269	1,171	177	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.9	CT	319	290	276	230	1,258	1,083	1,551	2,381	2,360	2,621	2,611	2,821	2,572	2,548	1,977	1,987	277	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EconPurch	TranEcon-Purc	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EconSale	TranEcon-Sale	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.1	CT	0	0	0	0	0	0	13,470	20,007	19,692	25,277	29,498	32,648	35,018	38,121	40,353	43,904	51,351	53,159	62,458	62,248	70,207	56,306	51,567	55,622	58,565	64,782	67,076	74,578	70,854	76,979	84,097	83,275	81,101	86,513
Gen.190MW.CT.10	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10,208	16,150	16,060	19,305	14,422	14,658	16,516	18,725	21,378	21,997	24,013	22,312	25,788	27,741	27,716	26,661	27,817
Gen.190MW.CT.11	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8,525	12,888	13,120	15,442	13,150	13,196	15,286	15,603	17,734	18,257	19,926	18,591	21,344	23,150	22,916	22,916	24,340
Gen.190MW.CT.12	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6,354	9,617	10,139	12,808	9,565	10,877	11,464	13,470	15,028	15,755	16,651	16,641	17,928	19,043	20,038	18,422	19,869
Gen.190MW.CT.13	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6,560	9,377	7,033	8,314	9,417	10,588	13,463	13,499	14,016	13,693	14,463	17,346	16,935	15,879	17,064
Gen.190MW.CT.14	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6,768	8,077	9,833	10,987	11,687	11,453	13,463	14,712	14,204	13,415	14,536
Gen.190MW.CT.15	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5,008	6,626	8,424	8,923	9,889	9,199	9,949	10,967	11,104	10,561	12,182
Gen.190MW.CT.16	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4,407	5,892	6,995	7,670	7,317	8,477	9,468	9,016	8,969	9,169
Gen.190MW.CT.17	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.18	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.19	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.2	CT	0	0	0	0	0	0	10,649	16,749	16,407	21,485	24,309	27,867	29,686	32,381	35,997	37,899	43,910	46,248	55,335	53,960	62,618	49,154	47,194	50,123	53,419	59,259	58,833	65,663	63,037	68,182	74,364	74,055	73,436	75,763
Gen.190MW.CT.20	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.21	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.3	CT	0	0	0	0	0	0	0	0	10,439	13,357	18,090	20,537	23,382	25,151	27,745	30,740	32,012	38,075	40,148	48,332	46,064	55,008	42,164	41,691	42,983	47,389	50,385	52,545	60,173	55,064	59,744	67,351	65,964	67,304	68,433
Gen.190MW.CT.4	CT	0	0	0	0	0	0	0	0	0	12,259	15,845	19,577	20,898	23,667	26,946	27,690	33,054	34,213	42,282	42,088	46,401	36,636	35,923	37,727	41,708	44,915	47,027	52,779	49,610	54,012	58,912	58,740	59,360	60,656
Gen.190MW.CT.5	CT	0	0	0	0	0	0	0	0	0	0	0	0	12,762	17,167	19,331	22,225	23,906	28,378	29,734	36,881	36,195	42,349	32,289	32,107	33,780	36,999	39,828	42,014	46,105	43,194	47,812	52,148	52,542	51,767	52,248
Gen.190MW.CT.6	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13,825	18,618	21,061	23,312	25,679	31,505	31,047	36,256	28,029	27,013	29,636	32,721	35,265	37,431	41,699	38,323	42,264	45,881	45,630	46,150	47,569
Gen.190MW.CT.7	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11,832	15,232	16,851	20,127	22,196	26,435	26,775	32,169	24,212	25,136	25,282	29,217	30,903	32,758	36,457	33,906	37,691	38,988	40,098	40,712	42,109
Gen.190MW.CT.8	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9,575	11,667	13,325	16,142	17,728	22,830	22,200	27,444	21,004	21,260	21,931	25,117	27,332	28,659	29,925	30,107	31,795	35,535	35,715	35,175	35,764
Gen.190MW.CT.9	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7,220	9,861	11,016	13,133	15,203	19,003	19,232	23,212	17,057	18,635	19,202	21,454	24,460	25,060	27,069	26,220	28,956	31,955	31,216	30,643	31,251
Gen.2x1.CC.1.1	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	248,695	439,093	446,373	480,758	507,430	515,789	548,546	570,744	591,696	596,395	608,302	639,715	670,805	691,835	724,378	739,835	761,999	785,719	810,356	826,840	847,902
Gen.2x1.CC.1.1.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25,268	34,210	36,146	40,440	42,989	47,588	48,935	53,447	64,760	73,059	75,272	80,514	87,714	90,817	99,807	95,914	101,887	106,181	103,483	108,882	110,687
Gen.2x1.CC.1.2	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	952,158	614,545	627,031	659,475	692,198	719,288	748,130	765,563	785,834	806,435	830,107	847,567	868,174
Gen.2x1.CC.1.2.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	42,525	56,935	63,004	63,649	70,935	73,352	79,382	76,219	84,236	92,796	87,560	90,225	91,697
Gen.2x1.CC.1.3	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.3.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.4	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.4.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.5	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.5.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.6	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.6.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.7	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.7.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HEAT	DSM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hines.CC.1	Steam-CC	42,804	50,443	58,119	53,405	54,325	57,152	67,454	87,039	100,907	106,985	119,946	126,225	142,527	142,310	121,816	128,084	134,770	154,453	160,784	179,208	187,574	186,237	177,674	160,226	144,353	171,704	175,582	190,630	204,858	195,404	210,167	204,182	222,411	229,554	212,352
Hines.CC.2	Steam-CC	39,570	44,419	50,621	51,432	49,084	51,730	66,912	81,954	96,099	101,153	105,168	133,154	137,953	138,591	128,646	118,970	129,065	142,166	146,388	157,962	154,756	177,769	146,023	139,796	144,467	152,212	167,989	173,519	181,475	181,956	175,393	204,671	200,648	204,918	207,549
Hines.CC.3	Steam-CC	44,568	47,396	51,034	54,472	55,479	61,593	70,259	87,008	102,223	112,189	128,096	129,940	147,238	148,465	142,351	137,519	138,412	158,464	165,740	176,444	185,330	183,735	172,259	160,997	156,672	183,769	193,606	207,119	221,420	218,997	230,695	213,063	243,576	241,256	254,300
Hines.CC.4	Steam-CC	64,953	56,757	70,888	72,130	70,370	96,145	101,554	114,340	141,889	149,741	145,888	160,738	182,703	184,461	167,876	165,944	178,544	198,573	209,821	213,029	214,254	241,265	206,037	189,111	211,774	214,773	211,048	217,767	248,078	248,778	232,016	243,373	273,633	281,578	269,176
INT.CITY.1	CT	154	220	196	113	620	451	944	1,501	1,384	1,605	1,528	1,553	1,248	1,382	255	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.10	CT	214	200	186	99	738	599	1,586	1,586	1,815	1,958	2,068	1,555	1,815	1,951	1,199	2,022	2,584	388	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.11	CT	589	623	540	238	2,028	1,720	2,713	3,547	3,459	4,525	4,067	4,147	2,918	3,731	2,862	2,925	4,951	5,579	4,141	5,480	3,999	5,469	3,553	6,067	701	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.12	CT	556	555	518	527	2,120	1,686	2,316	3,754	3,940	3,932	4,268	4,640	3,785	4,207	3,044	3,023	3,777	4,531	2,567	3,287	2,285	3,033	2,997	3,956	2,547	462	0	0	0	0	0	0	0	0	0	0
INT.CITY.13	CT	674	647	662	616	2,294	1,551	2,514	4,042	4,031	4,213	4,516	4,567	4,310	4,509	3,117	3,281	4,022	4,715	2,879	3,575	2,547	3,499	3,422	4,635	3,315	422	0	0	0	0	0	0	0	0	0	0
INT.CITY.14	CT	481	489	449	187	1,873	1,543	2,037	3,429	3,596	3,676	4,005	3,726	2,843	2,550	1,289	1,980	3,980	2,166	2,665	2,650	2,047	2,690	2,087	3,322	2,235	235	0	0	0	0	0	0	0	0	0	0
INT.CITY.2	CT	41	98	61	20	172

CONFIDENTIAL

Fuel Rate ($/MMBtu)

\\s00233\grpdata\PEF Resource Planning\2020\2020-03 Clean Energy Connection\Prosym\050520\CEC_0MW_HF.mdb

Station	Unit Type	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054
AC	DSM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Anclote.1	Steam-Gas	2.46	2.54	2.87	3.36	3.91	4.29	4.71	5.19	5.76	6.19	6.53	6.99	7.32	7.26	7.73	8.06	8.16	8.83	9.34	9.45	10.05	10.50	10.73	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Anclote.2	Steam-Gas	2.49	2.52	2.87	3.32	3.90	4.39	4.72	5.19	5.76	6.17	6.54	7.01	7.32	7.29	7.73	8.07	8.15	8.83	9.33	9.46	10.06	10.51	10.73	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
As.Avail	Cogen	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
As.Avail.PCS	Renewable	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVON.PK_P.1	CT	2.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVON.PK_P.2	CT	14.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Bartow CC.1.0	Steam-CC	2.48	2.54	2.84	3.29	3.91	4.27	4.72	5.18	5.76	6.20	6.52	6.99	7.33	7.29	7.72	8.07	8.17	8.85	9.36	9.49	10.08	10.54	10.97	11.39	11.59	12.22	12.85	13.32	13.88	14.14	14.47	14.83	15.20	15.58	15.96
Bartow CC.1.PAG	Steam-CC	2.42	2.45	2.83	3.33	3.92	4.30	4.79	5.24	5.78	6.21	6.60	7.04	7.36	7.30	7.64	8.04	8.14	8.81	9.35	9.47	10.00	10.47	10.91	11.29	11.45	12.08	12.77	13.27	13.68	14.27	14.51	14.89	15.28	15.70	16.00
BARTOW_P.1	CT	14.16	13.88	14.05	14.31	14.57	14.93	15.51	16.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BARTOW_P.2	CT	2.45	2.54	2.86	3.33	3.90	4.33	4.78	5.24	5.79	6.17	6.66	7.11	7.31	7.31	7.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BARTOW_P.3	CT	14.16	13.80	14.06	14.31	14.57	14.94	15.51	16.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BARTOW_P.4	CT	2.42	2.52	2.91	3.36	3.90	4.33	4.77	5.27	5.80	6.17	6.65	7.11	7.32	7.30	7.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Battery Cape San Blas	Storage	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Battery Jennings	Storage	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Battery Micanopy	Storage	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Battery Trenton	Storage	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BAYBORO_P.1	CT	13.92	13.96	14.12	14.30	14.58	14.93	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BAYBORO_P.2	CT	14.11	13.81	14.11	14.34	14.58	14.92	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BAYBORO_P.3	CT	14.02	13.97	14.13	14.29	14.58	14.93	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BAYBORO_P.4	CT	13.95	13.89	14.14	14.29	14.58	14.93	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Citrus.CC.1	Steam-CC	2.44	2.49	2.79	3.20	3.82	4.19	4.63	5.09	5.67	6.13	6.44	6.89	7.22	7.17	7.63	7.99	8.09	8.75	9.27	9.39	9.98	10.44	10.90	11.28	11.47	12.10	12.74	13.22	13.75	14.05	14.39	14.75	15.11	15.48	15.86
Citrus.CC.1.Duct	Steam-CC	2.36	2.39	2.75	3.20	3.81	4.17	4.64	5.11	5.68	6.08	6.53	6.97	7.22	7.20	7.63	7.98	8.08	8.77	9.26	9.35	9.98	10.45	10.92	11.29	11.49	12.12	12.76	13.22	13.79	14.02	14.37	14.72	15.10	15.46	15.84
Citrus.CC.2	Steam-CC	2.44	2.50	2.78	3.22	3.81	4.19	4.63	5.09	5.67	6.13	6.44	6.89	7.22	7.17	7.64	7.99	8.09	8.75	9.27	9.40	9.98	10.44	10.90	11.28	11.47	12.09	12.74	13.21	13.75	14.04	14.39	14.74	15.10	15.47	15.85
Citrus.CC.2.Duct	Steam-CC	2.35	2.39	2.74	3.20	3.83	4.17	4.64	5.12	5.69	6.08	6.54	6.97	7.22	7.20	7.62	7.98	8.06	8.77	9.25	9.33	9.97	10.45	10.91	11.30	11.48	12.13	12.75	13.24	13.81	13.98	14.35	14.70	15.05	15.42	15.81
Crystal.4	Steam-Coal	2.12	2.18	2.26	2.43	2.53	2.75	2.93	3.16	3.40	3.51	3.65	4.04	4.18	4.33	4.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Crystal.5	Steam-Coal	2.12	2.18	2.26	2.43	2.53	2.75	2.93	3.16	3.40	3.51	3.65	4.04	4.18	4.33	4.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Dade.County	Renewable	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.10	CT	14.23	14.17	14.38	14.53	14.83	15.19	15.77	16.42	17.18	17.87	18.32	18.72	19.14	19.58	20.03	20.48	20.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.2	CT	14.34	14.12	14.30	14.54	14.82	15.19	15.77	16.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.3	CT	14.33	14.10	14.34	14.52	14.83	15.18	15.77	16.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.4	CT	14.29	14.04	14.36	14.52	14.83	15.19	15.77	16.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.5	CT	14.38	14.04	14.31	14.56	14.83	15.18	15.77	16.43	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.6	CT	14.39	14.13	14.37	14.53	14.83	15.19	15.77	16.44	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.7	CT	2.43	2.53	2.86	3.35	3.89	4.31	4.78	5.25	5.78	6.17	6.64	7.10	7.31	7.31	7.70	8.09	7.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.8	CT	2.46	2.52	2.86	3.36	3.90	4.33	4.78	5.25	5.78	6.17	6.66	7.09	7.31	7.30	7.70	8.09	7.92	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.9	CT	2.45	2.52	2.86	3.34	3.89	4.31	4.77	5.25	5.76	6.17	6.65	7.08	7.32	7.31	7.70	8.09	7.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EconPurch	TranEcon-Purc	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EconSale	TranEcon-Sale	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.1	CT	0.00	0.00	0.00	0.00	0.00	0.00	5.27	5.77	6.17	6.60	7.03	7.31	7.30	7.72	8.06	8.16	8.84	9.33	9.44	10.06	10.51	10.95	11.37	11.58	12.22	12.85	13.30	13.89	14.02	14.36	14.74	15.10	15.47	15.86
Gen.190MW.CT.10	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.39	9.46	10.08	10.52	11.02	11.44	11.63	12.28	12.87	13.31	13.95	14.02	14.37	14.71	15.09	15.49	15.85
Gen.190MW.CT.11	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.39	9.47	10.08	10.54	11.03	11.44	11.63	12.29	12.90	13.32	13.97	14.02	14.37	14.73	15.10	15.49	15.86
Gen.190MW.CT.12	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.39	9.49	10.10	10.54	11.04	11.44	11.63	12.29	12.90	13.33	13.98	14.02	14.37	14.73	15.10	15.49	15.87
Gen.190MW.CT.13	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.14	10.55	11.07	11.45	11.64	12.29	12.91	13.34	13.99	14.02	14.38	14.74	15.10	15.50	15.89
Gen.190MW.CT.14	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.62	12.31	12.92	13.35	14.01	14.02	14.38	14.74	15.12	15.49	15.87
Gen.190MW.CT.15	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.70	12.30	12.92	13.34	14.01	14.02	14.39	14.76	15.14	15.50	15.87
Gen.190MW.CT.16	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.31	12.93	13.34	14.03	14.01	14.38	14.75	15.15	15.50	15.88
Gen.190MW.CT.17	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.18	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.19	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.2	CT	0.00	0.00	0.00	0.00	0.00	0.00	5.27	5.77	6.17	6.60	7.04	7.31	7.29	7.72	8.05	8.16	8.84	9.33	9.44	10.06	10.51	10.95	11.38	11.59	12.23	12.85	13.30	13.90	14.03	14.36	14.73	15.10	15.47	15.86
Gen.190MW.CT.20	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.21	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.3	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.84	6.17	6.61	7.04	7.32	7.30	7.72	8.06	8.16	8.85	9.33	9.44	10.06	10.51	10.95	11.38	11.59	12.23	12.85	13.30	13.90	14.02	14.36	14.73	15.10	15.46	15.85
Gen.190MW.CT.4	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.68	7.04	7.32	7.31	7.72	8.06	8.15	8.85	9.33	9.44	10.06	10.51	10.96	11.38	11.59	12.23	12.85	13.29	13.91	14.01	14.36	14.72	15.10	15.47	15.84
Gen.190MW.CT.5	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.03	7.35	7.31	7.72	8.06	8.16	8.85	9.34	9.44	10.07	10.51	10.97	11.39	11.60	12.25	12.86	13.30	13.92	14.00	14.36	14.72	15.10	15.45	15.84
Gen.190MW.CT.6	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.78	8.07	8.16	8.86	9.34	9.43	10.07	10.51	10.97	11.40	11.60	12.23	12.86	13.29	13.92	14.01	14.36	14.72	15.10	15.47	15.84
Gen.190MW.CT.7	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.77	8.08	8.16	8.85	9.34	9.44	10.07	10.52	10.98	11.40	11.61	12.26	12.86	13.30	13.92	14.01	14.37	14.71	15.09	15.47	15.84
Gen.190MW.CT.8	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.77	8.10	8.17	8.86	9.36	9.45	10.08	10.52	10.99	11.42	11.62	12.27	12.87	13.31	13.93	14.01	14.36	14.71	15.09	15.47	15.84
Gen.190MW.CT.9	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.77	8.10	8.17	8.86	9.35	9.45	10.08	10.53	10.99	11.43	11.62	12.27	12.87	13.33	13.93	14.00	14.37	14.71	15.09	15.47	15.84
Gen.2x1.CC.1.1	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.84	8.08	8.19	8.85	9.37	9.50	10.07	10.53	10.98	11.38	11.58	12.21	12.85	13.31	13.83	14.17	14.50	14.86	15.23	15.61	16.00
Gen.2x1.CC.1.1.Duct	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.81	8.08	8.18	8.87	9.36	9.48	10.09	10.54	11.04	11.41	11.62	12.24	12.88	13.34	13.89	14.10	14.44	14.80	15.15	15.54	15.94
Gen.2x1.CC.1.2	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.32	11.38	11.58	12.21	12.85	13.31	13.83	14.18	14.51	14.87	15.24	15.62	16.01	16.41
Gen.2x1.CC.1.2.Duct	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.14	11.40	11.62	12.25	12.89	13.34	13.92	14.08	14.43	14.80	15.14	15.52	15.91	16.31	16.71
Gen.2x1.CC.1.3	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.2x1.CC.1.3.Duct	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.2x1.CC.1.4	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.2x1.CC.1.4.Duct	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.2x1.CC.1.5	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

CONFIDENTIAL

Heat Rate (MMBtu/MWh)

\\s00233\grpdata\PEF Resource Planning\2020\2020-03 Clean Energy Connection\Prosym\050520\CEC_0MW_HF.mdb

Station	Unit Type	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054
AC	DSM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Anclote.1	Steam-Gas	12.46	12.43	12.50	12.48	12.46	12.46	12.40	12.40	12.37	12.40	12.42	12.44	12.45	12.46	12.47	12.49	12.47	12.45	12.45	12.47	12.47	12.46	12.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Anclote.2	Steam-Gas	13.78	13.70	13.77	13.72	13.67	13.69	13.73	13.65	13.58	13.67	13.68	13.67	13.66	13.73	13.82	13.88	13.81	13.79	13.80	13.85	13.84	13.79	13.72	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
As.Avail	Cogen	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
As.Avail.PCS	Renewable	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVON.PK_P.1	CT	36.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVON.PK_P.2	CT	36.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Bartow CC.1.0	Steam-CC	7.00	7.00	6.98	6.97	7.02	6.98	6.98	6.99	6.99	6.99	6.99	6.99	7.00	7.00	7.00	7.03	7.04	7.04	7.04	7.03	7.04	7.03	7.04	7.09	7.08	7.08	7.08	7.08	7.07	7.08	7.08	7.07	7.08	7.08	7.08
Bartow CC.1.PAG	Steam-CC	8.96	8.75	9.10	9.07	9.11	9.05	9.09	9.09	9.09	9.09	9.00	8.98	9.06	8.98	8.74	8.62	8.68	8.74	8.62	8.63	8.58	8.60	8.66	8.64	8.61	8.59	8.59	8.63	8.62	8.63	8.62	8.60	8.62	8.63	8.61
BARTOW_P.1	CT	17.56	16.62	17.57	17.67	17.54	17.22	17.55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BARTOW_P.2	CT	14.45	14.34	14.83	14.67	15.03	15.08	14.86	15.29	14.99	15.10	15.41	15.50	15.10	15.37	14.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BARTOW_P.3	CT	17.64	16.59	17.65	17.60	17.65	17.64	17.14	17.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BARTOW_P.4	CT	14.34	14.12	15.60	14.67	15.19	14.95	15.24	15.18	14.97	15.41	15.97	15.53	15.94	14.76	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Battery Cape San Blas	Storage	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Battery Jennings	Storage	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Battery Micanopy	Storage	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Battery Trenton	Storage	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BAYBORO_P.1	CT	14.63	14.61	14.78	14.71	14.64	14.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BAYBORO_P.2	CT	18.50	15.58	16.44	18.50	17.00	16.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BAYBORO_P.3	CT	14.63	14.61	14.63	14.73	14.64	14.63	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BAYBORO_P.4	CT	14.63	14.53	14.63	14.63	14.63	14.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Citrus.CC.1	Steam-CC	6.48	6.48	6.48	6.48	6.48	6.48	6.48	6.48	6.48	6.48	6.48	6.48	6.48	6.48	6.49	6.51	6.51	6.51	6.51	6.50	6.51	6.51	6.52	6.55	6.54	6.55	6.53	6.53	6.53	6.53	6.53	6.53	6.52	6.53	
Citrus.CC.1.Duct	Steam-CC	7.36	7.36	7.32	7.29	7.32	7.29	7.31	7.32	7.31	7.29	7.33	7.33	7.33	7.35	7.44	7.48	7.50	7.48	7.50	7.54	7.54	7.57	7.59	7.64	7.65	7.61	7.64	7.64	7.61	7.62	7.66	7.63	7.65	7.64	7.68
Citrus.CC.2	Steam-CC	6.49	6.49	6.49	6.49	6.49	6.49	6.49	6.49	6.49	6.49	6.49	6.49	6.49	6.49	6.49	6.49	6.49	6.49	6.49	6.49	6.49	6.49	6.49	6.52	6.52	6.52	6.53	6.53	6.53	6.53	6.53	6.53	6.52	6.53	6.53
Citrus.CC.2.Duct	Steam-CC	7.31	7.30	7.25	7.26	7.25	7.25	7.25	7.28	7.31	7.25	7.28	7.30	7.28	7.32	7.35	7.39	7.38	7.37	7.37	7.43	7.42	7.43	7.55	7.55	7.57	7.54	7.55	7.54	7.51	7.52	7.56	7.56	7.51	7.54	7.58
Crystal.4	Steam-Coal	11.07	10.99	10.87	10.42	10.15	10.38	10.53	10.65	10.62	10.78	10.72	10.95	10.97	11.11	11.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Crystal.5	Steam-Coal	10.89	10.83	10.66	10.28	10.07	10.25	10.43	10.50	10.52	10.64	10.65	10.81	10.89	10.95	11.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Dade.County	Renewable	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.10	CT	14.66	14.51	14.68	14.75	14.64	14.64	14.58	14.64	14.63	14.56	14.64	14.62	14.56	14.53	14.64	14.63	14.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.2	CT	16.85	16.86	16.97	17.12	16.88	16.85	16.91	17.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.3	CT	16.96	16.35	17.04	17.03	16.85	16.85	16.58	17.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.4	CT	16.98	16.18	17.00	16.86	16.88	16.91	16.55	17.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.5	CT	17.00	16.09	17.05	17.04	16.88	16.90	16.45	17.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.6	CT	16.97	16.20	16.92	17.09	16.88	16.85	16.56	17.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.7	CT	13.67	13.44	14.08	14.02	14.03	13.99	14.05	14.18	14.00	14.11	14.14	14.18	14.19	14.25	14.36	14.39	14.43	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.8	CT	13.60	13.36	13.91	13.84	13.94	13.92	13.93	14.06	13.86	14.00	14.12	14.14	14.02	14.24	14.28	14.46	14.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.9	CT	13.67	13.55	14.00	14.18	14.02	14.03	14.09	14.21	14.12	14.11	14.23	14.24	14.18	14.29	14.39	14.51	14.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EconPurch	TranEcon-Purc	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EconSale	TranEcon-Sale	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.1	CT	0.00	0.00	0.00	0.00	0.00	0.00	11.36	11.14	11.04	11.06	10.82	10.72	10.54	11.40	11.78	11.70	11.63	11.72	11.64	11.67	11.61	12.42	12.73	12.70	12.66	12.63	12.62	12.63	12.57	12.56	12.58	12.53	12.57	12.58	
Gen.190MW.CT.10	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.70	12.64	12.48	12.33	13.60	13.58	13.58	13.66	13.58	13.38	13.43	13.45	13.35	13.28	13.37	13.55	13.42	
Gen.190MW.CT.11	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.86	12.81	12.59	12.50	13.82	13.80	13.56	13.79	13.62	13.48	13.52	13.51	13.42	13.39	13.43	13.56	13.44	
Gen.190MW.CT.12	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.00	12.92	12.80	12.68	13.68	13.61	13.69	13.81	13.77	13.52	13.74	13.62	13.53	13.54	13.69	13.83	13.59	
Gen.190MW.CT.13	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.00	12.77	13.66	13.63	13.73	13.88	13.65	13.65	13.82	13.74	13.70	13.59	13.74	13.87	13.69	
Gen.190MW.CT.14	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.76	13.92	13.82	13.73	13.82	13.77	13.60	13.62	13.80	13.88	13.63	
Gen.190MW.CT.15	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.81	13.90	13.79	13.67	13.92	13.82	13.58	13.72	13.87	13.91	13.69	
Gen.190MW.CT.16	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.86	13.77	13.68	13.91	13.79	13.53	13.55	13.85	13.85	13.61	
Gen.190MW.CT.17	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Gen.190MW.CT.18	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Gen.190MW.CT.19	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Gen.190MW.CT.2	CT	0.00	0.00	0.00	0.00	0.00	0.00	11.51	11.18	11.10	11.11	10.88	10.74	10.56	11.45	11.79	11.74	11.67	11.75	11.67	11.69	11.65	12.55	12.80	12.75	12.78	12.69	12.70	12.70	12.68	12.68	12.64	12.60	12.67	12.62	
Gen.190MW.CT.20	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Gen.190MW.CT.21	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Gen.190MW.CT.3	CT	0.00	0.00	0.00	0.00	0.00	0.00	11.50	11.16	11.14	10.94	10.74	10.56	11.50	11.86	11.77	11.72	11.77	11.72	11.74	11.68	12.69	12.97	12.88	12.89	12.84	12.81	12.77	12.81	12.74	12.70	12.69	12.79	12.71		
Gen.190MW.CT.4	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.43	11.00	10.75	10.58	11.65	11.95	11.83	11.81	11.87	11.76	11.79	11.70	12.86	13.08	12.97	12.99	12.95	12.86	12.90	12.87	12.86	12.79	12.80	12.89	12.79		
Gen.190MW.CT.5	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.84	10.59	11.78	12.07	11.99	11.91	11.93	11.82	11.86	11.76	12.98	13.20	13.08	13.14	13.14	12.95	12.99	12.99	12.99	12.92	12.89	13.04	12.89		
Gen.190MW.CT.6	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.36	12.21	12.08	12.02	12.05	11.92	11.93	11.87	13.11	13.32	13.19	13.29	13.24	13.03	13.05	13.08	13.05	13.00	12.98	13.12	12.99		
Gen.190MW.CT.7	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.51	12.44	12.31	12.23	12.17	12.06	11.98	11.96	13.26	13.32	13.32	13.41	13.37	13.13	13.14	13.17	13.13	13.14	13.10	13.27	13.14		
Gen.190MW.CT.8	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.83	12.71	12.58	12.45	12.36	12.22	12.17	12.04	13.42	13.44	13.46	13.51	13.42	13.20	13.30	13.28	13.33	13.14	13.24	13.37	13.31		
Gen.190MW.CT.9	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.98	12.82	12.74	12.64	12.56	12.43	12.30	12.18	13.54	13.61	13.44	13.26	13.36	13.22	13.31	13.47	13.42						
Gen.2x1.CC.1	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.38	6.36	6.36	6.36	6.36	6.36	6.36	6.36	6.38	6.38	6.38	6.38	6.38	6.38	6.38	6.37	6.37	6.37	6.37				
Gen.2x1.CC.1.Duct	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.45	8.46	8.46	8.47	8.46	8.48	8.47	8.47	8.47	8.48	8.47	8.47	8.47	8.48	8.48	8.48	8.47	8.47	8.47				
Gen.2x1.CC.1.2	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.38	6.36	6.36	6.36	6.36	6.36	6.36	6.36	6.36	6.36	6.36				
Gen.2x1.CC.2.2.Duct	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.45	8.46	8.47	8.46	8.47	8.47	8.47	8.47	8.47	8.47	8.47				
Gen.2x1.CC.1.3	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
Gen.2x1.CC.3.Duct	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
Gen.2x1.CC.4	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
Gen.2x1.CC.4.Duct	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
Gen.2x1.CC.1.5	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
Gen.2x1.CC.1.5.Duct	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0

CONFIDENTIAL

Start Cost ($000)

\\s00233\grpdata\PEF Resource Planning\2020\2020-03 Clean Energy Connection\Prosym\05052020\CEC_0MW_HF.mdb

Station	Unit Type	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054
AC	DSM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anclote.1	Steam-Gas	203	360	357	350	259	353	370	459	442	523	457	683	617	646	500	635	712	835	635	834	858	886	538	0	0	0	0	0	0	0	0	0	0	0	0
Anclote.2	Steam-Gas	141	209	351	482	335	449	458	424	597	520	489	642	727	727	891	766	938	868	1,264	867	1,306	1,218	688	0	0	0	0	0	0	0	0	0	0	0	0
As.Avail	Cogen	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
As.Avail.PCS	Renewable	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AVON.PK_P.1	CT	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AVON.PK_P.2	CT	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bartow CC.1.0	Steam-CC	53	47	65	38	183	59	66	72	120	65	118	79	109	140	81	92	86	139	122	149	106	165	173	578	605	530	594	656	597	781	617	595	612	516	723
Bartow CC.1.PAG	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BARTOW_P.1	CT	5	10	5	3	25	20	56	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BARTOW_P.2	CT	26	22	31	17	118	56	104	178	184	174	178	201	179	166	24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BARTOW_P.3	CT	10	6	6	5	25	16	50	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BARTOW_P.4	CT	29	26	25	27	110	79	121	140	148	171	173	175	169	190	81	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Battery Cape San Blas	Storage	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Battery Jennings	Storage	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Battery Micanopy	Storage	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Battery Trenton	Storage	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BAYBORO_P.1	CT	7	5	7	5	23	19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BAYBORO_P.2	CT	0	1	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BAYBORO_P.3	CT	4	6	5	5	20	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BAYBORO_P.4	CT	5	4	5	3	23	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus.CC.1	Steam-CC	100	85	92	114	64	105	84	134	191	103	153	163	121	131	211	134	136	291	233	249	167	258	258	222	209	303	214	221	345	355	261	370	254	260	418
Citrus.CC.1.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus.CC.2	Steam-CC	58	61	69	110	128	141	84	92	143	120	126	220	121	141	189	145	279	232	168	235	247	189	291	189	192	303	214	239	382	255	283	511	274	303	289
Citrus.CC.2.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Crystal.4	Steam-Coal	825	803	769	495	291	713	828	862	1,132	1,125	1,210	1,120	1,251	1,000	776	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Crystal.5	Steam-Coal	751	790	568	403	294	349	443	775	793	628	696	684	1,042	1,173	716	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dade.County	Renewable	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.10	CT	27	28	38	13	94	68	129	179	184	206	222	271	199	212	183	186	22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.2	CT	10	10	10	12	46	23	55	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.3	CT	16	16	14	9	56	48	86	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.4	CT	13	11	11	9	54	41	85	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.5	CT	11	10	16	12	47	31	61	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.6	CT	12	15	21	9	66	48	90	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.7	CT	118	49	97	76	267	226	287	459	507	468	454	498	499	490	376	422	53	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.8	CT	63	50	46	56	220	161	231	372	360	389	376	418	373	390	263	280	35	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.9	CT	112	93	78	78	299	268	360	502	502	489	478	544	524	537	419	464	61	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EconPurch	TranEcon-Purc	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EconSale	TranEcon-Sale	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.1	CT	0	0	0	0	0	0	1,962	2,817	2,462	3,122	3,590	3,499	3,716	3,922	4,489	4,897	5,136	5,230	5,846	5,902	5,934	6,543	6,153	6,691	6,889	7,633	6,979	8,210	7,670	7,912	8,163	7,448	7,831	8,132
Gen.190MW.CT.10	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,002	3,236	2,943	3,206	3,230	2,808	3,270	3,604	3,792	3,835	4,055	4,060	4,378	4,537	4,517	4,450	4,350
Gen.190MW.CT.11	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,884	2,660	2,594	2,953	2,848	2,866	3,156	3,441	3,575	3,800	3,829	4,124	4,196	4,197	4,123	4,197	4,197
Gen.190MW.CT.12	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,576	2,323	2,336	2,659	2,547	2,455	2,607	3,110	3,296	3,031	3,411	3,487	3,335	3,511	3,999	3,632	3,615
Gen.190MW.CT.13	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,631	2,131	1,944	2,038	2,296	2,600	3,093	2,938	2,995	2,955	3,122	3,411	3,499	3,439	3,442
Gen.190MW.CT.14	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,694	2,185	2,545	2,653	2,660	2,674	3,006	3,181	3,166	3,097	2,956
Gen.190MW.CT.15	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,351	1,869	2,272	2,138	2,378	2,302	2,419	2,465	2,608	2,730	2,729
Gen.190MW.CT.16	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,305	1,730	1,705	2,015	2,036	2,236	2,258	2,243	2,557	2,353
Gen.190MW.CT.17	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.18	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.19	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.2	CT	0	0	0	0	0	0	1,730	2,659	2,273	2,757	3,086	3,252	3,386	3,604	4,266	4,429	4,665	4,972	5,813	5,445	5,611	6,013	5,336	6,146	6,503	7,360	6,716	7,683	7,557	7,553	7,846	7,272	7,731	7,557
Gen.190MW.CT.20	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.21	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.3	CT	0	0	0	0	0	0	0	1,744	1,984	2,612	2,871	2,734	3,100	3,386	3,870	4,070	4,491	4,708	5,441	5,196	5,575	5,440	5,214	5,624	5,933	6,552	6,490	7,517	6,877	6,902	7,178	6,623	7,251	7,297
Gen.190MW.CT.4	CT	0	0	0	0	0	0	0	0	1,876	2,431	2,581	2,756	3,128	3,682	3,680	4,261	4,175	5,038	4,936	5,115	4,985	4,926	5,326	5,466	5,622	5,955	6,836	6,195	6,311	6,902	6,388	6,635	6,933
Gen.190MW.CT.5	CT	0	0	0	0	0	0	0	0	0	0	1,785	2,484	2,812	3,398	3,332	3,777	3,955	4,793	4,491	4,933	4,647	4,720	4,884	5,160	5,223	5,646	6,121	5,705	6,049	6,254	6,273	6,329	6,161
Gen.190MW.CT.6	CT	0	0	0	0	0	0	0	0	0	0	0	0	2,192	3,152	3,153	3,491	3,642	4,483	3,895	4,559	4,461	4,104	4,378	4,985	4,969	5,285	5,811	5,330	5,552	5,825	5,590	5,842	5,892
Gen.190MW.CT.7	CT	0	0	0	0	0	0	0	0	0	0	0	0	2,069	2,815	2,955	3,298	3,320	4,035	3,779	4,268	4,113	4,083	4,006	4,587	4,469	4,889	5,248	4,957	5,317	5,418	5,209	5,628	5,736
Gen.190MW.CT.8	CT	0	0	0	0	0	0	0	0	0	0	0	0	1,992	2,505	2,628	2,940	3,015	3,690	3,299	3,950	4,071	3,608	3,632	4,048	4,262	4,570	4,679	4,570	5,129	5,119	5,056	5,375	5,311
Gen.190MW.CT.9	CT	0	0	0	0	0	0	0	0	0	0	0	0	1,742	2,270	2,402	2,580	2,798	3,518	3,157	3,488	3,541	3,305	3,408	3,841	3,989	4,061	4,557	4,245	4,457	5,069	4,713	4,775	4,865
Gen.2x1.CC.1.1	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	35	59	74	60	84	86	96	77	105	102	111	82	87	97	138	95	147	100	103	105	108
Gen.2x1.CC.1.1.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.2	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	60	83	78	109	101	105	101	143	106	109	136	105	144
Gen.2x1.CC.1.2.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.3	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.3.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.4	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.4.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.5	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.5.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.6	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.6.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.7	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.7.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HEAT	DSM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hines.CC.1	Steam-CC	78	103	41	175	485	513	246	203	231	165	245	176	195	271	359	360	532	350	426	390	321	419	740	1,045	1,093	1,288	1,294	1,535	1,309	1,694	1,286	997	1,600	1,159	1,066
Hines.CC.2	Steam-CC	107	138	95	112	336	306	222	179	220	225	158	101	273	154	277	398	193	200	377	314	292	244	516	833	893	721	990	854	1,044	1,061	847	1,104	1,088	1,050	1,183
Hines.CC.3	Steam-CC	148	166	147	291	334	309	417	387	436	413	343	261	438	353	451	645	554	543	647	497	557	788	825	824	898	978	892	902	1,049	1,004	1,047	1,256	1,243	1,211
Hines.CC.4	Steam-CC	16	30	41	37	34	38	41	38	36	39	79	62	69	64	117	55	51	55	59	65	95	126	127	107	115	147	163	208	123	89	191	321	201	149	245
INT.CITY.1	CT	6	5	5	3	14	14	21	32	32	35	42	39	31	33	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.10	CT	83	67	81	77	214	185	228	397	398	385	390	415	321	411	286	294	469	493	71	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.11	CT	102	93	118	47	367	310	591	723	645	799	884	848	664	861	616	641	1,207	1,408	1,080	1,332	1,138	1,403	984	1,370	216	0	0	0	0	0	0	0	0	0	0
INT.CITY.12	CT	165	191	160	146	418	352	456	654	703	619	677	747	640	741	587	599	713	797	529	667	456	579	698	803	575	130	0	0	0	0	0	0	0	0	0
INT.CITY.13	CT	209	220	219	168	433	303	470	693	675	624	677	695	720	742	583	636	720	763	590	713	510	662	807	966	774	122	0	0	0	0	0	0	0	0	0
INT.CITY.14	CT	146	150	151	123	388	326	406	630	564	605	632	653	648	533	502	630	677	450	513	386	498	492	581	501	59	0	0	0	0	0	0	0	0	0	0
INT.CITY.2	CT	1	1	1	1	4	2	3	15	13	18	21	16	12	14	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.3	CT	4	5	3	3	11	9	12	25	33	33	40	37	28	34	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.4	CT	5	5	4	3	18	14	20	30	38	41	42	43	33	41	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.5	CT	2	2	2	1	5	6	5	14	21	22	26	23	18	21	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.6	CT	6	4	5	3	23	18	31	38	44	48	52	50	39	44	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.7	CT	86	47	51	56	211	140	222	341	292	339	371	375	346	364	255	241	370	433	54	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.8	CT	95	94	102	84	216	194	262	390	439	419	426	448	460	443	356	356	474	523	79	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.9	CT	91	73	96	71	243	163	261	429	407	406	411	433	389	430	306	354	461	533	66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INTER	DSM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lake.County	Renewable	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

CONFIDENTIAL

Total Cost ($000)

\\s00233\grpdata\PEF Resource Planning\2020\2020-03 Clean Energy Connection\Prosym\0505202O\CEC_0MW_HF.mdb

Station	Unit Type	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054
AC	DSM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anclote.1	Steam-Gas	9,872	12,014	15,082	15,908	19,607	21,613	29,782	34,545	41,123	44,206	46,883	56,453	53,988	58,990	57,443	63,690	69,882	86,787	77,486	92,215	92,201	101,783	94,651	0	0	0	0	0	0	0	0	0	0	0	0
Anclote.2	Steam-Gas	12,076	14,299	15,384	19,386	19,262	28,413	28,725	33,478	47,504	44,359	54,017	56,336	63,496	60,115	68,670	62,329	75,722	82,619	86,985	85,536	97,767	100,247	89,742	0	0	0	0	0	0	0	0	0	0	0	0
As.Avail	Cogen	36	36	39	44	51	63	75	88	101	114	122	136	146	151	160	167	183	204	221	237	258	278	292	305	318	337	360	377	401	416	432	447	467	484	500
As.Avail.PCS	Renewable	2,137	2,178	2,341	2,611	3,014	3,913	4,797	5,755	6,765	7,531	8,337	9,239	9,985	10,645	11,200	11,868	13,090	14,799	16,208	17,739	19,149	20,781	21,783	23,010	24,209	25,849	27,523	28,946	30,647	31,671	33,510	34,801	36,118	37,521	39,115
AVON.PK_P.1	CT	540	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AVON.PK_P.2	CT	149	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bartow CC.1.0	Steam-CC	137,899	138,927	149,935	157,443	158,175	205,518	233,711	277,444	294,990	149,659	388,715	434,905	447,639	465,838	468,163	460,719	483,996	501,768	586,244	585,644	675,561	711,926	685,521	647,613	678,382	747,105	792,664	822,396	822,638	892,828	940,207	984,315	989,779	1,016,614	1,074,361
Bartow CC.1.PAG	Steam-CC	397	566	237	281	630	618	603	1,015	1,186	1,436	1,760	2,037	1,566	1,799	1,301	1,756	1,860	1,842	2,040	2,207	2,647	3,233	3,226	3,483	3,683	3,483	4,389	4,431	4,755	4,539	5,199	5,916	5,869	5,667	6,171
BARTOW_P.1	CT	45	89	40	18	269	155	421	73	260	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BARTOW_P.2	CT	94	98	118	61	546	274	596	1,088	1,223	1,306	1,172	1,334	1,211	1,056	187	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BARTOW_P.3	CT	80	96	56	31	226	135	419	95	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BARTOW_P.4	CT	127	135	101	117	604	461	751	1,067	1,122	1,334	1,134	1,246	1,227	1,373	277	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Battery Cape San Blas	Storage	48	146	176	237	240	244	249	253	257	261	266	270	240	174	205	266	270	275	280	285	290	295	300	305	310	215	0	0	0	0	0	0	0	0	0
Battery Jennings	Storage	79	241	247	242	230	231	232	234	236	237	239	241	236	225	236	255	260	265	270	275	280	285	290	295	301	208	0	0	0	0	0	0	0	0	0
Battery Micanopy	Storage	79	241	247	242	230	231	232	234	236	237	239	241	236	225	236	255	260	265	270	275	280	285	290	295	301	208	0	0	0	0	0	0	0	0	0
Battery Trenton	Storage	79	241	247	242	230	231	232	234	236	237	239	241	236	225	236	255	260	265	270	275	280	285	290	295	301	208	0	0	0	0	0	0	0	0	0
BAYBORO_P.1	CT	401	367	360	209	1,420	1,117	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BAYBORO_P.2	CT	11	71	22	11	63	48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BAYBORO_P.3	CT	254	347	327	177	1,191	975	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BAYBORO_P.4	CT	331	261	225	128	1,206	655	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus.CC.1	Steam-CC	100,640	105,523	115,767	134,938	173,959	181,552	214,043	242,200	259,876	301,621	323,122	339,634	374,290	380,698	406,494	396,301	421,425	453,685	500,745	506,868	583,184	605,632	595,533	605,620	639,089	654,598	740,203	770,316	776,825	838,865	875,492	887,254	950,038	984,688	1,026,322
Citrus.CC.1.Duct	Steam-CC	5,389	5,804	5,837	6,760	6,079	6,710	7,700	9,318	10,889	12,074	13,003	15,402	16,360	17,679	16,540	17,958	20,083	21,726	24,951	26,567	28,912	29,976	26,132	28,936	31,909	31,960	37,275	38,430	38,790	41,146	45,989	45,788	49,657	49,641	53,958
Citrus.CC.2	Steam-CC	109,721	108,711	102,204	134,054	164,159	180,503	211,796	238,986	257,644	299,274	321,108	338,322	372,254	379,215	410,613	420,684	449,068	477,415	532,959	520,404	618,666	642,115	658,227	648,443	679,514	702,957	748,287	775,365	775,572	838,369	876,981	896,194	948,516	982,559	1,031,840
Citrus.CC.2.Duct	Steam-CC	5,380	5,498	5,926	6,462	5,081	6,308	7,262	8,894	10,677	11,310	12,020	14,962	15,341	16,593	14,939	16,150	16,933	18,817	20,752	22,133	23,940	25,212	20,323	21,498	22,306	23,247	27,094	26,496	26,555	28,182	31,819	33,213	33,867	35,598	37,863
Crystal.4	Steam-Coal	47,303	54,254	50,002	66,474	140,783	126,034	123,498	135,454	138,509	165,922	167,100	194,801	168,887	198,139	63,339	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Crystal.5	Steam-Coal	48,229	48,161	72,820	104,012	100,887	124,272	146,054	130,546	168,159	169,824	197,491	190,299	203,720	184,831	74,586	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dade.County	Renewable	1,788	1,830	1,869	2,141	2,541	3,338	4,033	4,762	5,570	6,378	7,053	7,838	8,594	8,838	9,516	10,041	11,134	12,530	13,811	14,808	16,171	17,500	18,377	19,677	20,569	21,800	23,214	24,508	25,788	26,897	28,259	29,398	30,645	31,646	32,811
DEBARY.10	CT	327	366	359	116	1,049	781	1,483	2,252	2,369	3,012	2,636	3,268	2,567	2,478	2,120	2,031	319	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.2	CT	92	110	88	76	373	197	403	93	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.3	CT	129	199	227	83	478	403	791	210	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.4	CT	110	148	89	63	416	354	745	59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.5	CT	99	137	124	71	994	302	564	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.6	CT	106	167	143	64	504	419	800	78	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.7	CT	418	363	319	159	1,434	1,244	1,803	2,944	3,308	3,488	3,420	3,719	3,419	3,530	2,753	2,865	362	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.8	CT	235	227	207	224	1,097	891	1,442	2,336	2,446	2,765	2,710	2,878	2,639	2,673	1,936	1,842	285	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.9	CT	431	383	355	308	1,559	1,427	2,087	3,237	3,280	3,644	3,677	4,056	3,791	3,858	3,027	3,115	451	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EconPurch	TranEcon-Purc	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EconSale	TranEcon-Sale	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.1	CT	0	0	0	0	0	0	17,901	27,113	26,911	34,948	41,235	45,867	50,304	55,078	59,256	67,146	79,353	83,885	101,360	102,435	116,651	96,977	90,352	99,405	105,059	116,783	121,093	135,756	131,140	143,510	157,665	156,878	154,735	165,998
Gen.190MW.CT.10	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17,702	29,066	28,999	34,838	27,590	27,924	32,034	36,227	41,097	42,612	46,449	44,397	51,275	55,421	55,845	54,324	56,766
Gen.190MW.CT.11	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15,119	24,830	24,374	29,644	23,574	23,860	27,356	30,577	34,634	36,093	39,784	40,485	40,103	42,955	46,866	47,258	50,311
Gen.190MW.CT.12	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11,627	18,207	19,269	24,099	19,166	21,468	23,022	27,006	29,973	31,239	33,298	34,005	36,449	38,971	41,617	38,675	41,587
Gen.190MW.CT.13	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12,492	18,182	14,511	16,901	19,323	21,702	27,151	27,339	28,395	28,351	30,175	35,871	35,567	33,902	36,319
Gen.190MW.CT.14	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13,724	17,105	20,530	22,805	24,100	24,159	28,309	30,983	30,340	29,123	31,241
Gen.190MW.CT.15	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10,464	14,377	17,580	18,795	20,767	19,910	21,556	23,613	25,468	23,615	26,747
Gen.190MW.CT.16	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9,507	13,110	15,094	16,634	16,385	18,802	20,761	20,127	20,574	20,897
Gen.190MW.CT.17	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.18	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.19	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.2	CT	0	0	0	0	0	0	14,385	23,075	22,724	29,874	34,189	39,491	42,971	47,146	53,191	58,236	68,215	73,492	90,512	89,212	104,445	85,047	82,411	89,748	96,099	107,290	106,926	120,070	117,509	127,782	140,197	140,301	140,864	145,955
Gen.190MW.CT.20	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.21	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.3	CT	0	0	0	0	0	0	14,425	18,720	25,521	29,228	33,217	36,707	40,775	45,729	49,613	59,672	64,267	79,522	76,812	92,494	73,331	73,387	77,430	85,481	91,614	96,096	110,593	103,045	112,370	127,126	125,223	129,363	132,459
Gen.190MW.CT.4	CT	0	0	0	0	0	0	0	0	17,319	22,876	28,189	30,769	35,100	40,440	43,161	52,243	55,028	69,918	70,421	78,544	64,060	63,773	68,445	75,586	81,512	86,257	97,307	92,929	101,733	111,992	112,094	114,440	118,023
Gen.190MW.CT.5	CT	0	0	0	0	0	0	0	0	0	0	18,427	23,591	29,021	33,816	37,485	45,057	48,224	61,486	60,896	72,035	56,784	57,381	61,474	67,413	72,588	77,455	85,239	81,371	90,635	99,730	100,959	100,515	101,984
Gen.190MW.CT.6	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	20,832	28,718	33,307	37,502	41,952	53,015	52,350	62,095	49,809	48,511	54,090	60,163	64,711	69,370	77,448	72,539	80,415	87,855	87,933	89,865	93,222
Gen.190MW.CT.7	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	18,410	24,424	27,812	33,379	37,156	45,504	46,353	56,076	44,085	46,182	47,263	54,660	57,695	61,864	68,800	65,365	73,039	76,182	78,607	80,817	84,120
Gen.190MW.CT.8	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	15,345	19,318	22,526	27,301	30,282	39,673	38,809	48,358	38,937	39,421	41,333	47,285	51,518	54,616	57,129	58,403	62,559	69,777	70,650	70,603	72,187
Gen.190MW.CT.9	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	13,973	16,389	19,056	22,620	26,367	33,689	34,096	41,236	32,106	34,856	36,610	41,001	46,442	47,995	52,177	51,362	56,883	63,417	62,285	61,838	63,520
Gen.2x1.CC.1.1	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	317,319	604,124	641,210	704,226	759,354	797,530	860,358	910,425	958,285	981,375	1,022,572	1,081,164	1,138,954	1,185,814	1,250,541	1,292,713	1,346,897	1,402,589	1,459,721	1,502,261	1,552,329
Gen.2x1.CC.1.1.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	34,612	47,808	52,675	59,916	65,078	74,317	77,439	85,904	105,230	120,556	126,827	136,367	149,192	155,961	172,316	168,345	180,799	190,297	187,342	198,694	203,502
Gen.2x1.CC.1.2	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	567,494	1,010,938	1,053,815	1,114,397	1,175,017	1,232,599	1,291,409	1,337,112	1,388,379	1,439,069	1,494,880	1,539,254	1,588,938
Gen.2x1.CC.1.2.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	68,758	94,350	106,408	108,151	120,968	126,314	137,351	134,288	149,884	166,571	158,899	165,115	169,096
Gen.2x1.CC.1.3	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.3.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.4	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.4.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.5	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.5.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.6	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.6.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.7	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.7.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HEAT	DSM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hines.CC.1	Steam-CC	49,646	58,552	66,678	60,350	60,753	67,471	81,737	107,926	127,042	136,892	156,467	166,384	190,739	195,664	168,864	179,279	197,113	229,732	244,276	281,197	298,099	300,967	292,275	267,841	246,648	294,869	302,836	332,099	358,724	347,061	376,779	369,274	406,945	422,710	394,006
Hines.CC.2	Steam-CC	45,408	51,061	57,301	57,565	64,382	60,512	80,556	100,992	120,347	128,864	136,395	174,690	183,916	189,539	177,549	165,967	187,650	210,511	221,658	247,080	245,192	286,284	239,094	232,892	245,881	259,957	288,604	300,556	316,399	321,866	313,445	369,678	366,016	376,812	384,867
Hines.CC.3	Steam-CC	51,603	54,901	58,449	61,493	61,790	72,286	85,076	107,824	128,641	143,583	166,777	170,973	196,954	203,750	197,108	192,564	202,213	235,557	251,801	276,812	294,626	296,758	282,893	268,387	266,750	314,309	332,709	359,097	386,014	387,922	395,344	385,555	444,950	448,195	471,852
Hines.CC.4	Steam-CC	70,566	61,622	76,549	77,166	74,607	108,276	118,366	136,878	173,005	186,031	184,943	206,408	238,333	247,094	226,858	226,533	254,612	288,832	311,923	327,339	333,934	382,587	331,808	309,150	353,825	361,036	356,334	371,203	425,854	432,007	407,797	432,471	490,524	509,041	490,601
INT.CITY.1	CT	167	235	210	120	662	497	942	1,698	1,588	1,863	1,807	1,858	1,512	1,692	315	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.10	CT	297	267	247	264	1,141	787	1,341	2,187	2,323	2,666	2,602	2,989	2,294	2,775	2,068	1,893	3,290	4,058	641	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.11	CT	692	717	658	285	2,397	2,080	3,437	4,509	4,394	5,772	5,420	5,536	4,006	5,187	3,970	4,107	7,234	8,369	6,373	8,492	6,495	8,858	5,912	9,945	1,224	0	0	0	0	0	0	0	0	0	0
INT.CITY.12	CT	721	746	679	673	2,540	2,156	3,035	4,965	5,338	5,350	5,906	6,522	5,445	6,220	4,599	4,627	5,983	7,250	4,285	5,634	3,961	5,317	5,455	7,189	4,786	912	0	0	0	0	0	0	0	0	0
INT.CITY.13	CT	883	868	881	785	2,728	1,962	3,269	5,335	5,416	5,692	6,208	6,378	6,191	6,613	4,689	5,008	6,329	7,475	4,802	6,119	4,417	6,126	6,239	8,452	6,263	836	0	0	0	0	0	0	0	0	0
INT.CITY.14	CT	628	634	641	572	2,397	1,973	3,269	4,540	4,859	4,991	5,391	5,738	5,383	5,501	4,283	3,858	5,219	6,343	3,619	4,539	3,529	4,703	3,768	5,424	4,200	455	0	0	0	0	0	0	0	0	0
INT.CITY.2	CT	43	103	64	22	183	131	265	990	934	1,110	1,039	967	884	886	220	0	0

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Station	Unit Type	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054
AC	DSM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anclote.1	Steam-Gas	548	664	756	703	777	749	912	881	1,062	1,060	1,078	1,218	1,134	1,232	1,140	1,233	1,311	1,516	1,284	1,491	1,415	1,530	498	0	0	0	0	0	0	0	0	0	0	0	0
Anclote.2	Steam-Gas	609	732	702	786	692	902	813	867	1,120	974	1,127	1,107	1,206	1,137	1,238	1,083	1,282	1,302	1,290	1,244	1,345	1,338	519	0	0	0	0	0	0	0	0	0	0	0	0
As.Avail	Cogen	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
As.Avail.PCS	Renewable	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AVON.PK_P.1	CT	78	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AVON.PK_P.2	CT	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bartow CC.1.0	Steam-CC	14,664	14,800	14,822	13,955	12,133	14,078	14,377	15,521	14,963	16,574	17,608	18,610	18,433	19,258	18,564	17,641	17,941	17,299	19,159	18,769	20,573	20,920	19,486	17,773	18,380	19,589	20,153	20,479	20,067	21,567	22,504	23,351	23,247	23,686	24,836
Bartow CC.1.PAG	Steam-CC	35	51	18	19	38	33	28	44	47	53	62	68	50	58	42	55	57	82	55	58	67	79	75	79	83	76	93	91	97	90	103	116	113	108	118
BARTOW_P.1	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BARTOW_P.2	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BARTOW_P.3	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BARTOW_P.4	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Battery Cape San Blas	Storage	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Battery Jennings	Storage	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Battery Micanopy	Storage	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Battery Trenton	Storage	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BAYBORO_P.1	CT	14	13	12	7	51	39	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BAYBORO_P.2	CT	0	2	1	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BAYBORO_P.3	CT	9	10	10	6	43	34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BAYBORO_P.4	CT	12	9	8	5	44	23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus.CC.1	Steam-CC	6,940	7,305	7,380	7,743	8,654	7,931	8,383	8,593	8,325	9,003	9,214	9,150	9,716	9,924	10,104	9,518	9,804	9,801	10,241	10,153	11,102	11,111	10,540	10,397	10,831	10,715	11,768	11,987	11,836	12,643	13,065	13,113	13,919	14,315	14,799
Citrus.CC.1.Duct	Steam-CC	341	371	336	348	270	263	268	293	310	323	326	365	377	407	360	377	407	409	445	462	477	474	398	427	464	451	508	513	508	534	587	581	623	618	664
Citrus.CC.2	Steam-CC	7,560	7,502	6,530	7,649	7,654	7,880	8,290	8,473	8,251	8,929	9,160	9,110	9,661	9,884	10,205	10,129	10,473	10,342	10,933	10,437	11,812	11,814	11,691	11,178	11,558	11,555	11,907	12,072	11,815	12,642	13,090	13,251	13,900	14,285	14,891
Citrus.CC.2.Duct	Steam-CC	344	354	347	333	227	249	255	281	304	305	303	356	356	383	330	344	350	360	376	391	401	406	312	321	328	331	373	358	352	371	412	426	433	450	472
Crystal.4	Steam-Coal	2,258	2,608	2,398	3,204	6,879	4,852	4,098	3,933	3,618	3,992	3,789	3,945	3,242	3,599	1,079	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Crystal.5	Steam-Coal	2,351	2,351	3,599	5,115	4,981	4,868	4,922	3,852	4,459	4,161	4,530	3,919	3,952	3,404	1,288	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dade.County	Renewable	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.10	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.2	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.3	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.4	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.5	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.6	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.7	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.8	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.9	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EconPurch	TranEcon-Purc	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EconSale	TranEcon-Sale	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.1	CT	0	0	0	0	0	0	246	350	333	409	469	517	579	564	568	630	701	700	839	802	891	657	580	631	647	700	718	783	759	826	900	895	869	926	
Gen.190MW.CT.10	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	123	199	193	231	153	154	175	191	214	222	236	223	260	282	279	265	279	
Gen.190MW.CT.11	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	102	149	156	184	137	140	158	177	193	201	199	214	233	244	225	244		
Gen.190MW.CT.12	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	75	116	119	148	101	114	120	136	148	157	160	165	178	189	197	179	197	
Gen.190MW.CT.13	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	75	108	74	87	98	106	134	133	134	134	142	172	166	154	168	
Gen.190MW.CT.14	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	70	81	97	108	111	112	133	145	136	130	144	
Gen.190MW.CT.15	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	52	83	88	93	90	107	113	102	120			
Gen.190MW.CT.16	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	44	58	69	72	71	84	94	87	87	91	
Gen.190MW.CT.17	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Gen.190MW.CT.18	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Gen.190MW.CT.19	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Gen.190MW.CT.2	CT	0	0	0	0	0	0	192	292	276	346	384	440	490	477	506	542	598	607	741	693	792	568	527	566	585	637	626	685	669	725	792	791	780	809	
Gen.190MW.CT.20	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Gen.190MW.CT.21	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Gen.190MW.CT.3	CT	0	0	0	0	0	0	175	223	290	323	369	415	408	430	456	516	526	645	589	694	482	460	481	514	535	554	624	579	632	714	700	709	726		
Gen.190MW.CT.4	CT	0	0	0	0	0	0	0	0	189	248	309	344	343	374	393	444	445	562	536	585	413	393	419	449	473	494	542	519	566	621	618	620	640		
Gen.190MW.CT.5	CT	0	0	0	0	0	0	0	0	0	0	199	282	277	305	335	378	384	488	458	531	360	348	372	393	413	438	470	448	496	546	549	535	547		
Gen.190MW.CT.6	CT	0	0	0	0	0	0	0	0	0	0	0	0	188	252	292	307	328	413	390	450	309	290	323	344	363	388	423	395	436	475	473	474	494		
Gen.190MW.CT.7	CT	0	0	0	0	0	0	0	0	0	0	0	0	159	203	230	261	281	342	336	396	264	269	273	304	315	337	367	347	387	400	412	413	432		
Gen.190MW.CT.8	CT	0	0	0	0	0	0	0	0	0	0	0	0	125	152	177	205	221	292	274	336	226	226	234	259	277	293	297	306	321	365	363	354	362		
Gen.190MW.CT.9	CT	0	0	0	0	0	0	0	0	0	0	0	0	93	124	143	165	186	239	234	280	182	196	204	220	248	255	268	264	294	326	316	306	314		
Gen.2x1.CC.1.1	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8,430	14,830	15,252	15,589	15,927	16,367	16,823	17,169	17,478	17,390	17,870	18,267	18,655	19,022	19,658	20,093	20,736	21,390	22,061	22,518	23,090
Gen.2x1.CC.1.1.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	776	1,039	1,112	1,176	1,214	1,359	1,347	1,442	1,711	1,913	1,985	2,066	2,192	2,246	2,428	2,356	2,506	2,613	2,551	2,682	2,724
Gen.2x1.CC.1.2	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10,250	17,957	18,463	18,877	19,295	19,833	20,359	20,829	21,421	21,986	22,630	23,109	23,672
Gen.2x1.CC.1.2.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,116	1,494	1,661	1,633	1,773	1,815	1,930	1,878	2,075	2,283	2,160	2,226	2,262
Gen.2x1.CC.1.3	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.3.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.4	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.4.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.5	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.5.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.6	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.6.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.7	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.7.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HEAT	DSM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hines.CC.1	Steam-CC	6,678	7,901	8,412	6,683	5,869	5,764	6,348	7,701	8,248	8,315	9,099	9,155	10,137	10,443	8,564	8,742	9,359	10,195	10,271	11,697	11,782	11,466	10,720	9,405	8,506	9,856	9,843	10,566	11,225	10,667	11,521	11,225	12,214	12,604	11,661
Hines.CC.2	Steam-CC	5,584	6,341	6,619	5,877	4,842	4,777	5,736	6,574	7,130	7,129	7,238	8,801	8,922	9,230	8,245	7,422	8,155	8,514	8,496	9,305	8,786	8,905	7,916	7,459	7,764	7,957	8,562	8,743	9,006	8,071	8,778	10,237	10,048	10,249	10,387
Hines.CC.3	Steam-CC	6,739	7,186	7,119	5,595	5,772	6,000	6,346	7,374	8,000	8,368	9,292	9,016	10,020	10,402	9,612	9,082	9,243	10,015	10,152	10,978	11,088	10,784	9,857	9,036	8,860	10,135	10,427	11,043	11,618	11,583	11,684	11,310	12,921	12,901	13,641
Hines.CC.4	Steam-CC	5,520	4,771	5,546	4,934	4,149	5,395	5,280	5,550	6,362	6,376	6,049	6,379	7,100	7,397	6,479	6,249	6,806	7,183	7,352	7,561	7,319	8,098	6,775	6,091	6,889	6,800	6,500	6,629	7,469	7,473	6,984	7,338	8,253	8,499	8,118
INT.CITY.1	CT	5	7	7	4	21	15	29	50	45	52	49	50	41	45	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.10	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.11	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.12	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.13	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.14	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.2	CT	1	3	2	1	6	4	8	29	27	31	28	26	24	24	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.3	CT	4	8	4	3	14	13	17	39	48	48	48	49	41	45	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.4	CT	7	6	4	2	24	18	27	51	58	58	53	60	49	53	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.5	CT	2	4	2	1	7	6	10	28	32	37	34	31	27	29	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.6	CT	10	10	8	5	37	26	41	65	69	73	73	71	58	62	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.7	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.8	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.9	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INTER	DSM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lake.County	Renewable	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

CONFIDENTIAL

VOM Rate ($/MWh)

\\s00233\grpdata\PEF Resource Planning\2020\2020-03 Clean Energy Connection\Prosym\050520\CEC_0MW_HF.mdb

Station	Unit Type	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054
AC	DSM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Anclote.1	Steam-Gas	1.84	1.89	1.94	1.99	2.04	2.09	2.14	2.19	2.25	2.30	2.36	2.42	2.48	2.54	2.61	2.67	2.74	2.81	2.88	2.95	3.02	3.10	3.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Anclote.2	Steam-Gas	1.84	1.89	1.94	1.99	2.04	2.09	2.14	2.19	2.25	2.30	2.36	2.42	2.48	2.54	2.61	2.67	2.74	2.81	2.88	2.95	3.02	3.10	3.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
As.Avail	Cogen	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
As.Avail.PCS	Renewable	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVON.PK_P.1	CT	15.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVON.PK_P.2	CT	15.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Bartow CC.1.0	Steam-CC	2.07	2.12	2.18	2.23	2.29	2.34	2.40	2.46	2.52	2.59	2.65	2.72	2.79	2.86	2.93	3.00	3.08	3.15	3.23	3.31	3.40	3.48	3.57	3.66	3.75	3.84	3.94	4.04	4.14	4.24	4.35	4.45	4.57	4.68	4.80
Bartow CC.1.PAG	Steam-CC	2.07	2.12	2.18	2.23	2.29	2.34	2.40	2.46	2.52	2.59	2.65	2.72	2.79	2.86	2.93	3.00	3.08	3.15	3.23	3.31	3.39	3.48	3.57	3.66	3.75	3.84	3.94	4.04	4.14	4.24	4.35	4.46	4.57	4.68	4.80
BARTOW_P.1	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BARTOW_P.2	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BARTOW_P.3	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BARTOW_P.4	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Battery Cape San Blas	Storage	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Battery Jennings	Storage	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Battery Micanopy	Storage	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Battery Trenton	Storage	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BAYBORO_P.1	CT	7.32	7.50	7.69	7.88	8.08	8.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BAYBORO_P.2	CT	8.50	7.90	8.00	9.25	8.67	8.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BAYBORO_P.3	CT	7.47	7.60	7.85	8.04	8.24	8.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BAYBORO_P.4	CT	7.52	7.70	7.89	8.11	8.32	8.51	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Citrus.CC.1	Steam-CC	1.18	1.21	1.24	1.27	1.30	1.33	1.36	1.40	1.43	1.47	1.51	1.54	1.58	1.62	1.66	1.70	1.75	1.79	1.84	1.88	1.93	1.98	2.03	2.08	2.13	2.18	2.24	2.29	2.35	2.41	2.47	2.53	2.59	2.66	2.72
Citrus.CC.1.Duct	Steam-CC	1.18	1.21	1.24	1.27	1.30	1.33	1.36	1.40	1.43	1.47	1.51	1.54	1.58	1.62	1.66	1.70	1.75	1.79	1.84	1.88	1.93	1.98	2.03	2.08	2.13	2.18	2.24	2.29	2.35	2.41	2.47	2.53	2.59	2.66	2.72
Citrus.CC.2	Steam-CC	1.18	1.21	1.24	1.27	1.30	1.33	1.36	1.40	1.43	1.47	1.51	1.54	1.58	1.62	1.66	1.70	1.75	1.79	1.84	1.88	1.93	1.98	2.03	2.08	2.13	2.18	2.24	2.29	2.35	2.41	2.47	2.53	2.59	2.66	2.72
Citrus.CC.2.Duct	Steam-CC	1.18	1.21	1.24	1.27	1.30	1.33	1.36	1.40	1.43	1.47	1.51	1.54	1.58	1.62	1.66	1.70	1.75	1.79	1.84	1.88	1.93	1.98	2.03	2.08	2.13	2.18	2.24	2.29	2.35	2.41	2.47	2.53	2.59	2.66	2.72
Crystal.4	Steam-Coal	1.25	1.28	1.31	1.35	1.38	1.41	1.45	1.49	1.52	1.56	1.60	1.64	1.68	1.72	1.77	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Crystal.5	Steam-Coal	1.25	1.28	1.31	1.35	1.38	1.41	1.45	1.49	1.52	1.56	1.60	1.64	1.68	1.72	1.77	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Dade.County	Renewable	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.10	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.2	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.3	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.4	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.5	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.6	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.7	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.8	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.9	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EconPurch	TranEcon-Purc	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EconSale	TranEcon-Sale	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.1	CT	0.00	0.00	0.00	0.00	0.00	0.00	1.10	1.12	1.15	1.18	1.21	1.24	1.27	1.30	1.34	1.37	1.40	1.44	1.47	1.51	1.55	1.59	1.63	1.67	1.71	1.75	1.80	1.84	1.89	1.93	1.98	2.03	2.08	2.14
Gen.190MW.CT.10	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.11	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.12	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.13	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.14	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.15	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.16	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.17	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.18	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.19	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.2	CT	0.00	0.00	0.00	0.00	0.00	0.00	1.10	1.12	1.15	1.18	1.21	1.24	1.27	1.30	1.34	1.37	1.40	1.44	1.47	1.51	1.55	1.59	1.63	1.67	1.71	1.75	1.80	1.84	1.89	1.93	1.98	2.03	2.08	2.14
Gen.190MW.CT.20	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.21	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.3	CT	0.00	0.00	0.00	0.00	0.00	0.00	1.12	1.15	1.18	1.21	1.24	1.27	1.30	1.34	1.37	1.40	1.44	1.47	1.51	1.55	1.59	1.63	1.67	1.71	1.75	1.80	1.84	1.89	1.93	1.98	2.03	2.08	2.14	0.00	0.00
Gen.190MW.CT.4	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.18	1.21	1.24	1.27	1.30	1.34	1.37	1.40	1.44	1.47	1.51	1.55	1.59	1.63	1.67	1.71	1.75	1.80	1.84	1.89	1.94	1.98	2.03	2.08	2.14
Gen.190MW.CT.5	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.24	1.27	1.30	1.34	1.37	1.40	1.44	1.47	1.51	1.55	1.59	1.63	1.67	1.71	1.75	1.80	1.84	1.89	1.93	1.98	2.03	2.08	2.14	0.00
Gen.190MW.CT.6	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.30	1.34	1.37	1.40	1.44	1.47	1.51	1.55	1.59	1.63	1.67	1.71	1.75	1.80	1.84	1.89	1.93	1.98	2.03	2.08	2.14	0.00
Gen.190MW.CT.7	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.30	1.34	1.37	1.40	1.44	1.47	1.51	1.55	1.59	1.63	1.67	1.71	1.75	1.80	1.84	1.89	1.93	1.98	2.03	2.08	2.14	0.00
Gen.190MW.CT.8	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.30	1.34	1.37	1.40	1.44	1.47	1.51	1.55	1.59	1.63	1.67	1.71	1.75	1.80	1.84	1.89	1.94	1.98	2.03	2.08	2.14	0.00
Gen.190MW.CT.9	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.30	1.34	1.37	1.40	1.44	1.47	1.51	1.55	1.59	1.63	1.67	1.71	1.75	1.80	1.84	1.89	1.93	1.98	2.03	2.08	2.14	0.00
Gen.2x1.CC.1.1	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.69	1.74	1.78	1.82	1.87	1.92	1.97	2.01	2.06	2.12	2.17	2.22	2.28	2.34	2.39	2.45	2.52	2.58	2.64	2.71	2.78	0.00
Gen.2x1.CC.1.1.Duct	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.03	2.08	2.13	2.18	2.24	2.29	2.35	2.41	2.47	2.53	2.60	2.66	2.73	2.80	2.86	2.94	3.01	3.09	3.16	3.24	3.32	0.00
Gen.2x1.CC.1.2	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.06	2.12	2.17	2.22	2.28	2.34	2.39	2.45	2.52	2.58	2.64	2.71	2.78
Gen.2x1.CC.1.2.Duct	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.47	2.53	2.60	2.66	2.73	2.80	2.86	2.94	3.01	3.09	3.16	3.24	3.32	0.00
Gen.2x1.CC.1.3	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.2x1.CC.1.3.Duct	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.2x1.CC.1.4	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.2x1.CC.1.4.Duct	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.2x1.CC.1.5	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

CONFIDENTIAL

Dispatch Price ($/MWh)

\\s00233\grpdata\PEF Resource Planning\2020\2020-03 Clean Energy Connection\Prosym\050520\CEC_0MW_LF.mdb

Station	Unit Type	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054
AC	DSM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Anclote.1	Steam-Gas	33.25	33.93	35.27	36.53	37.16	42.48	47.40	53.56	59.89	66.72	70.56	75.66	79.73	82.69	91.82	99.21	105.72	116.23	125.73	134.11	143.19	152.08	160.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Anclote.2	Steam-Gas	36.60	36.53	38.61	39.77	41.02	45.32	50.76	57.47	63.79	70.62	75.55	80.18	85.10	88.11	100.80	110.48	117.19	128.73	140.17	148.54	159.29	168.89	177.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
As.Avail	Cogen	20.47	20.63	21.11	21.67	22.98	28.29	33.53	40.41	45.82	52.38	56.43	63.65	66.43	68.81	71.33	73.85	81.52	91.89	99.85	108.20	116.35	126.93	133.92	139.88	146.20	155.64	165.55	173.09	182.14	189.98	197.93	205.01	213.78	223.29	231.27
As.Avail.PCS	Renewable	20.50	20.83	21.20	21.70	22.73	29.93	37.16	45.48	53.59	60.01	66.92	74.64	79.46	85.57	87.83	92.95	103.52	117.81	129.87	143.84	154.34	168.46	177.14	187.04	198.23	212.20	224.92	236.45	248.90	258.51	273.89	285.09	295.60	308.65	322.38
AVON.PK_P.1	CT	105.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVON.PK_P.2	CT	553.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Bartow CC.1.0	Steam-CC	19.49	19.75	20.37	20.97	22.07	25.28	28.53	32.31	36.26	39.97	42.81	46.36	49.04	50.58	53.21	56.45	60.13	66.14	71.58	75.77	80.85	86.16	91.20	96.29	101.57	107.41	112.84	117.30	121.90	125.91	130.03	134.98	140.25	145.39	150.64
Bartow CC.1.PAG	Steam-CC	23.76	23.42	24.91	25.66	27.54	31.92	36.45	41.38	46.49	51.41	55.27	59.83	63.28	65.33	66.20	70.66	75.83	83.55	89.35	94.53	100.61	105.95	112.52	117.63	124.10	129.76	136.80	142.66	148.02	152.85	158.60	163.22	169.98	176.52	182.22
BARTOW_P.1	CT	280.31	262.18	292.44	298.33	295.92	311.48	324.51	337.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BARTOW_P.2	CT	49.73	46.91	52.27	56.20	53.33	62.40	67.32	76.27	84.31	92.28	102.73	109.32	113.65	119.53	117.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BARTOW_P.3	CT	287.39	246.03	280.85	306.80	289.05	308.60	314.47	355.58	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BARTOW_P.4	CT	45.27	43.46	51.73	51.28	49.88	56.51	62.50	71.42	78.60	87.21	103.91	107.07	111.83	109.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Battery Cape San Blas	Storage	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Battery Jennings	Storage	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Battery Micanopy	Storage	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Battery Trenton	Storage	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BAYBORO_P.1	CT	215.85	215.65	220.22	224.47	226.34	238.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BAYBORO_P.2	CT	283.50	227.55	246.00	286.75	264.04	269.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BAYBORO_P.3	CT	217.38	215.52	220.56	226.21	227.47	236.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BAYBORO_P.4	CT	216.31	213.70	220.36	227.77	227.27	239.92	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Citrus.CC.1	Steam-CC	17.07	17.24	17.72	18.12	18.87	21.81	24.70	28.31	32.00	35.41	38.00	41.17	43.52	44.93	47.55	50.34	53.66	59.19	64.14	68.11	72.73	77.53	82.24	86.39	91.22	96.66	101.52	105.62	109.82	113.47	117.24	121.87	126.49	131.14	135.86
Citrus.CC.1.Duct	Steam-CC	18.57	18.65	19.30	19.70	20.67	24.22	27.75	32.03	36.26	40.05	43.69	47.25	49.62	51.27	54.36	57.64	61.54	67.83	73.46	78.38	83.82	89.57	95.21	100.57	106.42	111.92	118.14	122.82	127.51	131.20	136.59	141.31	147.27	152.52	158.73
Citrus.CC.2	Steam-CC	17.08	17.29	17.65	18.19	18.59	21.82	24.70	28.32	32.00	35.42	38.00	41.20	43.54	44.95	47.56	50.33	53.68	59.19	64.13	68.08	72.51	77.31	81.96	86.06	90.85	96.29	101.16	105.25	109.53	113.11	116.95	121.52	126.13	130.77	135.54
Citrus.CC.2.Duct	Steam-CC	18.43	18.51	18.98	19.56	20.47	24.02	27.52	31.88	36.43	39.65	43.39	46.97	49.22	51.01	53.77	56.94	60.53	66.96	72.41	77.31	82.61	88.20	94.52	99.55	105.50	110.70	116.67	121.17	125.85	129.12	134.83	139.80	144.30	150.20	156.28
Crystal.4	Steam-Coal	26.20	26.68	28.21	30.08	31.56	40.56	47.44	54.41	61.72	68.14	75.08	87.54	95.10	102.03	110.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Crystal.5	Steam-Coal	25.65	26.31	27.65	30.14	31.16	39.69	46.82	53.52	60.98	67.01	74.08	85.84	93.65	100.61	110.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Dade.County	Renewable	20.34	20.73	21.16	21.66	22.31	28.45	36.92	44.24	52.05	60.35	67.16	74.88	81.45	84.59	88.40	93.10	104.51	118.41	130.83	141.92	154.11	167.35	176.80	190.41	199.33	211.72	224.89	237.00	248.25	259.63	273.30	284.94	296.64	308.42	320.23
DEBARY.10	CT	227.35	223.02	235.72	239.13	238.27	252.29	264.10	280.72	297.50	306.74	329.08	336.75	349.16	362.38	374.19	390.41	398.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.2	CT	271.32	262.36	274.72	294.15	288.90	298.74	321.49	337.88	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.3	CT	279.85	254.71	276.17	277.33	287.74	300.53	309.15	333.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.4	CT	275.73	246.85	279.16	285.50	290.63	299.80	312.92	360.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.5	CT	276.08	245.21	281.41	289.86	287.95	295.69	308.96	343.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.6	CT	277.84	253.67	285.54	288.64	284.47	300.10	313.67	334.82	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.7	CT	46.38	42.03	49.24	50.70	49.17	54.35	60.47	69.53	77.47	84.48	91.57	97.51	102.55	106.40	121.96	137.90	140.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.8	CT	45.73	42.41	45.74	50.16	48.27	55.35	60.76	69.74	76.78	85.41	92.60	99.05	103.05	106.57	119.50	138.35	135.78	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.9	CT	45.25	44.47	46.37	50.26	47.84	55.03	61.13	69.87	77.97	84.77	92.16	98.33	102.38	107.40	122.69	138.21	139.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EconPurch	TranEcon-Purc	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EconSale	TranEcon-Sale	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.1	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	52.57	58.87	64.93	69.72	76.09	79.08	82.19	92.57	101.03	106.92	115.97	125.86	131.79	141.04	148.22	172.28	187.41	195.53	205.92	215.65	221.45	232.11	236.78	243.36	252.36	259.21	270.60	280.57
Gen.190MW.CT.10	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	148.96	156.00	162.56	168.41	205.48	208.72	222.12	235.48	244.90	248.71	261.35	269.96	274.40	281.72	294.16	310.23	315.25
Gen.190MW.CT.11	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	154.28	160.96	166.57	173.84	211.88	214.20	228.05	241.48	249.07	256.79	263.57	272.80	286.50	292.23	303.16	316.24	326.24
Gen.190MW.CT.12	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	158.79	165.33	172.96	179.63	213.64	215.95	228.35	244.56	254.95	254.92	271.80	276.51	279.77	290.10	307.35	321.57	323.82
Gen.190MW.CT.13	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	178.55	182.88	214.32	218.00	232.10	249.34	256.13	261.53	276.32	281.39	290.14	294.17	310.87	326.88	329.90
Gen.190MW.CT.14	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	234.75	253.09	265.76	267.86	280.29	285.98	289.72	299.39	315.69	330.93	328.53
Gen.190MW.CT.15	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	239.23	255.78	262.97	265.98	281.29	288.77	292.17	302.32	318.38	336.59	334.68
Gen.190MW.CT.16	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	257.37	268.31	266.76	287.79	294.04	294.63	301.35	321.56	340.66	339.92
Gen.190MW.CT.17	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.18	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.19	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.2	CT	0.00	0.00	0.00	0.00	0.00	0.00	53.19	59.18	65.50	70.21	76.20	79.43	82.73	93.50	101.95	108.07	116.78	126.77	133.43	142.38	149.36	174.83	187.11	196.71	208.64	217.68	224.44	234.58	240.95	247.22	255.29	262.55	274.62	282.54
Gen.190MW.CT.20	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.21	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.3	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	60.00	65.74	70.57	76.43	80.02	82.95	94.57	103.60	108.94	118.64	128.32	134.94	144.15	151.23	177.35	190.27	199.36	211.16	221.42	228.29	237.48	244.38	249.48	256.56	264.11	277.74	285.67
Gen.190MW.CT.4	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	71.14	76.93	80.61	83.44	96.34	105.02	110.09	120.83	130.30	136.26	144.98	152.50	180.95	192.90	202.69	213.27	222.49	229.84	241.01	245.83	251.89	260.54	268.93	281.21	289.06
Gen.190MW.CT.5	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	80.79	84.06	98.26	107.55	112.54	122.49	132.17	137.93	147.10	154.12	184.30	196.44	204.54	217.31	226.79	233.04	243.48	249.07	256.79	263.57	272.80	286.50	292.23
Gen.190MW.CT.6	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	106.03	110.82	114.42	125.68	134.57	140.91	148.31	156.88	188.59	199.07	207.12	222.06	230.00	235.83	245.92	252.40	258.97	266.76	275.54	289.61	295.98
Gen.190MW.CT.7	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	109.30	114.47	118.96	129.29	136.76	143.91	151.11	159.00	192.13	200.33	211.47	224.83	233.28	239.19	248.92	255.88	262.92	272.60	279.77	295.59	302.34
Gen.190MW.CT.8	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	114.75	120.41	123.51	133.00	141.54	146.48	154.70	162.01	198.33	201.85	214.70	227.31	237.25	243.01	255.32	259.37	271.19	275.50	286.58	301.83	309.48
Gen.190MW.CT.9	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	119.07	122.91	127.78	136.92	145.35	152.26	157.91	164.43	202.21	205.28	217.28	232.70	240.16	245.21	259.24	264.28	268.93	278.48	290.38	305.19	313.88
Gen.2x1.CC.1.1	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	48.29	50.36	53.67	59.10	64.02	67.95	72.38	77.11	81.64	85.70	90.53	95.84	100.74	104.75	108.89	112.56	116.27	120.79	125.37	129.98	134.64
Gen.2x1.CC.1.1.Duct	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	63.63	66.79	71.15	78.54	84.92	90.15	96.19	102.51	108.68	113.81	120.21	127.20	133.69	138.98	144.70	149.00	154.03	160.07	165.99	172.14	178.44
Gen.2x1.CC.1.2	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	82.37	85.53	90.32	95.62	100.50	104.46	108.61	112.32	116.04	120.59	125.18	129.78	134.44
Gen.2x1.CC.2.2.Duct	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	108.96	113.62	120.19	127.14	133.66	138.86	144.69	148.73	153.91	160.12	165.93	172.07	178.23
Gen.2x1.CC.3	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.2x1.CC.3.3.Duct	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.2x1.CC.4	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.2x1.CC.4.4.Duct	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.2x1.CC.5	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0

CONFIDENTIAL

Fixed Cost ($000)

\\s00233\grpdata\PEF Resource Planning\2020\2020-03 Clean Energy Connection\Prosym\050S2020\CEC_0MW_LF.mdb

Station	Unit Type	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054
AC	DSM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anclote.1	Steam-Gas	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anclote.2	Steam-Gas	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
As.Avail	Cogen	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
As.Avail.PCS	Renewable	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AVON.PK_P.1	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AVON.PK_P.2	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bartow CC.1.0	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bartow CC.1.PAG	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BARTOW_P.1	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BARTOW_P.2	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BARTOW_P.3	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BARTOW_P.4	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Battery Cape San Blas	Storage	48	146	176	237	240	244	249	253	257	261	266	270	240	174	205	266	270	275	280	285	290	295	300	305	310	215	0	0	0	0	0	0	0	0	0
Battery Jennings	Storage	79	241	247	242	230	231	232	234	236	237	239	241	236	225	236	255	260	265	270	275	280	285	290	295	301	208	0	0	0	0	0	0	0	0	0
Battery Micanopy	Storage	79	241	247	242	230	231	232	234	236	237	239	241	236	225	236	255	260	265	270	275	280	285	290	295	301	208	0	0	0	0	0	0	0	0	0
Battery Trenton	Storage	79	241	247	242	230	231	232	234	236	237	239	241	236	225	236	255	260	265	270	275	280	285	290	295	301	208	0	0	0	0	0	0	0	0	0
BAYBORO_P.1	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BAYBORO_P.2	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BAYBORO_P.3	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BAYBORO_P.4	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus.CC.1	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus.CC.1.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus.CC.2	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus.CC.2.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Crystal.4	Steam-Coal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Crystal.5	Steam-Coal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dade.County	Renewable	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.10	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.2	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.3	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.4	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.5	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.6	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.7	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.8	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.9	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EconPurch	TranEcon-Purc	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EconSale	TranEcon-Sale	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.1	CT	0	0	0	0	0	0	257	452	463	475	487	499	511	524	537	551	564	578	593	608	623	638	654	671	688	705	722	740	759	778	797	817	838	859	
Gen.190MW.CT.10	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	712	1,252	1,283	1,315	1,348	1,382	1,416	1,451	1,488	1,525	1,563	1,602	1,642	1,683	1,725	1,768	1,813
Gen.190MW.CT.11	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	712	1,252	1,283	1,315	1,348	1,382	1,416	1,451	1,488	1,525	1,563	1,602	1,642	1,683	1,725	1,768	1,813
Gen.190MW.CT.12	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	712	1,252	1,283	1,315	1,348	1,382	1,416	1,451	1,488	1,525	1,563	1,602	1,642	1,683	1,725	1,768	1,813
Gen.190MW.CT.13	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	748	1,315	1,348	1,382	1,416	1,451	1,488	1,525	1,563	1,602	1,642	1,683	1,725	1,768	1,813	
Gen.190MW.CT.14	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	826	1,451	1,488	1,525	1,563	1,602	1,642	1,683	1,725	1,768	1,813	
Gen.190MW.CT.15	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	826	1,451	1,488	1,525	1,563	1,602	1,642	1,683	1,725	1,768	1,813	
Gen.190MW.CT.16	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	847	1,488	1,525	1,563	1,602	1,642	1,683	1,725	1,768	1,813	
Gen.190MW.CT.17	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.18	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.19	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.2	CT	0	0	0	0	0	0	257	452	463	475	487	499	511	524	537	551	564	578	593	608	623	638	654	671	688	705	722	740	759	778	797	817	838	859	
Gen.190MW.CT.20	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.21	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.3	CT	0	0	0	0	0	0	264	463	475	487	499	511	524	537	551	564	578	593	608	623	638	654	671	688	705	722	740	759	778	797	817	838	859		
Gen.190MW.CT.4	CT	0	0	0	0	0	0	0	277	487	499	511	524	537	551	564	578	593	608	623	638	654	671	688	705	722	740	759	778	797	817	838	859			
Gen.190MW.CT.5	CT	0	0	0	0	0	0	0	0	291	511	524	537	551	564	578	593	608	623	638	654	671	688	705	722	740	759	778	797	817	838	859				
Gen.190MW.CT.6	CT	0	0	0	0	0	0	0	0	306	537	551	564	578	593	608	623	638	654	671	688	705	722	740	759	778	797	817	838	859						
Gen.190MW.CT.7	CT	0	0	0	0	0	0	0	0	0	0	0	645	1,134	1,162	1,191	1,221	1,252	1,283	1,315	1,348	1,382	1,416	1,451	1,488	1,525	1,563	1,602	1,642	1,683	1,725	1,768	1,813			
Gen.190MW.CT.8	CT	0	0	0	0	0	0	0	0	0	0	0	645	1,134	1,162	1,191	1,221	1,252	1,283	1,315	1,348	1,382	1,416	1,451	1,488	1,525	1,563	1,602	1,642	1,683	1,725	1,768	1,813			
Gen.190MW.CT.9	CT	0	0	0	0	0	0	0	0	0	0	0	645	1,134	1,162	1,191	1,221	1,252	1,283	1,315	1,348	1,382	1,416	1,451	1,488	1,525	1,563	1,602	1,642	1,683	1,725	1,768	1,813			
Gen.2x1.CC.1.1	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	3,851	6,767	6,937	7,110	7,288	7,470	7,657	7,848	8,044	8,245	8,452	8,663	8,879	9,101	9,329	9,562	9,801	10,046	10,297	10,555	10,819			
Gen.2x1.CC.1.1.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	791	1,390	1,425	1,460	1,497	1,534	1,573	1,612	1,652	1,693	1,736	1,779	1,824	1,869	1,916	1,964	2,013	2,063	2,115	2,168	2,222			
Gen.2x1.CC.1.2	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4,693	8,245	8,452	8,663	8,879	9,101	9,329	9,562	9,801	10,046	10,297	10,555	10,819	
Gen.2x1.CC.1.2.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	964	1,693	1,736	1,779	1,824	1,869	1,916	1,964	2,013	2,063	2,115	2,168	2,222	
Gen.2x1.CC.1.3	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Gen.2x1.CC.1.3.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Gen.2x1.CC.1.4	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Gen.2x1.CC.1.4.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Gen.2x1.CC.1.5	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Gen.2x1.CC.1.5.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Gen.2x1.CC.1.6	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Gen.2x1.CC.1.6.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Gen.2x1.CC.1.7	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Gen.2x1.CC.1.7.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
HEAT	DSM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Hines.CC.1	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Hines.CC.2	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Hines.CC.3	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Hines.CC.4	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
INT.CITY.1	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
INT.CITY.10	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
INT.CITY.11	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
INT.CITY.12	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
INT.CITY.13	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
INT.CITY.14	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
INT.CITY.2	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
INT.CITY.3	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
INT.CITY.4	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
INT.CITY.5	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
INT.CITY.6	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
INT.CITY.7	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
INT.CITY.8	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
INT.CITY.9	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
INTER	DSM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Lake.County	Renewable	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
LEE.County.Res	Renewable	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Mulberry	Cogen	97,306	101,979	107,186	112,648	48,439	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
NSG.Vand.CT.1	TranFirm-Purc	9,464	9,464	9,464

CONFIDENTIAL

Fuel Cost ($000)

\\s00233\grpdata\PEF Resource Planning\2020\2020-03 Clean Energy Connection\Prosym\0505202O\CEC_0MW_LF.mdb

Station	Unit Type	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054
AC	DSM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anclote.1	Steam-Gas	9,133	10,760	13,894	13,077	15,190	17,529	22,021	24,826	28,985	32,053	33,260	41,828	39,566	42,351	29,860	29,468	29,881	35,386	31,464	36,085	35,363	38,286	13,200	0	0	0	0	0	0	0	0	0	0	0	0
Anclote.2	Steam-Gas	11,322	13,335	13,418	15,169	14,375	20,537	22,775	27,020	34,277	35,130	40,354	42,339	46,034	42,646	35,273	29,991	33,290	35,743	36,850	33,568	36,437	37,050	13,644	0	0	0	0	0	0	0	0	0	0	0	0
As.Avail	Cogen	36	36	37	38	40	46	52	61	68	77	81	91	93	94	96	97	105	116	123	131	140	151	157	161	166	175	186	193	204	210	217	223	234	242	249
As.Avail.PCS	Renewable	2,137	2,162	2,203	2,253	2,365	2,678	3,084	3,605	4,111	4,422	4,797	5,252	5,432	5,700	5,597	5,784	6,126	6,824	7,285	7,978	8,305	8,985	9,109	9,377	9,779	10,426	10,995	11,407	11,966	12,141	12,960	13,352	13,709	14,256	14,921
AVON.PK_P.1	CT	455	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AVON.PK_P.2	CT	141	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bartow CC.1.0	Steam-CC	122,946	122,745	128,730	130,013	130,463	135,998	147,111	163,196	166,794	194,636	208,687	224,755	219,623	222,440	214,401	204,800	205,895	207,312	234,044	226,654	250,205	252,301	234,501	212,468	222,354	241,742	250,587	251,756	245,016	257,203	263,654	273,205	272,163	277,274	290,587
Bartow CC.1.PAG	Steam-CC	361	514	306	461	660	1,182	1,377	1,644	1,743	1,947	2,407	2,486	2,147	2,201	703	452	474	512	478	533	537	786	956	903	866	1,007	1,213	1,243	1,208	1,317	1,292	1,640	1,585	1,545	1,659
BARTOW_P.1	CT	40	78	45	15	199	126	363	51	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BARTOW_P.2	CT	67	74	79	46	340	148	344	662	711	733	674	931	824	749	120	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BARTOW_P.3	CT	70	80	50	25	237	111	356	68	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BARTOW_P.4	CT	97	108	75	88	423	344	526	807	857	967	842	1,152	1,102	1,152	187	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Battery Cape San Blas	Storage	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Battery Jennings	Storage	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Battery Micanopy	Storage	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Battery Trenton	Storage	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BAYBORO_P.1	CT	379	347	336	227	1,383	1,046	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BAYBORO_P.2	CT	10	67	21	11	59	44	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BAYBORO_P.3	CT	240	329	254	183	1,182	911	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BAYBORO_P.4	CT	312	246	205	144	1,178	610	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus.CC.1	Steam-CC	93,355	96,779	98,042	102,610	117,152	110,376	122,031	134,668	139,632	159,205	165,462	170,085	180,876	179,336	185,247	180,202	180,958	187,487	200,391	192,094	209,729	212,147	202,363	197,274	206,971	209,335	225,666	226,682	222,758	231,187	236,081	236,399	250,176	256,846	269,841
Citrus.CC.1.Duct	Steam-CC	5,033	5,363	5,079	5,631	6,062	5,801	6,380	6,759	7,411	8,135	8,881	9,930	9,909	9,819	8,889	9,144	9,412	9,908	10,521	10,883	11,269	11,655	9,593	10,310	11,214	10,766	12,346	12,280	12,195	12,110	13,315	13,081	14,159	14,033	14,877
Citrus.CC.2	Steam-CC	101,836	99,713	86,443	101,653	106,210	109,905	121,120	133,469	138,892	158,275	164,265	168,904	179,373	178,187	184,757	181,272	181,778	187,685	201,127	194,104	222,451	225,128	223,424	210,950	220,332	224,653	239,621	240,514	233,038	245,038	248,295	251,534	264,477	271,677	278,576
Citrus.CC.2.Duct	Steam-CC	5,022	5,114	5,081	5,306	5,138	5,385	5,902	6,394	7,478	7,445	8,115	9,321	9,108	9,212	8,119	8,208	8,100	8,780	8,989	9,341	9,688	10,149	7,764	8,105	8,501	8,305	9,445	9,038	8,862	8,731	9,831	9,858	10,073	10,552	10,957
Crystal.4	Steam-Coal	42,335	47,897	38,442	35,251	45,585	44,633	41,260	47,370	49,884	50,456	46,434	54,634	46,823	50,024	14,555	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Crystal.5	Steam-Coal	43,360	41,533	51,425	47,179	32,343	41,864	45,585	44,865	57,835	50,154	55,507	53,736	51,339	46,496	13,659	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dade.County	Renewable	1,788	1,817	1,853	1,933	2,000	2,180	2,585	2,941	3,515	3,768	4,088	4,462	4,700	4,733	4,777	4,907	5,260	5,812	6,248	6,567	7,002	7,536	7,668	8,181	8,359	8,771	9,272	9,681	10,041	10,360	10,906	11,273	11,677	12,001	12,409
DEBARY.10	CT	300	337	330	111	1,060	747	1,412	2,302	2,292	2,734	2,510	3,227	2,853	2,851	1,678	1,606	245	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.2	CT	82	100	78	65	345	169	368	73	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.3	CT	112	180	112	74	491	343	664	117	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.4	CT	97	136	78	54	391	303	653	79	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.5	CT	88	126	107	69	386	262	467	84	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.6	CT	93	151	127	55	511	368	727	79	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.7	CT	299	222	268	242	945	813	1,195	1,805	1,868	2,057	2,090	2,434	2,264	2,411	1,381	1,139	129	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.8	CT	172	180	153	168	724	605	929	1,461	1,499	1,647	1,707	2,018	1,962	1,896	975	731	109	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.9	CT	319	287	266	237	1,027	909	1,307	2,056	2,009	2,121	2,259	2,696	2,515	2,562	1,523	1,241	164	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EconPurch	TranEcon-Purc	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EconSale	TranEcon-Sale	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.1	CT	0	0	0	0	0	0	14,827	22,369	23,228	27,938	30,744	31,189	30,841	27,697	25,179	27,005	30,945	31,644	37,236	36,149	40,488	31,554	27,922	31,135	32,497	35,460	35,818	38,990	36,444	38,970	42,474	42,120	41,054	43,617
Gen.190MW.CT.10	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6,055	9,535	9,273	10,994	8,081	8,113	9,225	10,353	11,619	11,713	12,409	11,297	12,882	13,862	13,873	13,309	13,918
Gen.190MW.CT.11	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6,957	7,530	7,389	7,730	6,861	6,861	7,423	8,603	9,572	10,198	10,609	10,110	10,679	11,547	11,373	11,173	12,180
Gen.190MW.CT.12	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3,740	5,715	5,838	7,217	5,363	5,991	6,388	7,468	8,158	8,375	8,689	8,540	9,022	9,584	10,076	9,263	9,979
Gen.190MW.CT.13	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3,736	5,400	3,970	4,611	5,264	5,857	7,216	7,181	7,282	7,025	7,284	8,694	8,472	7,971	8,588
Gen.190MW.CT.14	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3,756	4,507	5,251	5,830	6,056	5,822	6,722	7,360	7,140	6,720	7,326
Gen.190MW.CT.15	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,757	3,670	4,592	4,755	5,137	4,678	5,014	5,524	5,033	5,295	5,133
Gen.190MW.CT.16	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,440	3,187	3,705	3,990	3,726	4,275	4,768	4,544	4,520	4,616
Gen.190MW.CT.17	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.18	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.19	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.2	CT	0	0	0	0	0	0	12,639	18,819	19,358	23,435	25,731	26,926	26,863	23,436	22,236	23,296	26,532	27,360	32,995	31,064	35,756	27,562	25,699	27,945	29,630	32,398	31,511	34,344	32,411	34,455	37,503	37,382	37,119	38,163
Gen.190MW.CT.20	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.21	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.3	CT	0	0	0	0	0	0	0	12,241	15,501	20,201	21,674	23,122	23,341	19,566	18,957	19,486	22,724	23,843	28,792	26,435	31,440	23,544	22,854	23,873	26,288	27,524	27,955	31,455	28,214	30,167	33,981	33,338	33,951	34,461
Gen.190MW.CT.4	CT	0	0	0	0	0	0	0	0	0	13,973	17,770	19,266	19,319	16,881	16,733	16,787	19,957	20,248	25,147	24,071	26,341	20,465	19,751	21,001	23,000	24,493	25,052	27,544	25,391	27,269	29,641	29,599	29,905	30,552
Gen.190MW.CT.5	CT	0	0	0	0	0	0	0	0	0	0	0	12,958	16,070	13,950	13,662	14,429	17,048	17,503	21,839	20,730	24,045	17,949	17,576	18,645	20,488	21,768	22,378	24,021	22,145	24,075	26,391	26,484	26,073	26,329
Gen.190MW.CT.6	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	8,671	11,327	12,839	14,020	15,090	18,767	17,864	20,587	15,726	14,869	16,544	18,113	19,241	19,899	21,737	19,636	21,304	23,162	22,993	23,212	23,972
Gen.190MW.CT.7	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	7,391	9,433	10,316	12,065	13,036	15,694	15,558	18,312	13,560	13,819	14,127	16,076	16,882	17,431	18,956	17,292	18,980	19,570	20,197	20,486	21,171
Gen.190MW.CT.8	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	5,975	7,009	8,129	9,755	10,454	13,477	12,868	15,567	11,591	11,740	12,249	13,934	14,854	15,183	15,474	15,408	15,952	17,868	17,856	17,573	17,930
Gen.190MW.CT.9	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	4,498	5,907	6,713	7,886	8,901	11,327	11,072	13,082	9,510	10,285	10,734	11,846	13,158	13,254	14,027	13,333	14,510	16,063	15,578	15,320	15,667
Gen.2x1.CC.1.1	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	155,476	271,584	271,895	288,586	300,492	305,871	315,526	325,522	332,657	327,762	340,050	354,674	365,351	368,485	377,236	377,911	383,505	395,312	407,502	415,665	426,066
Gen.2x1.CC.1.1.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	15,618	20,703	21,785	23,992	24,594	27,847	27,554	29,498	36,397	40,172	42,312	44,677	47,784	48,320	51,786	48,883	51,132	53,478	52,179	54,674	55,671
Gen.2x1.CC.1.2	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	198,464	337,601	350,442	365,573	376,993	382,773	389,648	391,232	395,447	405,661	417,483	426,073	436,249
Gen.2x1.CC.1.2.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	23,947	31,307	35,326	35,391	38,870	39,012	41,520	38,957	42,506	46,706	44,091	45,365	46,086
Gen.2x1.CC.1.3	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.3.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.4	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.4.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.5	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.5.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.6	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.6.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.7	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.7.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HEAT	DSM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hines.CC.1	Steam-CC	42,804	49,803	54,682	50,664	54,626	49,271	51,824	63,395	72,888	75,218	83,109	84,441	92,765	93,234	75,732	77,657	77,265	87,987	89,605	95,311	96,167	97,637	91,743	81,045	73,960	87,594	88,126	97,064	103,125	97,479	103,385	100,334	109,230	112,716	104,380
Hines.CC.2	Steam-CC	39,570	43,794	47,412	47,832	45,415	47,125	54,824	62,414	72,163	75,236	75,256	90,572	90,442	91,221	80,456	73,483	77,719	83,960	86,139	92,688	87,964	99,828	81,266	75,798	80,173	83,434	90,360	91,001	93,301	92,668	86,996	101,513	99,702	101,642	103,142
Hines.CC.3	Steam-CC	44,568	47,258	47,493	49,619	53,744	51,994	55,019	64,813	73,485	78,842	85,720	84,582	94,358	95,256	87,640	83,326	82,076	92,694	96,084	102,515	104,866	95,777	86,718	86,087	95,310	96,138	100,749	105,283	101,517	97,748	111,516	111,573	117,378
Hines.CC.4	Steam-CC	64,953	56,147	64,996	62,164	62,539	73,436	72,617	80,631	97,046	102,055	100,212	108,207	120,603	121,935	106,063	101,195	107,680	117,856	122,994	125,117	121,846	136,021	114,321	102,651	116,954	123,252	121,585	122,787	136,264	134,187	123,543	129,189	145,231	149,271	142,815
INT.CITY.1	CT	154	227	189	106	696	458	978	1,696	1,526	1,621	1,818	1,985	1,896	1,795	292	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.10	CT	214	200	181	74	856	429	1,421	1,941	1,568	1,854	2,171	1,854	2,036	1,062	735	223	0	1,488	229	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.11	CT	589	623	540	262	2,125	1,732	2,893	3,857	3,699	4,700	4,636	5,216	4,075	4,962	3,043	2,891	4,985	5,596	4,141	5,498	3,999	5,451	3,534	6,067	682	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.12	CT	556	556	497	558	1,717	1,413	1,940	3,245	3,383	3,297	3,729	4,257	3,670	3,968	2,350	1,871	2,277	2,682	1,541	1,925	1,308	1,726	1,804	2,450	1,590	498	0	0	0	0	0	0	0	0	0	0
INT.CITY.13	CT	674	640	641	628	1,852	1,302	2,118	3,467	3,460	3,461	4,020	4,135	4,079	4,123	2,292	2,029	2,440	2,793	1,713	2,111	1,466	1,992	2,039	2,709	2,223	322	0	0	0	0	0	0	0	0	0	0
INT.CITY.14	CT	481	493	452	349	1,273	1,662	2,921	4,004	3,914	4,263	4,744	5,525	5,018	5,181	3,754	3,542	4,979	5,379	3,263	3,920	3,524	4,213	3,709	4,867	590	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.2	CT	41	98	54	20	215	120	255	895	903	952	951	1,099	1,108	944	206	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

CONFIDENTIAL

Fuel Rate ($/MMBtu)

\\s00233\grpdata\PEF Resource Planning\2020\2020-03 Clean Energy Connection\Prosym\050520\CEC_0MW_LF.mdb

Station	Unit Type	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054
AC	DSM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Anclote.1	Steam-Gas	2.46	2.51	2.60	2.70	2.78	2.96	3.17	3.49	3.83	4.12	4.28	4.57	4.70	4.68	4.80	4.99	4.98	5.30	5.54	5.67	5.79	5.99	6.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Anclote.2	Steam-Gas	2.49	2.49	2.59	2.67	2.79	2.95	3.17	3.49	3.83	4.12	4.29	4.58	4.70	4.68	4.80	5.00	4.97	5.31	5.53	5.61	5.78	6.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
As.Avail	Cogen	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
As.Avail.PCS	Renewable	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVON.PK_P.1	CT	2.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVON.PK_P.2	CT	14.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Bartow CC.1.0	Steam-CC	2.48	2.51	2.60	2.68	2.82	2.98	3.20	3.50	3.82	4.11	4.27	4.54	4.67	4.65	4.78	4.95	4.94	5.27	5.49	5.58	5.75	5.95	6.10	6.19	6.41	6.70	6.92	7.01	7.15	7.14	7.20	7.37	7.55	7.74	7.93
Bartow CC.1.PAG	Steam-CC	2.42	2.43	2.52	2.60	2.79	2.96	3.21	3.51	3.83	4.11	4.33	4.58	4.69	4.69	4.70	4.96	4.95	5.27	5.49	5.56	5.74	5.94	6.11	6.15	6.36	6.65	6.92	7.01	7.09	7.20	7.26	7.39	7.58	7.79	7.94
BARTOW_P.1	CT	14.16	13.88	14.09	14.31	14.57	14.93	15.51	16.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BARTOW_P.2	CT	2.45	2.50	2.57	2.68	2.72	2.96	3.19	3.53	3.86	4.12	4.38	4.64	4.71	4.72	4.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BARTOW_P.3	CT	14.16	13.81	14.06	14.31	14.58	14.94	15.51	16.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BARTOW_P.4	CT	2.42	2.48	2.61	2.68	2.72	2.96	3.19	3.54	3.86	4.12	4.37	4.64	4.72	4.71	4.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Battery Cape San Blas	Storage	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Battery Jennings	Storage	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Battery Micanopy	Storage	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Battery Trenton	Storage	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BAYBORO_P.1	CT	13.92	13.96	14.12	14.29	14.58	14.93	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BAYBORO_P.2	CT	14.11	13.81	14.11	14.34	14.58	14.92	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BAYBORO_P.3	CT	14.02	13.97	14.13	14.29	14.58	14.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BAYBORO_P.4	CT	13.95	13.89	14.15	14.29	14.58	14.93	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Citrus.CC.1	Steam-CC	2.44	2.46	2.53	2.59	2.70	2.86	3.06	3.38	3.71	4.00	4.16	4.40	4.53	4.50	4.66	4.83	4.81	5.13	5.35	5.43	5.59	5.80	5.97	6.01	6.22	6.51	6.73	6.82	6.94	6.94	7.00	7.17	7.35	7.53	7.71
Citrus.CC.1.Duct	Steam-CC	2.36	2.36	2.45	2.50	2.62	2.81	3.04	3.39	3.71	3.97	4.21	4.44	4.53	4.52	4.65	4.83	4.81	5.14	5.35	5.41	5.60	5.81	5.97	6.01	6.23	6.52	6.74	6.82	6.95	6.93	6.99	7.16	7.35	7.52	7.71
Citrus.CC.2	Steam-CC	2.44	2.47	2.52	2.60	2.72	2.86	3.06	3.38	3.71	4.00	4.16	4.41	4.53	4.51	4.66	4.83	4.81	5.13	5.36	5.44	5.59	5.80	5.96	6.01	6.22	6.51	6.73	6.81	6.93	6.95	7.00	7.18	7.35	7.53	7.71
Citrus.CC.2.Duct	Steam-CC	2.35	2.36	2.43	2.50	2.62	2.81	3.04	3.39	3.73	3.97	4.22	4.45	4.53	4.53	4.65	4.83	4.80	5.14	5.34	5.40	5.60	5.81	5.97	6.02	6.22	6.52	6.74	6.82	6.96	6.91	6.97	7.15	7.32	7.50	7.69
Crystal.4	Steam-Coal	2.12	2.18	2.26	2.43	2.52	2.71	2.85	3.05	3.28	3.38	3.51	3.91	4.04	4.18	4.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Crystal.5	Steam-Coal	2.12	2.18	2.26	2.43	2.52	2.71	2.85	3.05	3.28	3.38	3.51	3.91	4.04	4.18	4.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Dade.County	Renewable	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.10	CT	14.23	14.17	14.38	14.54	14.83	15.19	15.77	16.42	17.18	17.87	18.32	18.72	19.14	19.58	20.03	20.48	20.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.2	CT	14.34	14.12	14.30	14.54	14.83	15.19	15.77	16.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.3	CT	14.33	14.10	14.34	14.52	14.83	15.19	15.77	16.43	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.4	CT	14.29	14.04	14.36	14.52	14.83	15.19	15.77	16.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.5	CT	14.38	14.04	14.31	14.53	14.82	15.18	15.77	16.43	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.6	CT	14.39	14.15	14.37	14.53	14.83	15.19	15.77	16.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.7	CT	2.43	2.49	2.58	2.68	2.72	2.95	3.18	3.54	3.85	4.12	4.36	4.64	4.71	4.71	4.79	5.03	4.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.8	CT	2.46	2.48	2.57	2.68	2.72	2.96	3.19	3.54	3.86	4.12	4.38	4.63	4.72	4.71	4.79	5.03	4.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.9	CT	2.45	2.49	2.57	2.68	2.72	2.95	3.19	3.53	3.84	4.12	4.37	4.63	4.71	4.71	4.79	5.03	4.84	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EconPurch	TranEcon-Purc	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EconSale	TranEcon-Sale	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.1	CT	0.00	0.00	0.00	0.00	0.00	0.00	3.57	3.86	4.12	4.33	4.60	4.70	4.69	4.82	5.00	4.98	5.32	5.54	5.60	5.80	6.00	6.16	6.25	6.48	6.78	7.00	7.08	7.24	7.17	7.23	7.41	7.60	7.78	7.98
Gen.190MW.CT.10	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.11	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.12	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.13	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.14	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.15	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.16	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.17	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.18	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.19	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.2	CT	0.00	0.00	0.00	0.00	0.00	0.00	3.57	3.85	4.12	4.34	4.61	4.71	4.69	4.81	5.00	4.99	5.32	5.54	5.61	5.80	6.00	6.16	6.25	6.48	6.78	7.00	7.08	7.24	7.17	7.23	7.41	7.60	7.78	7.98
Gen.190MW.CT.20	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.21	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.3	CT	0.00	0.00	0.00	0.00	0.00	0.00	3.91	4.12	4.35	4.60	4.71	4.70	4.81	5.00	4.99	5.32	5.54	5.60	5.80	6.00	6.16	6.26	6.48	6.79	7.00	7.08	7.24	7.17	7.23	7.41	7.59	7.78	7.97	0.00
Gen.190MW.CT.4	CT	0.00	0.00	0.00	0.00	0.00	0.00	4.41	4.61	4.71	4.70	4.81	5.00	4.99	5.33	5.54	5.61	5.80	6.01	6.17	6.26	6.48	6.78	7.00	7.08	7.25	7.17	7.23	7.41	7.60	7.78	7.97	0.00	0.00	0.00
Gen.190MW.CT.5	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.74	4.71	4.81	5.00	4.99	5.32	5.54	5.60	5.80	6.00	6.17	6.26	6.49	6.80	7.01	7.08	7.25	7.16	7.23	7.41	7.60	7.77	7.97
Gen.190MW.CT.6	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.87	5.01	4.99	5.33	5.55	5.60	5.81	6.01	6.18	6.27	6.49	6.79	7.01	7.08	7.25	7.17	7.23	7.41	7.60	7.78	7.97	0.00
Gen.190MW.CT.7	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.87	5.01	4.99	5.33	5.55	5.61	5.81	6.01	6.18	6.27	6.49	6.80	7.01	7.08	7.26	7.17	7.24	7.41	7.60	7.78	7.97	0.00
Gen.190MW.CT.8	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.87	5.03	5.00	5.33	5.56	5.61	5.81	6.01	6.19	6.28	6.50	6.81	7.01	7.09	7.26	7.17	7.23	7.41	7.60	7.79	7.97	0.00
Gen.190MW.CT.9	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.87	5.03	5.00	5.34	5.55	5.61	5.82	6.02	6.19	6.29	6.50	6.81	7.02	7.10	7.26	7.16	7.24	7.40	7.59	7.78	7.98	0.00
Gen.2x1.CC.1.1	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.90	5.04	4.99	5.31	5.55	5.63	5.79	6.00	6.17	6.25	6.47	6.77	7.00	7.09	7.20	7.24	7.30	7.48	7.66	7.85	8.04	0.00
Gen.2x1.CC.1.1.Duct	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.89	5.01	4.99	5.33	5.55	5.62	5.81	6.02	6.22	6.27	6.50	6.80	7.02	7.11	7.24	7.22	7.28	7.45	7.63	7.82	8.02	0.00
Gen.2x1.CC.1.2	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.23	6.25	6.47	6.77	7.00	7.08	7.20	7.25	7.30	7.48	7.66	7.85	8.04
Gen.2x1.CC.1.2.Duct	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.28	6.27	6.50	6.80	7.03	7.11	7.26	7.21	7.27	7.45	7.63	7.81	8.01
Gen.2x1.CC.1.3	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.2x1.CC.1.3.Duct	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.2x1.CC.1.4	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.2x1.CC.1.4.Duct	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.2x1.CC.1.5	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

CONFIDENTIAL

Heat Rate (MMBtu/MWh)

\\s00233\grpdata\PEF Resource Planning\2020\2020-03 Clean Energy Connection\Prosym\050520\CEC_0MW_LF.mdb

Station	Unit Type	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054
AC	DSM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Anclote.1	Steam-Gas	12.46	12.43	12.49	12.48	12.45	12.21	12.11	11.93	11.83	11.93	11.78	11.59	11.50	11.59	12.26	12.49	12.47	12.45	12.47	12.47	12.47	12.46	12.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Anclote.2	Steam-Gas	13.78	13.70	13.79	13.77	13.65	13.42	12.96	12.83	12.61	12.65	12.62	12.33	12.36	12.40	13.41	13.86	13.81	13.79	13.79	13.85	13.84	13.78	13.72	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
As.Avail	Cogen	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
As.Avail.PCS	Renewable	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVON.PK_P.1	CT	36.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVON.PK_P.2	CT	36.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Bartow CC.1.0	Steam-CC	7.00	7.00	6.99	6.99	7.00	6.99	7.00	7.00	7.00	7.00	7.00	6.99	7.00	6.99	7.00	7.04	7.04	7.03	7.03	7.02	7.03	7.03	7.04	7.09	7.08	7.08	7.08	7.08	7.07	7.08	7.08	7.07	7.08	7.08	7.08
Bartow CC.1.PAG	Steam-CC	8.96	8.76	9.00	9.00	9.03	9.07	9.09	9.09	9.10	9.13	9.08	9.08	9.12	9.11	8.90	8.91	8.97	8.96	8.87	8.85	8.82	8.73	8.78	8.76	8.76	8.65	8.66	8.68	8.68	8.63	8.67	8.60	8.63	8.63	8.62
BARTOW_P.1	CT	17.56	16.62	17.56	17.67	17.55	17.54	17.23	17.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BARTOW_P.2	CT	14.45	14.33	14.48	14.43	14.45	14.45	14.20	14.31	14.18	14.31	14.36	14.29	14.22	14.34	14.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BARTOW_P.3	CT	17.64	16.46	17.65	17.60	17.64	17.64	17.14	17.63	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BARTOW_P.4	CT	14.34	14.07	14.84	14.17	14.29	13.99	13.83	13.95	13.75	13.99	0.00	0.00	0.00	14.07	13.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Battery Cape San Blas	Storage	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Battery Jennings	Storage	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Battery Micanopy	Storage	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Battery Trenton	Storage	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BAYBORO_P.1	CT	14.63	14.61	14.68	14.70	14.64	14.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BAYBORO_P.2	CT	18.50	15.58	16.44	18.50	17.00	16.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BAYBORO_P.3	CT	14.63	14.61	14.63	14.72	14.69	14.63	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BAYBORO_P.4	CT	14.63	14.53	14.63	14.62	14.64	14.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Citrus.CC.1	Steam-CC	6.48	6.48	6.48	6.48	6.48	6.48	6.48	6.48	6.48	6.48	6.48	6.48	6.48	6.48	6.49	6.50	6.50	6.50	6.50	6.50	6.51	6.51	6.52	6.55	6.55	6.55	6.54	6.54	6.54	6.54	6.54	6.54	6.53	6.53	
Citrus.CC.1.Duct	Steam-CC	7.36	7.36	7.34	7.39	7.35	7.38	7.37	7.38	7.40	7.43	7.44	7.43	7.42	7.47	7.49	7.50	7.48	7.49	7.53	7.53	7.54	7.58	7.65	7.66	7.61	7.64	7.64	7.61	7.60	7.65	7.61	7.64	7.63	7.66	
Citrus.CC.2	Steam-CC	6.49	6.49	6.49	6.48	6.48	6.48	6.49	6.49	6.49	6.48	6.49	6.49	6.49	6.49	6.49	6.49	6.49	6.50	6.50	6.50	6.49	6.49	6.52	6.52	6.52	6.52	6.52	6.52	6.52	6.52	6.51	6.52	6.52	6.52	
Citrus.CC.2.Duct	Steam-CC	7.31	7.31	7.28	7.30	7.30	7.31	7.33	7.34	7.40	7.33	7.36	7.39	7.36	7.37	7.39	7.39	7.38	7.38	7.38	7.43	7.42	7.43	7.52	7.57	7.60	7.52	7.54	7.53	7.51	7.49	7.56	7.53	7.49	7.52	7.55
Crystal.4	Steam-Coal	11.07	11.00	11.16	11.21	11.21	11.43	11.56	11.49	11.47	11.47	11.58	11.94	12.08	12.12	12.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Crystal.5	Steam-Coal	10.89	10.84	11.03	11.11	11.09	11.25	11.34	11.30	11.31	11.29	11.44	11.74	11.86	11.91	11.81	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Dade.County	Renewable	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.10	CT	14.66	14.51	14.69	14.73	14.66	14.64	14.58	14.65	14.64	14.57	14.64	14.63	14.57	14.56	14.65	14.63	14.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.2	CT	16.85	16.86	16.97	17.12	16.87	16.85	16.91	17.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.3	CT	16.96	16.35	17.04	17.03	16.88	16.60	16.58	17.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.4	CT	16.98	16.18	17.00	16.86	16.92	16.91	16.56	17.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.5	CT	17.00	16.09	17.05	17.04	16.93	16.90	16.44	17.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.6	CT	16.97	16.20	16.94	17.09	16.91	16.85	16.58	17.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.7	CT	13.67	13.47	13.86	13.68	13.61	13.29	13.25	13.35	13.23	13.36	13.30	13.30	13.24	13.33	13.90	14.32	14.32	14.31	14.32	14.32	14.32	14.32	14.32	14.32	14.32	14.32	14.32	14.32	14.32	14.32	14.32	14.32	14.32	14.32	
DEBARY.8	CT	13.60	13.34	13.65	13.57	13.54	13.31	13.23	13.31	13.19	13.33	13.40	13.30	13.20	13.30	13.78	14.43	14.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.9	CT	13.67	13.49	13.79	13.79	13.59	13.29	13.30	13.37	13.31	13.37	13.42	13.34	13.27	13.38	13.95	14.49	14.39	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EconPurch	TranEcon-Purc	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EconSale	TranEcon-Sale	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.1	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.85	10.78	10.85	10.84	10.82	10.82	10.84	11.47	11.78	11.71	11.64	11.70	11.64	11.67	11.61	12.41	12.83	12.70	12.66	12.61	12.59	12.60	12.55	12.54	12.56	12.51	12.55	12.57
Gen.190MW.CT.10	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.68	12.62	12.46	12.32	13.60	13.50	13.58	13.66	13.66	13.40	13.52	13.53	13.43	13.35	13.45	13.65	13.50
Gen.190MW.CT.11	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.85	12.79	12.50	12.81	13.64	13.55	13.58	13.66	13.70	13.48	13.59	13.47	13.47	13.47	13.47	13.62	13.77
Gen.190MW.CT.12	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.97	12.93	12.79	12.68	13.68	13.60	13.68	13.80	13.79	13.55	13.71	13.61	13.54	13.55	13.70	13.86	13.63
Gen.190MW.CT.13	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.97	12.76	13.64	13.57	13.73	13.90	13.75	13.65	13.84	13.77	13.75	13.61	13.78	13.90	13.69
Gen.190MW.CT.14	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.71	13.91	13.93	13.74	13.88	13.82	13.64	13.66	13.84	13.93	13.63
Gen.190MW.CT.15	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.82	13.90	13.79	13.67	13.92	13.82	13.58	13.72	13.87	13.91	13.69
Gen.190MW.CT.16	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.85	13.76	13.69	13.91	13.79	13.52	13.55	13.84	13.84	13.61
Gen.190MW.CT.17	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.18	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.19	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.2	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.80	10.75	10.84	10.76	10.77	10.78	10.80	11.49	11.77	11.75	11.67	11.71	11.67	11.68	11.63	12.53	12.87	12.75	12.78	12.67	12.68	12.67	12.65	12.65	12.62	12.58	12.64	12.60
Gen.190MW.CT.20	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.21	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.3	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.73	10.81	10.73	10.74	10.77	10.76	11.50	11.84	11.75	11.70	11.76	11.73	11.73	11.67	12.66	12.98	12.87	12.89	12.83	12.79	12.75	12.78	12.72	12.68	12.64	12.76	12.69	
Gen.190MW.CT.4	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.69	10.70	10.70	10.73	11.63	11.94	11.82	11.81	11.85	11.76	11.77	11.68	12.84	13.05	12.97	12.99	12.93	12.85	12.88	12.86	12.83	12.78	12.79	12.88	12.78	
Gen.190MW.CT.5	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.68	10.70	11.71	12.07	11.98	11.91	11.91	11.81	11.85	11.75	12.96	13.18	13.08	13.13	13.12	12.94	12.98	12.97	12.99	12.91	12.87	13.03	12.88	
Gen.190MW.CT.6	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.33	12.18	12.08	12.04	12.03	11.93	11.92	11.87	13.11	13.29	13.18	13.29	13.21	13.04	13.04	13.07	13.04	12.99	12.97	13.12	12.99		
Gen.190MW.CT.7	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.52	12.43	12.30	12.22	12.15	12.08	12.00	11.96	13.27	13.27	13.32	13.40	13.36	13.14	13.15	13.18	13.14	13.16	13.10	13.28	13.15		
Gen.190MW.CT.8	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.80	12.70	12.57	12.45	12.35	12.21	12.18	12.04	13.43	13.31	13.46	13.50	13.45	13.24	13.35	13.31	13.36	13.15	13.30	13.42	13.34		
Gen.190MW.CT.9	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.93	12.80	12.74	12.63	12.55	12.44	12.28	12.15	13.54	13.43	13.51	13.62	13.53	13.32	13.44	13.45	13.32	13.25	13.39	13.53	13.45		
Gen.2x1.CC.1	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.38	6.36	6.36	6.36	6.36	6.36	6.36	6.36	6.38	6.38	6.38	6.38	6.38	6.38	6.38	6.38	6.38	6.37	6.37	6.37	6.37		
Gen.2x1.CC.1.Duct	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.45	8.46	8.46	8.46	8.46	8.47	8.47	8.47	8.47	8.48	8.47	8.47	8.47	8.48	8.48	8.47	8.48	8.47	8.47	8.47	8.47		
Gen.2x1.CC.2	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.38	6.36	6.36	6.36	6.36	6.36	6.36	6.36	6.36	6.36	6.36	6.36	6.36		
Gen.2x1.CC.2.Duct	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.45	8.46	8.47	8.46	8.47	8.47	8.47	8.47	8.47	8.47	8.48	8.47	8.47		
Gen.2x1.CC.3	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Gen.2x1.CC.3.Duct	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Gen.2x1.CC.4	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Gen.2x1.CC.4.Duct	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Gen.2x1.CC.5	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Gen.2x1.CC.5.Duct	Steam-CC

CONFIDENTIAL

Start Cost ($000)

\\s00233\grpdata\PEF Resource Planning\2020\2020-03 Clean Energy Connection\Prosym\050S2020\CEC_0MW_LF.mdb

Station	Unit Type	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054
AC	DSM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anclote.1	Steam-Gas	203	288	364	315	237	299	252	286	254	335	237	314	331	372	310	389	436	502	374	570	578	563	904	0	0	0	0	0	0	0	0	0	0	0	0
Anclote.2	Steam-Gas	141	209	341	409	315	364	342	335	364	362	336	261	379	322	574	562	630	546	792	509	776	741	391	0	0	0	0	0	0	0	0	0	0	0	0
As.Avail	Cogen	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
As.Avail.PCS	Renewable	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AVON.PK_P.1	CT	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AVON.PK_P.2	CT	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bartow CC.1.0	Steam-CC	53	47	60	40	46	41	44	48	82	43	55	51	57	77	50	56	52	78	105	87	60	93	161	336	317	315	344	345	307	394	306	295	304	256	359
Bartow CC.1.PAG	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BARTOW_P.1	CT	5	10	8	3	31	20	59	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BARTOW_P.2	CT	26	22	31	21	118	52	107	186	192	186	192	249	222	217	30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BARTOW_P.3	CT	10	6	6	5	29	16	47	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BARTOW_P.4	CT	29	26	25	90	117	89	127	179	183	198	205	251	227	243	84	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Battery Cape San Blas	Storage	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Battery Jennings	Storage	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Battery Micanopy	Storage	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Battery Trenton	Storage	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BAYBORO_P.1	CT	7	5	7	6	24	19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BAYBORO_P.2	CT	0	1	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BAYBORO_P.3	CT	4	4	6	6	20	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BAYBORO_P.4	CT	5	4	4	6	24	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus.CC.1	Steam-CC	100	84	85	89	45	72	56	89	125	67	98	104	76	82	129	81	81	171	135	144	94	143	141	118	113	163	113	114	174	175	127	180	123	126	203
Citrus.CC.1.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus.CC.2	Steam-CC	58	61	62	88	88	97	55	81	93	78	81	140	76	88	116	89	166	136	97	136	139	105	159	101	104	163	113	123	192	126	137	248	133	147	140
Citrus.CC.2.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Crystal.4	Steam-Coal	825	744	861	487	1,161	1,262	1,042	1,212	1,015	1,443	1,147	1,535	1,158	947	837	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Crystal.5	Steam-Coal	751	790	832	1,370	922	976	1,610	1,213	1,470	1,462	1,389	1,372	1,586	1,199	1,281	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dade.County	Renewable	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.10	CT	27	28	38	13	101	80	142	232	228	220	283	323	308	322	176	191	22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.2	CT	10	10	10	12	62	23	56	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.3	CT	16	16	14	9	71	48	86	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.4	CT	13	11	11	9	60	41	95	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.5	CT	11	10	16	12	55	31	64	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.6	CT	12	15	21	9	67	51	106	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.7	CT	118	56	100	92	280	229	306	479	509	475	480	507	512	548	440	406	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.8	CT	63	50	46	63	222	183	251	381	370	414	407	474	466	440	290	269	34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.9	CT	112	93	81	85	301	273	355	531	523	499	521	591	556	607	491	446	54	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EconPurch	TranEcon-Purc	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EconSale	TranEcon-Sale	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.1	CT	0	0	0	0	0	0	0	1,694	2,869	2,942	3,338	4,083	3,628	3,885	4,147	4,067	4,545	4,683	4,838	5,415	5,314	5,364	6,198	5,846	6,406	6,567	7,307	6,688	7,834	7,312	7,474	7,778	7,094	7,367	7,722
Gen.190MW.CT.10	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,921	3,068	2,809	3,020	3,059	2,682	3,148	3,427	3,679	3,695	3,899	3,882	4,184	4,335	4,316	4,228	4,180
Gen.190MW.CT.11	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,807	2,641	2,403	2,708	2,830	2,737	2,760	3,015	3,326	3,859	3,614	3,729	3,658	3,940	3,940	3,940	3,987
Gen.190MW.CT.12	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,509	2,233	2,219	2,548	2,436	2,360	2,491	2,971	3,163	2,904	3,262	3,335	3,187	3,355	3,821	3,470	3,454
Gen.190MW.CT.13	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,541	2,038	1,837	1,942	2,210	2,499	2,929	2,814	2,864	2,846	2,983	3,258	3,344	3,286	3,289
Gen.190MW.CT.14	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,630	2,082	2,442	2,542	2,544	2,557	2,873	3,040	3,025	2,959	2,824
Gen.190MW.CT.15	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,300	1,796	2,127	2,046	2,274	2,180	2,312	2,355	2,446	2,609	2,607
Gen.190MW.CT.16	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,255	1,660	1,614	1,927	1,947	2,137	2,157	2,143	2,443	2,248
Gen.190MW.CT.17	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.18	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.19	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.2	CT	0	0	0	0	0	0	0	1,735	2,654	2,734	3,232	3,595	3,450	3,817	3,868	3,983	4,227	4,227	4,509	5,398	5,091	5,155	5,687	5,097	5,844	6,215	7,045	6,376	7,330	7,225	7,217	7,496	6,970	7,363	7,220
Gen.190MW.CT.20	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.21	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.3	CT	0	0	0	0	0	0	0	0	1,781	2,324	3,008	3,251	3,250	3,498	3,555	3,685	3,805	4,167	4,269	5,104	4,750	5,137	5,064	4,962	5,249	5,686	6,272	6,199	7,191	6,597	6,595	6,859	6,306	6,928	6,924
Gen.190MW.CT.4	CT	0	0	0	0	0	0	0	0	0	0	2,084	2,900	3,085	3,170	3,319	3,401	3,424	3,975	3,945	4,796	4,431	4,693	4,662	4,649	5,018	5,123	5,396	5,707	6,540	5,923	6,030	6,573	6,103	6,340	6,577
Gen.190MW.CT.5	CT	0	0	0	0	0	0	0	0	0	0	0	2,084	2,886	3,031	3,081	3,161	3,584	3,713	4,510	4,152	4,553	4,421	4,432	4,462	4,905	5,013	5,411	5,855	5,465	5,780	5,976	5,994	6,047	5,887
Gen.190MW.CT.6	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	2,118	2,955	3,018	3,322	3,426	4,308	3,624	4,192	4,262	3,912	4,160	4,756	4,750	5,045	5,558	5,096	5,327	5,566	5,341	5,582	5,630
Gen.190MW.CT.7	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	2,012	2,662	2,826	3,166	3,102	3,875	3,566	3,963	3,875	3,873	3,858	4,328	4,289	4,686	5,020	4,719	5,102	5,177	4,977	5,378	5,481
Gen.190MW.CT.8	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	1,908	2,329	2,463	2,741	2,854	3,507	3,152	3,774	3,799	3,395	3,478	3,870	4,110	4,380	4,475	4,370	4,901	4,892	4,831	5,113	5,075
Gen.190MW.CT.9	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	1,651	2,100	2,303	2,438	2,612	3,422	2,999	3,310	3,358	3,143	3,262	3,693	3,828	3,891	4,359	4,083	4,259	4,844	4,504	4,582	4,672
Gen.2x1.CC.1.1	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	22	37	45	36	50	51	55	44	59	56	62	46	47	52	72	49	74	50	52	53	54
Gen.2x1.CC.1.1.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.2	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	28	45	44	60	55	56	52	73	53	55	68	53	72
Gen.2x1.CC.1.2.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.3	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.3.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.4	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.4.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.5	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.5.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.6	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.6.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.7	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.7.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HEAT	DSM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hines.CC.1	Steam-CC	78	103	55	93	114	194	168	156	108	165	239	173	216	148	288	320	381	208	250	229	183	243	412	567	604	706	696	806	673	854	639	495	795	575	529
Hines.CC.2	Steam-CC	107	137	87	63	160	119	92	120	99	163	105	60	191	87	190	257	154	197	240	184	187	248	310	452	517	419	559	488	536	561	448	574	539	650	587
Hines.CC.3	Steam-CC	148	164	133	190	195	194	179	224	247	199	205	200	262	217	265	413	334	323	379	292	261	336	444	447	433	515	526	468	463	529	514	519	629	517	601
Hines.CC.4	Steam-CC	16	29	38	23	24	18	27	25	24	25	51	40	44	41	59	34	31	33	34	38	72	90	90	58	63	102	65	109	63	45	95	135	100	74	122
INT.CITY.1	CT	6	5	5	3	16	14	24	39	38	35	45	52	47	50	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.10	CT	83	63	86	83	250	217	249	414	440	427	444	548	478	532	345	284	448	475	68	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.11	CT	102	93	118	58	390	310	641	788	663	812	1,051	1,068	894	1,071	646	626	1,207	1,408	1,080	1,332	1,138	1,403	984	1,370	216	0	0	0	0	0	0	0	0	0	0
INT.CITY.12	CT	165	191	173	188	432	365	490	699	769	666	773	781	695	833	686	579	683	755	516	635	433	555	759	940	656	272	0	0	0	0	0	0	0	0	0
INT.CITY.13	CT	209	220	221	204	458	336	486	715	746	666	786	717	775	808	659	621	690	724	573	691	490	629	827	1,032	943	158	0	0	0	0	0	0	0	0	0
INT.CITY.14	CT	146	150	147	148	399	342	407	685	683	688	681	721	723	625	502	593	646	429	484	569	473	497	568	947	78	0	0	0	0	0	0	0	0	0	0
INT.CITY.2	CT	1	1	1	1	5	2	3	15	16	18	20	22	23	19	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.3	CT	4	5	3	3	11	10	15	31	38	34	44	48	47	50	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.4	CT	5	5	4	3	19	15	23	37	42	48	59	52	61	77	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.5	CT	2	2	1	1	6	6	6	16	25	23	28	31	26	28	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.6	CT	6	4	5	4	25	18	33	41	51	52	61	68	59	67	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.7	CT	86	47	48	63	221	158	250	372	339	382	419	499	490	455	275	237	357	412	52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.8	CT	95	87	98	90	268	220	306	448	489	462	507	549	572	565	404	344	453	504	76	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.9	CT	91	73	89	74	247	178	296	471	474	448	501	551	565	520	371	341	440	513	64	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INTER	DSM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lake.County	Renewable	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

CONFIDENTIAL

Total Cost ($000)

\\s00233\grpdata\PEF Resource Planning\2020\2020-03 Clean Energy Connection\Prosym\0505202O\CEC_0MW_LF.mdb

Station	Unit Type	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054
AC	DSM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anclote.1	Steam-Gas	9,872	11,707	15,094	14,169	16,329	20,614	27,217	31,905	38,285	43,570	46,513	59,748	58,139	64,492	46,550	46,877	50,892	62,374	57,400	69,150	70,155	78,063	28,241	0	0	0	0	0	0	0	0	0	0	0	0
Anclote.2	Steam-Gas	12,076	14,290	14,491	16,402	15,462	24,136	28,159	34,646	45,240	47,656	56,362	60,215	67,481	64,732	55,199	47,825	56,810	62,888	67,716	64,145	72,491	75,703	29,338	0	0	0	0	0	0	0	0	0	0	0	0
As.Avail	Cogen	36	36	37	38	40	50	59	71	81	92	99	111	117	120	125	129	143	161	175	189	205	222	234	245	257	272	290	303	321	332	346	359	376	391	405
As.Avail.PCS	Renewable	2,137	2,162	2,203	2,253	2,365	3,107	3,857	4,722	5,574	6,224	6,943	7,741	8,276	8,875	9,119	9,649	10,776	12,240	13,458	14,939	16,047	17,489	18,383	19,436	20,628	22,014	23,379	24,550	25,930	26,820	28,407	29,575	30,754	32,032	33,482
AVON.PK_P.1	CT	540	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AVON.PK_P.2	CT	149	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bartow CC.1.0	Steam-CC	137,899	137,851	144,468	145,795	145,845	164,908	187,368	215,421	226,350	270,696	299,071	328,416	329,507	345,916	341,210	331,645	356,191	370,450	433,552	438,986	501,034	519,354	497,352	466,278	497,553	547,305	576,894	594,944	591,187	640,450	673,242	707,522	713,955	735,812	779,796
Bartow CC.1.PAG	Steam-CC	397	567	336	505	721	1,403	1,718	2,129	2,324	2,667	3,387	3,572	3,173	3,369	1,112	724	811	904	877	1,024	1,065	1,606	2,010	1,971	1,930	2,272	2,772	2,914	2,906	3,239	3,259	4,211	4,120	4,055	4,419
BARTOW_P.1	CT	45	89	53	18	213	150	441	61	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BARTOW_P.2	CT	94	97	110	67	461	216	511	999	1,094	1,147	1,101	1,535	1,398	1,323	214	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BARTOW_P.3	CT	80	86	56	31	266	130	421	85	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BARTOW_P.4	CT	127	134	101	119	543	470	745	1,168	1,270	1,465	1,474	1,842	1,898	1,942	322	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Battery Cape San Blas	Storage	48	146	176	237	240	244	249	253	257	261	266	270	240	174	205	266	270	275	280	285	290	295	300	305	310	215	0	0	0	0	0	0	0	0	0
Battery Jennings	Storage	79	241	247	242	230	231	232	234	236	237	239	241	236	225	236	255	260	265	270	275	280	285	290	295	301	208	0	0	0	0	0	0	0	0	0
Battery Micanopy	Storage	79	241	247	242	230	231	232	234	236	237	239	241	236	225	236	255	260	265	270	275	280	285	290	295	301	208	0	0	0	0	0	0	0	0	0
Battery Trenton	Storage	79	241	247	242	230	231	232	234	236	237	239	241	236	225	236	255	260	265	270	275	280	285	290	295	301	208	0	0	0	0	0	0	0	0	0
BAYBORO_P.1	CT	401	367	357	242	1,467	1,138	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BAYBORO_P.2	CT	11	71	22	11	63	48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BAYBORO_P.3	CT	254	347	271	197	1,256	996	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BAYBORO_P.4	CT	331	261	218	154	1,255	669	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus.CC.1	Steam-CC	100,640	104,421	105,756	110,698	126,160	129,939	151,720	173,936	185,832	217,537	233,181	245,233	268,160	275,907	291,290	288,566	310,303	332,974	369,206	370,555	418,779	435,785	427,858	432,873	463,618	474,681	520,141	536,648	539,497	577,443	604,798	614,552	658,893	684,835	727,493
Citrus.CC.1.Duct	Steam-CC	5,389	5,750	5,441	6,034	6,485	6,792	7,887	8,670	9,798	11,072	12,412	14,206	14,616	15,012	13,915	14,574	16,072	17,496	19,312	20,930	22,400	23,824	20,197	22,530	25,007	24,301	28,342	28,965	29,392	30,168	34,017	33,911	37,166	37,297	39,988
Citrus.CC.2	Steam-CC	109,721	107,533	93,260	109,631	114,394	129,454	150,586	172,347	184,802	216,288	231,655	243,561	265,927	274,135	290,476	290,259	311,806	333,210	370,433	374,214	444,301	462,427	472,667	463,009	493,670	509,626	552,514	569,660	564,643	611,712	635,974	653,892	696,512	724,339	751,361
Citrus.CC.2.Duct	Steam-CC	5,380	5,486	5,450	5,689	5,500	6,310	7,302	8,203	9,877	10,138	11,335	13,333	13,437	14,080	12,718	13,090	13,849	15,508	16,509	17,989	19,267	20,754	16,350	17,707	18,968	18,748	21,691	21,313	21,337	21,794	25,155	25,587	26,504	28,101	29,489
Crystal.4	Steam-Coal	47,303	53,338	43,018	38,997	50,904	58,357	59,414	73,572	81,843	88,672	85,781	102,478	91,275	100,718	90,903	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Crystal.5	Steam-Coal	48,229	46,279	57,059	52,755	36,133	54,429	66,038	69,664	95,081	88,083	102,454	100,559	100,369	93,914	29,558	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dade.County	Renewable	1,788	1,817	1,852	1,933	2,000	2,358	3,238	87,664	4,702	5,292	5,901	6,565	7,144	7,741	7,751	8,171	9,189	10,382	11,471	12,443	13,550	14,717	15,502	16,669	17,525	18,564	19,718	20,780	21,826	22,764	23,963	24,983	26,081	27,017	28,077
DEBARY.10	CT	327	366	368	124	1,163	848	1,622	2,686	2,710	3,221	3,080	3,967	3,572	3,624	2,140	2,093	319	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.2	CT	92	110	88	76	199	197	444	88	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.3	CT	129	199	127	83	564	403	785	140	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.4	CT	110	148	89	63	453	354	782	101	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.5	CT	99	137	124	81	443	302	556	103	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.6	CT	106	167	148	64	580	432	872	94	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.7	CT	418	278	368	335	1,227	1,125	1,703	2,791	3,022	3,158	3,286	3,849	3,728	4,087	2,533	2,157	261	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.8	CT	235	230	199	231	948	850	1,337	2,163	2,264	2,562	2,696	3,246	3,247	3,223	1,764	1,393	216	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.9	CT	431	380	348	323	1,331	1,275	1,884	3,040	3,064	3,266	3,552	4,293	4,122	4,370	2,794	2,355	327	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EconPurch	TranEcon-Purc	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EconSale	TranEcon-Sale	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.1	CT	0	0	0	0	0	0	20,384	32,105	34,221	41,957	47,495	48,971	50,346	46,932	43,730	50,006	58,522	62,041	75,834	75,979	86,720	71,741	65,925	74,660	78,674	87,334	89,685	99,981	96,666	105,380	115,903	115,724	114,626	122,860
Gen.190MW.CT.10	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13,457	22,230	22,088	26,306	21,033	21,308	24,603	27,627	31,185	32,188	34,541	33,031	38,011	41,183	41,678	40,575	42,565
Gen.190MW.CT.11	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11,447	17,705	18,411	21,916	18,298	19,601	19,355	23,365	25,192	28,413	30,029	30,003	31,989	34,910	34,910	35,275	37,824
Gen.190MW.CT.12	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8,918	14,215	14,840	18,294	14,826	16,496	17,793	20,852	22,927	23,708	25,196	25,786	27,378	29,347	31,458	29,337	31,500
Gen.190MW.CT.13	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9,531	14,151	11,348	13,140	15,075	16,846	20,590	20,886	21,497	21,601	22,851	27,008	26,865	25,807	27,690
Gen.190MW.CT.14	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10,597	13,458	15,708	17,508	18,305	18,389	21,343	23,419	23,116	22,240	23,916
Gen.190MW.CT.15	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8,113	11,337	13,916	14,538	15,931	15,222	16,514	18,060	18,194	20,575	
Gen.190MW.CT.16	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7,482	10,305	11,683	12,853	12,679	14,506	15,961	15,559	16,018	16,239	
Gen.190MW.CT.17	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.18	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.19	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.2	CT	0	0	0	0	0	0	17,710	27,334	28,880	35,696	39,999	42,663	44,360	40,174	39,092	43,520	50,471	54,058	67,870	65,913	77,101	63,025	60,405	67,162	72,017	80,251	79,505	88,587	86,797	93,912	103,116	103,548	104,468	108,109
Gen.190MW.CT.20	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.21	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.3	CT	0	0	0	0	0	0	17,754	23,357	31,053	34,002	36,999	38,722	33,957	33,692	36,764	43,862	47,518	59,727	56,613	68,504	54,140	54,224	57,742	64,129	68,562	71,188	81,703	75,994	82,617	93,577	92,521	95,845	98,185	
Gen.190MW.CT.4	CT	0	0	0	0	0	0	0	0	21,361	28,197	31,304	32,461	29,634	29,947	31,903	38,905	40,781	52,574	51,707	57,885	47,405	47,323	51,286	56,362	60,888	64,056	71,849	68,466	74,821	82,384	82,740	84,768	87,635	
Gen.190MW.CT.5	CT	0	0	0	0	0	0	0	0	0	0	20,980	27,327	24,865	24,856	27,714	33,510	35,630	46,103	44,958	53,190	41,978	42,470	45,595	50,595	54,400	57,595	62,892	60,145	66,631	73,566	74,697	74,589	75,870	
Gen.190MW.CT.6	CT	0	0	0	0	0	0	0	0	0	0	0	15,607	21,100	24,926	28,031	31,022	40,148	38,855	41,919	37,250	36,186	40,737	45,272	48,495	51,556	57,247	53,667	59,259	64,983	65,087	66,658	69,434	
Gen.190MW.CT.7	CT	0	0	0	0	0	0	0	0	0	0	0	13,901	18,458	21,155	25,147	27,662	34,597	35,025	41,839	33,114	34,646	35,938	41,091	43,544	46,316	51,016	48,436	54,108	56,438	58,502	60,349	62,907	
Gen.190MW.CT.8	CT	0	0	0	0	0	0	0	0	0	0	0	11,647	14,352	17,149	20,738	22,789	30,065	29,383	36,189	28,996	29,736	31,471	35,916	38,835	40,844	42,305	43,501	46,394	51,852	52,375	52,534	54,029	
Gen.190MW.CT.9	CT	0	0	0	0	0	0	0	0	0	0	0	9,145	12,412	14,637	17,215	19,773	25,958	25,755	30,748	24,272	26,381	27,981	31,175	34,762	35,899	38,831	38,195	42,127	47,268	46,227	46,167	47,652	
Gen.2x1.CC.1.1	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	244,090	436,485	466,685	512,071	552,309	587,620	627,272	665,178	699,272	712,946	754,316	796,061	833,447	862,796	903,262	930,301	968,377	1,012,131	1,056,764	1,091,102	1,130,439
Gen.2x1.CC.1.1.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	24,862	34,020	38,133	43,249	45,962	54,242	55,472	60,928	76,810	87,673	94,102	100,518	109,214	113,368	123,957	121,013	129,727	137,569	136,118	144,264	148,426
Gen.2x1.CC.2.2	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	413,913	734,083	777,153	820,396	859,725	896,020	932,869	962,616	997,940	1,038,159	1,082,261	1,117,709	1,156,942
Gen.2x1.CC.2.2.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50,153	68,720	78,814	79,966	89,137	91,869	99,656	96,941	108,230	120,417	115,416	120,149	123,369
Gen.2x1.CC.3	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.3.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.4	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.4.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.5	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.5.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.6	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.6.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.7	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.7.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HEAT	DSM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hines.CC.1	Steam-CC	49,646	57,898	63,526	58,790	63,288	61,810	68,124	85,963	101,236	107,088	121,842	125,900	142,087	147,909	122,958	128,257	136,357	159,892	168,680	187,600	195,422	203,866	197,817	180,835	168,287	201,645	206,164	233,278	252,999	246,486	267,659	263,087	290,832	303,024	283,515
Hines.CC.2	Steam-CC	45,408	50,407	54,472	54,859	52,071	58,485	71,335	83,878	99,445	106,367	109,333	134,068	137,648	143,725	129,787	120,637	136,107	151,848	161,452	181,549	178,058	207,827	174,200	168,354	181,600	190,838	210,435	217,362	227,751	233,253	224,366	265,707	264,469	272,759	278,844
Hines.CC.3	Steam-CC	51,603	54,811	55,012	57,455	62,047	64,375	72,068	87,633	101,902	111,959	125,213	123,797	144,200	150,784	141,933	137,424	144,468	168,257	180,797	201,546	213,113	217,066	206,010	192,841	190,302	218,570	224,032	240,973	257,061	257,345	282,612	256,423	296,438	300,077	318,803
Hines.CC.4	Steam-CC	70,566	61,011	70,662	67,490	67,839	86,788	90,460	104,217	129,157	139,481	141,251	155,599	178,231	186,852	166,228	161,380	183,622	207,883	224,935	239,372	241,269	277,061	239,761	222,565	258,803	276,163	276,828	287,084	325,870	330,075	311,830	331,023	376,928	392,020	379,209
INT.CITY.1	CT	167	242	203	114	742	505	1,092	1,920	1,752	1,882	2,146	2,377	2,295	2,205	359	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.10	CT	297	266	225	264	997	645	1,255	2,152	2,417	2,474	2,924	3,538	3,105	2,965	1,957	1,418	2,469	3,039	480	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.11	CT	692	717	658	320	2,517	2,092	3,676	4,904	4,671	5,977	6,222	6,964	5,561	6,823	4,213	4,052	7,276	8,391	6,373	8,515	6,495	8,834	5,885	9,945	1,195	0	0	0	0	0	0	0	0	0	0
INT.CITY.12	CT	721	748	670	747	2,150	1,924	2,761	4,663	5,054	4,975	5,789	6,639	5,909	6,677	4,251	3,462	4,447	5,347	3,272	4,233	2,963	3,997	4,468	6,171	4,126	1,399	0	0	0	0	0	0	0	0	0
INT.CITY.13	CT	883	861	863	832	2,312	1,772	2,966	4,951	5,126	5,189	6,191	6,405	6,572	6,877	4,132	3,747	4,720	5,502	3,637	4,641	3,327	4,598	5,017	6,812	5,806	886	0	0	0	0	0	0	0	0	0
INT.CITY.14	CT	628	625	610	600	1,990	1,747	2,353	4,222	4,488	4,596	5,196	5,852	5,755	5,913	3,837	2,938	3,861	4,717	2,686	3,338	2,326	3,510	2,941	4,483	3,534	505	0	0	0	0	0	0	0	0	0
INT.CITY.2	CT	43	103	57	22	228	131	282	1,007	1,028	1,101	1,118	1,308	1,336	1,151	253	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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Station	Unit Type	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054
AC	DSM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anclote.1	Steam-Gas	548	650	830	771	895	1,013	1,227	1,307	1,437	1,500	1,557	1,912	1,809	1,984	1,322	1,263	1,318	1,506	1,314	1,521	1,481	1,591	559	0	0	0	0	0	0	0	0	0	0	0	0
Anclote.2	Steam-Gas	609	740	728	819	788	1,140	1,187	1,322	1,594	1,555	1,762	1,815	1,988	1,869	1,428	1,157	1,328	1,371	1,390	1,274	1,376	1,389	526	0	0	0	0	0	0	0	0	0	0	0	0
As.Avail	Cogen	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
As.Avail.PCS	Renewable	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AVON.PK_P.1	CT	78	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AVON.PK_P.2	CT	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bartow CC.1.0	Steam-CC	14,664	14,824	15,439	15,513	15,112	15,295	15,780	16,423	15,760	17,526	18,530	19,258	18,725	19,533	18,773	17,632	18,220	17,659	19,575	19,190	21,039	20,978	19,452	17,705	18,359	19,574	20,131	20,469	20,062	21,568	22,502	23,351	23,245	23,687	24,833
Bartow CC.1.PAG	Steam-CC	35	51	29	44	60	103	113	127	126	134	163	162	140	147	49	31	33	84	32	36	36	53	64	61	58	67	80	82	81	90	89	115	111	108	116
BARTOW_P.1	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BARTOW_P.2	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BARTOW_P.3	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BARTOW_P.4	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Battery Cape San Blas	Storage	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Battery Jennings	Storage	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Battery Micanopy	Storage	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Battery Trenton	Storage	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BAYBORO_P.1	CT	14	13	12	9	52	40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BAYBORO_P.2	CT	0	2	1	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BAYBORO_P.3	CT	9	12	10	7	46	35	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BAYBORO_P.4	CT	12	9	8	6	46	24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus.CC.1	Steam-CC	6,940	7,305	7,380	7,743	8,685	7,931	8,383	8,593	8,326	9,028	9,252	9,196	9,751	9,961	10,185	9,770	10,101	10,073	10,564	10,235	11,102	11,109	10,539	10,404	10,817	10,713	11,457	11,646	11,541	12,254	12,732	12,758	13,507	13,881	14,588
Citrus.CC.1.Duct	Steam-CC	341	372	349	388	407	373	388	379	387	406	428	464	466	475	426	431	456	462	482	502	515	526	430	465	500	474	536	541	542	554	615	607	654	650	686
Citrus.CC.2	Steam-CC	7,560	7,500	6,531	7,637	7,914	7,896	8,318	8,512	8,279	8,973	9,180	9,127	9,666	9,893	10,154	9,828	10,147	10,080	10,600	10,339	11,814	11,822	11,682	11,172	11,560	11,550	12,213	12,406	12,111	13,023	13,422	13,613	14,319	14,723	15,103
Citrus.CC.2.Duct	Steam-CC	344	358	355	369	349	350	362	360	389	376	393	438	432	448	393	392	400	415	418	438	450	465	350	369	383	369	416	403	398	406	460	463	476	497	514
Crystal.4	Steam-Coal	2,258	2,563	2,003	1,746	2,227	2,036	1,816	2,010	2,020	2,032	1,829	1,921	1,614	1,702	495	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Crystal.5	Steam-Coal	2,351	2,254	2,711	2,357	1,604	1,940	2,044	1,935	2,376	2,053	2,214	1,922	1,803	1,609	472	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dade.County	Renewable	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.10	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.2	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.3	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.4	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.5	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.6	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.7	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.8	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.9	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EconPurch	TranEcon-Purc	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EconSale	TranEcon-Sale	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.1	CT	0	0	0	0	0	0	420	604	599	703	748	760	771	653	571	633	702	703	842	808	900	655	567	631	648	704	722	787	765	832	905	901	876	929	
Gen.190MW.CT.10	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	123	198	193	230	152	155	174	190	213	222	232	220	256	278	276	261	276
Gen.190MW.CT.11	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	100	151	156	184	129	138	157	174	191	197	196	212	229	229	221	242	
Gen.190MW.CT.12	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74	116	118	146	100	114	120	136	147	156	160	165	178	189	197	179	196
Gen.190MW.CT.13	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74	109	74	88	98	106	131	133	133	134	141	171	164	153	168	
Gen.190MW.CT.14	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	69	81	94	107	110	111	132	144	138	129	144
Gen.190MW.CT.15	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	53	83	88	93	88	93	89	107	113	102	120
Gen.190MW.CT.16	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	44	58	68	72	71	84	94	87	87	91
Gen.190MW.CT.17	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.18	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.19	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.2	CT	0	0	0	0	0	0	0	360	511	500	592	628	659	674	553	505	544	600	607	744	693	793	567	520	564	585	641	631	690	674	729	795	799	786	811
Gen.190MW.CT.20	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.21	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.3	CT	0	0	0	0	0	0	0	328	401	512	531	566	587	461	428	455	512	526	646	587	695	479	458	478	514	537	555	628	581	635	717	706	713	728	
Gen.190MW.CT.4	CT	0	0	0	0	0	0	0	0	0	350	436	474	487	394	374	390	445	444	563	533	582	410	394	417	446	474	495	543	520	569	621	619	622	641	
Gen.190MW.CT.5	CT	0	0	0	0	0	0	0	0	0	0	0	318	406	323	302	331	378	382	487	456	528	356	347	366	393	415	439	470	450	496	548	551	536	548	
Gen.190MW.CT.6	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	188	248	292	307	325	414	390	447	308	291	323	343	364	387	423	396	437	477	474	474	495	
Gen.190MW.CT.7	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	158	202	230	260	278	342	338	395	263	270	272	302	316	336	366	346	386	398	413	413	432	
Gen.190MW.CT.8	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	125	147	177	206	219	290	275	334	221	229	234	259	276	291	294	305	319	364	359	350	360	
Gen.190MW.CT.9	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	93	123	144	164	184	239	234	277	180	198	204	218	243	252	265	261	291	325	312	303	312	
Gen.2x1.CC.1.1	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	8,430	14,820	15,251	15,592	15,923	16,370	16,821	17,170	17,481	17,402	17,872	18,266	18,654	19,037	19,655	20,076	20,738	21,390	22,059	22,520	23,090	
Gen.2x1.CC.1.1.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	767	1,015	1,099	1,162	1,172	1,341	1,318	1,395	1,708	1,913	1,994	2,065	2,191	2,242	2,416	2,346	2,496	2,612	2,553	2,676	2,722	
Gen.2x1.CC.1.2	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.2.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.3	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.3.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.4	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.4.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.5	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.5.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.6	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.6.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.7	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.7.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HEAT	DSM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hines.CC.1	Steam-CC	6,678	7,887	8,679	7,933	8,446	7,313	7,330	8,362	9,014	8,874	9,657	9,440	10,346	10,713	8,605	8,638	8,845	9,710	9,691	10,498	10,479	10,564	9,875	8,678	7,804	9,083	9,090	10,188	10,956	10,533	11,397	11,093	12,064	12,447	11,526
Hines.CC.2	Steam-CC	5,584	6,315	6,804	6,800	6,344	6,356	7,043	7,448	8,078	8,041	7,804	9,205	9,154	9,499	8,329	7,470	8,132	8,454	8,517	9,292	8,762	9,853	7,922	7,446	7,791	7,952	8,552	8,716	9,001	8,144	8,758	10,218	10,045	10,230	10,386
Hines.CC.3	Steam-CC	6,739	7,234	7,237	7,494	7,950	7,414	7,468	8,185	8,694	8,908	9,330	9,067	10,080	10,475	9,562	8,936	9,062	9,837	10,019	10,852	11,006	10,983	9,850	8,960	8,802	9,559	9,571	10,168	10,692	10,627	10,757	10,386	11,844	11,844	12,206
Hines.CC.4	Steam-CC	5,520	4,770	5,555	5,234	5,209	5,941	5,604	5,791	6,546	6,556	6,337	6,596	7,333	7,643	6,617	6,209	6,796	7,167	7,342	7,559	7,304	8,083	6,758	6,087	6,882	7,116	6,958	7,111	7,976	8,000	7,493	7,849	8,829	9,082	8,681
INT.CITY.1	CT	5	8	6	4	24	16	33	56	50	52	58	64	62	58	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.10	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.11	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.12	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.13	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.14	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.2	CT	1	3	2	1	7	4	9	30	29	31	30	35	36	31	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.3	CT	4	8	4	3	16	13	20	46	54	49	56	66	62	61	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.4	CT	7	6	4	2	19	11	19	59	63	63	81	71	74	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.5	CT	2	4	2	1	9	6	11	30	35	38	37	39	40	39	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.6	CT	10	10	8	6	40	26	45	75	74	76	84	97	86	89	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.7	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.8	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.9	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INTER	DSM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lake.County	Renewable	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

CONFIDENTIAL

VOM Rate ($/MWh)

\\s00233\grpdata\PEF Resource Planning\2020\2020-03 Clean Energy Connection\Prosym\050520\20\CEC_0MW_LF.mdb

Station	Unit Type	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054
AC	DSM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Anclote.1	Steam-Gas	1.84	1.89	1.94	1.99	2.04	2.09	2.14	2.19	2.25	2.30	2.36	2.42	2.48	2.54	2.61	2.67	2.74	2.81	2.88	2.95	3.02	3.10	3.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Anclote.2	Steam-Gas	1.84	1.89	1.94	1.99	2.04	2.09	2.14	2.19	2.25	2.30	2.36	2.42	2.48	2.54	2.61	2.67	2.74	2.81	2.88	2.95	3.02	3.10	3.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
As.Avail	Cogen	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
As.Avail.PCS	Renewable	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVON.PK_P.1	CT	15.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVON.PK_P.2	CT	15.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Bartow CC.1.0	Steam-CC	2.07	2.12	2.18	2.23	2.29	2.34	2.40	2.46	2.52	2.59	2.65	2.72	2.79	2.86	2.93	3.00	3.08	3.15	3.23	3.31	3.40	3.48	3.57	3.66	3.75	3.84	3.94	4.04	4.14	4.24	4.35	4.45	4.57	4.68	4.80
Bartow CC.1.RAG	Steam-CC	2.07	2.12	2.18	2.23	2.29	2.34	2.40	2.46	2.52	2.59	2.65	2.72	2.79	2.86	2.93	3.00	3.08	3.15	3.23	3.31	3.39	3.48	3.57	3.66	3.75	3.84	3.94	4.04	4.14	4.24	4.35	4.45	4.57	4.68	4.80
BARTOW_P.1	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BARTOW_P.2	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BARTOW_P.3	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BARTOW_P.4	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Battery Cape San Blas	Storage	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Battery Jennings	Storage	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Battery Micanopy	Storage	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Battery Trenton	Storage	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BAYBORO_P.1	CT	7.32	7.50	7.69	7.88	8.08	8.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BAYBORO_P.2	CT	8.50	7.90	8.00	9.25	8.67	8.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BAYBORO_P.3	CT	7.47	7.60	7.85	8.05	8.26	8.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BAYBORO_P.4	CT	7.52	7.70	7.89	8.10	8.30	8.51	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Citrus.CC.1	Steam-CC	1.18	1.21	1.24	1.27	1.30	1.33	1.36	1.40	1.43	1.47	1.51	1.54	1.58	1.62	1.66	1.70	1.75	1.79	1.84	1.88	1.93	1.98	2.03	2.08	2.13	2.18	2.24	2.29	2.35	2.41	2.47	2.53	2.59	2.66	2.72
Citrus.CC.1.Duct	Steam-CC	1.18	1.21	1.24	1.27	1.30	1.33	1.36	1.40	1.43	1.47	1.51	1.54	1.58	1.62	1.66	1.70	1.75	1.79	1.84	1.88	1.93	1.98	2.03	2.08	2.13	2.18	2.24	2.29	2.35	2.41	2.47	2.53	2.59	2.66	2.72
Citrus.CC.2	Steam-CC	1.18	1.21	1.24	1.27	1.30	1.33	1.36	1.40	1.43	1.47	1.51	1.54	1.58	1.62	1.66	1.70	1.75	1.79	1.84	1.88	1.93	1.98	2.03	2.08	2.13	2.18	2.24	2.29	2.35	2.41	2.47	2.53	2.59	2.66	2.72
Citrus.CC.2.Duct	Steam-CC	1.18	1.21	1.24	1.27	1.30	1.33	1.36	1.40	1.43	1.47	1.51	1.54	1.58	1.62	1.66	1.70	1.75	1.79	1.84	1.88	1.93	1.98	2.03	2.08	2.13	2.18	2.24	2.29	2.35	2.41	2.47	2.53	2.59	2.66	2.72
Crystal.4	Steam-Coal	1.25	1.28	1.31	1.35	1.38	1.41	1.45	1.49	1.52	1.56	1.60	1.64	1.68	1.72	1.77	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Crystal.5	Steam-Coal	1.25	1.28	1.31	1.35	1.38	1.41	1.45	1.49	1.52	1.56	1.60	1.64	1.68	1.72	1.77	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Dade.County	Renewable	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.10	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.2	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.3	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.4	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.5	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.6	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.7	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.8	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.9	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EconPurch	TranEcon-Purc	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EconSale	TranEcon-Sale	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.1	CT	0.00	0.00	0.00	0.00	0.00	0.00	1.10	1.12	1.15	1.18	1.21	1.24	1.27	1.30	1.34	1.37	1.40	1.44	1.47	1.51	1.55	1.59	1.63	1.67	1.71	1.75	1.80	1.84	1.89	1.94	1.98	2.03	2.08	2.14
Gen.190MW.CT.10	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.11	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.12	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.13	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.14	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.15	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.16	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.17	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.18	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.19	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.2	CT	0.00	0.00	0.00	0.00	0.00	0.00	1.10	1.12	1.15	1.18	1.21	1.24	1.27	1.30	1.34	1.37	1.40	1.44	1.47	1.51	1.55	1.59	1.63	1.67	1.71	1.75	1.80	1.84	1.89	1.94	1.98	2.03	2.08	2.14
Gen.190MW.CT.20	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.21	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.3	CT	0.00	0.00	0.00	0.00	0.00	0.00	1.12	1.15	1.18	1.21	1.24	1.27	1.30	1.34	1.37	1.40	1.44	1.47	1.51	1.55	1.59	1.63	1.67	1.71	1.75	1.80	1.84	1.89	1.94	1.98	2.03	2.08	2.14	2.14
Gen.190MW.CT.4	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.18	1.21	1.24	1.27	1.30	1.34	1.37	1.40	1.44	1.47	1.51	1.55	1.59	1.63	1.67	1.71	1.75	1.80	1.84	1.89	1.93	1.98	2.03	2.08	2.14
Gen.190MW.CT.5	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.24	1.27	1.30	1.34	1.37	1.40	1.44	1.47	1.51	1.55	1.59	1.63	1.67	1.71	1.75	1.80	1.84	1.89	1.93	1.98	2.03	2.08	2.14	2.14
Gen.190MW.CT.6	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.30	1.34	1.37	1.40	1.44	1.47	1.51	1.55	1.59	1.63	1.67	1.71	1.75	1.80	1.84	1.89	1.94	1.98	2.03	2.08	2.14	2.14
Gen.190MW.CT.7	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.30	1.34	1.37	1.40	1.44	1.47	1.51	1.55	1.59	1.63	1.67	1.71	1.75	1.80	1.84	1.89	1.93	1.98	2.03	2.08	2.14	2.14
Gen.190MW.CT.8	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.30	1.34	1.37	1.40	1.44	1.47	1.51	1.55	1.59	1.63	1.67	1.71	1.75	1.80	1.84	1.89	1.93	1.98	2.03	2.08	2.14	2.14
Gen.190MW.CT.9	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.30	1.34	1.37	1.40	1.44	1.47	1.51	1.55	1.59	1.63	1.67	1.71	1.75	1.80	1.84	1.89	1.94	1.98	2.03	2.08	2.14	2.14
Gen.2x1.CC.1.1	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.69	1.74	1.78	1.82	1.87	1.92	1.97	2.01	2.06	2.12	2.17	2.22	2.28	2.34	2.39	2.45	2.52	2.58	2.64	2.71	2.78
Gen.2x1.CC.1.1.Duct	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.03	2.08	2.13	2.18	2.24	2.29	2.35	2.41	2.47	2.53	2.60	2.66	2.73	2.80	2.86	2.94	3.01	3.09	3.16	3.24	3.32
Gen.2x1.CC.1.2	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.06	2.12	2.17	2.22	2.28	2.34	2.39	2.45	2.52	2.58	2.64	2.71	2.78
Gen.2x1.CC.1.2.Duct	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.47	2.53	2.60	2.66	2.73	2.80	2.86	2.94	3.01	3.09	3.16	3.24	3.32
Gen.2x1.CC.1.3	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.2x1.CC.1.3.Duct	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.2x1.CC.4	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.2x1.CC.4.Duct	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.2x1.CC.1.5	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.

CONFIDENTIAL

Dispatch Price ($/MWh)

\\s00233\grpdata\PEF Resource Planning\2020\2020-03 Clean Energy Connection\Prosym\0505202012CEC_750MW.mdb

Station	Unit Type	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054
AC	DSM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Anclote.1	Steam-Gas	33.25	33.93	35.33	36.69	37.76	45.28	51.52	59.67	69.01	77.10	81.20	88.16	94.75	94.67	102.66	111.07	118.97	130.61	141.28	149.80	160.43	170.08	179.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Anclote.2	Steam-Gas	36.60	36.51	38.59	39.88	42.12	49.03	56.26	64.87	74.63	84.11	90.14	94.96	102.00	101.10	112.88	122.78	131.79	143.83	156.36	165.76	177.95	187.85	196.81	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
As.Avail	Cogen	20.48	20.63	21.06	21.49	22.50	28.68	34.37	41.05	47.92	55.49	61.19	68.07	71.78	75.45	76.70	80.35	90.24	99.89	107.46	118.97	125.81	138.51	143.70	149.52	157.63	167.40	177.23	186.21	196.54	205.39	213.36	221.37	231.44	241.55	252.48
As.Avail.PCS	Renewable	20.50	20.83	21.16	21.49	22.58	30.38	37.82	46.69	56.03	64.31	72.60	78.84	86.04	90.51	94.59	98.94	111.20	125.99	140.22	152.14	163.57	177.71	187.14	198.91	209.64	224.22	237.78	249.88	263.13	274.45	287.14	303.76	312.95	325.77	341.30
AVON.PK_P.1	CT	105.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVON.PK_P.2	CT	553.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Bartow CC.1.0	Steam-CC	19.47	19.75	20.36	20.96	22.24	26.10	29.96	34.53	39.87	44.27	47.68	51.33	55.08	56.56	59.79	63.31	67.73	74.35	80.30	84.82	90.91	96.34	102.09	107.94	114.09	120.99	127.14	131.97	137.87	143.04	147.62	152.91	158.62	164.19	169.88
Bartow CC.1.PAG	Steam-CC	23.75	23.42	24.87	25.55	27.47	32.54	37.51	43.80	50.60	55.85	60.78	65.17	70.63	72.72	74.63	79.76	84.87	92.61	99.02	105.18	110.71	118.05	124.73	130.89	137.49	145.40	153.43	158.29	165.63	174.09	178.46	185.27	191.70	199.63	206.14
BARTOW_P.1	CT	280.31	262.18	281.00	298.33	296.48	324.40	325.59	333.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BARTOW_P.2	CT	49.73	46.91	53.47	52.11	56.81	67.92	75.35	85.18	95.84	104.26	113.88	122.70	129.06	132.50	136.54	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BARTOW_P.3	CT	287.39	246.03	277.81	297.33	292.29	319.25	338.36	355.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BARTOW_P.4	CT	45.27	43.46	53.10	47.73	53.64	63.47	71.83	83.93	92.86	102.73	115.27	120.41	124.42	124.79	130.99	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Battery Cape San Blas	Storage	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Battery Jennings	Storage	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Battery Micanopy	Storage	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Battery Trenton	Storage	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BAYBORO_P.1	CT	215.85	215.65	221.91	224.36	228.43	240.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BAYBORO_P.2	CT	283.50	227.55	246.00	297.00	259.78	268.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BAYBORO_P.3	CT	217.38	215.52	220.02	225.42	229.50	240.63	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BAYBORO_P.4	CT	216.31	213.70	220.32	224.04	229.08	240.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Citrus.CC.1	Steam-CC	17.07	17.24	17.72	18.12	19.14	22.69	26.11	30.36	35.32	39.44	42.51	45.77	49.16	50.53	53.67	56.80	60.76	66.94	72.41	76.62	82.04	87.10	92.62	97.50	102.93	109.33	114.93	119.34	124.78	129.61	133.69	138.62	143.54	148.65	153.77
Citrus.CC.1.Duct	Steam-CC	18.57	18.64	19.29	19.64	20.90	25.21	29.46	34.34	40.33	44.64	48.86	52.57	56.00	57.63	61.44	64.72	69.62	76.96	82.79	87.78	94.67	100.11	106.95	113.13	119.63	126.25	133.83	138.52	145.05	149.68	155.59	161.38	167.00	172.98	179.62
Citrus.CC.2	Steam-CC	17.08	17.29	17.65	18.19	19.24	22.71	26.14	30.41	35.38	39.50	42.60	45.86	49.16	50.53	53.68	56.90	60.78	66.92	72.18	76.46	81.90	86.83	92.26	97.03	102.51	108.94	114.48	118.97	124.40	129.15	133.28	138.51	143.48	148.52	153.70
Citrus.CC.2.Duct	Steam-CC	18.43	18.51	18.97	19.56	20.75	25.07	29.26	34.46	40.13	44.29	48.73	52.32	55.66	57.26	60.67	64.16	68.60	76.12	81.90	86.75	92.91	98.92	105.72	111.56	117.82	125.18	132.08	136.52	143.15	147.57	153.48	159.01	164.44	170.39	177.13
Crystal.4	Steam-Coal	26.20	26.67	28.23	30.49	31.88	40.65	47.53	54.04	60.70	67.11	72.89	83.28	89.91	98.84	109.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Crystal.5	Steam-Coal	25.66	26.31	27.70	30.31	31.44	39.82	46.66	53.14	59.79	66.23	72.02	81.86	88.94	97.50	108.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Dade.County	Renewable	20.34	20.73	21.10	22.13	22.57	36.92	37.67	46.40	55.92	64.28	71.24	78.87	85.79	90.93	94.32	98.10	111.87	127.11	138.94	150.31	164.40	178.51	187.49	198.41	211.24	223.37	237.86	250.03	262.48	275.60	287.02	302.47	313.92	325.51	339.36
DEBARY.10	CT	227.35	223.02	235.84	241.35	243.42	256.07	267.72	286.49	296.37	311.78	323.13	337.70	345.10	360.68	380.58	388.43	414.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.2	CT	271.32	262.36	271.27	298.21	282.75	307.22	330.27	342.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.3	CT	279.85	254.71	272.00	288.73	289.54	298.74	313.46	338.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.4	CT	275.73	246.85	275.04	308.07	290.27	304.85	318.72	359.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.5	CT	276.08	245.21	276.18	307.40	288.23	307.83	309.29	338.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.6	CT	277.84	253.67	276.55	312.93	287.12	304.35	318.84	342.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.7	CT	46.38	41.58	50.03	49.83	53.81	60.03	68.34	79.96	90.26	98.73	106.74	115.47	119.82	121.43	138.58	146.15	160.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.8	CT	45.73	42.41	45.30	47.73	53.01	61.79	68.97	80.42	89.79	98.77	107.65	114.92	120.83	121.54	137.19	145.83	152.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.9	CT	45.25	44.47	47.46	52.01	52.84	62.27	69.76	79.84	90.56	99.52	106.51	115.31	120.38	121.30	139.06	146.95	156.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EconPurch	TranEcon-Purc	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EconSale	TranEcon-Sale	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.1	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	57.27	64.91	71.69	77.84	83.95	89.23	92.53	105.88	114.15	120.94	132.31	141.90	148.13	160.94	167.92	196.60	212.07	219.94	232.67	241.68	250.10	264.18	269.37	277.78	287.53	295.46	303.66	310.60
Gen.190MW.CT.10	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	171.65	174.73	184.03	190.68	226.17	242.79	248.34	260.03	273.59	281.70	298.71	303.01	313.55	319.24	325.90	340.40	343.46
Gen.190MW.CT.11	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.12	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	252.87	268.01	283.67	291.91	309.62	313.21	325.34	322.81	339.42	355.21	352.25
Gen.190MW.CT.13	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	255.21	271.37	288.44	297.91	310.16	316.55	329.54	319.55	343.16	356.87	356.38
Gen.190MW.CT.14	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	272.99	293.77	304.85	310.89	321.97	336.42	327.79	351.34	361.45	359.90
Gen.190MW.CT.15	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	291.85	304.28	315.61	325.37	341.01	329.23	359.68	366.07	360.15		
Gen.190MW.CT.16	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.17	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.18	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.19	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.2	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	72.19	78.35	84.45	90.12	92.78	106.89	115.82	121.45	133.37	141.77	150.49	161.60	167.93	196.95	213.84	222.13	235.13	243.17	253.67	266.65	272.92	280.29	288.29	298.06	308.06	312.68
Gen.190MW.CT.20	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.21	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.3	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	85.01	90.78	93.25	108.92	117.83	123.91	136.59	143.80	152.41	163.25	170.03	200.12	216.30	225.21	237.50	248.23	257.96	269.06	274.93	283.38	290.71	299.81	310.16	314.47
Gen.190MW.CT.4	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	93.37	111.27	120.83	125.77	137.67	145.85	154.04	164.39	171.31	204.78	220.73	226.83	239.89	249.62	258.51	273.96	278.06	286.93	293.43	302.41	315.22	318.66
Gen.190MW.CT.5	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	117.09	123.80	128.16	140.82	147.92	156.20	166.75	173.96	205.85	224.15	230.21	241.56	253.10	262.28	275.68	283.09	290.26	296.82	307.14	317.83	319.93
Gen.190MW.CT.6	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	120.06	126.69	132.58	144.58	150.34	159.74	169.16	176.54	208.41	227.54	233.20	246.03	255.05	266.23	280.36	284.56	294.74	300.21	309.32	321.80	324.85
Gen.190MW.CT.7	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	123.76	129.36	136.50	147.42	155.20	162.21	170.86	178.90	213.41	232.58	238.00	250.23	260.08	270.72	283.75	288.43	299.55	307.22	316.95	327.20	331.16
Gen.190MW.CT.8	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	141.78	150.23	158.69	166.00	174.53	182.46	215.54	236.06	239.10	253.14	265.51	274.91	288.87	292.38	304.22	309.48	318.55	332.75	337.14
Gen.190MW.CT.9	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	164.86	169.89	178.38	188.08	222.53	239.61	244.49	256.66	267.49	276.57	292.53	298.08	307.65	313.30	321.41	334.79	342.45
Gen.2x1.CC.1.1	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	54.28	56.57	60.49	66.54	71.89	76.07	81.35	86.33	91.54	96.35	101.71	108.06	113.55	117.93	123.25	128.03	132.01	136.95	141.91	146.84	151.87
Gen.2x1.CC.1.1.Duct	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	71.52	75.02	80.14	88.48	95.28	100.81	108.12	114.68	121.77	127.64	134.87	143.12	150.44	156.19	163.70	169.18	174.54	181.12	187.61	194.37	200.99
Gen.2x1.CC.1.2	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	92.28	96.05	101.43	107.69	113.20	117.56	122.87	127.69	131.69	136.60	141.58	146.59	151.64
Gen.2x1.CC.1.2.Duct	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	121.97	127.59	134.83	143.18	150.40	156.10	163.76	168.78	174.47	181.16	187.49	194.12	200.88
Gen.2x1.CC.3	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.2x1.CC.3.Duct	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.2x1.CC.4	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.2x1.CC.4.Duct	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.2x1.CC.5	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

CONFIDENTIAL

Fixed Cost ($000)

\\s00233\grpdata\PEF Resource Planning\2020\2020-03 Clean Energy Connection\Prosym\050S2020\CEC_750MW.mdb

Station	Unit Type	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054
AC	DSM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anclote.1	Steam-Gas	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anclote.2	Steam-Gas	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
As.Avail	Cogen	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
As.Avail.PCS	Renewable	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AVON.PK_P.1	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AVON.PK_P.2	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bartow CC.1.0	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bartow CC.1.PAG	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BARTOW_P.1	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BARTOW_P.2	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BARTOW_P.3	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BARTOW_P.4	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Battery Cape San Blas	Storage	48	146	176	237	240	244	249	253	257	261	266	270	240	174	205	266	270	275	280	285	290	295	300	305	310	215	0	0	0	0	0	0	0	0	0
Battery Jennings	Storage	79	241	247	242	230	231	232	234	236	237	239	241	236	225	236	255	260	265	270	275	280	285	290	295	301	208	0	0	0	0	0	0	0	0	0
Battery Micanopy	Storage	79	241	247	242	230	231	232	234	236	237	239	241	236	225	236	255	260	265	270	275	280	285	290	295	301	208	0	0	0	0	0	0	0	0	0
Battery Trenton	Storage	79	241	247	242	230	231	232	234	236	237	239	241	236	225	236	255	260	265	270	275	280	285	290	295	301	208	0	0	0	0	0	0	0	0	0
BAYBORO_P.1	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BAYBORO_P.2	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BAYBORO_P.3	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BAYBORO_P.4	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus.CC.1	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus.CC.1.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus.CC.2	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus.CC.2.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Crystal.4	Steam-Coal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Crystal.5	Steam-Coal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dade.County	Renewable	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.10	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.2	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.3	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.4	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.5	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.6	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.7	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.8	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.9	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EconPurch	TranEcon-Purc	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EconSale	TranEcon-Sale	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.1	CT	0	0	0	0	0	0	257	452	463	475	487	499	511	524	537	551	564	578	593	608	623	638	654	671	688	705	722	740	759	778	797	817	838	859	
Gen.190MW.CT.10	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	712	1,252	1,283	1,315	1,348	1,382	1,416	1,451	1,488	1,525	1,563	1,602	1,642	1,683	1,725	1,768	1,813
Gen.190MW.CT.11	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	746	1,315	1,348	1,382	1,416	1,451	1,488	1,525	1,563	1,602	1,642	1,683	1,725	1,768	1,813
Gen.190MW.CT.12	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	826	1,451	1,488	1,525	1,563	1,602	1,642	1,683	1,725	1,768	1,813
Gen.190MW.CT.13	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	826	1,451	1,488	1,525	1,563	1,602	1,642	1,683	1,725	1,768	1,813
Gen.190MW.CT.14	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	847	1,488	1,525	1,563	1,602	1,642	1,683	1,725	1,768	1,813
Gen.190MW.CT.15	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	868	1,525	1,563	1,602	1,642	1,683	1,725	1,768	1,813
Gen.190MW.CT.16	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.17	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.18	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.19	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.2	CT	0	0	0	0	0	0	0	0	270	475	487	499	511	524	537	551	564	578	593	608	623	638	654	671	688	705	722	740	759	778	797	817	838	859	
Gen.190MW.CT.20	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.21	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.3	CT	0	0	0	0	0	0	0	0	0	284	499	511	524	537	551	564	578	593	608	623	638	654	671	688	705	722	740	759	778	797	817	838	859		
Gen.190MW.CT.4	CT	0	0	0	0	0	0	0	0	0	0	298	524	537	551	564	578	593	608	623	638	654	671	688	705	722	740	759	778	797	817	838	859			
Gen.190MW.CT.5	CT	0	0	0	0	0	0	0	0	0	0	0	306	537	551	564	578	593	608	623	638	654	671	688	705	722	740	759	778	797	817	838	859			
Gen.190MW.CT.6	CT	0	0	0	0	0	0	0	0	0	0	0	306	537	551	564	578	593	608	623	638	654	671	688	705	722	740	759	778	797	817	838	859			
Gen.190MW.CT.7	CT	0	0	0	0	0	0	0	0	0	0	0	645	1,134	1,162	1,191	1,221	1,252	1,283	1,315	1,348	1,382	1,416	1,451	1,488	1,525	1,563	1,602	1,642	1,683	1,725	1,768	1,813			
Gen.190MW.CT.8	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	678	1,191	1,221	1,252	1,283	1,315	1,348	1,382	1,416	1,451	1,488	1,525	1,563	1,602	1,642	1,683	1,725	1,768	1,813			
Gen.190MW.CT.9	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	712	1,252	1,283	1,315	1,348	1,382	1,416	1,451	1,488	1,525	1,563	1,602	1,642	1,683	1,725	1,768	1,813				
Gen.2x1.CC.1.1	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	3,851	6,767	6,937	7,110	7,288	7,470	7,657	7,848	8,044	8,245	8,452	8,663	8,879	9,101	9,329	9,562	9,801	10,046	10,297	10,555	10,819		
Gen.2x1.CC.1.1.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	791	1,390	1,425	1,460	1,497	1,534	1,573	1,612	1,652	1,693	1,736	1,779	1,824	1,869	1,916	1,964	2,013	2,063	2,115	2,168	2,222		
Gen.2x1.CC.1.2	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4,693	8,245	8,452	8,663	8,879	9,101	9,329	9,562	9,801	10,046	10,297	10,555	10,819	
Gen.2x1.CC.1.2.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	964	1,693	1,736	1,779	1,824	1,869	1,916	1,964	2,013	2,063	2,115	2,168	2,222		
Gen.2x1.CC.1.3	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.3.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.4	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.4.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.5	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.5.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.6	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.6.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.7	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.7.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HEAT	DSM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hines.CC.1	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hines.CC.2	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hines.CC.3	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hines.CC.4	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.1	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.10	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.11	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.12	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.13	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.14	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.2	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.3	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.4	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.5	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.6	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.7	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.8	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.9	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INTER	DSM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lake.County	Renewable	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LEE.County.Res	Renewable	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mulberry	Cogen	97,306	101,979	107,186	112,648	48,439	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

CONFIDENTIAL

Fuel Cost ($000)

\\s00233\grpdata\PEF Resource Planning\2020\2020-03 Clean Energy Connection\Prosym\0505202O\CEC_750MW.mdb

Station	Unit Type	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054
AC	DSM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anclote.1	Steam-Gas	9,115	10,750	13,495	12,299	14,371	16,577	20,685	22,275	26,729	29,452	28,969	36,710	35,882	44,033	36,956	36,460	35,870	41,016	39,651	45,399	42,327	49,567	46,500	0	0	0	0	0	0	0	0	0	0	0	0
Anclote.2	Steam-Gas	11,322	13,330	13,292	14,840	14,836	19,683	21,071	25,334	33,548	31,550	36,904	38,149	42,884	46,854	41,560	37,701	39,840	41,527	43,547	43,009	46,594	47,274	48,382	0	0	0	0	0	0	0	0	0	0	0	0
As.Avail	Cogen	36	36	37	38	40	47	54	63	72	82	89	98	103	105	105	108	120	130	136	150	157	171	174	178	187	196	207	216	229	237	244	252	265	274	287
As.Avail.PCS	Renewable	2,137	2,162	2,199	2,231	2,349	2,725	3,152	3,734	4,366	4,873	5,382	5,689	6,114	6,221	6,301	6,405	6,928	7,661	8,375	8,840	9,261	9,957	10,154	10,605	10,971	11,673	12,331	12,801	13,449	13,794	14,335	15,289	15,515	16,033	16,886
AVON.PK_P.1	CT	455	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AVON.PK_P.2	CT	141	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bartow CC.1.0	Steam-CC	122,862	122,742	127,911	125,944	125,744	135,425	149,783	171,016	183,516	213,124	229,467	248,856	249,135	251,781	244,500	237,724	242,749	246,273	276,178	264,980	293,954	302,034	286,776	263,014	272,344	297,640	313,760	314,845	310,138	335,128	341,332	355,955	354,346	366,706	389,846
Bartow CC.1.PAG	Steam-CC	361	514	274	420	447	730	797	1,201	1,328	1,207	1,669	2,272	2,293	2,534	867	663	693	835	994	1,072	1,107	1,246	1,463	1,504	1,621	1,589	1,763	1,577	1,612	1,651	1,857	1,983	2,027	2,178	2,542
BARTOW_P.1	CT	40	78	39	15	107	110	198	28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BARTOW_P.2	CT	67	74	70	11	184	102	251	599	838	734	1,068	803	974	822	132	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BARTOW_P.3	CT	70	80	65	15	134	63	246	34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BARTOW_P.4	CT	97	108	63	40	212	209	348	616	933	743	1,080	1,009	1,132	1,152	180	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Battery Cape San Blas	Storage	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Battery Jennings	Storage	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Battery Micanopy	Storage	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Battery Trenton	Storage	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BAYBORO_P.1	CT	379	347	275	76	668	566	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BAYBORO_P.2	CT	10	67	21	5	22	22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BAYBORO_P.3	CT	240	329	211	76	612	506	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BAYBORO_P.4	CT	312	246	180	56	578	334	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus.CC.1	Steam-CC	93,355	96,779	98,042	102,609	118,853	115,473	130,500	146,544	158,245	182,710	191,737	195,552	210,842	209,153	217,849	209,879	213,532	221,721	232,439	227,077	256,985	257,115	246,026	243,849	256,568	264,587	283,741	287,939	288,759	302,083	309,535	317,375	341,980	351,237	368,910
Citrus.CC.1.Duct	Steam-CC	5,033	5,361	5,054	5,507	5,829	5,934	6,107	7,043	7,739	8,416	9,819	10,538	10,782	10,903	9,792	9,655	10,462	10,289	10,580	11,373	13,068	12,901	10,927	11,980	12,817	12,684	14,848	14,716	14,925	15,322	16,323	16,036	17,124	17,961	19,079
Citrus.CC.2	Steam-CC	101,835	99,713	86,419	101,101	106,100	113,280	127,005	142,327	154,273	176,713	186,023	190,982	210,285	209,078	218,499	211,023	214,087	224,926	247,970	235,998	270,962	274,699	272,660	263,979	273,862	279,852	301,948	303,506	303,833	321,743	328,297	321,106	343,343	354,099	368,471
Citrus.CC.2.Duct	Steam-CC	5,024	5,114	5,061	5,300	4,981	5,613	5,718	6,906	7,400	7,722	9,169	9,851	10,028	10,303	8,710	8,764	8,984	9,081	9,341	9,745	10,504	11,013	8,422	8,848	9,536	9,483	11,103	10,447	10,241	11,199	11,349	11,452	11,915	12,559	13,400
Crystal.4	Steam-Coal	42,338	47,892	38,306	34,706	44,217	46,525	45,086	54,776	59,502	67,822	67,276	73,852	65,018	63,513	16,231	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Crystal.5	Steam-Coal	43,362	41,531	50,663	46,474	31,924	42,872	49,910	52,452	71,788	69,229	82,598	76,758	78,834	57,456	17,695	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dade.County	Renewable	1,788	1,817	1,845	1,910	1,983	2,323	2,650	3,125	3,680	4,133	4,433	4,812	5,142	5,288	5,300	5,395	5,907	6,575	6,959	7,303	7,915	8,471	8,600	8,913	9,406	9,792	10,409	10,824	11,292	11,761	12,109	12,810	13,196	13,525	14,087
DEBARY.10	CT	300	337	262	103	557	410	916	1,847	2,948	2,163	3,231	2,201	3,005	2,509	2,230	2,478	378	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.2	CT	82	100	63	60	140	118	230	45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.3	CT	112	180	103	55	226	169	450	62	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.4	CT	97	136	68	34	156	170	396	34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.5	CT	88	126	83	50	201	149	305	51	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.6	CT	93	151	97	35	280	184	496	45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.7	CT	299	219	240	138	570	501	835	1,588	2,266	1,916	2,665	2,259	2,555	2,367	1,891	1,842	254	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.8	CT	172	180	121	79	375	387	631	1,189	1,792	1,463	2,061	1,983	2,189	1,818	1,408	1,372	247	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.9	CT	319	287	243	134	647	582	900	1,748	2,504	1,967	2,858	2,474	2,727	2,590	2,070	2,098	316	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EconPurch	TranEcon-Purc	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EconSale	TranEcon-Sale	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.1	CT	0	0	0	0	0	0	12,446	19,237	16,720	22,290	26,254	28,771	31,188	27,082	26,237	28,723	32,770	33,341	41,165	39,776	43,803	35,316	32,474	36,146	39,193	42,208	43,722	46,693	45,498	48,086	51,048	50,485	53,283	58,433
Gen.190MW.CT.10	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6,229	8,860	9,301	11,401	8,884	8,548	10,373	11,487	13,318	13,700	13,775	14,238	15,161	15,692	17,271	17,501	20,600
Gen.190MW.CT.11	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6,402	8,182	7,169	6,920	10,966	9,741	10,566	11,761	11,806	12,175	13,204	13,994	14,866	17,953
Gen.190MW.CT.12	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6,264	8,518	9,550	9,656	9,551	10,048	10,772	11,799	12,045	12,709	15,356
Gen.190MW.CT.13	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4,976	6,672	7,678	7,941	8,175	8,411	9,325	10,223	10,531	10,719	13,133
Gen.190MW.CT.14	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4,785	5,890	6,259	6,725	6,805	7,509	8,684	8,696	8,572	10,935
Gen.190MW.CT.15	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4,263	4,878	5,483	5,514	5,878	7,140	6,617	6,956	9,208
Gen.190MW.CT.16	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.17	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.18	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.19	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.2	CT	0	0	0	0	0	0	0	0	0	11,600	18,421	21,604	24,229	26,414	23,258	22,389	25,727	29,605	30,610	35,582	34,021	38,932	30,975	28,615	32,661	35,171	38,221	38,626	40,095	41,121	43,564	46,126	45,965	47,218	51,741
Gen.190MW.CT.20	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.21	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.3	CT	0	0	0	0	0	0	0	0	0	0	0	14,480	19,953	22,356	20,242	19,818	21,792	25,088	25,720	31,325	29,257	34,763	27,134	24,727	28,439	31,058	32,658	33,073	37,282	35,763	37,727	41,158	40,738	43,144	46,786
Gen.190MW.CT.4	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	15,376	16,021	16,295	18,426	21,435	22,548	27,076	25,761	30,142	22,731	22,052	25,738	27,212	29,867	30,221	32,259	31,552	33,994	36,198	35,626	37,076	41,112
Gen.190MW.CT.5	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10,718	13,614	15,908	18,328	19,692	23,692	22,304	26,747	20,041	19,282	22,156	24,812	26,628	27,249	28,490	26,686	30,049	32,621	32,057	34,973	36,980
Gen.190MW.CT.6	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8,916	11,246	13,052	14,976	17,215	19,607	18,695	22,357	18,015	16,391	19,260	21,767	23,289	24,014	25,204	25,802	26,123	28,723	28,568	30,117	33,544
Gen.190MW.CT.7	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7,158	9,110	10,600	12,962	14,088	16,902	15,998	19,214	15,076	14,533	16,184	19,130	20,187	20,855	21,956	21,999	22,687	24,010	23,945	26,678	30,172
Gen.190MW.CT.8	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7,627	10,364	11,817	13,643	13,603	16,559	12,746	12,145	14,354	16,299	17,490	17,660	19,103	18,671	19,602	21,031	22,093	23,552	25,267
Gen.190MW.CT.9	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7,922	11,097	11,137	13,285	10,459	10,359	12,755	13,879	15,630	15,947	16,483	16,541	17,516	19,226	19,669	20,124	23,076
Gen.2x1.CC.1.1	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	184,593	319,110	326,449	347,722	363,270	370,474	386,225	398,927	408,265	403,134	421,501	440,989	457,592	464,125	483,950	489,603	501,057	515,568	534,008	551,375	568,439
Gen.2x1.CC.1.1.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17,358	22,404	23,451	27,520	27,048	31,626	32,877	35,143	41,037	45,791	48,140	51,065	56,285	57,133	63,604	60,155	62,738	64,951	67,166	70,423	70,742
Gen.2x1.CC.1.2	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	246,965	420,350	436,998	460,584	477,625	483,056	502,502	511,174	520,014	536,467	552,861	567,537	582,888
Gen.2x1.CC.1.2.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	27,858	37,294	40,673	43,161	45,028	46,164	51,621	48,617	52,804	56,682	56,714	57,461	59,680
Gen.2x1.CC.1.3	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.3.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.4	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.4.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.5	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.5.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.6	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.6.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.7	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.7.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HEAT	DSM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hines.CC.1	Steam-CC	42,803	49,803	53,715	48,403	50,981	48,270	51,850	65,916	75,729	80,041	90,121	89,902	103,058	105,257	84,377	88,519	90,776	101,394	103,690	116,665	118,974	116,672	110,772	96,447	95,160	113,149	114,948	122,289	131,590	126,439	133,625	126,114	142,977	149,340	141,408
Hines.CC.2	Steam-CC	39,572	43,792	46,789	46,233	43,696	47,005	55,908	65,275	76,798	81,547	81,818	99,309	101,964	103,027	92,100	84,264	90,026	99,323	100,690	111,396	102,970	121,079	97,723	97,059	100,810	104,200	115,598	113,686	121,389	121,071	114,433	135,200	132,758	136,615	140,502
Hines.CC.3	Steam-CC	44,573	47,258	47,264	48,312	51,934	51,322	56,021	67,183	80,133	85,769	94,843	94,932	104,773	108,439	101,981	96,004	97,021	109,820	114,388	123,277	125,655	123,854	115,087	105,218	107,182	119,841	120,837	128,559	130,278	131,058	133,959	127,981	143,717	148,065	156,642
Hines.CC.4	Steam-CC	64,953	56,150	64,654	60,500	59,781	71,591	71,595	82,325	104,172	111,736	107,807	118,515	136,626	137,043	120,553	115,472	124,919	138,163	143,344	146,567	149,405	162,975	137,702	126,236	143,816	153,414	151,610	153,524	171,127	171,487	159,273	168,912	189,178	195,504	187,638
INT.CITY.1	CT	154	227	157	54	389	287	633	1,138	1,829	1,520	2,126	1,632	1,960	1,660	193	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.10	CT	214	204	204	99	469	372	901	1,216	1,742	1,426	2,104	1,838	1,908	1,991	1,591	1,506	1,759	1,858	382	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.11	CT	589	623	470	202	978	854	1,754	3,442	5,008	4,134	5,984	3,922	4,907	4,504	3,638	4,367	5,802	6,279	5,630	7,607	5,909	7,001	5,558	6,385	1,099	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.12	CT	556	555	450	401	1,083	961	1,443	3,028	4,138	3,282	4,574	4,048	4,048	4,044	3,121	2,956	3,186	3,306	2,548	3,158	2,298	3,040	3,136	3,564	2,460	573	0	0	0	0	0	0	0	0	0	0
INT.CITY.13	CT	674	641	582	462	1,226	904	1,636	3,246	4,291	3,669	4,777	4,164	4,606	4,298	3,173	3,259	3,350	3,664	2,734	3,445	2,427	3,234	3,338	3,774	3,354	378	0	0	0	0	0	0	0	0	0	0
INT.CITY.14	CT	481	478	398	324	808	862	1,240	2,697	3,829	3,148	4,316	3,748	4,032	3,768	2,899	2,674	2,736	3,272	2,193	2,745	1,966	2,544	2,327	2,461	2,126	194	0	0	0	0	0	0	0	0	0	0
INT.CITY.2	CT	41	98	61	20	126	64	159	440	1,175	885	1,187	907	1,219	979	47	0	0

CONFIDENTIAL

Fuel Rate ($/MMBtu)

\\s00233\grpdata\PEF Resource Planning\2020\2020-03 Clean Energy Connection\Prosym\050520\CEC_750MW.mdb

Station	Unit Type	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054
AC	DSM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Anclote.1	Steam-Gas	2.46	2.51	2.60	2.70	2.81	3.10	3.35	3.82	4.35	4.72	4.98	5.24	5.54	5.50	5.71	5.95	6.03	6.45	6.75	6.87	7.17	7.42	7.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Anclote.2	Steam-Gas	2.49	2.49	2.59	2.67	2.85	3.09	3.39	3.81	4.35	4.72	4.97	5.24	5.54	5.51	5.72	5.95	6.03	6.46	6.75	6.88	7.17	7.42	7.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
As.Avail	Cogen	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
As.Avail.PCS	Renewable	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVON.PK_P.1	CT	2.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVON.PK_P.2	CT	14.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Bartow CC.1.0	Steam-CC	2.48	2.51	2.60	2.67	2.84	3.09	3.40	3.80	4.33	4.71	4.95	5.24	5.52	5.49	5.70	5.92	6.00	6.42	6.72	6.84	7.14	7.38	7.64	7.83	8.14	8.58	8.91	9.05	9.38	9.53	9.63	9.88	10.12	10.38	10.64
Bartow CC.1.PAG	Steam-CC	2.41	2.43	2.52	2.59	2.79	3.05	3.37	3.80	4.33	4.70	4.98	5.23	5.52	5.52	5.63	5.93	6.04	6.41	6.72	6.86	7.09	7.36	7.60	7.77	8.06	8.49	8.86	8.99	9.25	9.62	9.68	9.90	10.14	10.45	10.66
BARTOW_P.1	CT	14.16	13.88	14.05	14.31	14.58	14.94	15.51	16.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BARTOW_P.2	CT	2.45	2.50	2.58	2.81	2.76	3.10	3.42	3.86	4.41	4.72	5.07	5.29	5.56	5.51	5.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BARTOW_P.3	CT	14.16	13.81	14.06	14.25	14.58	14.95	15.51	16.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BARTOW_P.4	CT	2.42	2.48	2.63	2.73	2.75	3.11	3.41	3.86	4.39	4.72	5.06	5.39	5.55	5.51	5.58	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Battery Cape San Blas	Storage	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Battery Jennings	Storage	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Battery Micanopy	Storage	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Battery Trenton	Storage	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BAYBORO_P.1	CT	13.92	13.96	14.13	14.28	14.58	14.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BAYBORO_P.2	CT	14.11	13.81	14.11	14.32	14.61	14.97	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BAYBORO_P.3	CT	14.02	13.97	14.14	14.28	14.58	14.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BAYBORO_P.4	CT	13.95	13.89	14.15	14.29	14.58	14.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Citrus.CC.1	Steam-CC	2.44	2.46	2.53	2.59	2.74	2.99	3.28	3.70	4.22	4.62	4.85	5.11	5.39	5.36	5.60	5.81	5.88	6.30	6.59	6.71	7.01	7.25	7.53	7.68	7.98	8.42	8.75	8.89	9.20	9.37	9.48	9.72	9.96	10.21	10.46
Citrus.CC.1.Duct	Steam-CC	2.36	2.36	2.45	2.50	2.66	2.95	3.27	3.71	4.24	4.59	4.92	5.16	5.40	5.38	5.59	5.81	5.88	6.31	6.59	6.70	7.02	7.26	7.55	7.69	7.99	8.44	8.76	8.89	9.22	9.35	9.47	9.70	9.95	10.19	10.45
Citrus.CC.2	Steam-CC	2.44	2.47	2.52	2.60	2.76	2.99	3.28	3.70	4.22	4.62	4.85	5.11	5.39	5.36	5.60	5.81	5.89	6.30	6.59	6.71	7.01	7.25	7.53	7.67	7.97	8.42	8.74	8.88	9.19	9.37	9.48	9.71	9.96	10.20	10.46
Citrus.CC.2.Duct	Steam-CC	2.35	2.36	2.43	2.50	2.66	2.95	3.27	3.72	4.24	4.59	4.93	5.16	5.39	5.38	5.58	5.81	5.87	6.31	6.59	6.69	7.02	7.26	7.54	7.68	7.99	8.44	8.76	8.90	9.24	9.33	9.45	9.68	9.92	10.17	10.43
Crystal.4	Steam-Coal	2.12	2.18	2.26	2.43	2.52	2.72	2.88	3.09	3.33	3.43	3.55	3.96	4.11	4.25	4.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Crystal.5	Steam-Coal	2.12	2.18	2.26	2.43	2.52	2.72	2.88	3.09	3.33	3.43	3.55	3.96	4.11	4.25	4.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Dade.County	Renewable	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.10	CT	14.23	14.17	14.38	14.53	14.82	15.19	15.77	16.42	17.18	17.87	18.32	18.72	19.14	19.58	20.03	20.48	20.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.2	CT	14.34	14.12	14.33	14.55	14.83	15.19	15.77	16.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.3	CT	14.33	14.10	14.32	14.53	14.82	15.19	15.77	16.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.4	CT	14.29	14.04	14.31	14.53	14.83	15.18	15.77	16.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.5	CT	14.38	14.04	14.32	14.54	14.83	15.19	15.77	16.43	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.6	CT	14.39	14.15	14.33	14.54	14.83	15.19	15.77	16.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.7	CT	2.43	2.48	2.59	2.70	2.76	3.11	3.42	3.86	4.38	4.72	5.06	5.39	5.55	5.52	5.75	5.97	5.96	6.31	6.59	6.71	7.01	7.25	7.53	7.67	7.97	8.42	8.74	8.88	9.19	9.37	9.48	9.71	9.96	10.20	10.46
DEBARY.8	CT	2.46	2.48	2.58	2.73	2.76	3.11	3.41	3.86	4.38	4.72	5.07	5.29	5.55	5.52	5.76	5.99	5.93	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.9	CT	2.45	2.49	2.57	2.71	2.76	3.11	3.41	3.87	4.39	4.72	5.07	5.30	5.55	5.52	5.74	5.97	5.91	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EconPurch	TranEcon-Purc	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EconSale	TranEcon-Sale	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.1	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.89	4.37	4.72	5.03	5.28	5.54	5.53	5.72	5.95	6.04	6.46	6.74	6.86	7.17	7.42	7.68	7.88	8.19	8.65	8.97	9.10	9.45	9.52	9.64	9.89	10.12	10.37	10.65
Gen.190MW.CT.10	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.78	6.85	7.20	7.47	7.72	7.92	8.22	8.70	9.00	9.12	9.49	9.54	9.66	9.89	10.13	10.39	10.65
Gen.190MW.CT.11	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.74	6.85	7.19	7.44	7.73	7.92	8.22	8.70	9.00	9.13	9.49	9.53	9.65	9.89	10.13	10.39	10.65
Gen.190MW.CT.12	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.28	8.70	9.00	9.13	9.51	9.54	9.66	9.88	10.15	10.39	10.65
Gen.190MW.CT.13	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.27	8.69	9.01	9.13	9.51	9.55	9.66	9.89	10.15	10.40	10.67
Gen.190MW.CT.14	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.28	8.73	9.01	9.14	9.53	9.53	9.66	9.88	10.16	10.40	10.66
Gen.190MW.CT.15	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.06	9.13	9.54	9.55	9.66	9.88	10.14	10.41	10.66
Gen.190MW.CT.16	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.17	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.18	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.19	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.2	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.20	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.71	5.05	5.29	5.54	5.53	5.73	5.95	6.04	6.46	6.74	6.86	7.17	7.43	7.68	7.88	8.19	8.66	8.97	9.11	9.46	9.53	9.64	9.88	10.12	10.37	10.64	
Gen.190MW.CT.21	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.3	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.36	5.54	5.53	5.73	5.95	6.04	6.47	6.74	6.85	7.17	7.43	7.69	7.88	8.20	8.66	8.97	9.11	9.45	9.53	9.64	9.88	10.12	10.37	10.64
Gen.190MW.CT.4	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.58	5.75	5.96	6.03	6.47	6.75	6.85	7.17	7.44	7.69	7.88	8.20	8.66	8.97	9.11	9.46	9.53	9.64	9.87	10.12	10.38	10.64
Gen.190MW.CT.5	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.80	5.96	6.04	6.48	6.75	6.85	7.18	7.44	7.70	7.89	8.21	8.67	8.97	9.11	9.47	9.53	9.65	9.88	10.13	10.38	10.64
Gen.190MW.CT.6	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.80	5.97	6.05	6.48	6.75	6.85	7.19	7.44	7.70	7.89	8.21	8.67	8.98	9.11	9.47	9.53	9.65	9.88	10.13	10.38	10.64
Gen.190MW.CT.7	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.81	5.97	6.05	6.48	6.75	6.86	7.19	7.45	7.71	7.90	8.22	8.68	8.99	9.11	9.48	9.53	9.64	9.88	10.12	10.38	10.64
Gen.190MW.CT.8	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.49	6.75	6.86	7.19	7.45	7.71	7.90	8.22	8.69	8.99	9.11	9.48	9.53	9.65	9.88	10.13	10.38	10.64
Gen.190MW.CT.9	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.78	6.85	7.19	7.45	7.73	7.91	8.22	8.70	8.99	9.12	9.48	9.53	9.65	9.88	10.14	10.38	10.65
Gen.2x1.CC.1.1	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.84	5.97	6.05	6.47	6.78	6.90	7.19	7.44	7.71	7.89	8.20	8.65	8.97	9.12	9.42	9.63	9.73	9.97	10.23	10.48	10.74
Gen.2x1.CC.1.1.Duct	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.82	5.98	6.05	6.50	6.78	6.88	7.21	7.46	7.76	7.91	8.23	8.67	9.00	9.15	9.48	9.60	9.70	9.94	10.18	10.44	10.69
Gen.2x1.CC.1.2	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.82	7.89	8.20	8.65	8.98	9.12	9.42	9.64	9.74	9.98	10.23	10.49	10.75
Gen.2x1.CC.1.2.Duct	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.82	7.92	8.23	8.69	9.01	9.14	9.50	9.57	9.70	9.94	10.17	10.43	10.69
Gen.2x1.CC.1.3	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.2x1.CC.1.3.Duct	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.2x1.CC.4	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.2x1.CC.4.Duct	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.2x1.CC.1.5	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00

CONFIDENTIAL

Heat Rate (MMBtu/MWh)

\\s00233\grpdata\PEF Resource Planning\2020\2020-03 Clean Energy Connection\Prosym\050520\CEC_750MW.mdb

Station	Unit Type	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054
AC	DSM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Anclote.1	Steam-Gas	12.46	12.43	12.49	12.48	12.47	12.44	12.42	12.38	12.34	12.38	12.35	12.25	12.21	11.90	12.20	12.45	12.47	12.42	12.43	12.40	12.45	12.45	12.43	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Anclote.2	Steam-Gas	13.78	13.70	13.79	13.78	13.72	13.63	13.53	13.48	13.37	13.56	13.46	13.17	13.14	12.71	13.40	13.77	13.80	13.68	13.77	13.80	13.80	13.75	13.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
As.Avail	Cogen	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
As.Avail.PCS	Renewable	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVON.PK_P.1	CT	36.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVON.PK_P.2	CT	36.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Bartow CC.1.0	Steam-CC	7.00	7.00	6.99	7.00	7.01	7.01	7.01	7.01	7.01	7.01	7.00	7.01	7.00	7.01	7.04	7.05	7.03	7.04	7.03	7.05	7.04	7.05	7.09	7.10	7.09	7.09	7.09	7.08	7.09	7.09	7.08	7.08	7.08	7.08	7.08
Bartow CC.1.PAG	Steam-CC	8.96	8.76	9.00	8.98	9.01	9.01	9.01	9.05	9.03	8.98	9.01	9.01	9.09	9.09	8.92	8.96	8.89	8.85	8.76	8.77	8.68	8.71	8.70	8.70	8.66	8.63	8.64	8.59	8.62	8.65	8.61	8.62	8.61	8.64	8.64
BARTOW_P.1	CT	17.56	16.62	17.56	17.67	17.55	17.48	17.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BARTOW_P.2	CT	14.45	14.34	14.52	14.11	14.57	14.63	14.35	14.51	14.43	14.52	14.54	14.42	14.42	14.42	14.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BARTOW_P.3	CT	17.64	16.46	17.65	17.67	17.63	17.63	17.27	17.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BARTOW_P.4	CT	14.34	14.07	14.93	13.81	14.44	14.26	14.26	14.62	14.40	14.64	14.61	14.51	14.36	14.08	13.81	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Battery Cape San Blas	Storage	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Battery Jennings	Storage	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Battery Micanopy	Storage	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Battery Trenton	Storage	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BAYBORO_P.1	CT	14.63	14.61	14.75	14.86	14.68	14.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BAYBORO_P.2	CT	18.50	15.58	16.44	18.50	16.44	16.44	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BAYBORO_P.3	CT	14.63	14.63	14.63	14.86	14.74	14.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BAYBORO_P.4	CT	14.63	14.53	14.63	14.63	14.69	14.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Citrus.CC.1	Steam-CC	6.48	6.48	6.48	6.48	6.48	6.48	6.48	6.49	6.48	6.49	6.49	6.49	6.49	6.49	6.50	6.51	6.51	6.51	6.52	6.52	6.52	6.52	6.53	6.56	6.56	6.55	6.55	6.55	6.55	6.56	6.55	6.54	6.53	6.53	6.53
Citrus.CC.1.Duct	Steam-CC	7.36	7.36	7.36	7.33	7.35	7.34	7.38	7.36	7.42	7.41	7.41	7.43	7.42	7.41	7.47	7.46	7.50	7.51	7.49	7.50	7.54	7.51	7.56	7.64	7.64	7.59	7.65	7.63	7.63	7.60	7.65	7.65	7.63	7.63	7.66
Citrus.CC.2	Steam-CC	6.49	6.49	6.49	6.49	6.49	6.49	6.49	6.49	6.49	6.49	6.50	6.49	6.49	6.49	6.49	6.51	6.51	6.51	6.50	6.50	6.50	6.50	6.53	6.53	6.53	6.53	6.53	6.53	6.53	6.53	6.53	6.54	6.53	6.53	6.53
Citrus.CC.2.Duct	Steam-CC	7.31	7.31	7.27	7.30	7.28	7.31	7.34	7.36	7.38	7.35	7.38	7.40	7.38	7.36	7.39	7.39	7.39	7.43	7.41	7.42	7.40	7.42	7.48	7.53	7.52	7.52	7.55	7.51	7.52	7.50	7.55	7.54	7.52	7.52	7.56
Crystal.4	Steam-Coal	11.07	11.00	11.19	11.30	11.31	11.44	11.49	11.31	11.19	11.25	11.18	11.32	11.34	11.62	11.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Crystal.5	Steam-Coal	10.89	10.84	11.05	11.17	11.13	11.26	11.30	11.18	11.07	11.14	11.11	11.19	11.24	11.40	11.72	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Dade.County	Renewable	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.10	CT	14.66	14.51	14.69	14.75	14.67	14.66	14.63	14.64	14.59	14.60	14.57	14.59	14.55	14.54	14.57	14.54	14.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.2	CT	16.85	16.86	16.96	17.13	16.84	16.85	16.93	17.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.78	12.57	12.46	12.32	13.46	13.72	13.58	13.47	13.51	13.52	13.58	13.46	13.55	13.34	13.29	13.41	13.22
DEBARY.3	CT	16.96	16.35	17.05	17.09	16.90	16.90	16.67	17.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.4	CT	16.98	16.18	17.04	16.86	16.98	16.95	16.61	17.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.5	CT	17.00	16.09	17.09	17.10	16.95	16.97	16.54	17.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.6	CT	16.97	16.20	16.98	17.21	16.88	16.85	16.66	17.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.7	CT	13.67	13.44	13.89	13.50	13.51	13.54	13.63	13.75	13.69	13.80	13.58	13.72	13.60	13.47	14.12	14.49	14.49	14.42	14.49	14.49	14.49	14.49	14.49	14.49	14.49	14.49	14.49	14.49	14.49	14.49	14.49	14.49	14.49	14.49	14.49
DEBARY.8	CT	13.60	13.34	13.65	13.38	13.64	13.54	13.55	13.76	13.65	13.73	13.82	13.64	13.56	13.42	14.01	14.20	14.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.9	CT	13.67	13.49	13.83	13.71	13.71	13.55	13.63	13.83	13.75	13.89	13.91	13.73	13.64	13.49	14.09	14.34	14.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EconPurch	TranEcon-Purc	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EconSale	TranEcon-Sale	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.1	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.62	10.64	10.50	10.55	10.62	10.71	10.81	11.52	11.76	11.71	11.67	11.70	11.62	11.73	11.57	12.50	12.86	12.72	12.68	12.60	12.62	12.64	12.60	12.58	12.59	12.53	12.54	12.46
Gen.190MW.CT.10	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.78	12.57	12.46	12.32	13.46	13.72	13.58	13.47	13.51	13.52	13.58	13.46	13.55	13.34	13.29	13.41	13.22
Gen.190MW.CT.11	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.52	13.46	13.72	13.58	13.47	13.51	13.52	13.58	13.46	13.64	13.61	13.59	13.54	13.32
Gen.190MW.CT.12	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.59	13.53	13.68	13.65	13.78	13.70	13.79	13.39	13.59	13.70	13.41
Gen.190MW.CT.13	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.54	13.57	13.75	13.69	13.72	13.76	13.83	13.35	13.62	13.71	13.45
Gen.190MW.CT.14	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.54	13.81	13.79	13.73	13.81	13.91	13.45	13.72	13.77	13.48
Gen.190MW.CT.15	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.67	13.73	13.71	13.77	13.91	13.42	13.84	13.74	13.39	
Gen.190MW.CT.16	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.17	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.18	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.19	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.2	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.54	10.55	10.62	10.71	10.77	11.56	11.85	11.73	11.73	11.69	11.69	11.72	11.59	12.53	12.96	12.80	12.79	12.68	12.69	12.74	12.68	12.67	12.61	12.62	12.63	12.51	
Gen.190MW.CT.20	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.21	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.3	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.67	10.72	11.62	11.94	11.82	11.85	11.75	11.77	11.79	11.64	12.69	13.06	12.93	12.89	12.83	12.81	12.81	12.73	12.74	12.69	12.67	12.71	12.55
Gen.190MW.CT.4	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.73	11.75	12.05	11.93	11.88	11.84	11.83	11.80	11.71	12.85	13.23	13.01	13.00	12.91	12.86	12.97	12.83	12.86	12.77	12.75	12.85	12.65	
Gen.190MW.CT.5	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.25	12.19	12.07	12.02	11.91	11.93	11.87	11.78	12.91	13.37	13.16	13.03	13.05	12.99	13.02	13.06	12.96	12.86	12.88	12.91	12.69		
Gen.190MW.CT.6	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.41	12.37	12.25	12.15	12.03	12.08	11.97	11.88	12.98	13.45	13.23	13.16	13.10	13.10	13.13	13.02	13.09	12.94	12.93	13.00	12.83		
Gen.190MW.CT.7	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.57	12.48	12.49	12.26	12.21	12.14	12.03	11.94	13.18	13.57	13.38	13.27	13.27	13.25	13.24	13.13	13.20	13.11	13.16	13.10	12.98		
Gen.190MW.CT.8	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.71	12.38	12.33	12.27	12.17	12.07	13.19	13.66	13.35	13.34	13.42	13.32	13.36	13.24	13.31	13.12	13.19	13.23	13.12	
Gen.190MW.CT.9	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.58	12.41	12.28	12.26	13.39	13.71	13.54	13.40	13.42	13.41	13.40	13.36	13.38	13.20	13.31	13.27	13.22	
Gen.2x1.CC.1	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.38	6.37	6.37	6.37	6.37	6.37	6.37	6.37	6.39	6.39	6.39	6.39	6.39	6.39	6.39	6.39	6.38	6.38	6.38	6.37			
Gen.2x1.CC.1.Duct	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.44	8.46	8.46	8.47	8.46	8.47	8.47	8.47	8.47	8.47	8.47	8.47	8.47	8.47	8.48	8.47	8.47	8.47					
Gen.2x1.CC.1.2	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.38	6.37	6.37	6.37	6.37	6.37	6.37	6.37	6.36	6.36	6.36				
Gen.2x1.CC.2.2.Duct	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.45	8.47	8.47	8.47	8.47	8.47	8.47	8.47	8.47	8.47	8.46	8.47			
Gen.2x1.CC.3	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.2x1.CC.3.Duct	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.2x1.CC.4	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.2x1.CC.4.Duct	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.2x1.CC.5	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

CONFIDENTIAL

Start Cost ($000)

\\s00233\grpdata\PEF Resource Planning\2020\2020-03 Clean Energy Connection\Prosym\05052020\CEC_750MW.mdb

Station	Unit Type	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054
AC	DSM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anclote.1	Steam-Gas	203	288	354	343	251	371	302	302	333	433	449	351	425	394	368	507	492	622	611	694	683	725	398	0	0	0	0	0	0	0	0	0	0	0	0
Anclote.2	Steam-Gas	141	209	341	419	386	446	440	407	430	432	470	459	503	488	570	587	705	635	736	641	872	766	490	0	0	0	0	0	0	0	0	0	0	0	0
As.Avail	Cogen	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
As.Avail.PCS	Renewable	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AVON.PK_P.1	CT	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AVON.PK_P.2	CT	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bartow CC.1.0	Steam-CC	53	47	60	37	47	43	47	52	79	53	68	68	72	67	112	157	126	190	305	198	211	155	220	443	511	519	518	623	470	551	548	534	432	526	502
Bartow CC.1.PAG	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BARTOW_P.1	CT	5	10	5	1	17	23	29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BARTOW_P.2	CT	26	22	30	3	74	40	93	186	225	183	259	219	242	212	36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BARTOW_P.3	CT	10	6	8	0	18	11	34	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BARTOW_P.4	CT	29	26	22	10	72	69	109	172	216	160	252	224	222	233	46	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Battery Cape San Blas	Storage	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Battery Jennings	Storage	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Battery Micanopy	Storage	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Battery Trenton	Storage	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BAYBORO_P.1	CT	7	5	6	1	16	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BAYBORO_P.2	CT	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BAYBORO_P.3	CT	4	4	4	0	10	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BAYBORO_P.4	CT	5	4	4	2	15	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus.CC.1	Steam-CC	100	84	85	89	46	75	60	97	106	77	81	128	98	97	94	106	159	158	119	178	118	122	199	151	145	211	158	149	231	237	172	243	167	260	276
Citrus.CC.1.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus.CC.2	Steam-CC	58	61	62	88	81	102	59	97	101	84	120	166	80	90	102	105	99	176	111	187	164	141	126	140	144	211	147	161	255	170	186	337	181	200	190
Citrus.CC.2.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Crystal.4	Steam-Coal	825	744	767	675	1,155	1,235	1,218	1,395	1,069	1,337	1,454	1,394	1,053	1,363	827	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Crystal.5	Steam-Coal	751	790	833	1,350	1,007	859	1,311	1,057	915	1,090	1,217	880	1,280	1,902	1,219	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dade.County	Renewable	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.10	CT	27	28	30	13	66	50	103	230	293	209	314	236	287	272	294	298	54	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.2	CT	10	10	7	12	18	20	42	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.3	CT	16	18	11	9	35	23	62	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.4	CT	13	11	8	9	23	26	64	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.5	CT	11	10	10	12	29	24	41	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.6	CT	12	15	13	9	40	29	80	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.7	CT	118	52	93	50	241	164	258	482	642	481	601	591	589	550	527	488	83	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.8	CT	63	50	35	24	152	143	210	370	480	377	495	522	544	437	387	363	68	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.9	CT	112	93	81	53	255	222	307	510	676	495	618	636	637	591	601	556	96	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EconPurch	TranEcon-Purc	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EconSale	TranEcon-Sale	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.1	CT	0	0	0	0	0	0	0	2,016	2,730	2,686	3,339	3,943	3,761	4,092	4,404	4,360	4,665	5,226	4,992	5,899	6,071	6,529	6,980	6,435	6,658	7,116	7,325	7,292	8,410	7,618	8,154	8,342	7,892	7,464	7,506
Gen.190MW.CT.10	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,055	2,724	2,700	3,050	2,893	2,877	3,074	3,224	3,760	3,718	3,934	3,965	4,112	4,184	4,209	4,255	4,530
Gen.190MW.CT.11	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,642	2,642	2,471	2,536	2,817	3,034	3,329	3,515	3,523	3,770	3,763	3,675	3,869	4,202	4,202
Gen.190MW.CT.12	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,031	2,842	3,168	3,154	3,152	3,136	3,404	3,359	3,420	3,736	3,766
Gen.190MW.CT.13	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,758	2,380	2,737	2,905	2,803	2,728	3,150	2,745	3,202	3,220	3,465
Gen.190MW.CT.14	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,757	2,279	2,500	2,313	2,433	2,802	2,701	2,959	2,748	3,085
Gen.190MW.CT.15	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,653	1,984	2,057	2,190	2,381	2,321	2,503	2,466	2,764	2,764
Gen.190MW.CT.16	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.17	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.18	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.19	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.2	CT	0	0	0	0	0	0	0	0	0	1,936	2,890	3,374	3,537	3,743	3,967	3,947	4,285	4,864	4,570	5,717	5,520	5,666	6,082	5,688	6,236	6,496	6,555	7,133	7,379	7,424	7,566	7,632	7,373	7,366	6,929
Gen.190MW.CT.20	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.21	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.3	CT	0	0	0	0	0	0	0	0	0	0	0	2,248	3,232	3,468	3,875	3,785	4,066	4,718	4,244	5,414	4,985	5,526	5,497	5,064	5,608	5,835	6,216	6,611	7,113	6,679	6,956	7,011	6,698	6,733	6,597
Gen.190MW.CT.4	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	2,254	3,291	3,529	3,653	4,170	3,954	5,023	4,669	4,892	5,051	4,862	5,158	5,248	5,607	5,909	6,539	6,161	6,539	6,457	6,038	6,252	6,224
Gen.190MW.CT.5	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,319	3,228	3,322	3,935	3,753	4,566	4,381	4,626	4,471	4,409	4,776	4,933	5,199	5,606	5,861	5,548	6,002	6,096	5,832	6,160	5,719
Gen.190MW.CT.6	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,049	2,810	3,131	3,605	3,454	4,136	3,855	4,301	4,257	4,056	4,264	4,725	4,679	5,258	5,667	5,499	5,523	5,679	5,375	5,678	5,447
Gen.190MW.CT.7	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,838	2,459	2,726	3,359	3,269	3,894	3,451	3,945	3,809	3,958	3,861	4,459	4,330	4,813	5,058	4,946	5,225	5,281	4,913	5,588	5,422
Gen.190MW.CT.8	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,206	2,845	3,008	3,451	3,174	3,675	3,434	3,517	3,617	3,978	4,103	4,422	4,768	4,393	4,800	4,973	4,639	5,283	4,966
Gen.190MW.CT.9	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,248	3,090	2,875	3,345	3,164	3,194	3,514	3,641	3,886	3,967	4,308	4,273	4,521	4,805	4,433	4,630	4,938
Gen.2x1.CC.1.1	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	26	40	41	47	49	62	53	54	61	79	60	73	70	66	89	70	81	89	91	95	78
Gen.2x1.CC.1.1.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.2	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	85	62	55	58	61	62	69	71	82	73	81	89	73
Gen.2x1.CC.1.2.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.3	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.3.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.4	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.4.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.5	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.5.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.6	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.6.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.7	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.7.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HEAT	DSM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hines.CC.1	Steam-CC	78	103	55	110	169	222	201	124	248	164	294	226	219	248	182	278	310	255	266	183	307	341	618	1,157	1,149	1,429	892	1,217	1,009	1,142	1,152	867	1,263	1,108	712
Hines.CC.2	Steam-CC	107	137	87	71	181	145	108	130	122	250	122	76	202	103	214	227	290	329	393	205	801	324	450	602	682	727	650	630	682	884	754	739	908	685	944
Hines.CC.3	Steam-CC	148	164	124	100	268	210	191	258	308	274	209	206	324	321	274	433	401	459	502	376	474	467	496	594	557	733	641	698	578	817	683	632	866	874	895
Hines.CC.4	Steam-CC	16	29	38	23	24	19	29	28	29	29	57	51	52	48	54	40	60	66	46	67	75	54	68	122	72	113	65	119	83	91	86	120	129	65	169
INT.CITY.1	CT	6	5	5	2	10	9	20	32	42	35	50	41	46	46	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.10	CT	83	67	71	44	188	144	234	482	506	414	563	543	469	502	414	433	539	532	503	103	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.11	CT	102	93	118	47	251	180	474	839	1,079	812	1,330	820	967	1,036	862	999	1,465	1,452	1,318	1,865	1,624	1,743	1,644	1,810	287	0	0	0	0	0	0	0	0	0	0
INT.CITY.12	CT	165	191	162	172	355	321	417	718	933	693	819	875	775	800	748	713	844	807	656	834	592	749	971	1,190	778	249	0	0	0	0	0	0	0	0	0
INT.CITY.13	CT	209	220	210	185	380	284	455	732	894	732	825	859	869	835	727	780	855	792	680	861	628	800	1,009	1,224	1,044	126	0	0	0	0	0	0	0	0	0
INT.CITY.14	CT	146	147	132	144	331	283	338	632	730	778	754	763	703	816	729	743	533	691	499	632	640	683	606	62	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.2	CT	1	1	1	1	3	1	1	11	22	15	23	24	25	20	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.3	CT	4	5	2	2	6	7	11	20	46	36	53	38	43	44	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.4	CT	5	5	5	3	10	10	17	30	52	40	60	48	51	48	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.5	CT	2	2	1	0	4	4	3	9	26	24	34	29	30	30	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.6	CT	6	4	5	2	16	12	25	45	57	46	70	55	57	57	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.7	CT	86	47	51	29	144	100	203	342	439	341	520	473	463	424	363	315	426	481	78	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.8	CT	95	90	93	53	233	175	260	460	590	480	573	573	576	570	513	502	544	563	110	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.9	CT	91	73	89	62	206	132	252	418	563	443	539	553	483	535	472	468	549	569	90	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INTER	DSM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lake.County	Renewable	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

CONFIDENTIAL

Total Cost ($000)

\\s00233\grgdata\PEF Resource Planning\2020\2020-03 Clean Energy Connection\Prosym\0505202O\CEC_750MW.mdb

Station	Unit Type	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054
AC	DSM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anclote.1	Steam-Gas	9,872	11,707	14,859	13,370	15,415	19,450	25,320	27,995	34,389	38,843	39,186	50,484	50,280	63,637	54,370	54,660	56,735	66,894	66,766	79,467	76,066	91,258	91,689	0	0	0	0	0	0	0	0	0	0	0	0
Anclote.2	Steam-Gas	32,076	14,285	14,359	16,064	16,000	23,000	25,843	31,964	43,060	41,449	49,687	52,457	60,119	67,680	61,260	56,472	63,125	67,596	73,311	75,089	83,763	87,004	85,371	0	0	0	0	0	0	0	0	0	0	0	0
As.Avail	Cogen	36	36	37	38	40	50	60	72	84	97	107	119	126	132	134	141	159	175	188	208	221	242	251	262	277	293	310	326	346	359	373	387	407	423	442
As.Avail.PCS	Renewable	2,137	2,162	2,199	2,231	2,349	3,154	3,925	4,851	5,829	6,677	7,526	8,177	8,956	9,400	9,824	10,269	11,582	13,067	14,561	15,801	17,000	18,471	19,433	20,659	21,824	23,261	24,715	25,945	27,413	28,474	29,783	31,512	32,560	33,808	35,447
AVON.PK_P.1	CT	540	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AVON.PK_P.2	CT	149	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bartow CC.1.0	Steam-CC	137,815	137,848	143,557	141,237	140,452	163,154	188,381	221,292	241,302	285,759	315,124	348,303	354,574	370,065	365,764	361,109	388,675	405,341	469,071	467,529	531,331	559,817	543,765	511,522	538,054	591,735	631,416	647,845	644,301	709,510	737,729	778,711	783,783	819,444	879,429
Bartow CC.1.PAG	Steam-CC	396	567	301	461	488	863	987	1,529	1,720	1,599	2,259	3,143	3,225	3,676	1,287	996	1,097	1,362	1,672	1,872	1,992	2,296	2,759	2,911	3,193	3,152	3,530	3,232	3,349	3,454	3,976	4,302	4,451	4,817	5,692
BARTOW_P.1	CT	45	88	45	18	136	238	33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BARTOW_P.2	CT	94	97	101	15	260	153	385	911	1,262	1,117	1,640	1,292	1,569	1,370	227	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BARTOW_P.3	CT	80	86	72	18	152	77	293	43	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BARTOW_P.4	CT	127	134	85	53	286	300	514	916	1,371	1,104	1,670	1,580	1,734	1,854	307	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Battery Cape San Blas	Storage	48	146	176	237	240	244	249	253	257	261	266	270	240	174	205	266	270	275	280	285	290	295	300	305	310	215	0	0	0	0	0	0	0	0	0
Battery Jennings	Storage	79	241	247	242	230	231	232	234	236	237	239	241	236	225	236	255	260	265	270	275	280	285	290	295	301	208	0	0	0	0	0	0	0	0	0
Battery Micanopy	Storage	79	241	247	242	230	231	232	234	236	237	239	241	236	225	236	255	260	265	270	275	280	285	290	295	301	208	0	0	0	0	0	0	0	0	0
Battery Trenton	Storage	79	241	247	242	230	231	232	234	236	237	239	241	236	225	236	255	260	265	270	275	280	285	290	295	301	208	0	0	0	0	0	0	0	0	0
BAYBORO_P.1	CT	401	367	293	81	713	620	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BAYBORO_P.2	CT	11	71	22	6	23	24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BAYBORO_P.3	CT	254	347	264	81	654	556	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BAYBORO_P.4	CT	331	261	192	60	619	468	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus.CC.1	Steam-CC	100,640	104,421	105,756	110,697	127,854	135,020	160,145	185,644	204,225	240,688	259,136	270,041	296,337	303,805	321,622	314,855	338,449	361,664	391,400	397,767	461,452	473,840	463,398	471,876	504,697	523,882	568,746	590,033	598,427	637,383	666,625	691,936	754,008	782,902	830,255
Citrus.CC.1.Duct	Steam-CC	5,389	5,749	5,415	5,902	6,231	6,900	7,448	8,862	9,921	11,045	13,358	14,441	15,081	15,746	14,397	14,422	16,515	16,700	17,756	19,857	23,365	23,679	20,481	23,088	25,107	25,009	29,637	30,048	30,793	32,251	35,062	34,877	37,678	39,939	42,837
Citrus.CC.2	Steam-CC	109,721	107,533	91,233	109,036	114,147	132,495	153,949	180,240	199,060	232,758	251,415	263,724	295,547	303,694	327,571	316,535	339,162	366,862	417,506	413,376	486,717	506,350	513,701	511,037	538,896	554,322	605,451	622,077	629,887	678,565	706,996	720,884	757,251	789,443	829,383
Citrus.CC.2.Duct	Steam-CC	5,382	5,486	5,429	5,682	5,327	6,529	6,977	8,682	9,487	10,139	12,284	13,502	14,032	14,883	12,817	13,096	14,192	14,743	15,680	17,035	18,792	20,214	15,799	17,060	18,681	18,700	22,174	21,328	21,110	23,610	24,399	24,946	26,261	27,962	30,114
Crystal.4	Steam-Coal	47,306	53,333	42,661	38,573	49,379	60,705	64,846	84,752	96,984	117,772	123,456	136,988	125,163	127,195	134,158	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Crystal.5	Steam-Coal	48,230	46,277	56,222	51,952	35,745	55,658	71,645	80,748	116,453	119,776	150,764	141,611	151,626	115,768	87,586	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dade.County	Renewable	1,788	1,817	1,910	1,983	2,086	2,286	2,649	3,305	4,068	4,917	5,638	6,246	6,918	7,543	7,972	8,274	8,659	9,836	11,145	12,182	13,179	14,462	15,652	16,435	17,401	18,572	19,585	20,855	21,922	23,077	24,165	25,166	26,520	27,600	28,541	29,755
DEBARY.10	CT	327	366	292	116	623	471	1,063	2,200	3,485	2,585	3,913	2,222	3,724	3,178	2,908	3,232	514	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.2	CT	92	110	71	72	158	141	284	55	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.3	CT	129	199	114	64	272	197	536	74	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.4	CT	110	148	77	43	180	201	481	43	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.5	CT	99	137	94	61	231	179	362	61	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.6	CT	106	167	111	44	322	219	603	55	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.7	CT	418	272	334	188	812	714	1,226	2,391	3,558	2,908	4,053	3,591	4,053	3,865	3,226	3,161	472	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.8	CT	235	230	156	103	528	568	941	1,800	2,689	2,229	3,164	3,156	3,511	2,984	2,395	2,352	450	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.9	CT	431	380	324	188	904	861	1,350	2,612	3,761	2,987	4,318	3,922	4,333	4,218	3,557	3,602	586	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EconPurch	TranEcon-Purc	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EconSale	TranEcon-Sale	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.1	CT	0	0	0	0	0	0	17,507	27,304	24,659	33,142	39,763	43,748	48,765	44,014	43,376	49,681	58,062	60,553	77,141	76,661	86,264	72,945	68,675	76,979	83,845	91,017	95,903	103,962	102,930	110,941	118,721	118,379	125,231	137,718
Gen.190MW.CT.10	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13,049	19,237	20,370	24,955	20,683	20,484	24,497	26,960	31,465	32,836	33,486	35,228	37,963	39,648	43,538	44,509	52,054
Gen.190MW.CT.11	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14,029	20,529	16,960	17,063	21,124	23,381	24,565	26,647	28,733	29,070	30,761	33,476	35,485	38,349	45,864
Gen.190MW.CT.12	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14,909	20,834	23,475	24,151	24,131	25,682	27,959	30,472	31,367	33,500	39,673
Gen.190MW.CT.13	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12,173	16,808	19,359	20,457	20,992	21,864	24,641	26,439	27,867	28,588	34,432
Gen.190MW.CT.14	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11,892	15,389	16,664	17,536	18,245	20,445	23,118	23,638	23,398	29,194
Gen.190MW.CT.15	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10,907	13,366	14,762	15,240	16,561	19,330	18,684	19,570	25,053
Gen.190MW.CT.16	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.17	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.18	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.19	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.2	CT	0	0	0	0	0	0	0	0	0	17,133	27,590	32,924	37,297	41,666	38,045	37,311	44,657	52,643	55,626	67,407	65,994	76,564	64,013	60,593	69,850	75,391	82,386	85,530	89,525	93,624	100,739	107,479	108,077	111,879	122,355
Gen.190MW.CT.20	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.21	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.3	CT	0	0	0	0	0	0	0	0	0	0	0	21,950	31,129	35,650	33,606	33,381	38,356	45,305	47,251	59,809	57,085	68,905	56,312	52,600	61,055	66,735	71,136	73,853	83,564	81,771	87,756	96,198	96,039	102,289	111,109
Gen.190MW.CT.4	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	24,282	26,918	27,961	32,747	38,915	41,712	52,130	50,629	59,919	47,730	47,341	55,420	58,714	65,026	67,420	72,785	72,520	79,434	85,039	84,280	88,501	98,191
Gen.190MW.CT.5	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18,031	23,728	28,500	33,732	36,820	45,860	44,250	53,527	42,159	41,625	48,138	53,707	58,261	61,137	64,426	61,853	70,530	76,988	76,321	83,820	88,535
Gen.190MW.CT.6	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15,173	19,836	23,889	28,059	32,433	38,423	37,367	45,307	38,211	35,794	42,036	47,632	51,161	54,310	57,602	59,915	61,741	68,207	68,290	72,674	80,639
Gen.190MW.CT.7	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12,769	16,948	20,301	25,228	27,740	34,200	32,895	39,944	33,031	32,908	36,452	43,000	45,504	48,310	51,202	52,314	55,058	58,596	58,732	66,014	74,129
Gen.190MW.CT.8	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14,683	20,569	23,738	28,162	28,403	34,885	28,353	27,940	32,697	37,017	39,984	41,503	45,137	44,851	48,075	51,919	54,407	58,849	62,824
Gen.190MW.CT.9	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16,026	23,445	23,772	28,663	23,852	24,226	29,521	31,994	36,117	37,581	39,370	40,329	43,372	47,877	48,941	50,661	57,943
Gen.2x1.CC.1.1	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	272,923	481,559	519,242	568,731	612,630	649,129	693,723	734,875	768,641	778,672	827,029	870,789	914,856	948,085	999,933	1,028,133	1,074,203	1,118,813	1,171,711	1,222,285	1,271,876
Gen.2x1.CC.1.1.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	26,035	34,600	38,120	45,719	46,446	56,223	59,747	65,440	77,678	88,893	94,834	101,255	112,876	117,044	131,427	127,061	135,231	141,734	148,241	156,959	159,236
Gen.2x1.CC.2.2	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	461,910	811,512	857,119	909,144	954,485	986,381	1,038,107	1,072,547	1,113,998	1,163,336	1,212,359	1,257,456	1,303,572
Gen.2x1.CC.2.2.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	52,402	72,678	80,402	85,783	90,639	94,978	106,955	103,206	114,169	123,935	125,552	128,548	134,744
Gen.2x1.CC.3	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.3.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.4	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.4.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.5	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.5.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.6	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.6.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.7	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.7.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HEAT	DSM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hines.CC.1	Steam-CC	49,646	57,898	62,392	56,166	58,973	60,013	67,118	87,366	101,843	109,515	126,333	128,196	149,355	157,574	128,276	136,695	147,759	169,335	178,484	208,555	217,983	219,229	213,389	191,318	191,641	229,450	234,836	255,883	277,875	271,500	293,029	279,352	321,049	338,288	322,558
Hines.CC.2	Steam-CC	45,410	50,405	53,754	51,025	50,016	57,863	71,666	85,866	102,405	111,013	113,731	140,627	146,957	153,191	139,454	129,458	143,898	165,325	172,916	198,433	187,981	226,679	187,178	190,856	201,408	209,384	234,654	236,164	254,830	259,151	249,794	298,553	296,865	308,119	320,428
Hines.CC.3	Steam-CC	51,608	54,811	54,739	55,930	59,834	63,568	72,260	88,926	107,501	117,137	132,399	134,972	151,620	162,030	154,854	148,185	157,780	183,405	197,002	220,335	230,105	232,498	220,960	207,179	214,124	241,083	245,965	267,464	274,579	280,869	292,863	283,113	321,906	335,010	357,126
Hines.CC.4	Steam-CC	70,565	61,013	70,293	65,684	64,769	84,034	88,060	104,424	134,572	147,385	145,780	163,485	191,795	198,722	177,811	172,941	197,438	224,679	240,467	255,695	267,182	299,047	258,366	242,864	281,124	301,878	301,972	312,707	352,485	359,060	340,528	365,673	414,412	432,579	419,239
INT.CITY.1	CT	167	242	168	57	416	317	711	1,295	2,099	1,767	2,507	1,951	2,370	2,038	242	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.10	CT	297	271	143	68	593	393	932	1,883	2,654	2,220	3,407	2,988	3,057	2,402	2,821	3,240	3,474	735	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.11	CT	692	717	588	249	1,230	1,059	2,314	4,513	6,506	5,356	8,004	5,254	6,586	6,258	5,128	6,174	8,529	9,283	8,509	11,805	9,537	11,284	9,357	11,551	1,865	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.12	CT	721	746	613	574	1,439	1,378	2,091	4,360	6,038	4,855	6,747	6,251	6,263	6,466	5,206	5,008	5,744	6,045	4,843	6,240	4,623	6,214	6,755	7,954	5,521	1,389	0	0	0	0	0	0	0	0	0	0
INT.CITY.13	CT	883	861	793	647	1,608	1,277	2,352	4,636	6,186	5,383	7,014	6,386	7,114	6,857	5,258	5,517	6,006	6,591	5,171	6,756	4,885	6,612	7,158	8,381	7,521	874	0	0	0	0	0	0	0	0	0	0
INT.CITY.14	CT	628	625	532	469	1,216	1,777	3,879	5,615	7,783	6,673	9,126	7,745	8,220	8,041	6,847	6,499	6,936	5,922	4,136	5,280	3,947	5,205	4,924	5,342	4,706	447	0	0	0	0	0	0	0	0	0	0
INT.CITY.2	CT	43	103	64	22	133	70	175	499	1,343	1,022	1,394	1,085

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Station	Unit Type	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054
AC	DSM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anclote.1	Steam-Gas	548	650	804	724	834	897	1,057	1,029	1,120	1,161	1,112	1,330	1,317	1,710	1,383	1,315	1,306	1,438	1,360	1,565	1,411	1,663	591	0	0	0	0	0	0	0	0	0	0	0	0
Anclote.2	Steam-Gas	609	740	721	800	774	980	983	1,081	1,297	1,136	1,302	1,337	1,463	1,703	1,415	1,229	1,312	1,319	1,349	1,336	1,423	1,435	571	0	0	0	0	0	0	0	0	0	0	0	0
As.Avail	Cogen	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
As.Avail.PCS	Renewable	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AVON.PK_P.1	CT	78	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AVON.PK_P.2	CT	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bartow CC.1.0	Steam-CC	14,664	14,824	15,349	15,033	14,446	14,653	15,109	15,784	15,277	16,703	17,528	18,446	17,939	18,689	17,911	17,116	17,652	17,189	18,878	18,258	19,843	20,222	18,999	17,328	17,674	18,787	19,555	19,812	19,331	21,032	21,720	22,686	22,562	23,358	24,835
Bartow CC.1.PAG	Steam-CC	35	51	26	40	41	62	63	86	86	74	99	131	127	144	51	37	40	46	55	59	61	68	79	81	87	83	91	82	84	84	97	103	106	113	132
BARTOW_P.1	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BARTOW_P.2	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BARTOW_P.3	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BARTOW_P.4	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Battery Cape San Blas	Storage	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Battery Jennings	Storage	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Battery Micanopy	Storage	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Battery Trenton	Storage	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BAYBORO_P.1	CT	14	13	10	3	25	21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BAYBORO_P.2	CT	0	2	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BAYBORO_P.3	CT	9	10	9	2	24	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BAYBORO_P.4	CT	12	9	7	2	22	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus.CC.1	Steam-CC	6,940	7,305	7,380	7,743	8,677	7,923	8,370	8,553	8,290	8,969	9,182	9,108	9,539	9,752	9,963	9,447	9,730	9,673	9,920	9,765	10,845	10,752	10,136	10,040	10,436	10,453	11,066	11,332	11,267	11,842	12,307	12,628	13,622	13,999	14,710
Citrus.CC.1.Duct	Steam-CC	341	372	347	381	387	364	345	361	353	364	406	424	426	443	390	380	414	389	394	426	476	467	388	424	447	432	495	497	499	519	556	547	585	614	650
Citrus.CC.2	Steam-CC	7,560	7,500	6,529	7,596	7,704	7,768	8,135	8,291	8,067	8,661	8,889	8,879	9,513	9,750	9,992	9,498	9,751	9,816	10,615	10,171	11,473	11,525	11,294	10,936	11,188	11,101	11,826	11,985	11,895	12,652	13,093	12,802	13,686	14,129	14,702
Citrus.CC.2.Duct	Steam-CC	344	358	354	368	333	347	325	352	339	336	380	398	399	422	351	348	361	347	351	369	390	404	303	318	337	326	375	358	346	385	392	397	414	436	463
Crystal.4	Steam-Coal	2,258	2,563	1,986	1,704	2,138	2,113	1,979	2,331	2,434	2,741	2,711	2,699	2,344	2,218	549	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Crystal.5	Steam-Coal	2,351	2,250	2,666	2,308	1,569	1,978	2,227	2,259	2,968	2,825	3,351	2,838	2,867	2,047	609	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dade.County	Renewable	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.10	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.2	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.3	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.4	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.5	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.6	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.7	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.8	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.9	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EconPurch	TranEcon-Purc	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EconSale	TranEcon-Sale	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.1	CT	0	0	0	0	0	0	330	465	389	496	566	601	663	535	501	556	610	608	762	714	790	584	522	579	611	655	684	720	716	767	813	809	854	941
Gen.190MW.CT.10	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	103	152	157	192	136	128	155	168	192	200	197	210	224	236	261	262	312
Gen.190MW.CT.11	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	106	152	189	104	129	140	157	170	168	178	194	211	206	219	273
Gen.190MW.CT.12	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	93	124	136	139	134	145	157	177	178	186	230
Gen.190MW.CT.13	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74	97	109	114	115	121	135	154	155	157	195
Gen.190MW.CT.14	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	69	83	99	95	98	108	130	127	125	162
Gen.190MW.CT.15	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	60	70	77	79	85	106	96	101	138
Gen.190MW.CT.16	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.17	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.18	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.19	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.2	CT	0	0	0	0	0	0	0	0	0	269	409	465	507	564	458	424	497	548	559	655	612	701	511	456	520	543	589	601	613	642	690	734	732	751	830
Gen.190MW.CT.20	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.21	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.3	CT	0	0	0	0	0	0	0	0	0	308	419	479	396	372	418	460	467	573	523	622	442	391	447	476	497	509	567	556	594	651	646	682	749
Gen.190MW.CT.4	CT	0	0	0	0	0	0	0	0	0	0	327	309	303	351	391	406	493	460	536	365	344	403	414	452	464	484	487	530	569	561	580	652
Gen.190MW.CT.5	CT	0	0	0	0	0	0	0	0	0	0	0	197	250	299	331	353	427	396	473	320	298	344	375	399	416	425	407	465	509	500	544	585
Gen.190MW.CT.6	CT	0	0	0	0	0	0	0	0	0	0	0	161	204	241	267	305	349	328	392	286	251	296	326	347	362	374	392	400	445	443	465	525
Gen.190MW.CT.7	CT	0	0	0	0	0	0	0	0	0	0	0	128	163	192	229	246	300	280	335	236	221	246	284	297	311	322	332	345	367	366	409	466
Gen.190MW.CT.8	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	135	181	204	239	235	285	199	183	218	240	254	261	278	275	295	322	336	357	387
Gen.190MW.CT.9	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	134	193	191	225	161	155	192	204	227	234	218	245	262	292	299	304	350
Gen.2x1.CC.1.1	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	8,400	14,577	15,078	15,401	15,749	16,171	16,572	16,963	17,155	16,921	17,458	17,738	18,183	18,600	19,243	19,525	20,283	20,875	21,630	22,354	23,056
Gen.2x1.CC.1.1.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	716	920	975	1,092	1,056	1,244	1,265	1,342	1,542	1,730	1,792	1,849	2,013	2,061	2,267	2,171	2,297	2,379	2,463	2,581	2,596
Gen.2x1.CC.1.2	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.2.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.3	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.3.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.4	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.4.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.5	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.5.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.6	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.6.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.7	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.7.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HEAT	DSM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hines.CC.1	Steam-CC	6,678	7,887	8,513	7,556	7,728	6,812	6,830	7,946	8,221	8,180	8,993	8,686	9,694	10,204	7,986	8,204	8,519	9,132	9,131	10,477	10,456	10,163	9,499	8,126	7,960	9,218	9,255	9,957	10,636	10,202	10,987	10,337	11,762	12,284	11,646
Hines.CC.2	Steam-CC	5,585	6,314	6,710	6,559	5,994	6,056	6,714	7,141	7,568	7,582	7,394	8,732	8,710	9,064	7,980	7,148	7,739	8,181	8,124	9,092	8,224	9,612	7,599	7,517	7,707	7,741	8,490	8,431	8,912	8,948	8,587	10,153	9,956	10,247	10,547
Hines.CC.3	Steam-CC	6,739	7,234	7,200	7,275	7,542	6,970	7,095	7,763	8,336	8,403	9,045	8,790	9,442	10,067	9,291	8,597	8,800	9,551	9,743	10,608	10,584	10,353	9,443	8,575	8,618	9,371	9,341	10,031	10,100	10,206	10,589	10,135	11,374	11,721	12,382
Hines.CC.4	Steam-CC	5,520	4,770	5,527	5,094	4,901	5,532	5,167	5,423	6,194	6,243	5,862	6,253	7,007	7,246	6,285	5,919	6,476	6,873	6,978	7,200	7,200	7,790	6,494	5,915	6,651	6,899	6,729	6,883	7,613	7,645	7,200	7,652	8,574	8,860	8,491
INT.CITY.1	CT	5	8	5	2	33	10	21	38	60	49	69	53	64	54	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.10	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.11	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.12	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.13	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.14	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.2	CT	1	3	2	1	4	2	5	15	38	28	38	29	39	32	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.3	CT	4	8	4	2	8	8	12	25	62	52	72	42	65	56	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.4	CT	7	14	5	3	24	11	20	37	71	51	89	63	74	65	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.5	CT	2	4	2	1	5	4	7	13	43	36	48	34	43	39	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.6	CT	10	10	7	3	19	15	31	56	86	71	100	73	89	76	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.7	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.8	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.9	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INTER	DSM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lake.County	Renewable	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LEE.County.Res	Renewable	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mulberry	Cogen

CONFIDENTIAL

VOM Rate ($/MWh)

\\s00233\grpdata\PEF Resource Planning\2020\2020-03 Clean Energy Connection\Prosym\050520\CEC_750MW.mdb

Station	Unit Type	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054
AC	DSM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Anclote.1	Steam-Gas	1.84	1.89	1.94	1.99	2.04	2.09	2.14	2.19	2.25	2.30	2.36	2.42	2.48	2.54	2.61	2.67	2.74	2.81	2.88	2.95	3.02	3.10	3.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Anclote.2	Steam-Gas	1.84	1.89	1.94	1.99	2.04	2.09	2.14	2.19	2.25	2.30	2.36	2.42	2.48	2.54	2.61	2.67	2.74	2.81	2.88	2.95	3.02	3.10	3.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
As.Avail	Cogen	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
As.Avail.PCS	Renewable	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVON.PK_P.1	CT	15.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVON.PK_P.2	CT	15.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Bartow CC.1.0	Steam-CC	2.07	2.12	2.18	2.23	2.29	2.34	2.40	2.46	2.52	2.59	2.65	2.72	2.79	2.86	2.93	3.00	3.08	3.15	3.23	3.31	3.40	3.48	3.57	3.66	3.75	3.84	3.94	4.04	4.14	4.24	4.35	4.45	4.57	4.68	4.80
Bartow CC.1.RAG	Steam-CC	2.07	2.12	2.18	2.23	2.29	2.34	2.40	2.46	2.52	2.59	2.65	2.72	2.79	2.86	2.93	3.00	3.08	3.15	3.23	3.31	3.39	3.48	3.57	3.66	3.75	3.84	3.94	4.04	4.14	4.24	4.35	4.45	4.57	4.68	4.80
BARTOW_P.1	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BARTOW_P.2	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BARTOW_P.3	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BARTOW_P.4	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Battery Cape San Blas	Storage	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Battery Jennings	Storage	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Battery Micanopy	Storage	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Battery Trenton	Storage	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BAYBORO_P.1	CT	7.32	7.50	7.69	7.89	8.08	8.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BAYBORO_P.2	CT	8.50	7.90	8.00	9.00	8.44	8.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BAYBORO_P.3	CT	7.47	7.60	7.84	8.06	8.25	8.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BAYBORO_P.4	CT	7.52	7.70	7.90	8.11	8.31	8.51	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Citrus.CC.1	Steam-CC	1.18	1.21	1.24	1.27	1.30	1.33	1.36	1.40	1.43	1.47	1.51	1.54	1.58	1.62	1.66	1.70	1.75	1.79	1.84	1.88	1.93	1.98	2.03	2.08	2.13	2.18	2.24	2.29	2.35	2.41	2.47	2.53	2.59	2.66	2.72
Citrus.CC.1.Duct	Steam-CC	1.18	1.21	1.24	1.27	1.30	1.33	1.36	1.40	1.43	1.47	1.51	1.54	1.58	1.62	1.66	1.70	1.75	1.79	1.84	1.88	1.93	1.98	2.03	2.08	2.13	2.18	2.24	2.29	2.35	2.41	2.47	2.53	2.59	2.66	2.72
Citrus.CC.2	Steam-CC	1.18	1.21	1.24	1.27	1.30	1.33	1.36	1.40	1.43	1.47	1.51	1.54	1.58	1.62	1.66	1.70	1.75	1.79	1.84	1.88	1.93	1.98	2.03	2.08	2.13	2.18	2.24	2.29	2.35	2.41	2.47	2.53	2.59	2.66	2.72
Citrus.CC.2.Duct	Steam-CC	1.18	1.21	1.24	1.27	1.30	1.33	1.36	1.40	1.43	1.47	1.51	1.54	1.58	1.62	1.66	1.70	1.75	1.79	1.84	1.88	1.93	1.98	2.03	2.08	2.13	2.18	2.24	2.29	2.35	2.41	2.47	2.53	2.59	2.66	2.72
Crystal.4	Steam-Coal	1.25	1.28	1.31	1.35	1.38	1.41	1.45	1.49	1.52	1.56	1.60	1.64	1.68	1.72	1.77	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Crystal.5	Steam-Coal	1.25	1.28	1.31	1.35	1.38	1.41	1.45	1.49	1.52	1.56	1.60	1.64	1.68	1.72	1.77	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Dade.County	Renewable	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.10	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.2	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.3	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.4	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.5	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.6	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.7	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.8	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.9	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EconPurch	TranEcon-Purc	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EconSale	TranEcon-Sale	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.1	CT	0.00	0.00	0.00	0.00	0.00	0.00	1.10	1.12	1.15	1.18	1.21	1.24	1.27	1.30	1.34	1.37	1.40	1.44	1.47	1.51	1.55	1.59	1.63	1.67	1.71	1.75	1.80	1.84	1.89	1.94	1.98	2.03	2.08	2.14
Gen.190MW.CT.10	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.44	1.47	1.51	1.55	1.59	1.63	1.67	1.71	1.75	1.80	1.84	1.89	1.93	1.98	2.03	2.08	2.14
Gen.190MW.CT.11	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.51	1.55	1.59	1.63	1.67	1.71	1.75	1.80	1.84	1.89	1.93	1.98	2.03	2.08	2.14
Gen.190MW.CT.12	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.67	1.71	1.75	1.80	1.84	1.89	1.94	1.98	2.03	2.08	2.14
Gen.190MW.CT.13	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.67	1.71	1.75	1.80	1.84	1.89	1.93	1.98	2.03	2.08	2.14
Gen.190MW.CT.14	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.71	1.75	1.80	1.84	1.89	1.93	1.98	2.03	2.08	2.14
Gen.190MW.CT.15	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.75	1.80	1.84	1.89	1.93	1.98	2.03	2.08	2.14
Gen.190MW.CT.16	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.80	1.84	1.89	1.93	1.98	2.03	2.08	2.14
Gen.190MW.CT.17	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.84	1.89	1.93	1.98	2.03	2.08	2.14
Gen.190MW.CT.18	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.89	1.93	1.98	2.03	2.08	2.14
Gen.190MW.CT.19	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.93	1.98	2.03	2.08	2.14
Gen.190MW.CT.2	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.15	1.18	1.21	1.24	1.27	1.30	1.34	1.37	1.40	1.44	1.47	1.51	1.55	1.59	1.63	1.67	1.71	1.75	1.80	1.84	1.89	1.94	1.98	2.03	2.08	2.14
Gen.190MW.CT.20	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.21	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.3	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.21	1.24	1.27	1.30	1.34	1.37	1.40	1.44	1.47	1.51	1.55	1.59	1.63	1.67	1.71	1.75	1.80	1.84	1.89	1.94	1.98	2.03	2.08	2.14
Gen.190MW.CT.4	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.27	1.30	1.34	1.37	1.40	1.44	1.47	1.51	1.55	1.59	1.63	1.67	1.71	1.75	1.80	1.84	1.89	1.93	1.98	2.03	2.08	2.14
Gen.190MW.CT.5	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.30	1.34	1.37	1.40	1.44	1.47	1.51	1.55	1.59	1.63	1.67	1.71	1.75	1.80	1.84	1.89	1.93	1.98	2.03	2.08	2.14
Gen.190MW.CT.6	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.30	1.34	1.37	1.40	1.44	1.47	1.51	1.55	1.59	1.63	1.67	1.71	1.75	1.80	1.84	1.89	1.94	1.98	2.03	2.08	2.14
Gen.190MW.CT.7	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.30	1.34	1.37	1.40	1.44	1.47	1.51	1.55	1.59	1.63	1.67	1.71	1.75	1.80	1.84	1.89	1.94	1.98	2.03	2.08	2.14
Gen.190MW.CT.8	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.37	1.40	1.44	1.47	1.51	1.55	1.59	1.63	1.67	1.71	1.75	1.80	1.84	1.89	1.94	1.98	2.03	2.08	2.14
Gen.190MW.CT.9	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.44	1.47	1.51	1.55	1.59	1.63	1.67	1.71	1.75	1.80	1.84	1.89	1.93	1.98	2.03	2.08	2.14
Gen.2x1.CC.1.1	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.69	1.74	1.78	1.82	1.87	1.92	1.97	2.01	2.06	2.12	2.17	2.22	2.28	2.34	2.39	2.45	2.52	2.58	2.64	2.71	2.78
Gen.2x1.CC.1.1.Duct	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.03	2.08	2.13	2.18	2.24	2.29	2.35	2.41	2.47	2.53	2.60	2.66	2.73	2.80	2.86	2.94	3.01	3.09	3.16	3.24	3.32	
Gen.2x1.CC.1.2	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.06	2.12	2.17	2.22	2.28	2.34	2.39	2.45	2.52	2.58	2.64	2.71	2.78
Gen.2x1.CC.1.2.Duct	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.47	2.53	2.60	2.66	2.73	2.80	2.86	2.94	3.01	3.09	3.16	3.24	3.32
Gen.2x1.CC.1.3	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.2x1.CC.1.3.Duct	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.2x1.CC.4	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.2x1.CC.4.Duct	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.2x1.CC.1.5	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

CONFIDENTIAL

Dispatch Price ($/MWh)

\\s00233\grgdata\PEF Resource Planning\2020\2020-03 Clean Energy Connection\Prosym\050520\CEC_750MW_HF.mdb

Station	Unit Type	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054
AC	DSM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Anclote.1	Steam-Gas	33.25	34.29	38.59	45.11	51.53	60.47	68.40	77.28	86.88	95.45	102.87	111.51	118.44	121.39	130.33	137.68	146.13	160.50	173.83	182.32	196.41	208.92	219.77	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Anclote.2	Steam-Gas	36.60	36.94	42.51	49.12	57.18	66.21	76.17	85.12	94.58	104.78	112.15	123.08	130.06	133.34	144.10	152.49	161.85	176.81	192.50	201.95	218.38	231.00	242.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
As.Avail	Cogen	20.47	20.81	22.42	25.02	28.50	35.62	42.17	49.16	56.45	64.27	70.16	78.19	82.72	86.60	90.40	94.99	105.01	116.46	125.50	137.21	145.81	160.04	165.96	172.99	180.30	191.52	203.52	214.74	226.82	236.58	246.08	254.78	265.64	276.89	288.33
As.Avail.PCS	Renewable	20.50	20.99	22.47	24.98	28.54	37.32	45.62	54.72	64.44	72.94	81.63	88.90	96.66	101.52	108.27	113.55	125.94	142.50	158.10	170.23	183.56	199.14	209.36	222.21	232.42	248.43	264.10	278.47	293.21	305.21	319.65	336.92	346.98	360.68	377.18
AVON.PK_P.1	CT	105.99	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVON.PK_P.2	CT	553.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Bartow CC.1.0	Steam-CC	19.49	19.94	22.01	25.20	29.81	34.23	39.07	44.06	49.81	54.60	58.59	63.57	67.72	69.15	73.95	78.47	83.12	91.51	99.02	103.47	111.64	118.51	125.60	133.22	138.61	146.79	155.17	162.34	169.80	175.74	181.98	188.05	194.62	201.03	207.58
Bartow CC.1.PAG	Steam-CC	23.76	23.58	27.95	32.65	37.78	43.72	50.38	57.39	64.37	69.64	75.92	81.22	86.86	87.98	91.79	96.67	101.77	112.22	121.26	127.22	135.90	145.15	153.33	161.51	167.08	176.47	187.43	194.89	203.82	214.27	220.35	228.22	235.49	244.87	252.29
BARTOW_P.1	CT	280.31	262.18	281.00	298.33	296.48	319.65	325.59	333.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BARTOW_P.2	CT	49.73	47.58	59.28	59.14	78.50	92.61	100.64	115.71	121.03	131.63	144.78	159.52	163.90	167.00	180.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BARTOW_P.3	CT	287.39	245.87	277.81	297.33	290.87	312.46	317.03	355.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BARTOW_P.4	CT	45.27	44.26	59.87	59.09	76.36	89.69	101.72	116.15	118.25	130.87	144.77	160.71	163.41	167.51	180.48	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Battery Cape San Blas	Storage	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Battery Jennings	Storage	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Battery Micanopy	Storage	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Battery Trenton	Storage	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BAYBORO_P.1	CT	215.85	215.65	221.91	224.36	228.49	240.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BAYBORO_P.2	CT	281.50	227.55	246.00	297.00	259.78	268.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BAYBORO_P.3	CT	217.38	215.52	220.02	225.42	228.26	240.81	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BAYBORO_P.4	CT	216.31	213.70	221.24	224.04	228.12	240.81	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Citrus.CC.1	Steam-CC	17.07	17.42	19.39	22.08	26.11	30.48	34.85	39.44	44.76	49.27	52.88	57.38	61.02	62.31	66.95	71.12	75.25	83.05	89.86	94.10	101.43	107.87	114.72	121.20	125.86	133.48	140.95	147.51	154.42	160.09	165.69	171.51	177.21	183.09	189.00
Citrus.CC.1.Duct	Steam-CC	18.57	18.88	21.45	24.58	29.23	33.91	39.22	44.37	50.77	54.91	60.16	65.24	68.71	70.41	76.37	81.13	86.41	95.27	102.73	107.73	117.50	124.75	133.06	140.97	146.60	154.55	164.82	171.84	180.14	185.57	193.37	200.01	206.44	213.11	220.78
Citrus.CC.2	Steam-CC	17.08	17.48	19.35	22.21	26.10	30.52	34.91	39.52	44.84	49.29	52.90	57.39	61.03	62.30	66.95	70.94	74.98	82.77	89.59	93.86	101.13	107.54	114.36	120.61	125.31	132.99	140.78	147.52	154.40	159.89	165.58	171.45	177.13	182.91	188.90
Citrus.CC.2.Duct	Steam-CC	18.43	18.72	21.12	24.56	29.08	33.74	38.88	44.37	50.27	54.66	59.98	64.69	68.24	70.05	75.47	80.23	84.72	94.16	101.60	106.39	115.21	123.10	131.34	138.92	144.51	153.32	162.92	169.72	177.99	183.27	190.85	197.27	203.43	209.99	217.72
Crystal.4	Steam-Coal	26.20	26.66	27.46	28.01	28.34	36.93	43.94	51.54	58.68	65.20	71.11	81.36	88.22	95.39	104.48	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Crystal.5	Steam-Coal	25.65	26.26	26.63	27.45	28.08	36.30	43.26	50.63	57.90	64.09	70.36	80.06	87.30	94.09	102.88	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Dade.County	Renewable	20.34	20.87	22.40	25.02	28.47	35.47	42.40	49.50	56.85	64.35	72.94	80.51	88.00	96.37	104.90	113.40	126.59	143.66	156.80	168.41	184.51	200.04	209.69	223.77	234.20	247.40	264.21	278.67	292.40	306.62	319.48	335.60	348.16	360.41	375.12
DEBARY.10	CT	227.35	223.02	235.84	241.35	241.70	252.63	267.07	285.48	294.99	311.58	322.26	337.27	343.76	359.33	379.86	388.43	414.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.2	CT	271.32	262.36	271.27	298.21	280.63	309.16	330.27	342.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.3	CT	279.85	254.71	272.00	288.73	287.12	299.83	312.72	338.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.4	CT	275.73	246.85	275.04	308.07	289.33	306.13	313.98	359.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.5	CT	276.08	245.21	276.18	307.40	284.56	309.41	308.05	338.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.6	CT	277.84	253.67	276.55	312.93	284.26	305.50	316.01	342.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.7	CT	46.38	41.91	59.20	62.76	73.26	81.46	91.70	103.80	112.44	122.15	131.16	147.40	152.24	155.18	170.68	177.94	192.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.8	CT	45.73	43.35	50.65	58.26	72.31	83.25	91.51	104.03	111.62	121.82	132.52	146.83	151.80	155.06	169.29	176.92	183.99	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.9	CT	45.25	45.19	51.78	63.23	71.98	83.91	93.26	103.77	112.79	122.62	131.53	146.84	152.49	154.86	171.72	178.13	187.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EconPurch	TranEcon-Purc	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EconSale	TranEcon-Sale	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.1	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	82.98	89.01	95.54	101.58	107.34	111.51	111.11	128.82	139.49	146.57	160.44	172.78	178.74	195.52	204.33	238.42	257.57	263.60	278.47	291.78	304.32	321.65	327.44	338.73	349.45	358.28	368.09	376.28
Gen.190MW.CT.10	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	205.63	207.87	220.82	229.74	271.57	291.37	295.57	308.82	325.30	338.63	357.36	362.31	376.77	384.97	392.82	403.67	413.55
Gen.190MW.CT.11	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.12	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	299.76	317.24	332.72	349.93	371.47	375.29	390.59	388.76	408.11	426.12	423.36
Gen.190MW.CT.13	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	302.29	321.17	341.80	356.29	370.35	377.21	394.08	385.21	412.07	427.97	428.13
Gen.190MW.CT.14	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	322.80	348.79	364.32	373.48	385.54	403.71	394.00	420.83	432.91	432.35
Gen.190MW.CT.15	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	346.58	363.73	377.71	388.70	408.42	396.36	429.94	437.55	433.17
Gen.190MW.CT.16	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.17	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.18	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.19	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.2	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	96.91	102.96	108.97	112.64	111.43	130.39	141.68	147.21	161.80	172.32	181.22	196.26	204.44	239.17	259.96	266.27	281.33	293.74	308.14	324.88	331.26	341.34	350.17	361.31	372.97	378.31
Gen.190MW.CT.20	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.21	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.3	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	112.61	113.89	113.06	133.11	143.52	149.94	165.07	174.79	183.35	197.97	206.44	243.02	263.15	269.65	284.23	299.12	312.76	327.62	333.21	345.18	352.94	363.32	375.44	380.13
Gen.190MW.CT.4	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	114.04	136.01	146.77	152.18	166.51	177.14	185.48	199.00	208.63	248.34	267.91	271.66	286.91	300.88	313.37	332.47	337.24	348.86	356.01	366.42	381.23	385.14
Gen.190MW.CT.5	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	141.37	150.44	155.00	169.82	179.09	188.26	201.68	210.78	249.67	271.89	275.70	288.89	304.69	317.56	334.76	342.56	352.66	360.04	371.76	384.18	386.59
Gen.190MW.CT.6	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	145.20	153.78	159.39	173.90	181.87	191.73	204.51	213.54	252.16	275.56	279.26	294.23	307.19	322.14	339.02	343.85	357.32	363.90	374.24	388.67	392.22
Gen.190MW.CT.7	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	149.58	156.39	163.82	177.01	187.50	194.05	206.22	216.51	257.49	281.56	284.67	298.75	311.51	326.21	342.41	347.31	361.90	371.74	382.99	394.62	399.41
Gen.190MW.CT.8	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	169.27	180.45	191.13	198.22	210.40	220.89	259.80	283.59	285.37	301.80	316.82	329.64	348.22	352.09	366.34	373.75	384.84	400.93	407.03
Gen.190MW.CT.9	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	197.96	202.68	214.55	220.89	267.24	284.47	291.93	305.38	319.42	333.31	349.79	356.20	369.92	377.40	387.88	403.22	412.28
Gen.2x1.CC.1.1	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	67.04	70.03	74.08	81.68	88.40	92.62	99.70	105.98	112.39	118.68	123.32	130.84	138.29	144.74	151.43	156.99	162.42	168.12	173.85	179.55	185.38
Gen.2x1.CC.1.1.Duct	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	88.36	92.88	98.15	108.64	117.19	122.74	132.55	140.80	149.61	157.27	163.60	173.34	183.27	191.76	201.27	207.42	214.69	222.27	229.75	237.59	245.23
Gen.2x1.CC.1.2	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	113.38	118.33	122.98	130.39	137.87	144.50	150.96	156.60	162.05	167.71	173.46	179.25	185.12
Gen.2x1.CC.1.2.Duct	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	149.90	157.21	163.53	173.42	183.22	191.65	201.36	206.86	214.60	222.34	229.56	237.23	245.07
Gen.2x1.CC.3	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.2x1.CC.3.Duct	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.2x1.CC.4	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.2x1.CC.4.Duct	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.2x1.CC.5	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0

CONFIDENTIAL

Fixed Cost ($000)

\\s00233\grpdata\PEF Resource Planning\2020\2020-03 Clean Energy Connection\Prosym\050S2020\CEC_750MW_HF.mdb

Station	Unit Type	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054
AC	DSM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anclote.1	Steam-Gas	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anclote.2	Steam-Gas	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
As.Avail	Cogen	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
As.Avail.PCS	Renewable	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AVON.PK_P.1	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AVON.PK_P.2	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bartow CC.1.0	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bartow CC.1.PAG	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BARTOW_P.1	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BARTOW_P.2	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BARTOW_P.3	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BARTOW_P.4	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Battery Cape San Blas	Storage	48	146	176	237	240	244	249	253	257	261	266	270	240	174	205	266	270	275	280	285	290	295	300	305	310	215	0	0	0	0	0	0	0	0	0
Battery Jennings	Storage	79	241	247	242	230	231	232	234	236	237	239	241	236	225	236	255	260	265	270	275	280	285	290	295	301	208	0	0	0	0	0	0	0	0	0
Battery Micanopy	Storage	79	241	247	242	230	231	232	234	236	237	239	241	236	225	236	255	260	265	270	275	280	285	290	295	301	208	0	0	0	0	0	0	0	0	0
Battery Trenton	Storage	79	241	247	242	230	231	232	234	236	237	239	241	236	225	236	255	260	265	270	275	280	285	290	295	301	208	0	0	0	0	0	0	0	0	0
BAYBORO_P.1	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BAYBORO_P.2	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BAYBORO_P.3	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BAYBORO_P.4	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus.CC.1	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus.CC.1.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus.CC.2	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus.CC.2.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Crystal.4	Steam-Coal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Crystal.5	Steam-Coal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dade.County	Renewable	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.10	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.2	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.3	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.4	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.5	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.6	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.7	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.8	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.9	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EconPurch	TranEcon-Purc	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EconSale	TranEcon-Sale	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.1	CT	0	0	0	0	0	0	257	452	463	475	487	499	511	524	537	551	564	578	593	608	623	638	654	671	688	705	722	740	759	778	797	817	838	859	
Gen.190MW.CT.10	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	712	1,252	1,283	1,315	1,348	1,382	1,416	1,451	1,488	1,525	1,563	1,602	1,642	1,683	1,725	1,768	1,813
Gen.190MW.CT.11	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	746	1,315	1,348	1,382	1,416	1,451	1,488	1,525	1,563	1,602	1,642	1,683	1,725	1,768	1,813
Gen.190MW.CT.12	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	826	1,451	1,488	1,525	1,563	1,602	1,642	1,683	1,725	1,768	1,813
Gen.190MW.CT.13	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	826	1,451	1,488	1,525	1,563	1,602	1,642	1,683	1,725	1,768	1,813
Gen.190MW.CT.14	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	847	1,488	1,525	1,563	1,602	1,642	1,683	1,725	1,768	1,813	
Gen.190MW.CT.15	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	868	1,525	1,563	1,602	1,642	1,683	1,725	1,768	1,813		
Gen.190MW.CT.16	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.17	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.18	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.19	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.2	CT	0	0	0	0	0	0	0	0	270	475	487	499	511	524	537	551	564	578	593	608	623	638	654	671	688	705	722	740	759	778	797	817	838	859	
Gen.190MW.CT.20	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.21	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.3	CT	0	0	0	0	0	0	0	0	0	284	499	511	524	537	551	564	578	593	608	623	638	654	671	688	705	722	740	759	778	797	817	838	859		
Gen.190MW.CT.4	CT	0	0	0	0	0	0	0	0	0	0	298	524	537	551	564	578	593	608	623	638	654	671	688	705	722	740	759	778	797	817	838	859			
Gen.190MW.CT.5	CT	0	0	0	0	0	0	0	0	0	0	0	306	537	551	564	578	593	608	623	638	654	671	688	705	722	740	759	778	797	817	838	859			
Gen.190MW.CT.6	CT	0	0	0	0	0	0	0	0	0	0	0	306	537	551	564	578	593	608	623	638	654	671	688	705	722	740	759	778	797	817	838	859			
Gen.190MW.CT.7	CT	0	0	0	0	0	0	0	0	0	0	0	645	1,134	1,162	1,191	1,221	1,252	1,283	1,315	1,348	1,382	1,416	1,451	1,488	1,525	1,563	1,602	1,642	1,683	1,725	1,768	1,813			
Gen.190MW.CT.8	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	678	1,191	1,221	1,252	1,283	1,315	1,348	1,382	1,416	1,451	1,488	1,525	1,563	1,602	1,642	1,683	1,725	1,768	1,813			
Gen.190MW.CT.9	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	712	1,252	1,283	1,315	1,348	1,382	1,416	1,451	1,488	1,525	1,563	1,602	1,642	1,683	1,725	1,768	1,813				
Gen.2x1.CC.1.1	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	3,851	6,767	6,937	7,110	7,288	7,470	7,657	7,848	8,044	8,245	8,452	8,663	8,879	9,101	9,329	9,562	9,801	10,046	10,297	10,555	10,819	
Gen.2x1.CC.1.1.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	791	1,390	1,425	1,460	1,497	1,534	1,573	1,612	1,652	1,693	1,736	1,779	1,824	1,869	1,916	1,964	2,013	2,063	2,115	2,168	2,222	
Gen.2x1.CC.1.2	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4,693	8,245	8,452	8,663	8,879	9,101	9,329	9,562	9,801	10,046	10,297	10,555	10,819	
Gen.2x1.CC.1.2.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	964	1,693	1,736	1,779	1,824	1,869	1,916	1,964	2,013	2,063	2,115	2,168	2,222		
Gen.2x1.CC.1.3	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Gen.2x1.CC.1.3.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Gen.2x1.CC.1.4	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Gen.2x1.CC.1.4.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Gen.2x1.CC.1.5	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Gen.2x1.CC.1.5.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Gen.2x1.CC.1.6	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Gen.2x1.CC.1.6.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Gen.2x1.CC.1.7	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Gen.2x1.CC.1.7.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
HEAT	DSM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hines.CC.1	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hines.CC.2	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hines.CC.3	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hines.CC.4	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.1	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.10	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.11	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.12	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.13	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.14	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.2	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.3	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.4	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.5	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.6	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.7	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.8	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.9	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INTER	DSM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lake.County	Renewable	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LEE.County.Res	Renewable	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mulberry	Cogen	97,306	101,979	107,186	112,648	48,439	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NSG.Vand.CT.1

CONFIDENTIAL

Fuel Cost ($000)

\\s00233\grpdata\PEF Resource Planning\2020\2020-03 Clean Energy Connection\Prosym\0505202O\CEC_750MW_HF.mdb

Station	Unit Type	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054
AC	DSM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anclote.1	Steam-Gas	9,133	11,053	13,961	14,409	18,003	18,281	25,324	29,473	33,748	37,480	37,456	44,467	42,289	46,271	44,544	49,316	49,009	56,119	53,398	61,365	56,801	67,358	22,427	0	0	0	0	0	0	0	0	0	0	0	0
Anclote.2	Steam-Gas	11,322	13,352	13,806	17,041	17,174	24,870	23,677	28,490	41,735	38,737	47,191	44,459	51,068	44,981	48,282	48,485	49,665	56,789	58,723	59,215	65,010	65,748	25,217	0	0	0	0	0	0	0	0	0	0	0	0
As.Avail	Cogen	36	36	39	44	50	59	67	77	87	97	105	116	122	125	129	134	146	159	168	182	192	209	213	219	227	238	253	266	282	291	301	310	325	336	349
As.Avail.PCS	Renewable	2,137	2,178	2,335	2,593	2,969	3,445	3,961	4,568	5,241	5,769	6,319	6,731	7,220	7,364	7,722	7,921	8,464	9,373	10,231	10,720	11,338	12,185	12,461	13,024	13,343	14,185	15,067	15,770	16,583	16,986	17,707	18,728	19,055	19,657	20,612
AVON.PK_P.1	CT	455	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AVON.PK_P.2	CT	141	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bartow CC.1.0	Steam-CC	122,946	123,846	134,118	139,021	137,970	171,416	189,242	219,590	232,643	268,704	291,954	325,873	328,470	331,050	328,941	324,358	326,019	333,028	377,536	366,895	414,852	430,788	412,216	383,296	387,801	423,492	452,738	463,658	459,153	497,159	512,667	534,683	531,958	550,261	584,389
Bartow CC.1.PAG	Steam-CC	361	514	389	191	391	404	379	836	1,096	1,065	1,545	1,602	1,388	1,471	978	1,248	1,296	1,423	1,560	1,595	1,620	1,867	2,069	2,123	2,256	2,248	2,555	2,319	2,435	2,472	2,790	2,980	3,051	3,258	3,828
BARTOW_P.1	CT	40	78	39	15	107	121	198	28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BARTOW_P.2	CT	67	75	72	13	226	123	310	672	959	875	1,233	864	1,052	902	116	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BARTOW_P.3	CT	70	89	65	15	118	74	230	34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BARTOW_P.4	CT	97	108	63	46	244	225	377	655	1,033	861	1,242	962	1,083	1,074	134	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Battery Cape San Blas	Storage	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Battery Jennings	Storage	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Battery Micanopy	Storage	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Battery Trenton	Storage	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BAYBORO_P.1	CT	379	347	275	76	629	553	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BAYBORO_P.2	CT	10	67	21	5	22	22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BAYBORO_P.3	CT	240	329	211	76	558	493	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BAYBORO_P.4	CT	312	246	161	56	544	321	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus.CC.1	Steam-CC	93,355	97,880	108,047	126,825	164,373	161,778	183,814	201,948	212,471	239,297	251,144	260,205	281,942	278,493	294,444	280,295	284,045	300,877	326,688	317,728	366,295	370,426	356,909	358,475	368,795	380,368	423,869	440,538	441,961	464,731	482,672	483,163	518,699	532,395	559,138
Citrus.CC.1.Duct	Steam-CC	5,033	5,418	5,482	6,236	5,247	5,542	5,973	7,167	8,763	9,280	9,582	11,436	11,532	11,879	11,317	11,799	13,162	14,076	14,791	15,080	17,843	17,038	15,118	16,884	17,676	17,352	20,795	21,226	21,742	21,884	24,355	23,914	25,535	26,991	28,845
Citrus.CC.2	Steam-CC	101,836	100,888	95,351	125,539	142,909	159,671	178,368	195,043	206,861	237,424	250,363	259,971	280,892	278,206	298,829	298,581	303,886	319,695	348,257	330,188	385,930	395,526	394,976	388,218	393,926	402,153	429,550	439,341	444,454	470,374	485,853	485,970	520,780	536,801	558,333
Citrus.CC.2.Duct	Steam-CC	5,022	5,129	5,559	6,006	4,375	5,165	5,645	6,889	8,122	8,741	8,879	10,450	10,677	11,401	9,946	10,357	10,826	12,373	13,037	12,688	13,867	13,938	10,804	11,776	12,338	12,434	14,949	14,363	14,506	15,305	16,427	16,787	17,461	18,721	20,291
Crystal.4	Steam-Coal	42,335	48,675	44,313	58,670	124,004	94,170	83,921	85,432	82,593	90,641	86,893	99,476	85,527	97,599	29,147	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Crystal.5	Steam-Coal	43,360	43,250	85,122	92,473	88,366	92,870	99,955	82,754	97,701	94,553	105,066	99,147	104,286	90,529	37,021	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dade.County	Renewable	1,788	1,830	1,901	2,220	2,501	2,938	3,334	3,827	4,421	4,872	5,221	5,703	6,072	6,251	6,504	6,680	7,201	8,026	8,526	8,890	9,675	10,358	10,552	10,957	11,425	11,903	12,720	13,335	13,931	14,480	14,954	15,716	16,206	16,584	17,221
DEBARY.10	CT	300	337	262	103	443	356	860	1,664	2,816	2,237	3,200	2,036	2,882	2,339	2,136	2,478	378	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.2	CT	82	100	63	60	150	113	230	45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.3	CT	112	130	103	55	205	164	434	62	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.4	CT	97	136	68	34	135	165	353	34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.5	CT	88	126	83	50	180	144	289	51	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.6	CT	93	151	97	35	245	179	443	45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.7	CT	299	213	248	145	688	599	977	1,853	2,786	2,312	3,286	2,600	3,001	2,505	2,381	2,487	343	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.8	CT	172	176	130	87	481	436	763	1,425	2,165	1,769	2,557	2,175	2,499	1,981	1,744	1,845	333	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.9	CT	319	290	247	134	805	704	1,082	2,123	3,035	2,389	3,480	2,889	3,184	2,773	2,556	2,810	432	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EconPurch	TranEcon-Purc	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EconSale	TranEcon-Sale	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.1	CT	0	0	0	0	0	0	10,343	15,754	15,750	21,497	24,854	27,526	30,416	32,562	35,786	39,058	44,561	46,076	56,389	55,237	61,839	50,301	46,951	51,067	55,314	60,230	63,636	68,397	66,675	71,423	75,941	75,238	79,322	86,979
Gen.190MW.CT.10	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8,541	12,146	12,989	16,016	12,719	12,470	14,695	16,300	19,189	19,974	20,442	21,139	22,730	23,358	25,727	26,069	30,728
Gen.190MW.CT.11	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8,988	13,024	10,073	10,004	12,796	13,616	15,727	17,203	17,239	17,937	19,622	20,886	22,342	26,699
Gen.190MW.CT.12	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8,874	12,061	14,061	14,143	14,059	14,796	16,105	17,556	17,939	18,930	22,745
Gen.190MW.CT.13	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7,059	9,419	11,040	11,645	12,093	12,414	13,999	15,226	15,684	15,964	19,536
Gen.190MW.CT.14	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6,757	8,431	9,140	9,871	10,070	11,184	12,955	12,952	12,765	16,241
Gen.190MW.CT.15	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6,140	7,113	8,049	8,128	8,755	10,009	9,854	10,357	13,635
Gen.190MW.CT.16	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.17	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.18	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.19	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.2	CT	0	0	0	0	0	0	0	0	0	10,683	17,672	20,199	22,982	25,827	27,904	30,594	35,084	40,052	42,292	48,841	47,828	55,021	44,276	41,466	46,378	49,701	54,507	56,285	58,694	60,315	64,786	68,777	68,500	70,365	77,165
Gen.190MW.CT.20	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.21	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.3	CT	0	0	0	0	0	0	0	0	0	13,139	18,891	21,866	23,965	26,822	29,657	34,227	35,606	43,117	40,949	49,300	39,067	35,747	40,346	43,829	46,653	48,323	54,492	52,585	56,033	61,323	60,706	64,269	69,808
Gen.190MW.CT.4	CT	0	0	0	0	0	0	0	0	0	0	0	14,631	19,690	22,211	25,025	29,237	31,212	37,386	36,079	42,853	32,736	31,907	36,410	38,488	42,643	44,101	47,345	46,294	50,577	53,954	53,125	55,243	61,283
Gen.190MW.CT.5	CT	0	0	0	0	0	0	0	0	0	0	0	0	14,527	18,655	21,768	25,024	27,198	32,871	31,329	38,008	28,813	27,914	31,439	35,138	38,055	39,799	41,751	39,204	44,721	48,576	47,765	52,110	55,121
Gen.190MW.CT.6	CT	0	0	0	0	0	0	0	0	0	0	0	0	11,799	15,328	17,830	20,445	23,877	27,214	26,334	31,419	25,896	23,897	27,414	30,890	33,249	35,060	37,060	37,932	38,868	42,780	42,543	44,871	50,002
Gen.190MW.CT.7	CT	0	0	0	0	0	0	0	0	0	0	0	0	9,740	12,535	14,467	17,686	19,488	23,235	22,580	27,009	21,536	21,264	23,096	27,151	28,979	30,608	32,360	32,496	33,884	35,746	35,674	39,748	44,982
Gen.190MW.CT.8	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10,350	14,214	16,316	18,793	19,252	23,510	18,183	17,708	20,325	23,101	25,147	26,014	28,070	27,421	29,348	31,333	32,893	35,086	37,658
Gen.190MW.CT.9	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10,988	15,301	15,706	18,923	15,130	15,224	18,099	19,614	22,413	23,316	24,528	24,556	26,285	28,721	29,299	29,978	34,361
Gen.2x1.CC.1.1	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	247,706	431,714	441,489	474,867	501,850	509,950	540,804	564,469	581,634	581,463	595,333	622,346	654,960	677,666	710,306	720,046	746,182	767,872	795,362	821,102	846,807
Gen.2x1.CC.1.1.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	23,473	30,685	32,063	37,849	37,721	44,195	46,503	50,520	58,947	66,139	67,990	72,186	80,520	83,467	93,501	88,488	93,444	96,802	100,083	105,176	105,363
Gen.2x1.CC.1.2	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	951,642	606,361	617,207	650,291	683,638	705,303	737,631	751,810	774,483	799,104	823,468	845,322	868,221
Gen.2x1.CC.1.2.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	39,532	53,713	57,200	60,808	64,539	67,501	75,933	71,569	78,634	84,535	84,324	85,500	88,988
Gen.2x1.CC.1.3	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.3.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.4	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.4.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.5	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.5.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.6	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.6.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.7	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.7.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HEAT	DSM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hines.CC.1	Steam-CC	42,804	50,443	57,286	50,591	49,708	53,363	63,069	82,628	94,082	101,390	112,566	118,726	135,571	136,033	113,318	120,922	128,466	146,314	152,425	170,908	179,567	177,460	169,624	149,376	138,234	162,751	167,629	181,795	195,960	189,626	201,789	190,263	215,557	224,557	212,175
Hines.CC.2	Steam-CC	39,570	44,419	50,189	49,724	46,345	48,340	63,716	78,737	90,656	97,287	99,563	127,168	132,945	133,842	123,667	114,828	122,424	136,678	142,425	154,855	146,966	173,015	140,873	141,571	143,640	148,736	166,831	167,445	179,710	179,613	172,301	203,106	199,349	205,548	210,809
Hines.CC.3	Steam-CC	44,568	47,396	50,570	52,448	52,334	57,860	66,419	82,520	98,436	106,558	122,843	128,211	138,817	143,900	137,856	133,542	134,090	151,488	158,780	171,455	176,194	177,205	165,492	153,204	152,990	181,016	188,138	203,724	209,577	209,873	216,714	207,360	233,520	240,097	252,496
Hines.CC.4	Steam-CC	64,953	56,757	70,484	69,666	66,232	90,408	95,165	107,919	134,958	143,919	139,294	154,987	175,748	176,080	161,104	157,856	170,643	190,417	199,820	203,368	211,311	233,008	198,212	183,705	204,813	208,509	205,030	211,663	237,774	238,864	223,644	238,434	266,285	275,321	263,853
INT.CITY.1	CT	154	220	151	54	327	260	576	1,056	1,767	1,423	2,036	1,562	1,744	1,432	129	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.10	CT	214	200	107	47	715	387	1,065	1,677	2,645	2,018	2,941	2,036	2,696	2,048	2,387	2,543	531	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.11	CT	589	623	470	202	881	842	1,677	3,228	4,853	3,972	5,804	3,752	4,704	4,136	3,540	4,384	5,836	6,296	5,630	7,626	5,945	7,001	5,539	6,866	1,099	0	0	0	0	0	0	0	0	0	0
INT.CITY.12	CT	556	555	471	400	1,298	1,079	1,579	3,399	4,785	3,755	5,352	4,567	4,687	4,587	3,960	4,038	4,282	4,521	3,543	4,320	3,215	4,313	4,202	4,579	3,089	573	0	0	0	0	0	0	0	0	0
INT.CITY.13	CT	674	647	608	450	1,459	1,009	1,840	3,642	4,946	4,092	5,517	4,703	5,257	4,764	4,056	4,441	4,515	5,051	3,800	4,757	3,398	4,598	4,603	5,134	4,426	410	0	0	0	0	0	0	0	0	0
INT.CITY.14	CT	481	417	330	114	1,001	1,385	3,085	3,395	4,360	4,168	4,553	4,119	3,689	3,626	3,705	4,520	3,084	3,789	2,790	3,613	3,313	3,128	2,914	250	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.2	CT	41	98	61	20	97	64	152	425	1,135	860	1,188	916	1,139	852	47	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.3	CT	136	223	111	59	180	211	340

CONFIDENTIAL

Fuel Rate ($/MMBtu)

\\s00233\grpdata\PEF Resource Planning\2020\2020-03 Clean Energy Connection\Prosym\050520\CEC_750MW_HF.mdb

Station	Unit Type	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054
AC	DSM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Anclote.1	Steam-Gas	2.46	2.54	2.86	3.36	3.91	4.28	4.71	5.18	5.76	6.18	6.54	6.98	7.31	7.27	7.70	8.06	8.17	8.82	9.33	9.46	10.05	10.51	10.72	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Anclote.2	Steam-Gas	2.49	2.52	2.87	3.32	3.92	4.32	4.72	5.19	5.75	6.19	6.52	6.99	7.31	7.27	7.70	8.07	8.16	8.84	9.32	9.47	10.05	10.51	10.71	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
As.Avail	Cogen	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
As.Avail.PCS	Renewable	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVON.PK_P.1	CT	2.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVON.PK_P.2	CT	14.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Bartow CC.1.0	Steam-CC	2.48	2.54	2.84	3.29	3.90	4.26	4.71	5.17	5.76	6.20	6.52	6.99	7.32	7.28	7.71	8.07	8.17	8.85	9.36	9.49	10.08	10.53	10.97	11.39	11.59	12.21	12.86	13.32	13.88	14.14	14.47	14.83	15.20	15.58	15.96
Bartow CC.1.PAG	Steam-CC	2.42	2.45	2.83	3.36	3.90	4.28	4.77	5.26	5.81	6.20	6.63	7.03	7.35	7.29	7.66	8.07	8.17	8.79	9.33	9.44	10.02	10.49	10.92	11.31	11.48	12.09	12.80	13.24	13.69	14.28	14.55	14.89	15.23	15.69	16.00
BARTOW_P.1	CT	14.16	13.88	14.05	14.31	14.58	14.94	15.51	16.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BARTOW_P.2	CT	2.45	2.54	2.87	3.31	3.88	4.31	4.79	5.26	5.82	6.18	6.66	7.03	7.33	7.26	7.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BARTOW_P.3	CT	14.16	13.80	14.06	14.25	14.57	14.93	15.51	16.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BARTOW_P.4	CT	2.42	2.52	2.93	3.36	3.87	4.31	4.77	5.27	5.80	6.18	6.64	7.05	7.33	7.26	7.55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Battery Cape San Blas	Storage	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Battery Jennings	Storage	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Battery Micanopy	Storage	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Battery Trenton	Storage	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BAYBORO_P.1	CT	13.92	13.96	14.13	14.28	14.58	14.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BAYBORO_P.2	CT	14.11	13.81	14.11	14.32	14.61	14.97	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BAYBORO_P.3	CT	14.02	13.97	14.14	14.28	14.58	14.93	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BAYBORO_P.4	CT	13.95	13.89	14.16	14.29	14.58	14.93	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Citrus.CC.1	Steam-CC	2.44	2.49	2.79	3.20	3.82	4.19	4.63	5.10	5.67	6.13	6.44	6.89	7.22	7.17	7.63	7.99	8.09	8.76	9.27	9.39	9.98	10.44	10.91	11.29	11.47	12.11	12.75	13.22	13.75	14.05	14.40	14.75	15.11	15.48	15.86
Citrus.CC.1.Duct	Steam-CC	2.36	2.39	2.75	3.20	3.81	4.17	4.64	5.11	5.70	6.08	6.53	6.97	7.22	7.20	7.63	7.99	8.08	8.77	9.26	9.36	9.99	10.44	10.93	11.30	11.49	12.12	12.77	13.23	13.79	14.02	14.38	14.73	15.09	15.45	15.83
Citrus.CC.2	Steam-CC	2.44	2.50	2.78	3.22	3.81	4.19	4.63	5.11	5.68	6.13	6.44	6.89	7.22	7.17	7.64	7.99	8.09	8.75	9.27	9.40	9.98	10.43	10.93	11.28	11.47	12.12	12.74	13.22	13.76	14.04	14.39	14.74	15.11	15.47	15.85
Citrus.CC.2.Duct	Steam-CC	2.35	2.39	2.74	3.20	3.83	4.17	4.64	5.12	5.70	6.08	6.54	6.97	7.22	7.20	7.62	7.99	8.07	8.77	9.26	9.33	9.97	10.45	10.92	11.30	11.49	12.12	12.76	13.24	13.82	13.99	14.37	14.70	15.06	15.43	15.80
Crystal.4	Steam-Coal	2.12	2.18	2.26	2.43	2.53	2.75	2.93	3.16	3.40	3.51	3.65	4.04	4.18	4.33	4.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Crystal.5	Steam-Coal	2.12	2.18	2.26	2.43	2.53	2.75	2.93	3.16	3.40	3.51	3.65	4.04	4.18	4.33	4.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Dade.County	Renewable	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.10	CT	14.23	14.17	14.38	14.53	14.83	15.19	15.77	16.42	17.18	17.87	18.32	18.72	19.14	19.58	20.03	20.48	20.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.2	CT	14.34	14.12	14.33	14.55	14.82	15.19	15.77	16.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.3	CT	14.33	14.10	14.32	14.53	14.82	15.19	15.77	16.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.4	CT	14.29	14.04	14.31	14.53	14.83	15.19	15.77	16.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.5	CT	14.38	14.04	14.32	14.54	14.83	15.19	15.76	16.43	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.6	CT	14.39	14.13	14.33	14.54	14.83	15.19	15.77	16.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.7	CT	2.43	2.53	2.86	3.33	3.89	4.32	4.77	5.26	5.79	6.17	6.64	7.05	7.33	7.28	7.75	8.09	8.07	8.75	9.27	9.40	9.98	10.43	10.93	11.28	11.47	12.12	12.74	13.22	13.76	14.04	14.39	14.74	15.11	15.47	15.85
DEBARY.8	CT	2.46	2.52	2.86	3.34	3.89	4.34	4.78	5.26	5.79	6.18	6.66	7.05	7.33	7.28	7.76	8.11	8.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.9	CT	2.45	2.52	2.86	3.35	3.88	4.32	4.78	5.26	5.79	6.17	6.65	7.05	7.33	7.29	7.74	8.09	8.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EconPurch	TranEcon-Purc	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EconSale	TranEcon-Sale	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.1	CT	0.00	0.00	0.00	0.00	0.00	0.00	5.28	5.78	6.17	6.60	7.03	7.31	7.29	7.71	8.05	8.17	8.84	9.33	9.44	10.05	10.51	10.95	11.37	11.58	12.22	12.84	13.30	13.89	14.02	14.36	14.74	15.09	15.46	15.86
Gen.190MW.CT.10	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.37	9.43	10.08	10.56	11.00	11.42	11.62	12.28	12.88	13.32	13.93	14.03	14.39	14.73	15.09	15.48	15.86
Gen.190MW.CT.11	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.12	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.69	12.29	12.89	13.33	13.96	14.04	14.39	14.71	15.12	15.47	15.87
Gen.190MW.CT.13	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.68	12.27	12.90	13.33	13.96	14.04	14.39	14.73	15.12	15.49	15.89
Gen.190MW.CT.14	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.33	12.90	13.35	13.99	14.02	14.39	14.71	15.13	15.49	15.88
Gen.190MW.CT.15	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.33	12.97	13.33	14.01	14.05	14.39	14.71	15.12	15.50	15.87
Gen.190MW.CT.16	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.17	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.18	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.19	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.2	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.16	6.61	7.04	7.31	7.29	7.73	8.06	8.17	8.84	9.33	9.45	10.05	10.52	10.95	11.38	11.58	12.23	12.85	13.30	13.89	14.03	14.37	14.73	15.08	15.46	15.86
Gen.190MW.CT.20	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.21	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.3	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.13	7.31	7.30	7.74	8.06	8.17	8.84	9.33	9.44	10.05	10.52	10.96	11.38	11.59	12.24	12.85	13.31	13.89	14.03	14.37	14.73	15.08	15.46	15.85
Gen.190MW.CT.4	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.35	7.74	8.06	8.16	8.85	9.34	9.44	10.05	10.53	10.96	11.38	11.59	12.23	12.85	13.30	13.90	14.02	14.37	14.72	15.08	15.46	15.85
Gen.190MW.CT.5	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.79	8.07	8.17	8.85	9.33	9.44	10.05	10.53	10.97	11.39	11.66	12.25	12.85	13.31	13.91	14.00	14.38	14.72	15.09	15.46	15.85
Gen.190MW.CT.6	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.79	8.08	8.18	8.86	9.33	9.44	10.06	10.52	10.97	11.39	11.60	12.24	12.86	13.30	13.90	14.03	14.37	14.73	15.09	15.47	15.86
Gen.190MW.CT.7	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.81	8.08	8.18	8.87	9.34	9.44	10.07	10.54	10.98	11.40	11.61	12.26	12.87	13.31	13.92	14.02	14.36	14.73	15.08	15.46	15.86
Gen.190MW.CT.8	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.21	8.87	9.34	9.45	10.07	10.55	10.99	11.41	11.61	12.28	12.87	13.31	13.92	14.02	14.38	14.72	15.09	15.46	15.86
Gen.190MW.CT.9	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.60	7.93	8.07	8.85	9.37	9.43	10.07	10.54	11.01	11.42	11.62	12.29	12.87	13.32	13.91	14.01	14.38	14.72	15.10	15.46	15.87
Gen.2x1.CC.1.1	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.84	8.08	8.19	8.85	9.37	9.50	10.07	10.53	10.98	11.38	11.58	12.21	12.85	13.31	13.83	14.16	14.49	14.86	15.23	15.61	16.00
Gen.2x1.CC.1.1.Duct	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.82	8.09	8.18	8.88	9.36	9.47	10.10	10.54	11.05	11.41	11.62	12.24	12.87	13.35	13.91	14.11	14.44	14.80	15.16	15.54	15.92
Gen.2x1.CC.1.2	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.32	11.39	11.58	12.21	12.85	13.32	13.83	14.17	14.50	14.87	15.24	15.62	16.01	0.00
Gen.2x1.CC.1.2.Duct	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.13	11.42	11.62	12.26	12.88	13.34	13.93	14.07	14.43	14.80	15.14	15.52	15.91	0.00
Gen.2x1.CC.1.3	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.2x1.CC.1.3.Duct	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.2x1.CC.4	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.2x1.CC.4.Duct	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.2x1.CC.1.5	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0

CONFIDENTIAL

Heat Rate (MMBtu/MWh)

\\s00233\grpdata\PEF Resource Planning\2020\2020-03 Clean Energy Connection\Prosym\050520\CEC_750MW_HF.mdb

Station	Unit Type	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054
AC	DSM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Anclote.1	Steam-Gas	12.46	12.43	12.50	12.49	12.48	12.48	12.49	12.45	12.37	12.40	12.38	12.41	12.38	12.39	12.46	12.45	12.47	12.41	12.43	12.40	12.45	12.45	12.43	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Anclote.2	Steam-Gas	13.78	13.70	13.76	13.78	13.73	13.73	13.79	13.71	13.51	13.61	13.56	13.69	13.60	13.65	13.77	13.78	13.81	13.68	13.77	13.80	13.80	13.76	13.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
As.Avail	Cogen	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
As.Avail.PCS	Renewable	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVON.PK_P.1	CT	36.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVON.PK_P.2	CT	36.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Bartow CC.1.0	Steam-CC	7.00	7.00	6.98	6.98	7.04	6.99	6.99	7.00	7.00	7.00	7.00	7.00	7.01	7.01	7.02	7.04	7.05	7.04	7.05	7.03	7.05	7.04	7.05	7.09	7.10	7.09	7.09	7.09	7.08	7.09	7.09	7.08	7.08	7.08	7.08
Bartow CC.1.PAG	Steam-CC	8.96	8.75	9.10	9.05	9.09	9.04	9.05	9.12	9.08	9.02	9.05	8.99	9.05	8.99	8.83	8.74	8.71	8.74	8.71	8.73	8.67	8.70	8.68	8.69	8.66	8.63	8.64	8.60	8.61	8.65	8.61	8.62	8.61	8.64	8.64
BARTOW_P.1	CT	17.56	16.62	17.56	17.67	17.55	17.54	17.48	17.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BARTOW_P.2	CT	14.45	14.34	14.81	14.04	15.02	15.22	14.94	15.39	14.92	15.04	15.18	15.21	15.11	14.98	15.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BARTOW_P.3	CT	17.64	16.59	17.65	17.67	17.65	17.64	17.24	17.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BARTOW_P.4	CT	14.34	14.12	15.46	14.24	15.33	15.30	15.45	15.74	14.86	15.17	15.43	15.36	15.26	15.32	15.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Battery Cape San Blas	Storage	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Battery Jennings	Storage	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Battery Micanopy	Storage	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Battery Trenton	Storage	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BAYBORO_P.1	CT	14.63	14.61	14.75	14.86	14.68	14.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BAYBORO_P.2	CT	18.50	15.58	16.44	18.50	16.44	16.44	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BAYBORO_P.3	CT	14.63	14.63	14.63	14.86	14.68	14.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BAYBORO_P.4	CT	14.63	14.53	14.63	14.63	14.63	14.63	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Citrus.CC.1	Steam-CC	6.48	6.48	6.48	6.48	6.48	6.48	6.48	6.49	6.49	6.49	6.49	6.49	6.49	6.49	6.50	6.52	6.53	6.52	6.52	6.52	6.52	6.52	6.53	6.56	6.56	6.55	6.54	6.54	6.54	6.55	6.54	6.54	6.53	6.53	6.53
Citrus.CC.1.Duct	Steam-CC	7.36	7.36	7.32	7.27	7.31	7.29	7.31	7.31	7.36	7.30	7.33	7.34	7.33	7.34	7.44	7.47	7.52	7.50	7.48	7.50	7.57	7.56	7.59	7.65	7.66	7.61	7.67	7.64	7.64	7.62	7.66	7.65	7.64	7.63	7.66
Citrus.CC.2	Steam-CC	6.49	6.49	6.49	6.49	6.49	6.49	6.49	6.49	6.49	6.49	6.49	6.49	6.49	6.49	6.49	6.49	6.49	6.50	6.50	6.50	6.50	6.50	6.50	6.53	6.53	6.53	6.54	6.54	6.54	6.54	6.54	6.54	6.53	6.53	6.53
Citrus.CC.2.Duct	Steam-CC	7.31	7.30	7.25	7.25	7.24	7.25	7.25	7.30	7.29	7.27	7.30	7.28	7.28	7.30	7.36	7.39	7.38	7.41	7.40	7.42	7.43	7.45	7.50	7.54	7.54	7.54	7.58	7.54	7.53	7.53	7.56	7.56	7.53	7.53	7.56
Crystal.4	Steam-Coal	11.07	10.99	10.90	10.45	10.19	10.43	10.58	10.71	10.70	10.83	10.77	10.98	11.04	11.15	11.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Crystal.5	Steam-Coal	10.89	10.83	10.68	10.31	10.11	10.30	10.48	10.57	10.59	10.70	10.72	10.85	10.96	11.02	11.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Dade.County	Renewable	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.10	CT	14.66	14.51	14.69	14.75	14.63	14.66	14.62	14.65	14.58	14.60	14.57	14.58	14.55	14.55	14.57	14.54	14.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.2	CT	16.85	16.86	16.96	17.13	16.85	16.84	16.93	17.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.3	CT	16.96	16.35	17.05	17.09	16.85	16.84	16.67	17.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.4	CT	16.98	16.18	17.04	16.86	16.91	16.95	16.59	17.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.5	CT	17.00	16.09	17.09	17.10	16.89	16.96	16.52	17.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.6	CT	16.97	16.20	16.98	17.21	16.85	16.84	16.63	17.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.7	CT	13.67	13.44	14.12	13.88	14.05	14.04	14.08	14.15	13.94	14.01	14.04	14.24	14.11	14.11	14.33	14.50	14.50	14.41	14.43	14.40	14.50	14.50	14.50	14.50	14.50	14.50	14.50	14.50	14.50	14.50	14.50	14.50	14.50	14.50	14.50
DEBARY.8	CT	13.60	13.36	13.94	13.60	14.01	14.01	13.99	14.10	13.87	13.92	14.02	14.09	14.03	13.98	14.23	14.22	14.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.9	CT	13.67	13.55	14.03	14.03	14.10	14.07	14.12	14.22	13.99	14.08	14.11	14.22	14.14	14.13	14.35	14.35	14.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EconPurch	TranEcon-Purc	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EconSale	TranEcon-Sale	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.1	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.58	11.27	11.19	11.09	10.87	10.80	10.56	11.48	11.77	11.72	11.66	11.70	11.62	11.72	11.57	12.52	12.85	12.72	12.68	12.62	12.64	12.66	12.62	12.61	12.59	12.53	12.54	12.46
Gen.190MW.CT.10	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.79	12.57	12.44	12.32	13.48	13.72	13.57	13.45	13.45	13.48	13.49	13.39	13.49	13.34	13.29	13.41	13.23
Gen.190MW.CT.11	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.63	12.53	13.46	13.70	13.56	13.43	13.43	13.60	13.59	13.64	13.65	13.62	13.54	13.28	13.31
Gen.190MW.CT.12	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.57	13.53	13.50	13.64	13.76	13.67	13.75	13.39	13.59	13.70	13.41
Gen.190MW.CT.13	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.54	13.57	13.70	13.67	13.65	13.69	13.77	13.35	13.62	13.71	13.46
Gen.190MW.CT.14	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.54	13.81	13.79	13.73	13.81	13.91	13.45	13.72	13.77	13.51
Gen.190MW.CT.15	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.67	13.74	13.71	13.77	13.77	13.91	13.42	13.84	13.74	13.44
Gen.190MW.CT.16	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.17	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.18	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.19	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.2	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.35	11.18	10.94	10.79	10.58	11.55	11.88	11.74	11.71	11.69	11.69	11.73	11.59	12.55	12.96	12.81	12.79	12.72	12.71	12.77	12.69	12.69	12.62	12.62	12.63	12.51
Gen.190MW.CT.20	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.21	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.3	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.14	10.83	10.60	11.65	11.95	11.84	11.84	11.75	11.77	11.79	11.64	12.71	13.08	12.92	12.89	12.85	12.82	12.85	12.74	12.77	12.69	12.67	12.71	12.54
Gen.190MW.CT.4	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.65	11.80	12.07	11.97	11.89	11.84	11.83	11.80	11.72	12.87	13.23	13.01	12.99	12.94	12.87	12.97	12.85	12.87	12.77	12.75	12.85	12.65
Gen.190MW.CT.5	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.17	12.20	12.09	12.01	11.91	11.95	11.88	11.79	12.93	13.38	13.16	13.03	13.06	12.99	13.04	13.01	12.97	12.87	12.88	12.91	12.68
Gen.190MW.CT.6	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.40	12.37	12.26	12.14	12.03	12.08	11.99	11.87	12.99	13.44	13.23	13.17	13.13	13.11	13.11	13.02	13.09	12.95	12.93	13.00	12.83
Gen.190MW.CT.7	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.57	12.48	12.49	12.26	12.21	12.13	12.04	11.94	13.19	13.58	13.38	13.27	13.24	13.21	13.21	13.10	13.17	13.12	13.16	13.10	12.98
Gen.190MW.CT.8	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.71	12.39	12.33	12.27	12.18	12.08	13.20	13.68	13.36	13.34	13.36	13.25	13.33	13.22	13.25	13.11	13.19	13.23	13.14
Gen.190MW.CT.9	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.58	12.42	12.29	12.25	12.18	12.09	13.38	13.71	13.52	13.40	13.39	13.39	13.35	13.28	13.32	13.17	13.21	13.27	13.22
Gen.2x1.CC.1.1	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.38	6.37	6.37	6.37	6.37	6.37	6.37	6.37	6.39	6.39	6.39	6.39	6.39	6.39	6.39	6.39	6.39	6.38	6.38	6.38	6.37
Gen.2x1.CC.1.1.Duct	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.45	8.46	8.46	8.47	8.46	8.47	8.47	8.47	8.47	8.47	8.47	8.47	8.47	8.47	8.47	8.48	8.47	8.47	8.47	8.47	8.47
Gen.2x1.CC.1.2	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.38	6.37	6.37	6.37	6.37	6.37	6.37	6.37	6.37	6.37	6.36	6.36	6.36
Gen.2x1.CC.1.2.Duct	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.45	8.47	8.47	8.47	8.47	8.47	8.47	8.47	8.47	8.47	8.47	8.46	8.47
Gen.2x1.CC.1.3	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.2x1.CC.1.3.Duct	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.2x1.CC.1.4	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.2x1.CC.1.4.Duct	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.2x1.CC.1.5	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.2x1.CC.1.5.Duct	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

CONFIDENTIAL

Start Cost ($000)

\\s00233\grpdata\PEF Resource Planning\2020\2020-03 Clean Energy Connection\Prosym\050S2020\CEC_750MW_HF.mdb

Station	Unit Type	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054
AC	DSM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anclote.1	Steam-Gas	303	360	352	372	259	420	362	419	414	516	557	562	566	755	600	690	742	852	817	870	782	920	490	0	0	0	0	0	0	0	0	0	0	0	0
Anclote.2	Steam-Gas	141	209	357	488	405	541	538	441	533	572	647	634	755	715	847	768	863	870	979	846	1,217	1,038	702	0	0	0	0	0	0	0	0	0	0	0	0
As.Avail	Cogen	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
As.Avail.PCS	Renewable	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AVON.PK_P.1	CT	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AVON.PK_P.2	CT	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bartow CC.1.0	Steam-CC	53	47	65	37	198	59	65	72	105	70	90	91	95	88	145	214	171	231	328	242	298	221	279	606	728	739	748	919	697	818	824	803	649	790	753
Bartow CC.1.PAG	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BARTOW_P.1	CT	5	10	5	1	17	23	29	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BARTOW_P.2	CT	26	22	28	4	77	41	89	186	206	182	251	205	216	201	29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BARTOW_P.3	CT	10	6	8	3	15	11	31	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BARTOW_P.4	CT	29	26	20	11	68	64	99	162	197	162	246	195	195	216	91	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Battery Cape San Blas	Storage	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Battery Jennings	Storage	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Battery Micanopy	Storage	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Battery Trenton	Storage	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BAYBORO_P.1	CT	7	5	6	1	15	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BAYBORO_P.2	CT	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BAYBORO_P.3	CT	4	4	4	1	13	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BAYBORO_P.4	CT	5	4	4	2	14	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus.CC.1	Steam-CC	100	85	92	114	64	105	84	134	143	103	108	173	131	130	128	145	219	220	168	249	167	175	288	222	209	304	231	221	345	355	261	370	254	394	418
Citrus.CC.1.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus.CC.2	Steam-CC	58	61	69	110	128	141	84	92	135	111	159	224	121	120	139	145	136	245	155	261	234	204	183	205	208	303	214	239	382	253	283	511	274	303	289
Citrus.CC.2.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Crystal.4	Steam-Coal	825	803	754	496	291	722	828	980	934	1,055	1,437	1,359	1,320	1,256	772	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Crystal.5	Steam-Coal	751	790	567	405	295	392	441	636	822	536	814	810	865	1,008	581	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dade.County	Renewable	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.10	CT	27	28	30	13	50	38	94	200	267	214	300	217	263	242	277	298	54	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.2	CT	10	10	7	12	18	20	42	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.3	CT	16	18	11	9	30	23	59	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.4	CT	13	11	8	9	20	26	52	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.5	CT	11	10	10	12	24	24	37	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.6	CT	12	15	13	9	33	29	67	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.7	CT	118	49	90	51	231	163	246	456	604	482	593	575	603	516	522	502	83	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.8	CT	63	50	35	24	157	130	195	363	462	376	498	503	517	434	377	373	70	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.9	CT	112	93	71	46	252	219	291	509	654	494	619	629	643	553	583	567	99	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EconPurch	TranEcon-Purc	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EconSale	TranEcon-Sale	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.1	CT	0	0	0	0	0	0	0	1,999	2,735	2,609	3,169	3,600	3,546	3,856	4,080	4,585	4,927	5,433	5,269	6,164	6,493	6,834	7,177	6,644	6,826	7,280	7,526	7,524	8,724	7,866	8,447	8,665	8,131	7,740	7,784
Gen.190MW.CT.10	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,084	2,783	2,816	3,125	2,986	2,958	3,190	3,327	3,864	3,825	4,052	4,082	4,236	4,311	4,336	4,384	4,668
Gen.190MW.CT.11	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,082	2,725	2,535	2,607	2,888	3,133	3,421	3,629	3,827	3,827	3,827	3,827	3,786	3,828	4,329
Gen.190MW.CT.12	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,082	2,896	3,296	3,246	3,247	3,229	3,508	3,461	3,523	3,849	3,880
Gen.190MW.CT.13	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,803	2,442	2,812	2,989	2,887	2,787	3,246	2,828	3,300	3,318	3,571
Gen.190MW.CT.14	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,803	2,342	2,573	2,382	2,524	2,887	2,783	3,048	2,831	3,179
Gen.190MW.CT.15	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,197	2,041	2,118	2,193	2,453	2,392	2,576	2,541	2,848
Gen.190MW.CT.16	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.17	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.18	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.19	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.2	CT	0	0	0	0	0	0	0	0	0	0	1,784	2,710	3,144	3,327	3,312	3,669	4,164	4,556	5,111	4,705	5,910	5,824	5,966	6,347	5,915	6,473	6,663	6,734	7,340	7,621	7,709	7,796	7,887	7,587	7,614	7,139
Gen.190MW.CT.20	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.21	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.3	CT	0	0	0	0	0	0	0	0	0	0	0	2,123	2,929	3,177	3,546	3,890	4,288	4,850	4,455	5,600	5,263	5,720	5,839	5,274	5,826	5,986	6,386	6,823	7,325	6,898	7,167	7,224	6,901	6,937	6,797
Gen.190MW.CT.4	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	2,088	3,158	3,644	3,820	4,306	4,142	5,218	4,866	5,227	5,363	5,048	5,326	5,403	5,760	6,080	6,755	6,365	6,737	6,653	6,245	6,441	6,413
Gen.190MW.CT.5	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,393	3,428	3,558	4,034	3,853	4,852	4,554	4,903	4,717	4,580	4,993	5,100	5,341	5,768	6,035	5,712	6,184	6,281	6,009	6,353	5,892
Gen.190MW.CT.6	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,088	2,987	3,285	3,697	3,565	4,328	4,021	4,407	4,476	4,276	4,487	4,926	4,807	5,411	5,835	5,661	5,668	5,875	5,538	5,850	5,612
Gen.190MW.CT.7	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,933	2,586	2,857	3,414	3,375	4,013	3,585	4,078	3,925	4,195	4,074	4,637	4,469	4,952	5,209	5,092	5,361	5,442	5,062	5,757	5,587
Gen.190MW.CT.8	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,249	2,938	3,076	3,527	3,301	3,855	3,541	3,686	3,747	4,121	4,215	4,550	4,910	4,526	4,946	5,124	4,780	5,443	5,141
Gen.190MW.CT.9	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,299	3,158	2,977	3,464	3,300	3,317	3,664	3,736	3,972	4,082	4,436	4,377	4,659	4,951	4,568	4,770	5,088
Gen.2x1.CC.1	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	35	54	55	64	68	85	74	77	86	114	84	103	101	97	131	103	121	132	135	141	117
Gen.2x1.CC.1.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.2	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	89	78	82	97	90	101	104	123	109	120	132	108
Gen.2x1.CC.1.2.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.3	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.3.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.4	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.4.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.5	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.5.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.6	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.6.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.7	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.7.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HEAT	DSM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hines.CC.1	Steam-CC	78	103	41	175	636	659	372	203	287	200	302	288	233	282	196	274	423	351	372	254	434	486	888	1,684	1,636	2,035	1,287	1,704	1,494	1,695	1,731	1,302	1,897	1,664	1,069
Hines.CC.2	Steam-CC	107	138	95	112	451	392	297	196	233	287	181	126	269	136	289	309	365	389	409	248	388	382	607	877	972	991	939	929	1,011	1,312	1,078	1,110	1,365	1,028	1,418
Hines.CC.3	Steam-CC	148	166	140	291	334	306	383	388	432	433	254	238	405	401	393	619	539	625	725	558	843	667	675	865	794	1,076	926	1,026	837	1,213	1,027	980	1,292	1,313	1,345
Hines.CC.4	Steam-CC	16	30	41	37	34	27	53	38	54	39	75	86	88	64	73	55	82	92	64	93	74	77	97	178	103	121	94	133	123	135	129	181	193	98	254
INT.CITY.1	CT	6	5	4	2	10	8	18	29	40	30	46	39	38	37	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.10	CT	83	67	69	42	153	139	272	371	463	370	527	516	448	448	376	441	550	545	506	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.11	CT	102	93	118	47	227	180	436	800	1,026	772	1,289	801	943	926	841	999	1,465	1,452	1,318	1,865	1,606	1,743	1,644	1,810	287	0	0	0	0	0	0	0	0	0	0
INT.CITY.12	CT	165	191	157	139	322	286	375	679	897	672	796	840	760	789	752	734	856	831	678	836	607	770	908	1,020	675	179	0	0	0	0	0	0	0	0	0
INT.CITY.13	CT	209	220	200	157	341	237	411	671	861	685	804	833	867	784	725	792	869	817	702	871	638	824	975	1,144	958	101	0	0	0	0	0	0	0	0	0
INT.CITY.14	CT	146	150	111	101	303	264	316	594	793	647	724	722	741	698	698	629	750	772	550	708	517	656	685	677	584	58	0	0	0	0	0	0	0	0	0
INT.CITY.2	CT	1	1	1	1	2	1	1	11	22	14	23	25	22	15	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.3	CT	4	5	2	2	5	7	10	20	44	36	50	36	38	40	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.4	CT	5	5	5	2	8	9	15	28	49	37	45	45	42	29	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.5	CT	2	2	1	0	4	4	2	9	26	22	31	28	25	26	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.6	CT	6	4	5	2	15	12	23	42	53	45	68	51	51	54	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.7	CT	86	47	48	24	131	102	184	309	398	322	505	449	426	372	346	323	430	499	86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.8	CT	95	94	83	50	207	143	227	439	531	457	534	554	544	491	501	514	557	572	113	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.9	CT	91	73	76	47	176	123	235	415	521	415	510	544	476	466	445	479	562	579	87	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INTER	DSM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lake.County	Renewable	0	0	0	0	0	0	0	0	0	0	0

CONFIDENTIAL

Total Cost ($000)

\\s00233\grpdata\PEF Resource Planning\2020\2020-03 Clean Energy Connection\Prosym\0505202O\CEC_750MW_HF.mdb

Station	Unit Type	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054
AVON_PK_P.1	CT	540	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AVON_PK_P.2	CT	149	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bartow CC.1.0	Steam-CC	137,899	138,927	149,160	152,783	149,839	196,937	224,494	267,113	287,776	338,349	374,786	423,466	433,322	448,373	449,531	447,879	469,932	489,241	566,794	569,058	652,251	688,608	669,415	632,359	653,753	717,736	770,617	796,982	793,567	871,854	909,288	957,755	961,596	1,003,228	1,073,851
Bartow CC.1.PAG	Steam-CC	397	566	205	205	417	456	443	1,001	1,338	1,326	1,955	2,059	1,832	1,974	1,328	1,709	1,854	2,080	2,328	2,460	2,536	2,971	3,346	3,489	3,791	3,801	4,330	3,970	4,207	4,292	4,909	5,299	5,480	5,387	6,988
BARTOW_P.1	CT	45	89	45	18	145	147	238	33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BARTOW_P.2	CT	94	98	100	17	304	174	436	962	1,337	1,239	1,768	1,287	1,557	1,384	184	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BARTOW_P.3	CT	80	96	72	18	134	87	273	43	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BARTOW_P.4	CT	127	135	83	57	314	307	521	918	1,415	1,201	1,774	1,403	1,559	1,623	209	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Battery Cape San Blas	Storage	48	146	176	237	240	244	249	253	257	261	266	270	240	174	205	266	270	275	280	285	290	295	300	305	310	215	0	0	0	0	0	0	0	0	0
Battery Jennings	Storage	79	241	247	242	230	231	232	234	236	237	239	241	236	225	236	255	260	265	270	275	280	285	290	295	301	208	0	0	0	0	0	0	0	0	0
Battery Micanopy	Storage	79	241	247	242	230	231	232	234	236	237	239	241	236	225	236	255	260	265	270	275	280	285	290	295	301	208	0	0	0	0	0	0	0	0	0
Battery Trenton	Storage	79	241	247	242	230	231	232	234	236	237	239	241	236	225	236	255	260	265	270	275	280	285	290	295	301	208	0	0	0	0	0	0	0	0	0
BAYBORO_P.1	CT	401	367	293	81	672	607	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BAYBORO_P.2	CT	11	71	22	6	23	24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BAYBORO_P.3	CT	254	347	224	81	596	542	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BAYBORO_P.4	CT	331	261	179	60	582	363	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus.CC.1	Steam-CC	100,640	105,523	115,767	134,938	173,337	181,352	213,447	241,071	258,422	296,527	317,632	333,736	367,362	372,723	397,296	382,271	405,006	437,589	485,679	488,476	570,960	587,403	574,576	586,574	616,881	639,849	716,131	751,299	759,048	808,800	849,315	859,094	930,785	964,113	1,020,743
Citrus.CC.1.Duct	Steam-CC	5,389	5,804	5,832	6,588	5,501	6,183	6,899	8,512	10,603	11,473	12,041	14,576	14,973	15,826	15,216	16,036	18,699	20,389	21,927	23,131	27,724	26,934	24,238	27,535	29,465	29,086	35,011	36,091	37,192	38,009	42,760	42,420	45,734	48,780	52,554
Citrus.CC.2	Steam-CC	109,721	108,711	102,170	133,517	150,716	177,902	207,098	232,749	251,561	294,216	316,702	333,501	365,944	372,340	403,145	407,214	433,159	465,051	517,690	507,820	601,746	627,311	635,921	635,421	659,078	676,711	725,887	749,363	763,340	818,650	855,171	864,560	934,763	972,213	1,019,345
Citrus.CC.2.Duct	Steam-CC	5,380	5,498	5,919	6,346	4,588	5,764	6,523	8,179	9,831	10,809	11,155	13,324	13,866	15,194	13,381	14,082	15,392	17,927	19,331	19,487	21,563	22,031	17,332	19,211	20,566	20,843	25,179	24,417	24,792	26,611	28,855	29,809	31,310	33,865	36,999
Crystal.4	Steam-Coal	47,303	54,254	49,404	64,795	136,109	121,168	118,863	130,091	133,055	155,286	157,265	182,560	163,380	192,767	59,923	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Crystal.5	Steam-Coal	48,229	48,161	71,877	101,461	86,830	118,952	140,764	125,523	156,889	161,219	189,017	181,186	198,195	178,493	75,587	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dade.County	Renewable	1,788	1,830	1,867	2,908	2,581	3,358	3,987	4,770	5,668	6,398	7,035	7,807	8,473	8,476	9,478	9,944	11,130	12,596	13,749	14,766	16,222	17,540	18,386	19,445	20,591	21,696	23,166	24,434	25,716	26,885	28,012	29,426	30,610	31,600	32,890
DEBARY.10	CT	327	366	292	116	493	404	996	1,976	3,316	2,670	3,864	2,516	3,558	2,950	2,781	3,232	514	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.2	CT	92	110	71	72	168	136	284	55	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.3	CT	129	199	114	64	235	192	516	74	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.4	CT	110	148	77	43	156	196	424	43	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.5	CT	99	137	94	61	205	173	342	61	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.6	CT	106	167	111	44	279	214	534	55	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.7	CT	418	263	339	196	805	613	1,313	2,585	3,880	3,265	4,619	3,814	4,434	3,783	3,658	3,817	563	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.8	CT	235	227	165	111	639	597	1,045	2,001	3,008	2,506	3,630	3,216	3,690	3,019	2,675	2,831	537	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.9	CT	431	383	318	181	1,059	973	1,496	2,947	4,223	3,370	4,881	4,231	4,686	4,169	3,951	4,313	705	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EconPurch	TranEcon-Purc	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EconSale	TranEcon-Sale	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.1	CT	0	0	0	0	0	0	14,297	21,957	22,264	30,311	35,404	39,352	44,411	47,877	53,245	60,365	69,951	73,552	92,470	92,287	104,517	88,092	83,400	92,051	100,087	109,089	115,881	125,843	124,151	134,385	143,829	143,371	151,485	166,461
Gen.190MW.CT.10	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15,357	22,552	24,159	29,582	24,646	24,569	28,961	31,929	37,521	39,190	40,426	42,387	45,765	47,425	52,120	53,206	62,352
Gen.190MW.CT.11	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16,616	24,475	19,971	20,103	26,678	27,361	32,285	34,258	34,546	36,678	39,974	42,520	44,824	45,742	54,702
Gen.190MW.CT.12	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17,589	24,451	28,375	28,757	28,758	30,534	33,440	36,314	37,366	39,833	47,074
Gen.190MW.CT.13	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14,320	19,613	22,830	24,278	25,054	25,959	29,492	31,526	33,117	33,930	40,922
Gen.190MW.CT.14	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13,911	17,993	19,617	20,752	21,646	24,206	27,486	28,057	27,674	34,559
Gen.190MW.CT.15	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12,700	15,692	17,380	17,939	19,511	22,984	21,997	23,046	23,501	29,501
Gen.190MW.CT.16	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.17	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.18	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.19	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.2	CT	0	0	0	0	0	0	0	0	0	15,073	25,101	29,078	33,311	37,825	41,258	45,834	54,406	63,152	67,421	80,756	80,199	92,911	77,647	73,768	83,943	90,093	98,693	103,290	108,213	112,959	122,083	130,407	130,837	135,275	148,040
Gen.190MW.CT.20	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.21	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.3	CT	0	0	0	0	0	0	0	0	0	0	0	18,917	27,666	32,479	35,903	40,488	46,521	54,542	57,365	71,773	69,043	83,689	68,822	63,865	73,285	79,623	85,219	89,321	100,787	98,779	106,126	116,560	116,210	123,602	134,406
Gen.190MW.CT.4	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	21,617	29,833	34,049	39,558	46,824	50,581	62,684	61,141	73,084	58,251	57,428	66,285	70,174	77,868	81,434	88,057	87,366	96,150	102,994	102,019	106,858	118,570
Gen.190MW.CT.5	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	21,959	29,051	34,706	40,511	44,410	55,454	53,496	65,161	51,327	50,476	57,722	64,266	69,778	73,844	77,792	74,488	85,342	93,100	92,207	101,144	106,866
Gen.190MW.CT.6	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18,039	24,133	28,898	33,606	39,241	46,333	45,258	54,354	46,444	43,673	50,550	57,057	61,184	65,492	69,656	72,184	74,588	82,445	82,412	87,601	97,281
Gen.190MW.CT.7	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15,489	20,574	24,355	29,991	33,251	40,632	39,706	47,777	39,636	40,060	43,730	51,290	54,488	58,303	61,841	63,052	66,456	70,466	70,609	79,253	89,127
Gen.190MW.CT.8	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17,464	24,532	28,294	33,387	34,290	42,067	33,908	33,787	38,829	44,017	47,826	50,138	54,256	53,704	58,074	62,369	65,331	70,543	75,404
Gen.190MW.CT.9	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	19,161	27,723	28,505	34,492	28,796	29,060	35,067	37,831	43,012	45,082	47,773	48,613	52,425	57,577	58,705	60,655	69,365
Gen.2x1.CC.1.1	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	316,001	594,080	634,254	695,660	751,050	788,593	848,271	900,460	942,077	956,962	1,000,856	1,051,985	1,112,278	1,161,680	1,226,271	1,258,610	1,319,324	1,371,158	1,433,110	1,491,962	1,550,382
Gen.2x1.CC.1.1.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	32,208	43,018	46,886	56,156	57,283	69,155	73,641	81,308	85,914	109,308	114,698	122,454	137,111	143,449	161,449	155,438	165,980	173,672	181,234	191,987	193,905
Gen.2x1.CC.1.2	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	966,670	997,502	1,037,302	1,098,853	1,160,541	1,208,661	1,273,260	1,313,216	1,368,493	1,426,059	1,483,005	1,535,284	1,588,941
Gen.2x1.CC.1.2.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	64,011	89,062	96,784	103,364	110,235	116,405	131,405	126,241	140,026	151,906	153,089	156,564	164,180
Gen.2x1.CC.1.3	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.3.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.4	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.4.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.5	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.5.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.6	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.6.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.7	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.7.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HEAT	DSM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hines.CC.1	Steam-CC	49,646	58,552	65,715	57,153	55,759	63,170	76,551	102,436	118,488	129,756	146,906	156,612	181,445	187,041	156,883	169,140	187,745	217,617	231,447	267,978	285,564	286,979	279,251	250,812	237,149	280,852	289,155	317,056	343,547	336,835	362,601	344,625	394,992	414,399	393,695
Hines.CC.2	Steam-CC	45,408	51,061	57,009	55,644	51,470	56,647	76,750	97,037	113,522	124,011	129,137	166,851	177,227	183,008	170,725	160,072	178,247	202,652	215,669	242,083	232,977	278,790	230,786	235,871	244,587	254,469	286,489	290,246	313,464	318,137	308,248	366,852	363,929	377,315	391,218
Hines.CC.3	Steam-CC	51,603	54,901	57,906	59,204	58,264	67,916	80,490	102,256	123,868	136,403	159,803	166,662	185,654	197,563	190,759	186,944	195,837	225,348	241,339	268,952	280,156	286,505	271,616	255,483	264,657	309,869	323,337	333,436	365,370	372,098	388,184	375,150	426,798	442,324	468,645
Hines.CC.4	Steam-CC	70,566	61,622	76,114	74,524	70,216	101,793	110,924	129,183	164,560	178,791	176,549	199,030	229,262	235,842	217,635	215,478	243,363	277,001	297,006	312,534	329,291	369,413	319,150	300,412	342,164	350,396	346,011	360,721	408,112	414,861	393,009	423,327	477,367	497,655	480,900
INT.CITY.1	CT	167	235	161	57	351	287	647	1,201	2,027	1,652	2,399	1,868	2,105	1,756	161	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.10	CT	297	267	267	148	666	611	1,008	1,973	2,386	2,386	3,746	3,035	3,146	3,035	2,609	3,172	3,875	4,387	886	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.11	CT	692	717	588	249	1,110	1,046	2,195	4,246	6,285	5,138	7,763	5,043	6,329	5,721	4,992	6,194	8,570	9,304	8,509	11,829	9,568	11,284	9,331	11,524	1,865	0	0	0	0	0	0	0	0	0	0
INT.CITY.12	CT	721	746	628	540	1,621	1,441	2,134	4,582	6,524	5,192	7,350	6,530	6,706	6,766	5,966	6,114	6,830	7,272	5,857	7,373	5,540	7,497	7,582	8,419	5,774	1,350	0	0	0	0	0	0	0	0	0
INT.CITY.13	CT	883	868	809	607	1,801	1,316	2,459	4,854	6,676	5,609	7,559	6,689	7,537	6,991	6,063	6,711	7,172	8,007	6,257	8,060	5,851	7,992	8,279	9,436	8,272	794	0	0	0	0	0	0	0	0	0
INT.CITY.14	CT	628	634	553	441	1,341	1,357	1,852	4,137	6,958	4,929	6,900	5,914	6,517	6,066	5,554	5,459	5,916	7,206	5,057	6,442	4,798	6,289	5,969	6,240	5,400	480	0	0	0	0	0	0	0	0	0
INT.CITY.2	CT	43	103	64	22	103	70	167	482	1,298	993	1,395	1,096	1,372	1,037	58	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.3	CT	145	238	117	64	192	233	381	797	2,064	1,738	2,492	1,438	2,124	1,901	183	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.4	CT	225	278	174	85	284	352	585	1,087	2,335	2,012	2,931	2,162	2,467	2,193	137	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.5	CT	58	125	70	28	146	116	199	406	1,433	1,193	1,671	1,193	1,364	1,198	81	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.6	CT	314	315	205	90	557	459	961	1,737	2,891	2,443	3,554	2,480	2,994	2,667	225	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.7	CT	263	172	178	96	543	481	841	1,678	2,447	2,137	3,485	2,748	3,061	2,526	2,193	2,248	3,042	3,798	719	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.8	CT	341	351

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Station	Unit Type	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054
AC	DSM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anclote.1	Steam-Gas	548	664	756	682	752	715	921	1,001	1,064	1,127	1,093	1,241	1,339	1,306	1,209	1,314	1,318	1,438	1,325	1,537	1,375	1,599	534	0	0	0	0	0	0	0	0	0	0	0	0
Anclote.2	Steam-Gas	609	732	677	739	649	884	778	877	1,207	1,060	1,260	1,125	1,275	1,153	1,188	1,146	1,165	1,207	1,319	1,316	1,336	1,417	1,409	548	0	0	0	0	0	0	0	0	0	0	0
As.Avail	Cogen	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
As.Avail.PCS	Renewable	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AVON.PK_P.1	CT	78	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AVON.PK_P.2	CT	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bartow CC.1.0	Steam-CC	14,664	14,800	14,751	13,526	11,496	13,487	13,808	14,930	14,585	16,036	16,967	18,109	17,830	18,521	17,797	17,129	17,390	16,856	18,498	18,217	19,837	20,221	19,012	17,356	17,675	18,783	19,554	19,814	19,333	21,035	21,717	22,689	22,561	23,356	24,817
Bartow CC.1.PAG	Steam-CC	35	51	16	14	25	24	21	43	52	49	68	69	58	64	42	53	56	68	62	64	63	71	78	79	85	83	91	82	85	85	85	97	103	106	113	133
BARTOW_P.1	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BARTOW_P.2	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BARTOW_P.3	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BARTOW_P.4	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Battery Cape San Blas	Storage	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Battery Jennings	Storage	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Battery Micanopy	Storage	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Battery Trenton	Storage	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BAYBORO_P.1	CT	14	13	10	3	24	21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BAYBORO_P.2	CT	0	2	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BAYBORO_P.3	CT	9	10	6	2	20	19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BAYBORO_P.4	CT	12	9	6	2	21	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus.CC.1	Steam-CC	6,940	7,305	7,380	7,743	8,624	7,921	8,359	8,550	8,277	8,844	9,048	8,980	9,527	9,704	9,867	9,160	9,402	9,434	9,919	9,765	10,854	10,762	10,146	10,049	10,431	10,457	11,361	11,673	11,548	12,166	12,652	12,672	13,621	13,996	14,714
Citrus.CC.1.Duct	Steam-CC	341	371	336	340	244	243	240	268	299	307	301	345	345	365	331	337	378	383	392	404	455	427	369	406	428	411	475	481	485	493	546	537	574	608	649
Citrus.CC.2	Steam-CC	7,560	7,502	6,528	7,617	7,478	7,761	8,095	8,238	8,044	8,772	9,018	8,972	9,489	9,695	10,012	9,789	10,091	10,060	10,605	10,170	11,473	11,528	11,277	10,940	11,191	11,100	11,529	11,642	11,614	12,329	12,748	12,758	13,685	14,128	14,702
Citrus.CC.2.Duct	Steam-CC	344	354	347	327	205	227	229	258	280	291	280	318	322	352	295	299	317	341	349	345	361	354	267	287	303	297	346	330	327	350	373	382	399	429	463
Crystal.4	Steam-Coal	2,258	2,608	2,364	3,115	6,629	4,642	3,923	3,752	3,455	3,720	3,540	3,682	3,114	3,484	1,013	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Crystal.5	Steam-Coal	2,351	2,351	3,546	4,977	4,761	4,637	4,719	3,685	4,129	3,928	4,300	3,713	3,816	3,270	1,298	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dade.County	Renewable	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.10	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.2	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.3	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.4	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.5	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.6	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.7	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.8	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.9	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EconPurch	TranEcon-Purc	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EconSale	TranEcon-Sale	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.1	CT	0	0	0	0	0	0	186	272	263	347	394	432	502	479	505	559	607	608	758	709	788	583	523	578	610	651	680	716	711	763	812	809	853	940	
Gen.190MW.CT.10	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	102	151	157	191	136	130	155	169	194	200	200	213	227	236	261	282	313
Gen.190MW.CT.11	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	152	168	104	98	107	157	171	167	178	193	212	226	219	270		
Gen.190MW.CT.12	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	93	124	142	140	135	146	158	177	178	186	228	
Gen.190MW.CT.13	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74	97	109	115	117	122	137	154	155	157	195	
Gen.190MW.CT.14	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	69	83	99	95	98	108	130	127	125	162		
Gen.190MW.CT.15	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	60	70	77	79	85	107	99	101	137		
Gen.190MW.CT.16	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.17	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.18	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.19	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.2	CT	0	0	0	0	0	0	0	0	176	282	318	361	426	407	427	501	543	558	652	613	699	511	458	522	544	585	598	609	639	688	734	732	751	831	
Gen.190MW.CT.20	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.21	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.3	CT	0	0	0	0	0	0	0	0	200	296	360	346	372	420	459	467	573	523	623	446	391	449	475	495	509	562	555	591	651	646	681	750			
Gen.190MW.CT.4	CT	0	0	0	0	0	0	0	0	0	0	238	281	305	351	390	406	494	460	538	368	345	403	414	450	463	484	485	529	569	561	580	653			
Gen.190MW.CT.5	CT	0	0	0	0	0	0	0	0	0	0	200	253	302	330	352	430	396	474	522	298	345	376	397	414	424	404	464	508	500	544	586				
Gen.190MW.CT.6	CT	0	0	0	0	0	0	0	0	0	0	159	205	244	267	306	352	330	390	288	254	298	328	345	361	374	392	400	445	443	465	525				
Gen.190MW.CT.7	CT	0	0	0	0	0	0	0	0	0	0	129	166	194	228	246	299	282	332	236	224	248	285	298	313	324	334	347	367	366	409	467				
Gen.190MW.CT.8	CT	0	0	0	0	0	0	0	0	0	0	0	136	182	204	239	237	286	199	185	219	241	256	265	279	279	298	322	336	357	386					
Gen.190MW.CT.9	CT	0	0	0	0	0	0	0	0	0	0	0	0	134	193	192	227	163	156	193	204	228	235	243	249	266	294	299	304	350						
Gen.2x1.CC.1.1	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	8,395	14,567	15,075	15,383	15,737	16,169	16,569	16,964	17,158	16,917	17,456	17,729	18,184	18,601	19,241	19,525	20,281	20,875	21,630	22,350	23,059			
Gen.2x1.CC.1.1.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	721	932	987	1,099	1,065	1,264	1,278	1,364	1,557	1,733	1,792	1,852	2,013	2,064	2,271	2,173	2,299	2,382	2,466	2,590	2,597			
Gen.2x1.CC.1.2	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.2.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,039	1,407	1,509	1,558	1,614	1,670	1,842	1,764	1,936	2,079	2,080	2,110	2,196			
Gen.2x1.CC.1.3	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.3.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.4	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.4.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.5	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.5.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.6	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.6.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.7	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.7.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HEAT	DSM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hines.CC.1	Steam-CC	6,678	7,901	8,282	6,305	5,347	5,362	5,907	7,283	7,644	7,851	8,512	8,581	9,608	9,955	7,923	8,217	8,885	9,622	9,690	11,117	11,254	10,899	10,196	8,721	8,135	9,320	9,357	10,056	10,699	10,322	11,047	10,386	11,814	12,307	11,647
Hines.CC.2	Steam-CC	5,584	6,341	6,560	5,669	4,561	4,452	5,451	6,303	6,700	6,843	6,828	8,385	8,581	8,898	7,919	7,142	7,722	8,174	8,239	9,108	9,310	9,624	7,625	7,536	7,713	7,764	8,491	8,433	8,911	8,949	8,606	10,154	9,957	10,272	10,548
Hines.CC.3	Steam-CC	6,739	7,186	7,049	6,335	5,428	5,629	5,990	6,972	7,687	7,928	8,887	8,882	9,435	10,070	9,279	8,774	8,934	9,567	9,709	10,635	10,518	10,004	9,415	8,582	8,642	9,969	10,121	10,839	10,975	11,080	11,458	10,991	12,373	12,727	13,362
Hines.CC.4	Steam-CC	5,520	4,771	5,515	4,758	3,899	5,062	4,945	5,227	6,035	6,117	5,761	6,140	6,816	7,042	6,203	5,933	6,492	6,876	6,981	7,201	7,214	7,808	6,508	5,916	6,652	6,588	6,301	6,438	7,142	7,164	6,718	7,181	8,024	8,299	7,945
INT.CITY.1	CT	5	7	5	2	11	9	20	35	58	46	66	50	57	47	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.10	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.11	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.12	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.13	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.14	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.2	CT	1	3	2	1	3	2	5	14	37	28	38	29	37	28	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.3	CT	4	8	4	2	6	7	12	24	60	49	70	40	59	52	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.4	CT	7	9	6	3	11	11	18	33	68	82	60	68	60	48	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.5	CT	2	4	2	1	5	4	6	12	42	34	47	33	38	33	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.6	CT	10	10	7	3	18	15	30	52	84	69	99	68	82	72	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.7	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.8	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.9	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INTER	DSM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lake.County	Renewable	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

CONFIDENTIAL

VOM Rate ($/MWh)

\\s00233\grpdata\PEF Resource Planning\2020\2020-03 Clean Energy Connection\Prosym\050520\CEC_750MW_HF.mdb

Station	Unit Type	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054
AC	DSM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Anclote.1	Steam-Gas	1.84	1.89	1.94	1.99	2.04	2.09	2.14	2.19	2.25	2.30	2.36	2.42	2.48	2.54	2.61	2.67	2.74	2.81	2.88	2.95	3.02	3.10	3.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Anclote.2	Steam-Gas	1.84	1.89	1.94	1.99	2.04	2.09	2.14	2.19	2.25	2.30	2.36	2.42	2.48	2.54	2.61	2.67	2.74	2.81	2.88	2.95	3.02	3.10	3.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
As.Avail	Cogen	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
As.Avail.PCS	Renewable	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVON.PK_P.1	CT	15.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVON.PK_P.2	CT	15.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Bartow CC.1.0	Steam-CC	2.07	2.12	2.18	2.23	2.29	2.34	2.40	2.46	2.52	2.59	2.65	2.72	2.79	2.86	2.93	3.00	3.08	3.15	3.23	3.31	3.40	3.48	3.57	3.66	3.75	3.84	3.94	4.04	4.14	4.24	4.35	4.45	4.57	4.68	4.80
Bartow CC.1.PAG	Steam-CC	2.07	2.12	2.18	2.23	2.29	2.34	2.40	2.46	2.52	2.59	2.65	2.72	2.79	2.86	2.93	3.00	3.08	3.15	3.23	3.31	3.40	3.48	3.57	3.66	3.75	3.84	3.94	4.04	4.14	4.24	4.35	4.45	4.57	4.68	4.80
BARTOW_P.1	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BARTOW_P.2	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BARTOW_P.3	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BARTOW_P.4	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Battery Cape San Blas	Storage	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Battery Jennings	Storage	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Battery Micanopy	Storage	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Battery Trenton	Storage	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BAYBORO_P.1	CT	7.32	7.50	7.69	7.89	8.08	8.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BAYBORO_P.2	CT	8.50	7.90	8.00	9.00	8.44	8.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BAYBORO_P.3	CT	7.47	7.60	7.84	8.06	8.25	8.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BAYBORO_P.4	CT	7.52	7.70	7.90	8.11	8.31	8.51	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Citrus.CC.1	Steam-CC	1.18	1.21	1.24	1.27	1.30	1.33	1.36	1.40	1.43	1.47	1.51	1.54	1.58	1.62	1.66	1.70	1.75	1.79	1.84	1.88	1.93	1.98	2.03	2.08	2.13	2.18	2.24	2.29	2.35	2.41	2.47	2.53	2.59	2.66	2.72
Citrus.CC.1.Duct	Steam-CC	1.18	1.21	1.24	1.27	1.30	1.33	1.36	1.40	1.43	1.47	1.51	1.54	1.58	1.62	1.66	1.70	1.75	1.79	1.84	1.88	1.93	1.98	2.03	2.08	2.13	2.18	2.24	2.29	2.35	2.41	2.47	2.53	2.59	2.66	2.72
Citrus.CC.2	Steam-CC	1.18	1.21	1.24	1.27	1.30	1.33	1.36	1.40	1.43	1.47	1.51	1.54	1.58	1.62	1.66	1.70	1.75	1.79	1.84	1.88	1.93	1.98	2.03	2.08	2.13	2.18	2.24	2.29	2.35	2.41	2.47	2.53	2.59	2.66	2.72
Citrus.CC.2.Duct	Steam-CC	1.18	1.21	1.24	1.27	1.30	1.33	1.36	1.40	1.43	1.47	1.51	1.54	1.58	1.62	1.66	1.70	1.75	1.79	1.84	1.88	1.93	1.98	2.03	2.08	2.13	2.18	2.24	2.29	2.35	2.41	2.47	2.53	2.59	2.66	2.72
Crystal.4	Steam-Coal	1.25	1.28	1.31	1.35	1.38	1.41	1.45	1.49	1.52	1.56	1.60	1.64	1.68	1.72	1.77	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Crystal.5	Steam-Coal	1.25	1.28	1.31	1.35	1.38	1.41	1.45	1.49	1.52	1.56	1.60	1.64	1.68	1.72	1.77	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Dade.County	Renewable	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.10	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.2	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.3	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.4	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.5	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.6	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.7	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.8	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.9	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EconPurch	TranEcon-Purc	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EconSale	TranEcon-Sale	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.1	CT	0.00	0.00	0.00	0.00	0.00	0.00	1.10	1.12	1.15	1.18	1.21	1.24	1.27	1.30	1.34	1.37	1.40	1.44	1.47	1.51	1.55	1.59	1.63	1.67	1.71	1.75	1.80	1.84	1.89	1.94	1.98	2.03	2.08	2.14
Gen.190MW.CT.10	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.44	1.47	1.51	1.55	1.59	1.63	1.67	1.71	1.75	1.80	1.84	1.89	1.94	1.98	2.03	2.08	2.14
Gen.190MW.CT.11	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.12	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.13	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.14	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.15	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.16	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.17	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.18	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.19	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.2	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.15	1.18	1.21	1.24	1.27	1.30	1.34	1.37	1.40	1.44	1.47	1.51	1.55	1.59	1.63	1.67	1.71	1.75	1.80	1.84	1.89	1.93	1.98	2.03	2.08	2.14
Gen.190MW.CT.20	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.21	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.3	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.21	1.24	1.27	1.30	1.34	1.37	1.40	1.44	1.47	1.51	1.55	1.59	1.63	1.67	1.71	1.75	1.80	1.84	1.89	1.94	1.98	2.03	2.08	2.14
Gen.190MW.CT.4	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.27	1.30	1.34	1.37	1.40	1.44	1.47	1.51	1.55	1.59	1.63	1.67	1.71	1.75	1.80	1.84	1.89	1.93	1.98	2.03	2.08	2.14
Gen.190MW.CT.5	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.30	1.34	1.37	1.40	1.44	1.47	1.51	1.55	1.59	1.63	1.67	1.71	1.75	1.80	1.84	1.89	1.94	1.98	2.03	2.08	2.14
Gen.190MW.CT.6	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.30	1.34	1.37	1.40	1.44	1.47	1.51	1.55	1.59	1.63	1.67	1.71	1.75	1.80	1.84	1.89	1.94	1.98	2.03	2.08	2.14
Gen.190MW.CT.7	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.30	1.34	1.37	1.40	1.44	1.47	1.51	1.55	1.59	1.63	1.67	1.71	1.75	1.80	1.84	1.89	1.94	1.98	2.03	2.08	2.14
Gen.190MW.CT.8	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.37	1.40	1.44	1.47	1.51	1.55	1.59	1.63	1.67	1.71	1.75	1.80	1.84	1.89	1.93	1.98	2.03	2.08	2.14
Gen.190MW.CT.9	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.44	1.47	1.51	1.55	1.59	1.63	1.67	1.71	1.75	1.80	1.84	1.89	1.94	1.98	2.03	2.08	2.14
Gen.2x1.CC.1.1	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.69	1.74	1.78	1.82	1.87	1.92	1.97	2.01	2.06	2.12	2.17	2.22	2.28	2.34	2.39	2.45	2.52	2.58	2.64	2.71	2.78
Gen.2x1.CC.1.1.Duct	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.03	2.08	2.13	2.18	2.24	2.29	2.35	2.41	2.47	2.53	2.60	2.66	2.73	2.80	2.86	2.94	3.01	3.09	3.16	3.24	3.32	
Gen.2x1.CC.1.2	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.12	2.17	2.22	2.28	2.34	2.39	2.45	2.52	2.58	2.64	2.71	2.78
Gen.2x1.CC.1.2.Duct	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.47	2.53	2.60	2.66	2.73	2.80	2.86	2.94	3.01	3.09	3.16	3.24	3.32
Gen.2x1.CC.1.3	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.2x1.CC.1.3.Duct	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.2x1.CC.4	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.2x1.CC.4.Duct	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.2x1.CC.1.5	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

CONFIDENTIAL

Dispatch Price ($/MWh)

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Station	Unit Type	2020	2021	2022	2023	2024
AC	DSM	0.00	0.00	0.00	0.00	0.00
Anclote.1	Steam-Gas	33.25	33.93	35.33	36.69	37.23
Anclote.2	Steam-Gas	36.60	36.51	38.59	39.88	41.49
As.Avail	Cogen	20.47	20.63	21.06	21.49	22.22
As.Avail.PCS	Renewable	20.50	20.83	21.16	21.49	22.31
AVON.PK_P.1	CT	105.59	0.00	0.00	0.00	0.00
AVON.PK_P.2	CT	553.04	0.00	0.00	0.00	0.00
Bartow CC.1.0	Steam-CC	19.49	19.75	20.36	20.96	21.95
Bartow CC.1.PAG	Steam-CC	23.76	23.42	24.86	25.53	27.16
BARTOW_P.1	CT	280.31	262.18	281.00	298.33	296.48
BARTOW_P.2	CT	49.73	46.91	53.47	52.11	56.11
BARTOW_P.3	CT	287.39	246.03	277.81	297.33	292.29
BARTOW_P.4	CT	45.27	43.46	51.85	47.74	52.43
Battery Cape San Blas	Storage	0.00	0.00	0.00	0.00	0.00
Battery Jennings	Storage	0.00	0.00	0.00	0.00	0.00
Battery Micanopy	Storage	0.00	0.00	0.00	0.00	0.00
Battery Trenton	Storage	0.00	0.00	0.00	0.00	0.00
BAYBORO_P.1	CT	215.85	215.65	221.91	224.36	228.43
BAYBORO_P.2	CT	281.50	227.55	246.00	297.00	259.78
BAYBORO_P.3	CT	217.38	215.52	220.02	225.42	229.50
BAYBORO_P.4	CT	216.31	213.70	220.32	224.04	228.85
Citrus.CC.1	Steam-CC	17.07	17.24	17.72	18.12	18.87
Citrus.CC.1.Duct	Steam-CC	18.57	18.65	19.29	19.64	20.59
Citrus.CC.2	Steam-CC	17.08	17.29	17.65	18.19	18.97
Citrus.CC.2.Duct	Steam-CC	18.43	18.51	18.97	19.55	20.43
Crystal.4	Steam-Coal	26.20	26.68	28.23	30.47	31.94
Crystal.5	Steam-Coal	25.65	26.31	27.71	30.30	31.52
Dade.County	Renewable	20.34	20.73	21.12	21.79	22.29
DEBARY.10	CT	227.35	223.02	235.84	241.35	243.42
DEBARY.2	CT	271.32	262.36	271.27	298.21	282.75
DEBARY.3	CT	279.85	254.71	272.00	288.73	289.54
DEBARY.4	CT	275.73	246.85	275.04	308.07	290.27
DEBARY.5	CT	276.08	245.21	276.18	307.40	288.23
DEBARY.6	CT	277.84	253.67	276.55	312.93	287.12
DEBARY.7	CT	46.38	42.03	50.03	50.36	52.94
DEBARY.8	CT	45.73	42.41	45.30	47.73	52.40
DEBARY.9	CT	45.25	44.47	47.46	52.01	51.59
EconPurch	TranEcon-Purc	0.00	0.00	0.00	0.00	0.00
EconSale	TranEcon-Sale	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.1	CT	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.10	CT	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.11	CT	0.00	0.00	0.00	0.00	0.00

Gen.190MW.CT.12	CT	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.13	CT	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.14	CT	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.15	CT	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.16	CT	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.17	CT	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.18	CT	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.19	CT	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.2	CT	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.20	CT	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.21	CT	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.3	CT	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.4	CT	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.5	CT	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.6	CT	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.7	CT	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.8	CT	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.9	CT	0.00	0.00	0.00	0.00	0.00
Gen.2x1.CC.J.1	Steam-CC	0.00	0.00	0.00	0.00	0.00
Gen.2x1.CC.J.1.Duct	Steam-CC	0.00	0.00	0.00	0.00	0.00
Gen.2x1.CC.J.2	Steam-CC	0.00	0.00	0.00	0.00	0.00
Gen.2x1.CC.J.2.Duct	Steam-CC	0.00	0.00	0.00	0.00	0.00
Gen.2x1.CC.J.3	Steam-CC	0.00	0.00	0.00	0.00	0.00
Gen.2x1.CC.J.3.Duct	Steam-CC	0.00	0.00	0.00	0.00	0.00
Gen.2x1.CC.J.4	Steam-CC	0.00	0.00	0.00	0.00	0.00
Gen.2x1.CC.J.4.Duct	Steam-CC	0.00	0.00	0.00	0.00	0.00
Gen.2x1.CC.J.5	Steam-CC	0.00	0.00	0.00	0.00	0.00
Gen.2x1.CC.J.5.Duct	Steam-CC	0.00	0.00	0.00	0.00	0.00
Gen.2x1.CC.J.6	Steam-CC	0.00	0.00	0.00	0.00	0.00
Gen.2x1.CC.J.6.Duct	Steam-CC	0.00	0.00	0.00	0.00	0.00
Gen.2x1.CC.J.7	Steam-CC	0.00	0.00	0.00	0.00	0.00
Gen.2x1.CC.J.7.Duct	Steam-CC	0.00	0.00	0.00	0.00	0.00
HEAT	DSM	0.00	0.00	0.00	0.00	0.00
Hines.CC.1	Steam-CC	20.77	21.02	21.51	22.36	23.25
Hines.CC.2	Steam-CC	21.00	21.13	21.74	22.49	23.49
Hines.CC.3	Steam-CC	20.13	20.42	21.00	21.76	22.73
Hines.CC.4	Steam-CC	18.75	19.23	19.60	20.37	21.10
INT.CITY.1	CT	231.35	223.95	233.97	239.29	239.22
INT.CITY.10	CT	45.48	43.13	51.70	52.17	52.50
INT.CITY.11	CT	225.99	217.22	244.99	244.11	253.75
INT.CITY.12	CT	39.62	41.87	44.20	48.08	45.49
INT.CITY.13	CT	40.04	41.72	44.39	47.10	45.00
INT.CITY.14	CT	39.87	41.05	43.66	48.75	46.02
INT.CITY.2	CT	240.83	229.36	237.44	246.33	246.85
INT.CITY.3	CT	230.30	224.44	230.35	235.74	238.03
INT.CITY.4	CT	227.51	223.87	231.83	236.30	237.42
INT.CITY.5	CT	239.83	223.05	234.90	236.08	244.92

INT.CITY.6	CT	222.76	221.62	228.33	230.79	235.22
INT.CITY.7	CT	48.50	44.60	48.95	49.75	51.63
INT.CITY.8	CT	45.59	44.82	50.94	55.22	53.86
INT.CITY.9	CT	45.06	44.02	52.17	53.48	53.41
INTER	DSM	0.00	0.00	0.00	0.00	0.00
Lake.County	Renewable	20.45	20.72	21.02	21.61	22.21
LEE.County.Res	Renewable	20.36	20.93	21.10	21.66	22.10
Mulberry	Cogen	33.23	33.50	33.91	33.91	33.91
NSG.Vand.CT.1	TranFirm-Purc	31.00	30.37	30.81	30.44	31.96
NSG.Vand.CT.2	TranFirm-Purc	31.21	30.89	31.31	30.80	32.59
NSG.Vand.CT.3	TranFirm-Purc	31.56	31.89	31.49	32.20	33.81
NSG.Vand.CT.4	TranFirm-Purc	32.10	33.16	32.80	32.58	34.30
Orange.Cogen	Cogen	40.78	41.12	41.62	41.62	42.13
Orlando.Cogen	Cogen	58.73	59.83	61.14	62.03	0.00
Osprey 1.0	Steam-CC	23.94	24.27	25.31	26.30	27.83
Osprey 1.1	Steam-CC	22.25	22.55	23.45	24.13	25.42
Osprey 1.2	Steam-CC	40.76	41.53	44.45	44.46	51.82
OspreyAcq	Steam-CC	0.00	0.00	0.00	0.00	21.97
OspreyAcqDF	Steam-CC	0.00	0.00	0.00	0.00	47.30
Pasco.County	Renewable	33.53	34.40	35.42	36.57	37.61
Pinellas.County	Renewable	33.53	34.40	35.42	36.57	37.61
PPA.SERC	TranFirm-Purc	22.99	27.85	0.00	0.00	0.00
Seasonal PPA_Summer.1	TranFirm-Purc	0.00	0.00	0.00	0.00	0.00
Shady.Hills.1	TranFirm-Purc	32.35	34.99	35.70	39.13	33.57
Shady.Hills.2	TranFirm-Purc	34.31	36.97	35.88	39.44	33.61
Shady.Hills.3	TranFirm-Purc	34.96	37.97	37.64	38.32	38.86
Solar.3rdParty.Block.1	Renewable	20.33	20.81	21.29	21.83	23.10
Solar.3rdParty.Block.2	Renewable	0.00	0.00	20.97	21.79	22.96
Solar.3rdParty.Block.3	Renewable	0.00	0.00	0.00	0.00	22.68
Solar.3rdParty.Block.4	Renewable	0.00	0.00	0.00	0.00	0.00
Solar.DEF.Archer	Renewable	0.00	0.00	0.00	0.00	0.00
Solar.DEF.Charlie.Creek	Renewable	0.00	0.00	0.00	0.00	0.00
Solar.DEF.Columbia	Renewable	0.00	0.00	0.00	0.00	0.00
Solar.DEF.Debary	Renewable	0.00	0.00	0.00	0.00	0.00
Solar.DEF.Duette	Renewable	0.00	0.00	0.00	0.00	0.00
Solar.DEF.Hamilton	Renewable	0.00	0.00	0.00	0.00	0.00
Solar.DEF.Lake.Placid	Renewable	0.00	0.00	0.00	0.00	0.00
Solar.DEF.NEW	Renewable	0.00	0.00	0.00	0.00	0.00
Solar.DEF.NEW.2	Renewable	0.00	0.00	0.00	0.00	0.00
Solar.DEF.NEW.3	Renewable	0.00	0.00	0.00	0.00	0.00
Solar.DEF.NEW.4	Renewable	0.00	0.00	0.00	0.00	0.00
Solar.DEF.NEW.5	Renewable	0.00	0.00	0.00	0.00	0.00
Solar.DEF.Osc.Perry.Suw	Renewable	0.00	0.00	0.00	0.00	0.00
Solar.DEF.Santa.Fe	Renewable	0.00	0.00	0.00	0.00	0.00
Solar.DEF.St.Pete.Pier	Renewable	0.00	0.00	0.00	0.00	0.00
Solar.DEF.Trenton	Renewable	0.00	0.00	0.00	0.00	0.00
Solar.DEF.Twin.Rivers	Renewable	0.00	0.00	0.00	0.00	0.00

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Standby	DSM	0.00	0.00	0.00	0.00	0.00
SUWANNEE_P.1	CT	46.35	46.71	48.33	50.50	51.47
SUWANNEE_P.2	CT	222.49	222.81	227.96	232.67	235.71
SUWANNEE_P.3	CT	46.37	47.02	48.57	50.35	51.79
Tigerbay.1	Steam-CC	21.01	21.10	21.87	22.58	23.56
U.OF.FL.1	CT	28.24	28.93	29.38	30.37	31.35
Voltage.Red	DSM	0.00	0.00	0.00	0.00	0.00
WaterHtr_PP	DSM	0.00	0.00	0.00	0.00	0.00

Group Totals

Station Group	**Group Type**	**2020**	**2021**	**2022**	**2023**	**2024**
Cogen	Total	47.52	48.26	49.09	49.53	38.85
CT	Total	40.33	41.33	38.63	36.14	49.02
DSM	Total	0.00	0.00	0.00	0.00	0.00
Renewable	Total	15.61	13.11	11.05	10.28	9.98
Steam-CC	Total	18.89	19.17	19.78	20.28	21.05
Steam-Coal	Total	25.92	26.51	27.93	30.38	31.76
Steam-Gas	Total	35.01	35.30	36.87	38.36	39.28
Storage	Total	0.00	0.00	0.00	0.00	0.00
TranEcon-Purc	Total	0.00	0.00	0.00	0.00	0.00
TranEcon-Sale	Total	0.00	0.00	0.00	0.00	0.00
TranFirm-Purc	Total	28.04	32.12	32.62	32.66	32.99

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_750MW_LF.mdb

2025	2026	2027	2028	2029	2030	2031	2032	2033	2034
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
42.86	47.82	54.01	59.61	66.78	70.58	75.42	79.31	82.19	91.60
46.01	51.52	58.08	63.63	70.85	75.23	80.18	84.85	88.00	100.56
27.83	32.85	39.06	44.66	51.43	57.05	63.49	66.50	69.75	70.28
29.47	36.38	44.65	52.94	60.36	68.38	74.27	80.68	84.96	88.24
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25.18	28.46	32.34	36.31	39.97	42.82	46.43	49.11	50.64	53.30
31.57	36.14	41.40	46.51	50.96	55.32	59.53	63.07	65.02	66.49
317.58	326.35	333.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00
64.86	70.53	79.41	86.90	93.64	100.87	110.22	112.93	117.92	121.07
316.41	315.72	361.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00
60.07	65.80	73.78	80.82	88.26	94.86	103.21	106.33	110.83	115.83
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
240.39	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
268.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
240.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
240.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21.81	24.70	28.32	32.00	35.42	38.00	41.19	43.54	44.95	47.58
24.21	27.71	32.00	36.45	40.02	43.69	47.22	49.59	51.42	54.50
21.83	24.73	28.36	32.04	35.47	38.07	41.27	43.60	45.01	47.59
24.02	27.50	32.06	36.30	39.71	43.58	47.03	49.31	51.03	53.82
41.01	47.85	54.68	61.86	68.41	74.86	87.49	94.60	102.17	110.06
40.08	47.23	53.79	60.89	67.49	74.04	85.52	93.06	101.27	109.74
29.78	36.25	44.50	52.68	60.39	67.08	74.14	80.43	85.49	87.97
255.61	269.91	285.37	296.76	311.58	324.54	340.05	347.09	362.08	380.32
309.86	328.29	350.58	0.00	0.00	0.00	0.00	0.00	0.00	0.00
301.13	311.32	349.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00
306.89	314.04	369.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00
309.95	308.79	350.58	0.00	0.00	0.00	0.00	0.00	0.00	0.00
306.24	320.08	341.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00
56.24	63.35	71.85	78.68	86.22	91.06	99.49	102.28	106.11	124.05
58.52	64.30	72.05	78.39	85.93	91.97	100.14	102.64	105.95	121.62
58.33	63.58	71.36	79.09	86.47	91.01	99.75	102.99	106.34	124.34
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	53.46	59.34	65.25	70.44	76.69	80.25	83.27	94.98
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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247.16	260.65	275.40	291.15	306.42	317.82	330.90	340.93	353.07	372.57
56.32	66.69	72.77	79.31	86.63	92.93	101.47	103.80	107.92	124.14
59.56	64.98	72.57	80.14	87.39	92.47	99.91	103.83	107.76	125.54
58.51	65.21	72.72	79.10	86.79	92.67	101.64	103.88	107.33	124.17
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
29.49	36.26	44.29	52.27	59.09	67.58	74.38	81.41	84.93	86.38
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
36.61	44.94	52.76	0.00	0.00	0.00	0.00	0.00	0.00	0.00
37.80	46.06	53.55	0.00	0.00	0.00	0.00	0.00	0.00	0.00
38.79	46.55	56.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00
39.20	46.72	54.73	0.00	0.00	0.00	0.00	0.00	0.00	0.00
44.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25.55	28.97	32.98	37.01	40.86	43.75	47.47	50.15	51.78	54.62
55.81	64.22	72.99	82.37	89.99	98.41	106.68	112.33	115.71	121.90
29.88	36.49	44.41	52.27	59.31	66.09	73.43	79.46	84.11	86.94
29.91	36.41	44.40	52.45	59.18	66.12	73.42	79.42	84.17	86.99
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
27.65	31.38	38.24	45.53	48.38	52.69	57.54	60.70	62.60	62.26
27.51	31.20	37.84	45.14	47.91	52.26	57.04	60.19	62.11	61.97
27.34	30.90	37.41	44.59	47.38	51.73	56.44	59.67	61.67	61.50
0.00	30.52	36.95	44.03	47.01	51.24	55.85	59.23	61.16	61.02
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
60.27	67.51	77.59	85.92	93.22	100.86	106.10	108.11	112.11	116.87
249.39	260.28	276.60	290.60	306.64	316.83	332.36	339.18	353.00	380.18
60.23	67.68	77.49	86.15	93.34	101.17	106.48	108.81	112.37	117.66
26.90	30.33	34.55	38.74	42.81	44.76	0.00	0.00	0.00	0.00
35.68	39.92	44.92	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

2025	2026	2027	2028	2029	2030	2031	2032	2033	2034
44.62	32.85	39.06	44.66	51.43	57.05	63.49	66.50	69.75	70.28
53.37	63.00	69.59	86.60	85.31	93.34	94.36	99.04	98.63	105.93
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11.35	14.16	17.73	21.65	24.13	27.18	30.38	32.47	34.41	34.78
24.28	27.47	31.41	35.46	38.99	41.78	45.27	47.80	49.34	51.46
40.56	47.52	54.24	61.33	67.93	74.41	86.48	93.77	101.74	109.90
44.52	49.59	56.08	61.74	68.83	73.12	77.71	82.15	85.05	96.08
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
37.87	45.97	54.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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2035	2036	2037	2038	2039	2040	2041	2042	2043	2044
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
99.00	105.65	116.11	125.95	133.89	142.88	152.07	160.30	0.00	0.00
109.46	117.02	128.02	139.26	147.99	158.43	167.89	175.90	0.00	0.00
73.78	83.01	91.98	99.12	110.24	116.27	128.65	133.46	138.72	146.28
92.37	103.99	118.08	131.95	143.50	154.08	167.93	176.91	188.17	198.21
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
56.52	60.25	66.19	71.69	75.87	80.99	86.24	91.29	96.34	101.79
70.99	75.94	83.43	90.11	95.88	101.50	107.00	112.57	119.38	125.12
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
50.43	53.76	59.30	64.22	68.22	72.83	77.63	82.43	86.58	91.42
57.42	61.61	67.84	73.45	78.16	84.25	89.40	95.29	100.72	106.59
50.43	53.76	59.28	64.23	68.18	72.62	77.40	82.09	86.16	91.06
56.95	60.76	67.23	72.72	77.40	82.80	88.37	94.28	99.61	105.19
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
92.20	104.67	119.18	130.68	141.64	154.99	168.70	177.25	187.72	199.73
388.43	414.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
132.81	145.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
131.86	137.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
132.89	141.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
102.40	108.40	118.48	127.39	133.52	144.62	151.29	177.31	191.87	197.68
0.00	0.00	0.00	155.29	158.70	166.59	172.88	205.34	219.37	224.04
0.00	0.00	0.00	0.00	0.00	172.13	178.07	207.67	221.92	228.19

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0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	228.69
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	231.27
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
104.22	109.02	119.34	127.44	135.66	145.31	151.26	177.71	193.41	199.73
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
106.07	111.21	122.41	129.60	137.55	146.74	153.21	180.47	195.53	202.65
108.95	113.10	123.20	131.31	139.35	148.11	154.43	184.96	199.27	204.05
111.69	115.36	126.56	133.20	141.02	150.24	156.37	186.10	201.65	206.90
114.57	119.04	130.24	135.48	144.41	152.53	159.52	188.38	203.76	209.96
117.32	123.07	132.80	140.14	146.89	154.00	161.49	193.16	208.91	214.36
0.00	127.82	134.93	143.32	150.43	157.40	165.06	194.84	211.58	215.89
0.00	0.00	0.00	149.37	154.33	161.22	170.10	201.65	215.11	220.88
50.41	53.71	59.15	64.07	67.99	72.44	77.17	81.73	85.87	90.67
66.82	71.15	78.59	84.91	90.09	96.26	102.50	108.70	113.73	120.21
0.00	0.00	0.00	0.00	0.00	0.00	0.00	82.37	85.59	90.43
0.00	0.00	0.00	0.00	0.00	0.00	0.00	108.87	113.69	120.18
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
60.34	64.17	70.26	76.12	79.97	85.74	90.80	96.68	103.70	109.28
60.54	64.39	70.77	76.63	80.75	86.37	91.67	97.99	103.31	109.01
58.69	62.34	68.51	74.17	78.28	83.64	88.80	94.78	100.08	105.57
55.32	58.95	64.86	70.28	74.46	79.43	84.56	89.69	94.68	99.93
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
132.61	143.89	155.10	159.34	0.00	0.00	0.00	0.00	0.00	0.00
390.02	417.65	422.93	442.02	465.59	489.09	500.20	539.97	536.23	561.77
124.13	133.89	144.38	156.65	166.84	177.86	186.61	210.27	223.45	233.68
124.29	133.37	141.71	156.51	165.57	178.72	187.61	209.24	222.48	232.60
123.06	133.85	142.17	154.61	164.46	176.99	186.75	206.00	216.84	229.12
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
133.60	144.02	153.20	157.61	0.00	0.00	0.00	0.00	0.00	0.00
133.37	142.80	153.50	160.55	0.00	0.00	0.00	0.00	0.00	0.00
133.31	143.88	153.61	158.31	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
92.70	103.36	117.12	132.08	143.53	154.41	167.57	176.34	186.69	199.69
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
58.01	61.76	67.98	73.60	77.83	83.14	88.56	94.50	99.39	105.41
128.52	137.05	151.90	164.02	173.82	185.47	197.88	209.78	219.63	232.41
91.93	102.79	116.64	129.04	141.27	153.11	165.86	175.57	185.50	197.65
91.97	102.82	116.46	129.14	141.16	153.23	165.93	175.58	185.50	197.77
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
63.62	68.18	76.25	81.36	87.07	89.20	91.44	93.74	96.12	98.50
63.38	67.85	75.96	81.11	86.61	88.76	90.99	93.26	95.61	97.99
62.98	67.52	75.53	80.75	86.08	88.21	90.44	92.70	95.01	97.37
62.68	67.18	75.17	80.37	85.73	87.83	90.07	92.30	94.63	96.95
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

2035	2036	2037	2038	2039	2040	2041	2042	2043	2044
73.78	83.01	91.98	99.12	110.24	116.27	128.65	133.46	138.72	146.28
113.73	118.58	128.61	136.46	144.28	153.49	160.59	189.47	205.71	209.39
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
36.62	39.94	45.55	49.43	53.88	56.43	59.75	62.03	65.00	67.70
54.10	57.63	63.54	68.77	73.03	77.76	82.87	87.34	91.27	96.40
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
104.12	111.35	121.94	132.68	140.41	150.62	159.41	168.17	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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2045	2046	2047	2048	2049	2050	2051	2052	2053	2054
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
154.89	164.03	172.55	181.52	189.19	196.85	204.49	214.08	223.52	234.17
211.67	224.56	236.23	248.22	258.49	270.73	286.98	295.65	307.99	322.96
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
107.62	113.04	117.49	122.06	126.06	130.30	135.17	140.40	145.50	150.70
130.33	137.50	142.11	147.90	153.22	158.59	163.64	169.47	176.70	182.71
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
96.81	101.74	105.79	109.98	113.68	117.47	122.08	126.64	131.29	135.91
111.89	118.47	122.81	127.85	131.26	136.67	141.78	146.91	152.25	158.28
96.46	101.34	105.46	109.65	113.28	117.10	121.78	126.26	130.87	135.62
110.95	117.14	121.15	126.24	129.52	134.82	139.67	144.56	149.79	155.84
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
210.89	224.63	236.35	247.61	259.52	270.67	285.73	296.53	307.73	321.13
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
208.46	216.59	224.32	235.80	239.32	247.07	255.69	262.75	270.29	276.80
234.06	246.41	253.88	267.92	270.73	280.31	287.58	294.16	307.08	308.69
241.01	251.68	259.22	269.97	277.01	283.93	283.87	301.98	311.93	312.68

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242.13	256.03	263.76	278.28	280.24	291.43	289.56	305.29	319.76	315.96
245.51	260.61	269.69	278.87	283.46	295.48	287.79	309.59	322.46	320.20
246.98	265.83	276.13	279.51	288.67	302.09	293.97	315.64	324.86	323.94
0.00	264.32	275.82	283.66	292.04	306.61	295.46	323.76	329.28	325.20
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
210.75	217.91	227.72	238.10	242.59	249.46	256.43	265.12	274.07	278.63
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
212.98	222.66	231.67	240.31	244.52	252.34	258.76	266.83	276.12	280.08
215.13	223.81	232.14	244.80	247.40	255.61	261.18	269.31	281.04	284.13
216.76	227.04	235.60	246.36	252.12	258.64	264.60	273.77	283.70	285.56
220.73	228.86	239.36	250.81	253.46	262.78	268.02	276.38	287.79	290.16
224.83	233.37	243.45	253.86	257.04	267.33	275.23	284.02	293.77	296.32
227.66	238.75	247.52	258.74	260.68	271.67	277.49	285.62	299.02	302.46
231.08	240.57	248.97	262.17	266.08	274.89	280.36	289.42	301.38	308.06
96.04	100.90	104.92	109.06	112.74	116.43	120.97	125.51	130.04	134.65
127.18	133.65	138.94	144.79	149.02	153.98	160.03	166.00	172.20	178.28
95.72	100.59	104.59	108.72	112.44	116.14	120.65	125.22	129.81	134.44
127.23	133.61	138.86	144.83	148.70	153.93	160.07	165.91	172.00	178.20
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
115.76	120.74	125.10	129.37	134.18	138.11	143.65	148.91	154.19	159.14
115.28	120.86	125.55	130.64	135.07	139.21	144.45	150.33	155.72	161.29
111.64	117.09	121.68	126.46	130.63	134.78	139.70	145.29	150.47	156.07
105.71	111.08	115.43	119.90	124.07	128.26	133.03	138.12	143.18	148.57
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
259.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
245.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
247.86	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
211.47	224.04	235.70	248.31	259.00	270.05	284.70	294.96	308.20	319.84
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
111.09	116.99	121.52	126.73	130.63	134.75	140.02	145.60	150.44	155.78
247.35	258.84	269.24	280.71	288.60	297.74	309.77	321.80	333.73	344.10
211.05	223.32	234.46	245.88	257.01	267.34	278.75	289.91	301.17	312.30
210.80	223.26	234.51	245.85	257.05	267.45	278.93	289.83	301.25	312.23
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
101.08	103.59	106.14	108.75	111.64	114.23	117.04	119.93	122.96	126.03
100.49	102.99	105.56	108.16	110.93	113.64	116.48	119.36	122.38	125.43
99.83	102.32	104.89	107.48	110.20	112.95	115.77	118.63	121.63	124.67
99.43	101.88	104.46	107.02	109.75	112.47	115.31	118.13	121.15	124.15
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

2045	2046	2047	2048	2049	2050	2051	2052	2053	2054
154.89	164.03	172.55	181.52	189.19	196.85	204.49	214.08	223.52	234.17
220.02	230.02	239.03	249.83	253.97	262.61	268.01	277.84	288.01	291.81
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
71.04	73.98	77.31	80.30	85.53	94.48	104.31	120.87	139.34	162.76
102.17	107.29	111.56	116.11	119.83	123.82	128.72	133.55	138.43	143.33
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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Fixed Cost ($000)

\\s00233\grpdata\PEF Resource Planning\2020\2020-03 Clean Energy Connection\Prosym\05052020\CEC_

Station	Unit Type	2020	2021	2022	2023	2024
AC	DSM	0	0	0	0	0
Anclote.1	Steam-Gas	0	0	0	0	0
Anclote.2	Steam-Gas	0	0	0	0	0
As.Avail	Cogen	0	0	0	0	0
As.Avail.PCS	Renewable	0	0	0	0	0
AVON.PK_P.1	CT	0	0	0	0	0
AVON.PK_P.2	CT	0	0	0	0	0
Bartow CC.1.0	Steam-CC	0	0	0	0	0
Bartow CC.1.PAG	Steam-CC	0	0	0	0	0
BARTOW_P.1	CT	0	0	0	0	0
BARTOW_P.2	CT	0	0	0	0	0
BARTOW_P.3	CT	0	0	0	0	0
BARTOW_P.4	CT	0	0	0	0	0
Battery Cape San Blas	Storage	48	146	176	237	240
Battery Jennings	Storage	79	241	247	242	230
Battery Micanopy	Storage	79	241	247	242	230
Battery Trenton	Storage	79	241	247	242	230
BAYBORO_P.1	CT	0	0	0	0	0
BAYBORO_P.2	CT	0	0	0	0	0
BAYBORO_P.3	CT	0	0	0	0	0
BAYBORO_P.4	CT	0	0	0	0	0
Citrus.CC.1	Steam-CC	0	0	0	0	0
Citrus.CC.1.Duct	Steam-CC	0	0	0	0	0
Citrus.CC.2	Steam-CC	0	0	0	0	0
Citrus.CC.2.Duct	Steam-CC	0	0	0	0	0
Crystal.4	Steam-Coal	0	0	0	0	0
Crystal.5	Steam-Coal	0	0	0	0	0
Dade.County	Renewable	0	0	0	0	0
DEBARY.10	CT	0	0	0	0	0
DEBARY.2	CT	0	0	0	0	0
DEBARY.3	CT	0	0	0	0	0
DEBARY.4	CT	0	0	0	0	0
DEBARY.5	CT	0	0	0	0	0
DEBARY.6	CT	0	0	0	0	0
DEBARY.7	CT	0	0	0	0	0
DEBARY.8	CT	0	0	0	0	0
DEBARY.9	CT	0	0	0	0	0
EconPurch	TranEcon-Purc	0	0	0	0	0
EconSale	TranEcon-Sale	0	0	0	0	0
Gen.190MW.CT.1	CT	0	0	0	0	0
Gen.190MW.CT.10	CT	0	0	0	0	0
Gen.190MW.CT.11	CT	0	0	0	0	0

Gen.190MW.CT.12	CT	0	0	0	0	0
Gen.190MW.CT.13	CT	0	0	0	0	0
Gen.190MW.CT.14	CT	0	0	0	0	0
Gen.190MW.CT.15	CT	0	0	0	0	0
Gen.190MW.CT.16	CT	0	0	0	0	0
Gen.190MW.CT.17	CT	0	0	0	0	0
Gen.190MW.CT.18	CT	0	0	0	0	0
Gen.190MW.CT.19	CT	0	0	0	0	0
Gen.190MW.CT.2	CT	0	0	0	0	0
Gen.190MW.CT.20	CT	0	0	0	0	0
Gen.190MW.CT.21	CT	0	0	0	0	0
Gen.190MW.CT.3	CT	0	0	0	0	0
Gen.190MW.CT.4	CT	0	0	0	0	0
Gen.190MW.CT.5	CT	0	0	0	0	0
Gen.190MW.CT.6	CT	0	0	0	0	0
Gen.190MW.CT.7	CT	0	0	0	0	0
Gen.190MW.CT.8	CT	0	0	0	0	0
Gen.190MW.CT.9	CT	0	0	0	0	0
Gen.2x1.CC.J.1	Steam-CC	0	0	0	0	0
Gen.2x1.CC.J.1.Duct	Steam-CC	0	0	0	0	0
Gen.2x1.CC.J.2	Steam-CC	0	0	0	0	0
Gen.2x1.CC.J.2.Duct	Steam-CC	0	0	0	0	0
Gen.2x1.CC.J.3	Steam-CC	0	0	0	0	0
Gen.2x1.CC.J.3.Duct	Steam-CC	0	0	0	0	0
Gen.2x1.CC.J.4	Steam-CC	0	0	0	0	0
Gen.2x1.CC.J.4.Duct	Steam-CC	0	0	0	0	0
Gen.2x1.CC.J.5	Steam-CC	0	0	0	0	0
Gen.2x1.CC.J.5.Duct	Steam-CC	0	0	0	0	0
Gen.2x1.CC.J.6	Steam-CC	0	0	0	0	0
Gen.2x1.CC.J.6.Duct	Steam-CC	0	0	0	0	0
Gen.2x1.CC.J.7	Steam-CC	0	0	0	0	0
Gen.2x1.CC.J.7.Duct	Steam-CC	0	0	0	0	0
HEAT	DSM	0	0	0	0	0
Hines.CC.1	Steam-CC	0	0	0	0	0
Hines.CC.2	Steam-CC	0	0	0	0	0
Hines.CC.3	Steam-CC	0	0	0	0	0
Hines.CC.4	Steam-CC	0	0	0	0	0
INT.CITY.1	CT	0	0	0	0	0
INT.CITY.10	CT	0	0	0	0	0
INT.CITY.11	CT	0	0	0	0	0
INT.CITY.12	CT	0	0	0	0	0
INT.CITY.13	CT	0	0	0	0	0
INT.CITY.14	CT	0	0	0	0	0
INT.CITY.2	CT	0	0	0	0	0
INT.CITY.3	CT	0	0	0	0	0
INT.CITY.4	CT	0	0	0	0	0
INT.CITY.5	CT	0	0	0	0	0

INT.CITY.6	CT	0	0	0	0	0
INT.CITY.7	CT	0	0	0	0	0
INT.CITY.8	CT	0	0	0	0	0
INT.CITY.9	CT	0	0	0	0	0
INTER	DSM	0	0	0	0	0
Lake.County	Renewable	0	0	0	0	0
LEE.County.Res	Renewable	0	0	0	0	0
Mulberry	Cogen	97,306	101,979	107,186	112,648	48,439
NSG.Vand.CT.1	TranFirm-Purc	9,464	9,464	9,464	9,464	9,464
NSG.Vand.CT.2	TranFirm-Purc	9,464	9,464	9,464	9,464	9,464
NSG.Vand.CT.3	TranFirm-Purc	9,464	9,464	9,464	9,464	9,464
NSG.Vand.CT.4	TranFirm-Purc	9,464	9,464	9,464	9,464	9,464
Orange.Cogen	Cogen	70,840	74,267	78,033	82,038	86,452
Orlando.Cogen	Cogen	71,275	74,711	78,511	82,527	0
Osprey 1.0	Steam-CC	0	0	0	0	0
Osprey 1.1	Steam-CC	0	0	0	0	0
Osprey 1.2	Steam-CC	0	0	0	0	0
OspreyAcq	Steam-CC	0	0	0	0	0
OspreyAcqDF	Steam-CC	0	0	0	0	0
Pasco.County	Renewable	25,843	27,412	29,159	31,017	33,083
Pinellas.County	Renewable	61,519	65,253	69,412	73,834	78,753
PPA.SERC	TranFirm-Purc	49,877	17,606	0	0	0
Seasonal PPA_Summer.1	TranFirm-Purc	0	0	0	0	0
Shady.Hills.1	TranFirm-Purc	8,940	8,940	8,940	8,940	2,103
Shady.Hills.2	TranFirm-Purc	8,940	8,940	8,940	8,940	2,103
Shady.Hills.3	TranFirm-Purc	8,940	8,940	8,940	8,940	2,103
Solar.3rdParty.Block.1	Renewable	0	0	0	0	0
Solar.3rdParty.Block.2	Renewable	0	0	0	0	0
Solar.3rdParty.Block.3	Renewable	0	0	0	0	0
Solar.3rdParty.Block.4	Renewable	0	0	0	0	0
Solar.DEF.Archer	Renewable	0	0	508	516	528
Solar.DEF.Charlie.Creek	Renewable	0	0	525	530	541
Solar.DEF.Columbia	Renewable	543	790	819	828	848
Solar.DEF.Debary	Renewable	526	889	911	931	956
Solar.DEF.Duette	Renewable	0	0	625	634	649
Solar.DEF.Hamilton	Renewable	1,106	1,130	1,154	1,179	1,266
Solar.DEF.Lake.Placid	Renewable	575	583	596	610	629
Solar.DEF.NEW	Renewable	0	0	1,228	1,246	1,274
Solar.DEF.NEW.2	Renewable	0	0	0	2,494	2,531
Solar.DEF.NEW.3	Renewable	0	0	0	0	2,536
Solar.DEF.NEW.4	Renewable	0	0	0	0	0
Solar.DEF.NEW.5	Renewable	0	0	0	0	0
Solar.DEF.Osc.Perry.Suw	Renewable	0	0	0	0	0
Solar.DEF.Santa.Fe	Renewable	0	1,027	1,046	1,073	1,095
Solar.DEF.St.Pete.Pier	Renewable	0	0	0	0	0
Solar.DEF.Trenton	Renewable	1,009	1,027	1,055	1,075	1,105
Solar.DEF.Twin.Rivers	Renewable	0	940	957	983	1,002

Standby	DSM	0	0	0	0	0
SUWANNEE_P.1	CT	0	0	0	0	0
SUWANNEE_P.2	CT	0	0	0	0	0
SUWANNEE_P.3	CT	0	0	0	0	0
Tigerbay.1	Steam-CC	0	0	0	0	0
U.OF.FL.1	CT	0	0	0	0	0
Voltage.Red	DSM	0	0	0	0	0
WaterHtr_PP	DSM	0	0	0	0	0
Total		445,381	433,158	437,320	459,799	306,781

Group Totals

Station Group	**Group Type**	**2020**	**2021**	**2022**	**2023**	**2024**
Cogen	Total	239,421	250,956	263,730	277,213	134,891
CT	Total	0	0	0	0	0
DSM	Total	0	0	0	0	0
Renewable	Total	91,121	99,051	107,996	116,948	126,795
Steam-CC	Total	0	0	0	0	0
Steam-Coal	Total	0	0	0	0	0
Steam-Gas	Total	0	0	0	0	0
Storage	Total	286	868	918	962	929
TranEcon-Purc	Total	0	0	0	0	0
TranEcon-Sale	Total	0	0	0	0	0
TranFirm-Purc	Total	114,553	82,282	64,676	64,676	44,166

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2025	2026	2027	2028	2029	2030	2031	2032	2033	2034
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
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0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
244	249	253	257	261	266	270	240	174	205
231	232	234	236	237	239	241	236	225	236
231	232	234	236	237	239	241	236	225	236
231	232	234	236	237	239	241	236	225	236
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
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0	0	0	0	0	0	0	0	0	0
0	0	257	452	463	475	487	499	511	524
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0	0	0	0	0	0	0	0	0	0

CONFIDENTIAL

0	0	0	0	0	0	0	0	0	0

CONFIDENTIAL

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0	0	0	0	0	0	0	0	0	0
9,464	9,464	3,013	0	0	0	0	0	0	0
9,464	9,464	3,013	0	0	0	0	0	0	0
9,464	9,464	3,013	0	0	0	0	0	0	0
9,464	9,464	3,013	0	0	0	0	0	0	0
90,565	0	0	0	0	0	0	0	0	0
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0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
2,809	2,827	2,845	2,871	2,881	2,900	2,919	2,946	2,958	2,978
6,693	6,735	6,777	6,839	6,865	6,909	6,955	7,020	7,047	7,094
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0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
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0	0	0	0	0	0	0	0	0	0
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0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
541	557	609	623	638	653	672	684	701	717
551	567	630	643	656	670	689	698	712	727
939	950	973	1,009	1,021	1,046	1,084	1,097	1,177	1,164
982	1,003	1,027	1,054	1,081	1,103	1,132	1,157	1,221	1,231
664	685	752	770	788	807	831	845	865	886
1,294	1,323	1,352	1,382	1,413	1,444	1,476	1,562	1,542	1,576
677	693	710	726	748	761	779	797	856	840
1,304	1,344	1,478	1,513	1,548	1,585	1,632	1,660	1,699	1,739
2,589	2,649	2,730	2,999	3,070	3,143	3,217	3,313	3,370	3,449
2,573	2,633	2,694	2,776	3,046	3,119	3,193	3,268	3,365	3,424
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0	0	0	0	0	0	0	0	0	0
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1,125	1,209	1,234	1,263	1,297	1,328	1,354	1,390	1,419	1,503
0	0	0	0	0	0	0	0	0	0
1,189	1,213	1,242	1,275	1,306	1,332	1,367	1,395	1,479	1,471
1,031	1,111	1,134	1,161	1,193	1,222	1,246	1,280	1,306	1,388

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0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
154,319	64,300	39,450	28,319	29,258	29,954	30,794	31,555	32,398	39,097

2025	2026	2027	2028	2029	2030	2031	2032	2033	2034
90,565	0	0	0	0	0	0	0	0	0
0	0	257	452	733	949	1,257	1,496	1,832	3,352
0	0	0	0	0	0	0	0	0	0
24,960	25,498	26,186	26,903	27,551	28,022	28,545	29,112	29,717	30,188
0	0	0	0	0	0	0	0	0	4,642
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0	0	0	0	0	0	0	0	0	0
937	946	955	964	973	983	993	947	849	914
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0	0	0	0	0	0	0	0	0	0
37,857	37,857	12,052	0	0	0	0	0	0	0

CONFIDENTIAL

2035	2036	2037	2038	2039	2040	2041	2042	2043	2044
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0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
266	270	275	280	285	290	295	300	305	310
255	260	265	270	275	280	285	290	295	301
255	260	265	270	275	280	285	290	295	301
255	260	265	270	275	280	285	290	295	301
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0	0	0	0	0	0	0	0	0	0
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537	551	564	578	593	608	623	638	654	671
0	0	0	712	1,252	1,283	1,315	1,348	1,382	1,416
0	0	0	0	0	748	1,315	1,348	1,382	1,416

CONFIDENTIAL

0	0	0	0	0	0	0	0	0	826
0	0	0	0	0	0	0	0	0	826
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0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
537	551	564	578	593	608	623	638	654	671
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
537	551	564	578	593	608	623	638	654	671
537	551	564	578	593	608	623	638	654	671
537	551	564	578	593	608	623	638	654	671
537	551	564	578	593	608	623	638	654	671
1,134	1,162	1,191	1,221	1,252	1,283	1,315	1,348	1,382	1,416
0	678	1,191	1,221	1,252	1,283	1,315	1,348	1,382	1,416
0	0	0	712	1,252	1,283	1,315	1,348	1,382	1,416
6,767	6,937	7,110	7,288	7,470	7,657	7,848	8,044	8,245	8,452
1,390	1,425	1,460	1,497	1,534	1,573	1,612	1,652	1,693	1,736
0	0	0	0	0	0	0	4,693	8,245	8,452
0	0	0	0	0	0	0	964	1,693	1,736
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CONFIDENTIAL

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0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
2,998	3,026	3,039	3,060	3,081	3,111	3,125	3,147	3,170	3,201
7,142	7,211	7,240	7,290	7,341	7,413	7,445	7,498	7,552	7,627
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
766	755	769	787	806	825	849	865	886	908
784	761	772	788	804	820	842	854	872	890
1,179	1,208	1,251	1,268	1,299	1,345	1,364	1,398	1,448	1,469
1,243	1,270	1,304	1,333	1,368	1,402	1,433	1,466	1,506	1,544
949	933	950	972	995	1,019	1,048	1,068	1,094	1,120
1,611	1,647	1,684	1,722	1,761	1,801	1,842	1,884	1,927	1,971
854	874	895	916	942	960	982	1,006	1,030	1,060
1,865	1,831	1,864	1,908	1,953	1,999	2,056	2,095	2,145	2,196
3,530	3,783	3,718	3,785	3,874	3,965	4,059	4,176	4,255	4,356
3,504	3,587	3,841	3,777	3,846	3,937	4,030	4,125	4,243	4,324
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
1,496	1,521	1,557	1,598	1,632	1,676	1,715	1,751	1,793	1,841
0	0	0	0	0	0	0	0	0	0
1,497	1,532	1,573	1,606	1,649	1,688	1,723	1,765	1,812	1,856
1,379	1,402	1,435	1,474	1,505	1,546	1,583	1,617	1,656	1,701

0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
44,343	45,897	47,300	49,495	51,532	53,391	55,016	61,807	67,291	70,410

2035	**2036**	**2037**	**2038**	**2039**	**2040**	**2041**	**2042**	**2043**	**2044**
0	0	0	0	0	0	0	0	0	0
4,356	5,143	5,768	7,337	8,563	9,526	10,312	10,570	10,834	12,757
0	0	0	0	0	0	0	0	0	0
30,797	31,342	31,892	32,285	32,856	33,507	34,095	34,715	35,387	36,065
8,157	8,361	8,570	8,785	9,004	9,229	9,460	15,353	19,878	20,375
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
1,032	1,051	1,070	1,089	1,109	1,129	1,149	1,170	1,191	1,213
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0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0

CONFIDENTIAL

2045	2046	2047	2048	2049	2050	2051	2052	2053	2054
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0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
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0	0	0	0	0	0	0	0	0	0
215	0	0	0	0	0	0	0	0	0
208	0	0	0	0	0	0	0	0	0
208	0	0	0	0	0	0	0	0	0
208	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
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0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
688	705	722	740	759	778	797	817	838	859
1,451	1,488	1,525	1,563	1,602	1,642	1,683	1,725	1,768	1,813
1,451	1,488	1,525	1,563	1,602	1,642	1,683	1,725	1,768	1,813

CONFIDENTIAL

1,451	1,488	1,525	1,563	1,602	1,642	1,683	1,725	1,768	1,813
1,451	1,488	1,525	1,563	1,602	1,642	1,683	1,725	1,768	1,813
847	1,488	1,525	1,563	1,602	1,642	1,683	1,725	1,768	1,813
0	868	1,525	1,563	1,602	1,642	1,683	1,725	1,768	1,813
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0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
688	705	722	740	759	778	797	817	838	859
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
688	705	722	740	759	778	797	817	838	859
688	705	722	740	759	778	797	817	838	859
688	705	722	740	759	778	797	817	838	859
688	705	722	740	759	778	797	817	838	859
1,451	1,488	1,525	1,563	1,602	1,642	1,683	1,725	1,768	1,813
1,451	1,488	1,525	1,563	1,602	1,642	1,683	1,725	1,768	1,813
1,451	1,488	1,525	1,563	1,602	1,642	1,683	1,725	1,768	1,813
8,663	8,879	9,101	9,329	9,562	9,801	10,046	10,297	10,555	10,819
1,779	1,824	1,869	1,916	1,964	2,013	2,063	2,115	2,168	2,222
8,663	8,879	9,101	9,329	9,562	9,801	10,046	10,297	10,555	10,819
1,779	1,824	1,869	1,916	1,964	2,013	2,063	2,115	2,168	2,222
0	0	0	0	0	0	0	0	0	0

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0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
3,216	3,239	3,263	3,296	3,312	3,337	3,362	3,397	3,414	3,441
7,662	7,718	7,775	7,854	7,891	7,951	8,011	8,095	8,135	8,198
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
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0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
929	956	976	999	1,024	1,049	1,078	0	0	0
909	933	947	967	988	1,009	1,035	0	0	0
1,506	1,559	1,584	1,624	1,681	381	0	0	0	0
1,578	1,620	1,657	1,697	1,743	585	0	0	0	0
1,147	1,180	1,204	1,233	1,263	1,294	1,331	0	0	0
2,016	2,063	2,111	2,160	0	0	0	0	0	0
1,080	1,106	1,133	1,160	1,095	0	0	0	0	0
2,249	2,313	2,359	2,416	2,475	2,535	2,607	0	0	0
4,461	4,568	4,698	4,792	4,908	5,028	5,150	5,297	0	0
4,427	4,534	4,643	4,775	4,871	4,989	5,111	5,236	5,384	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
1,885	1,926	1,977	2,020	2,069	2,130	0	0	0	0
0	0	0	0	0	0	0	0	0	0
1,896	1,947	1,989	2,038	1,923	0	0	0	0	0
1,743	1,781	1,829	1,869	1,915	1,973	0	0	0	0

0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
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0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
73,560	75,847	78,145	79,900	79,182	75,336	71,839	67,280	63,321	59,186

2045	**2046**	**2047**	**2048**	**2049**	**2050**	**2051**	**2052**	**2053**	**2054**
0	0	0	0	0	0	0	0	0	0
15,132	16,998	18,058	18,510	18,972	19,447	19,933	20,431	20,942	21,466
0	0	0	0	0	0	0	0	0	0
36,705	37,443	38,145	38,901	37,158	32,261	27,686	22,024	16,933	11,639
20,884	21,406	21,941	22,490	23,052	23,629	24,219	24,825	25,445	26,082
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
839	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0

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Fuel Cost ($000)

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Station	Unit Type	2020	2021	2022	2023	2024
AC	DSM	0	0	0	0	0
Anclote.1	Steam-Gas	9,115	10,760	13,495	12,297	14,165
Anclote.2	Steam-Gas	11,322	13,335	13,293	14,841	14,563
As.Avail	Cogen	36	36	37	38	39
As.Avail.PCS	Renewable	2,137	2,162	2,199	2,231	2,321
AVON.PK_P.1	CT	455	0	0	0	0
AVON.PK_P.2	CT	141	0	0	0	0
Bartow CC.1.0	Steam-CC	122,946	122,745	127,912	125,971	123,425
Bartow CC.1.PAG	Steam-CC	361	514	274	419	468
BARTOW_P.1	CT	40	78	39	15	107
BARTOW_P.2	CT	67	74	70	11	182
BARTOW_P.3	CT	70	80	65	15	134
BARTOW_P.4	CT	97	108	61	40	214
Battery Cape San Blas	Storage	0	0	0	0	0
Battery Jennings	Storage	0	0	0	0	0
Battery Micanopy	Storage	0	0	0	0	0
Battery Trenton	Storage	0	0	0	0	0
BAYBORO_P.1	CT	379	347	275	76	668
BAYBORO_P.2	CT	10	67	21	5	22
BAYBORO_P.3	CT	240	329	211	76	612
BAYBORO_P.4	CT	312	246	180	56	584
Citrus.CC.1	Steam-CC	93,355	96,779	98,042	102,609	117,038
Citrus.CC.1.Duct	Steam-CC	5,033	5,363	5,054	5,505	5,851
Citrus.CC.2	Steam-CC	101,836	99,713	86,420	101,102	104,455
Citrus.CC.2.Duct	Steam-CC	5,022	5,114	5,061	5,292	5,021
Crystal.4	Steam-Coal	42,335	47,897	38,211	34,752	43,496
Crystal.5	Steam-Coal	43,360	41,533	50,663	46,367	31,331
Dade.County	Renewable	1,788	1,817	1,852	1,911	1,959
DEBARY.10	CT	300	337	262	103	557
DEBARY.2	CT	82	100	63	60	140
DEBARY.3	CT	112	180	103	55	236
DEBARY.4	CT	97	136	68	34	156
DEBARY.5	CT	88	126	83	50	201
DEBARY.6	CT	93	151	97	35	280
DEBARY.7	CT	299	222	240	141	574
DEBARY.8	CT	172	180	121	79	383
DEBARY.9	CT	319	287	243	134	653
EconPurch	TranEcon-Purc	0	0	0	0	0
EconSale	TranEcon-Sale	0	0	0	0	0
Gen.190MW.CT.1	CT	0	0	0	0	0
Gen.190MW.CT.10	CT	0	0	0	0	0
Gen.190MW.CT.11	CT	0	0	0	0	0

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Gen.190MW.CT.12	CT	0	0	0	0	0
Gen.190MW.CT.13	CT	0	0	0	0	0
Gen.190MW.CT.14	CT	0	0	0	0	0
Gen.190MW.CT.15	CT	0	0	0	0	0
Gen.190MW.CT.16	CT	0	0	0	0	0
Gen.190MW.CT.17	CT	0	0	0	0	0
Gen.190MW.CT.18	CT	0	0	0	0	0
Gen.190MW.CT.19	CT	0	0	0	0	0
Gen.190MW.CT.2	CT	0	0	0	0	0
Gen.190MW.CT.20	CT	0	0	0	0	0
Gen.190MW.CT.21	CT	0	0	0	0	0
Gen.190MW.CT.3	CT	0	0	0	0	0
Gen.190MW.CT.4	CT	0	0	0	0	0
Gen.190MW.CT.5	CT	0	0	0	0	0
Gen.190MW.CT.6	CT	0	0	0	0	0
Gen.190MW.CT.7	CT	0	0	0	0	0
Gen.190MW.CT.8	CT	0	0	0	0	0
Gen.190MW.CT.9	CT	0	0	0	0	0
Gen.2x1.CC.J.1	Steam-CC	0	0	0	0	0
Gen.2x1.CC.J.1.Duct	Steam-CC	0	0	0	0	0
Gen.2x1.CC.J.2	Steam-CC	0	0	0	0	0
Gen.2x1.CC.J.2.Duct	Steam-CC	0	0	0	0	0
Gen.2x1.CC.J.3	Steam-CC	0	0	0	0	0
Gen.2x1.CC.J.3.Duct	Steam-CC	0	0	0	0	0
Gen.2x1.CC.J.4	Steam-CC	0	0	0	0	0
Gen.2x1.CC.J.4.Duct	Steam-CC	0	0	0	0	0
Gen.2x1.CC.J.5	Steam-CC	0	0	0	0	0
Gen.2x1.CC.J.5.Duct	Steam-CC	0	0	0	0	0
Gen.2x1.CC.J.6	Steam-CC	0	0	0	0	0
Gen.2x1.CC.J.6.Duct	Steam-CC	0	0	0	0	0
Gen.2x1.CC.J.7	Steam-CC	0	0	0	0	0
Gen.2x1.CC.J.7.Duct	Steam-CC	0	0	0	0	0
HEAT	DSM	0	0	0	0	0
Hines.CC.1	Steam-CC	42,804	49,803	53,715	48,396	49,922
Hines.CC.2	Steam-CC	39,570	43,794	46,792	46,234	42,814
Hines.CC.3	Steam-CC	44,568	47,258	47,266	48,049	50,911
Hines.CC.4	Steam-CC	64,953	56,147	64,655	60,517	58,757
INT.CITY.1	CT	154	227	157	54	389
INT.CITY.10	CT	214	200	155	99	409
INT.CITY.11	CT	589	623	470	202	966
INT.CITY.12	CT	556	556	450	401	1,067
INT.CITY.13	CT	674	640	583	464	1,222
INT.CITY.14	CT	481	475	398	324	921
INT.CITY.2	CT	41	98	61	20	126
INT.CITY.3	CT	136	223	111	59	228
INT.CITY.4	CT	211	255	156	72	379
INT.CITY.5	CT	54	117	67	27	165

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INT.CITY.6	CT	296	297	205	85	552
INT.CITY.7	CT	177	126	126	71	342
INT.CITY.8	CT	246	239	207	96	500
INT.CITY.9	CT	239	208	174	115	458
INTER	DSM	0	0	0	0	0
Lake.County	Renewable	144	145	147	151	78
LEE.County.Res	Renewable	2,816	2,879	2,903	2,978	3,057
Mulberry	Cogen	17,483	17,568	17,923	17,914	10,976
NSG.Vand.CT.1	TranFirm-Purc	6,425	9,082	8,590	11,234	10,699
NSG.Vand.CT.2	TranFirm-Purc	5,382	7,783	7,725	9,936	9,368
NSG.Vand.CT.3	TranFirm-Purc	4,709	5,431	6,041	7,197	7,384
NSG.Vand.CT.4	TranFirm-Purc	4,017	4,569	4,932	5,801	5,982
Orange.Cogen	Cogen	20,124	20,337	20,625	20,621	20,939
Orlando.Cogen	Cogen	57,113	58,519	59,736	60,605	0
Osprey 1.0	Steam-CC	10,085	9,690	10,962	9,345	2,723
Osprey 1.1	Steam-CC	4,265	3,602	4,068	2,860	1,844
Osprey 1.2	Steam-CC	104	129	110	91	11
OspreyAcq	Steam-CC	0	0	0	0	45,510
OspreyAcqDF	Steam-CC	0	0	0	0	949
Pasco.County	Renewable	6,219	6,304	6,493	6,704	6,914
Pinellas.County	Renewable	14,200	14,523	15,478	15,980	16,482
PPA.SERC	TranFirm-Purc	17,281	2,789	0	0	0
Seasonal PPA_Summer.1	TranFirm-Purc	0	0	0	0	0
Shady.Hills.1	TranFirm-Purc	3,425	4,245	3,856	3,420	116
Shady.Hills.2	TranFirm-Purc	3,101	2,875	3,066	2,462	111
Shady.Hills.3	TranFirm-Purc	2,472	2,096	2,149	1,710	111
Solar.3rdParty.Block.1	Renewable	0	0	0	0	0
Solar.3rdParty.Block.2	Renewable	0	0	0	0	0
Solar.3rdParty.Block.3	Renewable	0	0	0	0	0
Solar.3rdParty.Block.4	Renewable	0	0	0	0	0
Solar.DEF.Archer	Renewable	0	0	0	0	0
Solar.DEF.Charlie.Creek	Renewable	0	0	0	0	0
Solar.DEF.Columbia	Renewable	0	0	0	0	0
Solar.DEF.Debary	Renewable	0	0	0	0	0
Solar.DEF.Duette	Renewable	0	0	0	0	0
Solar.DEF.Hamilton	Renewable	0	0	0	0	0
Solar.DEF.Lake.Placid	Renewable	0	0	0	0	0
Solar.DEF.NEW	Renewable	0	0	0	0	0
Solar.DEF.NEW.2	Renewable	0	0	0	0	0
Solar.DEF.NEW.3	Renewable	0	0	0	0	0
Solar.DEF.NEW.4	Renewable	0	0	0	0	0
Solar.DEF.NEW.5	Renewable	0	0	0	0	0
Solar.DEF.Osc.Perry.Suw	Renewable	0	0	0	0	0
Solar.DEF.Santa.Fe	Renewable	0	0	0	0	0
Solar.DEF.St.Pete.Pier	Renewable	0	0	0	0	0
Solar.DEF.Trenton	Renewable	0	0	0	0	0
Solar.DEF.Twin.Rivers	Renewable	0	0	0	0	0

Standby	DSM	0	0	0	0	0
SUWANNEE_P.1	CT	102	117	76	56	244
SUWANNEE_P.2	CT	254	235	103	32	291
SUWANNEE_P.3	CT	134	120	104	80	213
Tigerbay.1	Steam-CC	23,936	25,840	30,660	30,036	20,930
U.OF.FL.1	CT	8,152	7,973	9,197	8,665	9,482
Voltage.Red	DSM	0	0	0	0	0
WaterHtr_PP	DSM	0	0	0	0	0
Total		849,922	858,953	875,403	877,487	854,378

Group Totals

Station Group	**Group Type**	**2020**	**2021**	**2022**	**2023**	**2024**
Cogen	Total	94,755	96,460	98,321	99,177	31,954
CT	Total	16,081	15,777	15,001	11,910	23,658
DSM	Total	0	0	0	0	0
Renewable	Total	27,304	27,830	29,071	29,955	30,810
Steam-CC	Total	558,838	566,491	580,990	586,426	630,630
Steam-Coal	Total	85,695	89,430	88,873	81,119	74,827
Steam-Gas	Total	20,437	24,095	26,788	27,138	28,728
Storage	Total	0	0	0	0	0
TranEcon-Purc	Total	0	0	0	0	0
TranEcon-Sale	Total	0	0	0	0	0
TranFirm-Purc	Total	46,812	38,869	36,359	41,761	33,771

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2025	2026	2027	2028	2029	2030	2031	2032	2033	2034
0	0	0	0	0	0	0	0	0	0
16,739	21,569	24,263	29,726	31,924	33,111	43,509	42,251	43,061	31,881
20,046	21,378	27,133	35,710	34,590	42,659	43,120	47,651	44,792	35,017
45	51	59	66	75	82	90	93	95	94
2,630	3,003	3,522	4,045	4,463	4,944	5,214	5,557	5,645	5,641
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
129,135	139,134	157,092	161,280	186,333	198,923	216,539	212,192	213,592	205,056
946	1,121	1,567	1,774	1,874	2,334	2,522	2,200	2,172	722
126	214	28	0	0	0	0	0	0	0
104	252	561	794	682	1,046	904	1,030	893	124
84	241	46	0	0	0	0	0	0	0
213	376	698	1,030	775	1,302	1,325	1,412	1,271	189
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
592	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0
532	0	0	0	0	0	0	0	0	0
380	0	0	0	0	0	0	0	0	0
110,305	121,807	134,082	139,134	158,418	164,565	168,978	179,582	177,833	181,630
5,641	6,005	6,478	7,265	7,812	8,499	9,392	9,278	9,334	8,240
108,281	118,617	130,268	135,871	153,675	160,489	164,642	174,612	173,856	181,835
5,239	5,601	6,292	6,933	7,232	7,951	8,832	8,675	8,767	7,306
43,143	39,767	47,204	50,460	52,963	49,527	57,408	49,208	51,683	12,870
39,453	44,765	45,567	58,798	55,086	60,786	58,687	56,792	47,158	13,357
2,249	2,525	2,959	3,395	3,771	4,068	4,397	4,670	4,812	4,739
427	1,101	2,173	2,980	2,206	3,403	2,748	3,760	3,165	2,289
128	240	73	0	0	0	0	0	0	0
179	455	101	0	0	0	0	0	0	0
180	401	57	0	0	0	0	0	0	0
160	310	73	0	0	0	0	0	0	0
194	502	68	0	0	0	0	0	0	0
538	843	1,677	2,421	1,909	2,710	2,525	2,857	2,607	1,779
391	664	1,240	1,837	1,471	2,200	2,271	2,538	2,072	1,306
601	937	1,839	2,581	1,983	2,916	2,724	2,914	2,795	1,910
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	12,983	19,377	19,338	23,846	25,562	26,454	27,090	23,329
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0

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0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
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0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	12,909	19,888	21,449	22,566	23,200	19,784
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	14,683	18,819	19,727	17,395
0	0	0	0	0	0	0	0	13,610	13,748
0	0	0	0	0	0	0	0	0	8,949
0	0	0	0	0	0	0	0	0	7,496
0	0	0	0	0	0	0	0	0	6,020
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	154,855
0	0	0	0	0	0	0	0	0	14,496
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
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0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
46,227	48,562	60,288	67,723	70,244	78,224	79,159	87,905	89,038	70,843
44,958	52,231	59,991	68,175	72,052	71,367	86,118	86,502	87,166	77,360
49,197	52,199	61,242	70,668	75,061	82,663	82,149	88,728	91,927	85,201
68,647	67,483	76,078	92,260	97,909	95,458	102,948	115,500	116,329	101,222
294	676	1,256	2,002	1,593	2,440	2,182	2,350	2,170	203
383	609	1,297	1,866	1,494	2,332	2,243	2,244	2,291	1,301
904	1,844	3,723	5,191	4,105	6,416	4,947	5,823	5,401	3,688
975	1,425	2,990	4,032	3,116	4,421	4,172	4,207	4,193	2,859
887	1,605	3,196	4,156	3,487	4,558	4,238	4,738	4,312	2,851
866	1,206	2,651	3,667	2,967	4,184	3,776	4,134	3,848	2,623
64	159	494	1,241	935	1,323	1,097	1,563	1,270	95
218	396	876	2,020	1,630	2,497	1,826	2,316	2,102	220
333	556	1,240	2,256	1,818	2,879	2,538	2,768	2,466	201
119	179	425	1,344	1,142	1,668	1,370	1,666	1,447	84

CONFIDENTIAL

451	970	1,832	2,730	2,224	3,421	3,071	3,340	2,931	315
315	521	1,121	1,552	1,269	2,084	2,008	2,189	1,856	1,018
438	717	1,465	2,113	1,776	2,518	2,366	2,499	2,297	1,532
347	685	1,422	2,101	1,672	2,429	2,173	2,195	2,241	1,395
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
3,485	3,965	4,615	5,271	5,739	6,455	6,927	7,468	7,474	7,217
0	0	0	0	0	0	0	0	0	0
13,227	12,169	2,890	0	0	0	0	0	0	0
11,396	11,518	2,653	0	0	0	0	0	0	0
8,994	9,371	1,946	0	0	0	0	0	0	0
6,792	7,818	1,475	0	0	0	0	0	0	0
21,115	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
67,068	72,705	73,251	90,207	90,100	100,649	105,373	110,600	110,149	107,625
878	1,022	2,087	3,050	2,335	3,433	3,410	3,616	3,460	1,385
4,719	5,323	6,169	7,023	7,686	8,324	9,062	9,589	9,807	9,719
11,261	12,654	14,700	16,822	18,268	19,854	21,597	22,838	23,403	23,189
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0

0	0	0	0	0	0	0	0	0	0
196	261	558	888	745	1,094	1,121	1,279	1,116	148
347	778	1,617	2,142	1,851	3,040	2,450	2,867	2,355	239
221	266	624	996	828	1,110	1,029	1,380	1,188	174
25,852	34,259	36,898	43,077	38,391	18,917	0	0	0	0
9,180	10,744	9,892	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
889,057	946,756	1,049,064	1,170,050	1,249,928	1,329,011	1,396,865	1,455,416	1,461,467	1,464,766

2025	**2026**	**2027**	**2028**	**2029**	**2030**	**2031**	**2032**	**2033**	**2034**
21,160	51	59	66	75	82	90	93	95	94
21,389	30,134	58,294	71,316	73,926	105,725	116,794	129,908	139,914	123,265
0	0	0	0	0	0	0	0	0	0
24,344	27,471	31,964	36,556	39,927	43,645	47,197	50,123	51,140	50,505
662,374	720,744	805,615	887,418	961,437	993,475	1,030,059	1,079,389	1,083,622	1,197,777
82,597	84,532	92,771	109,258	108,049	110,313	116,095	106,000	98,841	26,227
36,785	42,947	51,396	65,436	66,514	75,770	86,629	89,903	87,853	66,899
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
40,409	40,877	8,963	0	0	0	0	0	0	0

CONFIDENTIAL

2035	2036	2037	2038	2039	2040	2041	2042	2043	2044
0	0	0	0	0	0	0	0	0	0
30,449	29,619	34,228	32,500	37,084	34,136	40,025	13,216	0	0
32,254	32,940	36,205	36,833	35,370	37,579	38,339	14,733	0	0
97	107	116	122	135	140	154	156	159	167
5,723	6,178	6,840	7,516	7,944	8,275	8,941	9,092	9,489	9,781
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
198,675	199,511	202,028	225,948	219,279	241,020	243,561	228,796	207,386	214,259
551	509	581	585	641	579	832	1,012	847	933
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
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0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
174,198	174,508	180,994	194,619	186,102	205,234	205,749	195,162	190,892	200,195
8,000	8,709	9,176	9,507	9,711	10,904	10,553	8,795	9,682	10,399
175,389	175,000	182,704	195,528	188,691	216,334	219,775	216,133	206,634	213,369
7,288	7,557	8,354	8,473	8,449	8,869	9,007	6,846	7,351	7,838
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
4,820	5,274	5,880	6,235	6,543	7,079	7,610	7,707	7,972	8,394
2,478	378	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
1,552	207	0	0	0	0	0	0	0	0
1,157	210	0	0	0	0	0	0	0	0
1,772	265	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
22,105	23,861	27,034	27,282	33,675	32,118	35,528	28,365	25,612	28,589
0	0	0	5,146	7,252	7,480	9,209	7,132	6,782	8,191
0	0	0	0	0	5,174	7,416	5,670	5,558	6,852

CONFIDENTIAL

0	0	0	0	0	0	0	0	0	4,912
0	0	0	0	0	0	0	0	0	3,934
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0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
18,936	21,269	24,238	25,092	29,110	27,523	31,436	24,852	22,552	25,768
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
16,625	18,109	20,577	21,090	25,650	23,650	28,081	21,770	19,546	22,458
13,748	15,266	17,537	18,491	22,196	20,787	24,309	18,246	17,472	20,310
11,559	13,160	15,084	16,017	19,433	17,990	21,604	16,091	15,303	17,390
9,455	10,830	12,258	13,998	16,123	15,090	17,963	14,445	13,152	15,251
7,636	8,732	10,559	11,593	13,820	12,908	15,532	12,083	11,625	12,781
0	6,299	8,370	9,690	11,156	11,012	13,386	10,234	9,741	11,325
0	0	0	6,518	9,081	9,005	10,783	8,385	8,270	10,070
267,379	268,857	285,333	297,614	302,668	311,376	322,092	326,963	319,289	332,744
18,608	19,296	22,072	21,931	25,726	26,493	28,377	32,902	36,246	37,992
0	0	0	0	0	0	0	198,061	333,314	344,830
0	0	0	0	0	0	0	22,299	29,547	32,393
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0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
73,208	74,168	83,100	84,863	91,685	90,878	93,382	88,503	76,028	71,681
69,929	73,961	80,817	82,280	90,856	82,792	97,545	78,036	76,677	79,293
80,848	79,140	88,558	92,058	99,922	100,782	99,493	91,719	83,146	84,221
96,771	102,749	112,970	116,982	118,938	120,175	131,436	110,068	99,717	113,084
0	0	0	0	0	0	0	0	0	0
1,259	1,449	1,521	313	0	0	0	0	0	0
4,367	5,836	6,296	5,630	7,570	5,909	7,001	5,539	6,847	1,099
2,496	2,606	2,763	2,063	2,563	1,861	2,455	2,514	2,840	2,017
2,747	2,758	3,032	2,236	2,800	1,956	2,621	2,680	3,015	2,781
2,250	2,244	2,694	1,805	2,220	1,568	2,049	1,885	1,971	1,754
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0

CONFIDENTIAL

0	0	0	0	0	0	0	0	0	0
895	1,105	1,359	254	0	0	0	0	0	0
1,482	1,531	1,706	319	0	0	0	0	0	0
1,368	1,467	1,693	253	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
7,636	8,090	8,938	9,974	10,512	11,028	11,781	11,978	12,350	13,164
0	0	0	0	0	0	0	0	0	0

0	0	0	0	0	0	0	0	0	0
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0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
1,513,230	1,535,641	1,655,651	1,748,698	1,807,916	1,879,525	1,977,068	2,009,054	2,032,217	2,137,907

2035	2036	2037	2038	2039	2040	2041	2042	2043	2044
97	107	116	122	135	140	154	156	159	167
123,887	137,582	156,721	167,791	202,649	194,033	229,374	179,890	170,288	195,483
0	0	0	0	0	0	0	0	0	0
52,125	55,704	61,596	66,857	71,008	75,359	80,434	82,255	84,825	89,493
1,274,418	1,279,689	1,366,785	1,444,595	1,461,671	1,538,280	1,588,742	1,718,804	1,776,945	1,852,764
0	0	0	0	0	0	0	0	0	0
62,702	62,559	70,433	69,333	72,453	71,714	78,364	27,949	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0

CONFIDENTIAL

2045	2046	2047	2048	2049	2050	2051	2052	2053	2054
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
174	184	192	203	208	215	222	234	242	255
10,371	10,956	11,384	11,895	12,139	12,633	13,548	13,715	14,188	14,982
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
232,236	243,739	243,845	236,260	251,000	254,852	265,724	264,416	273,204	290,682
1,119	1,206	1,084	1,073	1,240	1,225	1,473	1,514	1,605	1,891
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
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0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
204,631	218,300	220,899	217,832	223,963	228,648	229,671	245,465	252,514	268,218
9,955	11,517	11,520	11,569	11,359	12,521	12,175	12,989	13,659	14,522
216,292	232,301	232,891	229,183	238,355	242,519	241,821	260,244	267,622	275,276
7,455	8,750	8,329	8,165	8,342	8,991	8,902	9,337	9,963	10,663
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
8,698	9,249	9,625	9,985	10,351	10,675	11,342	11,667	11,966	12,487
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0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
30,716	32,939	34,004	35,740	34,277	36,107	38,390	38,008	40,063	43,902
9,021	10,393	10,646	10,543	10,717	11,375	11,666	12,789	13,014	15,416
7,555	8,530	9,147	9,045	9,164	9,907	10,529	10,412	11,145	13,404

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6,672	7,452	7,492	7,301	7,562	8,082	8,837	9,008	9,505	11,464
5,209	5,992	6,149	6,257	6,320	6,996	7,602	7,829	7,969	9,807
3,710	4,588	4,868	5,147	5,122	5,633	6,514	6,522	6,425	8,172
0	3,299	3,785	4,188	4,149	4,410	5,334	4,962	5,217	6,860
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0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
27,550	29,782	30,042	30,692	30,968	32,684	34,683	34,599	35,540	38,842
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
24,285	25,483	25,732	28,540	26,922	28,306	30,923	30,641	32,481	35,143
21,272	23,312	23,499	24,690	23,755	25,502	27,213	26,785	27,857	30,854
19,452	20,782	21,201	21,804	20,088	22,544	24,495	24,086	26,253	27,756
17,036	18,173	18,678	19,264	19,401	19,599	21,558	21,404	22,568	25,175
14,937	15,782	16,217	16,814	16,558	17,022	17,910	17,896	19,898	22,596
12,704	13,600	13,738	14,594	14,052	14,708	15,725	16,506	17,559	18,947
10,853	12,197	12,404	12,597	12,450	13,141	14,423	14,651	15,006	17,158
345,117	356,635	360,560	369,883	367,946	375,474	386,192	399,872	412,741	425,444
40,033	43,686	44,343	48,601	45,190	47,003	48,640	50,304	52,765	52,971
360,483	372,310	375,225	384,091	384,234	389,671	401,846	413,992	424,801	436,243
33,904	35,075	35,843	39,563	36,428	39,584	42,511	42,476	42,968	44,687
0	0	0	0	0	0	0	0	0	0
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0	0	0	0	0	0	0	0	0	0
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0	0	0	0	0	0	0	0	0	0
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0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
83,393	84,863	92,123	98,850	94,680	99,133	93,466	105,891	110,386	104,326
81,332	89,830	88,059	92,458	90,852	85,461	100,918	99,060	103,570	104,774
93,475	93,871	99,524	99,581	98,164	99,966	95,482	107,160	109,289	116,692
119,669	117,791	118,876	130,339	128,445	118,937	126,069	141,139	145,807	139,904
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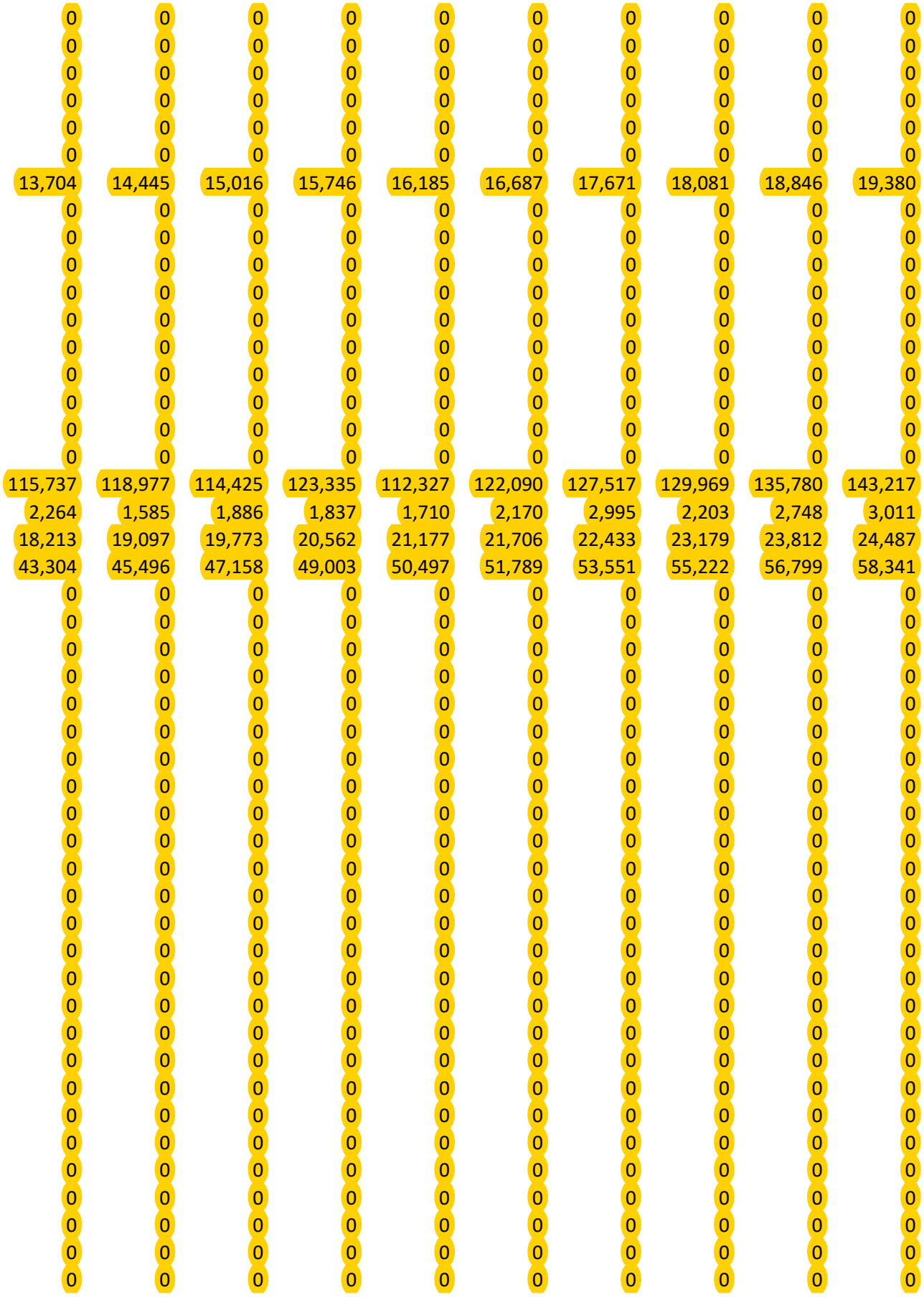
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
567	0	0	0	0	0	0	0	0	0
375	0	0	0	0	0	0	0	0	0
186	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0

CONFIDENTIAL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13,704 14,445 15,016 15,746 16,185 16,687 17,671 18,081 18,846 19,380
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115,737 118,977 114,425 123,335 112,327 122,090 127,517 129,969 135,780 143,217
2,264 1,585 1,886 1,837 1,710 2,170 2,995 2,203 2,748 3,011
18,213 19,097 19,773 20,562 21,177 21,706 22,433 23,179 23,812 24,487
43,304 45,496 47,158 49,003 50,497 51,789 53,551 55,222 56,799 58,341
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0	0	0	0	0	0	0	0	0	0
2,253,659	2,362,163	2,390,186	2,447,232	2,446,295	2,497,966	2,579,971	2,684,228	2,775,776	2,887,948

2045	**2046**	**2047**	**2048**	**2049**	**2050**	**2051**	**2052**	**2053**	**2054**
174	184	192	203	208	215	222	234	242	255
212,099	232,304	237,605	247,216	241,505	256,015	275,802	276,099	290,499	325,497
0	0	0	0	0	0	0	0	0	0
94,290	99,244	102,956	107,191	110,349	113,490	118,545	121,863	125,611	129,678
1,947,095	2,030,432	2,049,433	2,092,621	2,094,233	2,128,246	2,185,402	2,286,032	2,359,424	2,432,519
0	0	0	0	0	0	0	0	0	0
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0	0	0	0	0	0	0	0	0	0

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Fuel Rate ($/MMBtu)

\\s00233\grpdata\PEF Resource Planning\2020\2020-03 Clean Energy Connection\Prosym\05052020\CEC_

Station	Unit Type	2020	2021	2022	2023	2024
AC	DSM	0.00	0.00	0.00	0.00	0.00
Anclote.1	Steam-Gas	2.46	2.51	2.60	2.70	2.77
Anclote.2	Steam-Gas	2.49	2.49	2.59	2.67	2.80
As.Avail	Cogen	0.00	0.00	0.00	0.00	0.00
As.Avail.PCS	Renewable	0.00	0.00	0.00	0.00	0.00
AVON.PK_P.1	CT	2.45	0.00	0.00	0.00	0.00
AVON.PK_P.2	CT	14.11	0.00	0.00	0.00	0.00
Bartow CC.1.0	Steam-CC	2.48	2.51	2.60	2.67	2.80
Bartow CC.1.PAG	Steam-CC	2.42	2.43	2.52	2.59	2.75
BARTOW_P.1	CT	14.16	13.88	14.05	14.31	14.58
BARTOW_P.2	CT	2.45	2.50	2.58	2.81	2.72
BARTOW_P.3	CT	14.16	13.81	14.06	14.25	14.58
BARTOW_P.4	CT	2.42	2.48	2.62	2.73	2.71
Battery Cape San Blas	Storage	0.00	0.00	0.00	0.00	0.00
Battery Jennings	Storage	0.00	0.00	0.00	0.00	0.00
Battery Micanopy	Storage	0.00	0.00	0.00	0.00	0.00
Battery Trenton	Storage	0.00	0.00	0.00	0.00	0.00
BAYBORO_P.1	CT	13.92	13.96	14.13	14.28	14.58
BAYBORO_P.2	CT	14.11	13.81	14.11	14.32	14.61
BAYBORO_P.3	CT	14.02	13.97	14.14	14.28	14.58
BAYBORO_P.4	CT	13.95	13.89	14.15	14.29	14.57
Citrus.CC.1	Steam-CC	2.44	2.46	2.53	2.59	2.70
Citrus.CC.1.Duct	Steam-CC	2.36	2.36	2.45	2.50	2.61
Citrus.CC.2	Steam-CC	2.44	2.47	2.52	2.60	2.71
Citrus.CC.2.Duct	Steam-CC	2.35	2.36	2.43	2.50	2.62
Crystal.4	Steam-Coal	2.12	2.18	2.26	2.43	2.52
Crystal.5	Steam-Coal	2.12	2.18	2.26	2.43	2.52
Dade.County	Renewable	0.00	0.00	0.00	0.00	0.00
DEBARY.10	CT	14.23	14.17	14.38	14.53	14.82
DEBARY.2	CT	14.34	14.12	14.33	14.55	14.83
DEBARY.3	CT	14.33	14.10	14.32	14.53	14.82
DEBARY.4	CT	14.29	14.04	14.31	14.53	14.83
DEBARY.5	CT	14.38	14.04	14.32	14.54	14.83
DEBARY.6	CT	14.39	14.15	14.35	14.54	14.83
DEBARY.7	CT	2.43	2.49	2.59	2.70	2.72
DEBARY.8	CT	2.46	2.48	2.58	2.73	2.72
DEBARY.9	CT	2.45	2.49	2.57	2.71	2.72
EconPurch	TranEcon-Purc	0.00	0.00	0.00	0.00	0.00
EconSale	TranEcon-Sale	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.1	CT	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.10	CT	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.11	CT	0.00	0.00	0.00	0.00	0.00

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Gen.190MW.CT.12	CT	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.13	CT	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.14	CT	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.15	CT	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.16	CT	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.17	CT	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.18	CT	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.19	CT	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.2	CT	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.20	CT	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.21	CT	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.3	CT	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.4	CT	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.5	CT	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.6	CT	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.7	CT	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.8	CT	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.9	CT	0.00	0.00	0.00	0.00	0.00
Gen.2x1.CC.J.1	Steam-CC	0.00	0.00	0.00	0.00	0.00
Gen.2x1.CC.J.1.Duct	Steam-CC	0.00	0.00	0.00	0.00	0.00
Gen.2x1.CC.J.2	Steam-CC	0.00	0.00	0.00	0.00	0.00
Gen.2x1.CC.J.2.Duct	Steam-CC	0.00	0.00	0.00	0.00	0.00
Gen.2x1.CC.J.3	Steam-CC	0.00	0.00	0.00	0.00	0.00
Gen.2x1.CC.J.3.Duct	Steam-CC	0.00	0.00	0.00	0.00	0.00
Gen.2x1.CC.J.4	Steam-CC	0.00	0.00	0.00	0.00	0.00
Gen.2x1.CC.J.4.Duct	Steam-CC	0.00	0.00	0.00	0.00	0.00
Gen.2x1.CC.J.5	Steam-CC	0.00	0.00	0.00	0.00	0.00
Gen.2x1.CC.J.5.Duct	Steam-CC	0.00	0.00	0.00	0.00	0.00
Gen.2x1.CC.J.6	Steam-CC	0.00	0.00	0.00	0.00	0.00
Gen.2x1.CC.J.6.Duct	Steam-CC	0.00	0.00	0.00	0.00	0.00
Gen.2x1.CC.J.7	Steam-CC	0.00	0.00	0.00	0.00	0.00
Gen.2x1.CC.J.7.Duct	Steam-CC	0.00	0.00	0.00	0.00	0.00
HEAT	DSM	0.00	0.00	0.00	0.00	0.00
Hines.CC.1	Steam-CC	2.49	2.51	2.58	2.66	2.77
Hines.CC.2	Steam-CC	2.47	2.49	2.57	2.65	2.76
Hines.CC.3	Steam-CC	2.45	2.48	2.55	2.64	2.75
Hines.CC.4	Steam-CC	2.48	2.55	2.59	2.69	2.78
INT.CITY.1	CT	13.98	13.94	14.17	14.32	14.60
INT.CITY.10	CT	2.40	2.44	2.52	2.67	2.67
INT.CITY.11	CT	13.95	13.93	14.15	14.31	14.59
INT.CITY.12	CT	2.40	2.44	2.53	2.63	2.68
INT.CITY.13	CT	2.39	2.43	2.53	2.62	2.68
INT.CITY.14	CT	2.40	2.44	2.53	2.63	2.67
INT.CITY.2	CT	14.19	13.81	14.09	14.32	14.60
INT.CITY.3	CT	14.10	13.96	14.11	14.31	14.59
INT.CITY.4	CT	14.02	13.96	14.12	14.30	14.59
INT.CITY.5	CT	14.15	13.84	14.11	14.30	14.59

INT.CITY.6	CT	13.97	13.98	14.13	14.31	14.59
INT.CITY.7	CT	2.40	2.44	2.53	2.66	2.67
INT.CITY.8	CT	2.41	2.44	2.53	2.67	2.67
INT.CITY.9	CT	2.40	2.44	2.53	2.63	2.67
INTER	DSM	0.00	0.00	0.00	0.00	0.00
Lake.County	Renewable	0.00	0.00	0.00	0.00	0.00
LEE.County.Res	Renewable	0.00	0.00	0.00	0.00	0.00
Mulberry	Cogen	0.00	0.00	0.00	0.00	0.00
NSG.Vand.CT.1	TranFirm-Purc	2.40	2.42	2.50	2.57	2.68
NSG.Vand.CT.2	TranFirm-Purc	2.40	2.42	2.51	2.58	2.68
NSG.Vand.CT.3	TranFirm-Purc	2.40	2.42	2.52	2.58	2.68
NSG.Vand.CT.4	TranFirm-Purc	2.40	2.42	2.51	2.59	2.68
Orange.Cogen	Cogen	0.00	0.00	0.00	0.00	0.00
Orlando.Cogen	Cogen	0.00	0.00	0.00	0.00	0.00
Osprey 1.0	Steam-CC	2.42	2.44	2.55	2.63	2.81
Osprey 1.1	Steam-CC	2.39	2.42	2.53	2.59	2.75
Osprey 1.2	Steam-CC	2.35	2.40	2.56	2.57	2.83
OspreyAcq	Steam-CC	0.00	0.00	0.00	0.00	2.77
OspreyAcqDF	Steam-CC	0.00	0.00	0.00	0.00	2.75
Pasco.County	Renewable	0.00	0.00	0.00	0.00	0.00
Pinellas.County	Renewable	0.00	0.00	0.00	0.00	0.00
PPA.SERC	TranFirm-Purc	2.49	2.54	0.00	0.00	0.00
Seasonal PPA_Summer.1	TranFirm-Purc	0.00	0.00	0.00	0.00	0.00
Shady.Hills.1	TranFirm-Purc	2.44	2.47	2.57	2.65	3.06
Shady.Hills.2	TranFirm-Purc	2.46	2.47	2.57	2.64	3.06
Shady.Hills.3	TranFirm-Purc	2.45	2.47	2.58	2.65	3.06
Solar.3rdParty.Block.1	Renewable	0.00	0.00	0.00	0.00	0.00
Solar.3rdParty.Block.2	Renewable	0.00	0.00	0.00	0.00	0.00
Solar.3rdParty.Block.3	Renewable	0.00	0.00	0.00	0.00	0.00
Solar.3rdParty.Block.4	Renewable	0.00	0.00	0.00	0.00	0.00
Solar.DEF.Archer	Renewable	0.00	0.00	0.00	0.00	0.00
Solar.DEF.Charlie.Creek	Renewable	0.00	0.00	0.00	0.00	0.00
Solar.DEF.Columbia	Renewable	0.00	0.00	0.00	0.00	0.00
Solar.DEF.Debary	Renewable	0.00	0.00	0.00	0.00	0.00
Solar.DEF.Duette	Renewable	0.00	0.00	0.00	0.00	0.00
Solar.DEF.Hamilton	Renewable	0.00	0.00	0.00	0.00	0.00
Solar.DEF.Lake.Placid	Renewable	0.00	0.00	0.00	0.00	0.00
Solar.DEF.NEW	Renewable	0.00	0.00	0.00	0.00	0.00
Solar.DEF.NEW.2	Renewable	0.00	0.00	0.00	0.00	0.00
Solar.DEF.NEW.3	Renewable	0.00	0.00	0.00	0.00	0.00
Solar.DEF.NEW.4	Renewable	0.00	0.00	0.00	0.00	0.00
Solar.DEF.NEW.5	Renewable	0.00	0.00	0.00	0.00	0.00
Solar.DEF.Osc.Perry.Suw	Renewable	0.00	0.00	0.00	0.00	0.00
Solar.DEF.Santa.Fe	Renewable	0.00	0.00	0.00	0.00	0.00
Solar.DEF.St.Pete.Pier	Renewable	0.00	0.00	0.00	0.00	0.00
Solar.DEF.Trenton	Renewable	0.00	0.00	0.00	0.00	0.00
Solar.DEF.Twin.Rivers	Renewable	0.00	0.00	0.00	0.00	0.00

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Standby	DSM	0.00	0.00	0.00	0.00	0.00
SUWANNEE_P.1	CT	2.46	2.48	2.55	2.65	2.71
SUWANNEE_P.2	CT	14.32	14.37	14.56	14.67	14.94
SUWANNEE_P.3	CT	2.45	2.47	2.56	2.65	2.75
Tigerbay.1	Steam-CC	2.47	2.48	2.58	2.66	2.77
U.OF.FL.1	CT	2.63	2.70	2.73	2.83	2.92
Voltage.Red	DSM	0.00	0.00	0.00	0.00	0.00
WaterHtr_PP	DSM	0.00	0.00	0.00	0.00	0.00

Group Totals

Station Group	**Group Type**	**2020**	**2021**	**2022**	**2023**	**2024**
Cogen	Total	0.00	0.00	0.00	0.00	0.00
CT	Total	3.15	3.35	3.16	3.02	3.67
DSM	Total	0.00	0.00	0.00	0.00	0.00
Renewable	Total	3.35	1.90	1.11	0.82	0.66
Steam-CC	Total	2.46	2.49	2.56	2.63	2.75
Steam-Coal	Total	2.12	2.18	2.26	2.43	2.52
Steam-Gas	Total	2.48	2.50	2.60	2.69	2.79
Storage	Total	0.00	0.00	0.00	0.00	0.00
TranEcon-Purc	Total	0.00	0.00	0.00	0.00	0.00
TranEcon-Sale	Total	0.00	0.00	0.00	0.00	0.00
TranFirm-Purc	Total	2.44	2.44	2.53	2.59	2.68

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_750MW_LF.mdb

2025	2026	2027	2028	2029	2030	2031	2032	2033	2034
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2.96	3.17	3.50	3.83	4.12	4.29	4.56	4.70	4.68	4.80
2.95	3.17	3.50	3.83	4.12	4.28	4.57	4.70	4.68	4.80
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2.96	3.18	3.49	3.82	4.10	4.26	4.54	4.67	4.65	4.77
2.93	3.18	3.52	3.84	4.09	4.32	4.57	4.68	4.67	4.72
14.94	15.51	16.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2.96	3.19	3.54	3.90	4.12	4.38	4.60	4.72	4.69	4.71
14.92	15.51	16.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2.97	3.18	3.54	3.87	4.12	4.36	4.62	4.72	4.69	4.69
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14.93	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14.97	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14.93	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14.93	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2.86	3.06	3.38	3.71	4.00	4.16	4.41	4.53	4.51	4.66
2.81	3.04	3.39	3.72	3.97	4.22	4.45	4.54	4.53	4.65
2.86	3.06	3.38	3.71	4.00	4.16	4.41	4.53	4.51	4.66
2.81	3.04	3.40	3.72	3.97	4.22	4.45	4.53	4.53	4.65
2.71	2.85	3.05	3.28	3.38	3.51	3.91	4.04	4.18	4.33
2.71	2.85	3.05	3.28	3.38	3.51	3.91	4.04	4.18	4.33
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15.19	15.77	16.42	17.18	17.87	18.32	18.72	19.14	19.58	20.03
15.19	15.77	16.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15.19	15.77	16.43	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15.19	15.77	16.43	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15.19	15.77	16.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15.19	15.77	16.43	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2.97	3.20	3.54	3.87	4.12	4.37	4.61	4.72	4.69	4.82
2.97	3.19	3.54	3.87	4.12	4.38	4.61	4.72	4.70	4.83
2.96	3.19	3.54	3.87	4.12	4.37	4.60	4.72	4.69	4.82
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	3.57	3.86	4.12	4.34	4.61	4.71	4.70	4.81
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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14.95	15.53	16.18	16.94	17.62	18.06	18.46	18.88	19.32	19.76
2.91	3.15	3.49	3.83	4.07	4.33	4.56	4.68	4.66	4.78
2.91	3.14	3.49	3.83	4.07	4.32	4.56	4.67	4.64	4.79
2.91	3.15	3.49	3.82	4.07	4.33	4.57	4.68	4.64	4.77
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2.89	3.13	3.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2.89	3.13	3.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2.89	3.14	3.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2.89	3.14	3.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00

CONFIDENTIAL

0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2.96	3.19	3.54	3.88	4.13	4.37	4.61	4.72	4.70	4.71
15.31	15.90	16.55	17.31	18.01	18.45	18.86	19.28	19.72	20.17
2.95	3.18	3.54	3.88	4.12	4.37	4.61	4.73	4.70	4.72
2.92	3.14	3.46	3.79	4.08	4.09	0.00	0.00	0.00	0.00
3.08	3.29	3.58	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

2025	**2026**	**2027**	**2028**	**2029**	**2030**	**2031**	**2032**	**2033**	**2034**
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3.84	4.23	4.37	5.05	5.02	5.39	5.38	5.55	5.37	5.05
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.49	0.52	0.60	0.66	0.71	0.76	0.80	0.85	0.86	0.85
2.91	3.13	3.45	3.77	4.06	4.22	4.49	4.61	4.59	4.75
2.71	2.85	3.05	3.28	3.38	3.51	3.91	4.04	4.18	4.33
2.95	3.17	3.50	3.83	4.12	4.29	4.57	4.70	4.68	4.80
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2.89	3.13	3.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00

CONFIDENTIAL

2035	2036	2037	2038	2039	2040	2041	2042	2043	2044
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4.99	4.98	5.30	5.54	5.61	5.78	5.99	6.02	0.00	0.00
5.00	4.98	5.31	5.53	5.61	5.79	5.99	6.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4.95	4.94	5.27	5.49	5.58	5.74	5.95	6.10	6.19	6.41
4.96	4.96	5.26	5.48	5.56	5.73	5.95	6.11	6.17	6.37
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4.83	4.81	5.13	5.35	5.43	5.60	5.80	5.97	6.02	6.22
4.84	4.81	5.14	5.35	5.42	5.60	5.81	5.98	6.02	6.23
4.84	4.81	5.13	5.36	5.44	5.60	5.80	5.96	6.01	6.22
4.83	4.80	5.14	5.35	5.41	5.60	5.81	5.97	6.01	6.23
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20.48	20.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5.03	4.93	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5.04	4.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5.02	4.89	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5.00	4.99	5.32	5.54	5.61	5.79	6.00	6.16	6.25	6.48
0.00	0.00	0.00	5.57	5.60	5.81	6.04	6.19	6.28	6.50
0.00	0.00	0.00	0.00	0.00	5.85	6.05	6.20	6.29	6.50

CONFIDENTIAL

0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.55
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.54
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5.00	4.99	5.32	5.54	5.61	5.80	6.01	6.16	6.26	6.48
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5.00	4.99	5.32	5.54	5.61	5.80	6.01	6.17	6.26	6.49
5.01	4.99	5.33	5.54	5.61	5.80	6.01	6.17	6.26	6.48
5.01	5.00	5.33	5.54	5.61	5.80	6.02	6.18	6.26	6.49
5.01	5.00	5.33	5.54	5.61	5.80	6.01	6.18	6.27	6.49
5.02	5.00	5.34	5.55	5.61	5.81	6.03	6.18	6.27	6.50
0.00	5.02	5.34	5.54	5.61	5.81	6.03	6.19	6.28	6.50
0.00	0.00	0.00	5.57	5.60	5.81	6.03	6.20	6.29	6.50
5.00	4.99	5.31	5.55	5.63	5.79	6.00	6.17	6.25	6.47
5.01	4.99	5.33	5.55	5.62	5.81	6.02	6.22	6.27	6.50
0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.26	6.25	6.47
0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.27	6.28	6.50
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4.94	4.93	5.26	5.49	5.56	5.74	5.94	6.09	6.18	6.41
4.94	4.93	5.25	5.48	5.56	5.73	5.94	6.10	6.18	6.40
4.94	4.93	5.26	5.48	5.56	5.73	5.94	6.09	6.18	6.41
4.95	4.93	5.25	5.49	5.57	5.74	5.94	6.10	6.19	6.40
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4.97	4.96	5.30	5.38	0.00	0.00	0.00	0.00	0.00	0.00
20.21	20.66	21.14	21.54	21.93	22.07	22.64	23.22	23.42	24.02
4.97	4.95	5.28	5.49	5.56	5.75	5.99	6.15	6.21	6.44
4.97	4.94	5.29	5.48	5.56	5.76	5.99	6.16	6.22	6.42
4.98	4.95	5.29	5.48	5.55	5.76	5.99	6.17	6.22	6.41
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

CONFIDENTIAL

0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4.98	4.96	5.30	5.38	0.00	0.00	0.00	0.00	0.00	0.00
4.98	4.95	5.29	5.38	0.00	0.00	0.00	0.00	0.00	0.00
4.98	4.95	5.29	5.38	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00

CONFIDENTIAL

0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

2035	2036	2037	2038	2039	2040	2041	2042	2043	2044
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5.22	5.17	5.49	5.68	5.77	5.93	6.15	6.32	6.45	6.51
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.86	0.92	1.00	1.09	1.13	1.21	1.27	1.30	1.32	1.39
4.93	4.91	5.23	5.46	5.54	5.71	5.92	6.10	6.17	6.39
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4.99	4.98	5.30	5.53	5.61	5.78	5.99	6.01	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

CONFIDENTIAL

2045	2046	2047	2048	2049	2050	2051	2052	2053	2054
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6.70	6.92	7.01	7.15	7.14	7.19	7.37	7.55	7.74	7.93
6.66	6.92	7.00	7.08	7.20	7.27	7.39	7.56	7.79	7.94
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6.51	6.74	6.82	6.94	6.94	7.00	7.17	7.35	7.53	7.71
6.52	6.74	6.82	6.95	6.93	6.99	7.17	7.34	7.52	7.70
6.51	6.73	6.82	6.94	6.95	7.00	7.18	7.35	7.53	7.71
6.52	6.74	6.83	6.97	6.91	6.98	7.15	7.33	7.50	7.69
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6.78	7.00	7.08	7.23	7.17	7.23	7.42	7.59	7.78	7.98
6.82	7.02	7.09	7.27	7.18	7.25	7.42	7.60	7.79	7.98
6.82	7.02	7.10	7.27	7.18	7.24	7.42	7.60	7.79	7.98

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6.82	7.03	7.10	7.28	7.18	7.25	7.41	7.61	7.79	7.98
6.81	7.03	7.10	7.28	7.18	7.25	7.42	7.61	7.80	7.99
6.84	7.03	7.11	7.29	7.17	7.25	7.41	7.62	7.80	7.99
0.00	7.07	7.10	7.31	7.19	7.25	7.41	7.60	7.80	7.99
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6.79	7.00	7.08	7.24	7.18	7.23	7.41	7.59	7.78	7.98
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6.79	7.00	7.09	7.24	7.17	7.24	7.41	7.59	7.78	7.97
6.79	7.00	7.08	7.24	7.17	7.24	7.41	7.59	7.78	7.97
6.80	7.00	7.09	7.25	7.16	7.24	7.41	7.59	7.78	7.97
6.79	7.01	7.08	7.25	7.18	7.24	7.41	7.59	7.78	7.98
6.81	7.01	7.09	7.25	7.17	7.23	7.42	7.59	7.78	7.98
6.82	7.02	7.09	7.25	7.17	7.24	7.41	7.60	7.78	7.98
6.82	7.02	7.10	7.25	7.17	7.24	7.41	7.60	7.78	7.98
6.77	7.00	7.08	7.20	7.24	7.29	7.47	7.66	7.85	8.04
6.79	7.02	7.11	7.25	7.22	7.27	7.45	7.63	7.82	8.01
6.77	7.00	7.08	7.20	7.24	7.30	7.48	7.66	7.85	8.04
6.81	7.02	7.10	7.26	7.20	7.27	7.45	7.63	7.81	8.01
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6.69	6.92	7.01	7.12	7.16	7.21	7.39	7.56	7.75	7.94
6.70	6.92	7.00	7.13	7.14	7.20	7.37	7.55	7.74	7.92
6.70	6.92	7.00	7.14	7.13	7.18	7.36	7.54	7.72	7.92
6.70	6.92	7.01	7.13	7.16	7.21	7.39	7.56	7.75	7.94
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6.51	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6.48	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

2045	2046	2047	2048	2049	2050	2051	2052	2053	2054
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6.80	7.01	7.09	7.25	7.17	7.24	7.41	7.59	7.78	7.98
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.44	1.53	1.56	1.63	1.70	1.89	2.08	2.45	2.83	3.42
6.68	6.91	6.99	7.12	7.13	7.19	7.37	7.54	7.73	7.92
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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Heat Rate (MMBtu/MWh)

\\s00233\grpdata\PEF Resource Planning\2020\2020-03 Clean Energy Connection\Prosym\05052020\CEC_

Station	Unit Type	2020	2021	2022	2023	2024
AC	DSM	0.00	0.00	0.00	0.00	0.00
Anclote.1	Steam-Gas	12.46	12.43	12.49	12.48	12.47
Anclote.2	Steam-Gas	13.78	13.70	13.79	13.78	13.71
As.Avail	Cogen	0.00	0.00	0.00	0.00	0.00
As.Avail.PCS	Renewable	0.00	0.00	0.00	0.00	0.00
AVON.PK_P.1	CT	36.34	0.00	0.00	0.00	0.00
AVON.PK_P.2	CT	36.96	0.00	0.00	0.00	0.00
Bartow CC.1.0	Steam-CC	7.00	7.00	6.99	7.00	7.01
Bartow CC.1.PAG	Steam-CC	8.96	8.76	9.00	8.98	9.02
BARTOW_P.1	CT	17.56	16.62	17.56	17.67	17.55
BARTOW_P.2	CT	14.45	14.33	14.52	14.11	14.57
BARTOW_P.3	CT	17.64	16.46	17.65	17.67	17.63
BARTOW_P.4	CT	14.34	14.07	14.84	13.81	14.35
Battery Cape San Blas	Storage	0.00	0.00	0.00	0.00	0.00
Battery Jennings	Storage	0.00	0.00	0.00	0.00	0.00
Battery Micanopy	Storage	0.00	0.00	0.00	0.00	0.00
Battery Trenton	Storage	0.00	0.00	0.00	0.00	0.00
BAYBORO_P.1	CT	14.63	14.61	14.75	14.86	14.68
BAYBORO_P.2	CT	18.50	15.58	16.44	18.50	16.44
BAYBORO_P.3	CT	14.63	14.61	14.63	14.86	14.74
BAYBORO_P.4	CT	14.63	14.53	14.63	14.63	14.69
Citrus.CC.1	Steam-CC	6.48	6.48	6.48	6.48	6.48
Citrus.CC.1.Duct	Steam-CC	7.36	7.36	7.36	7.33	7.36
Citrus.CC.2	Steam-CC	6.49	6.49	6.49	6.49	6.49
Citrus.CC.2.Duct	Steam-CC	7.31	7.31	7.27	7.30	7.29
Crystal.4	Steam-Coal	11.07	11.00	11.19	11.30	11.34
Crystal.5	Steam-Coal	10.89	10.84	11.05	11.17	11.16
Dade.County	Renewable	0.00	0.00	0.00	0.00	0.00
DEBARY.10	CT	14.66	14.51	14.69	14.75	14.67
DEBARY.2	CT	16.85	16.86	16.96	17.13	16.84
DEBARY.3	CT	16.96	16.35	17.05	17.09	16.90
DEBARY.4	CT	16.98	16.18	17.04	16.86	16.98
DEBARY.5	CT	17.00	16.09	17.09	17.10	16.95
DEBARY.6	CT	16.97	16.20	16.98	17.21	16.88
DEBARY.7	CT	13.67	13.47	13.89	13.50	13.65
DEBARY.8	CT	13.60	13.34	13.65	13.38	13.58
DEBARY.9	CT	13.67	13.49	13.83	13.71	13.63
EconPurch	TranEcon-Purc	0.00	0.00	0.00	0.00	0.00
EconSale	TranEcon-Sale	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.1	CT	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.10	CT	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.11	CT	0.00	0.00	0.00	0.00	0.00

Gen.190MW.CT.12	CT	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.13	CT	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.14	CT	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.15	CT	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.16	CT	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.17	CT	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.18	CT	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.19	CT	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.2	CT	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.20	CT	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.21	CT	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.3	CT	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.4	CT	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.5	CT	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.6	CT	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.7	CT	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.8	CT	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.9	CT	0.00	0.00	0.00	0.00	0.00
Gen.2x1.CC.J.1	Steam-CC	0.00	0.00	0.00	0.00	0.00
Gen.2x1.CC.J.1.Duct	Steam-CC	0.00	0.00	0.00	0.00	0.00
Gen.2x1.CC.J.2	Steam-CC	0.00	0.00	0.00	0.00	0.00
Gen.2x1.CC.J.2.Duct	Steam-CC	0.00	0.00	0.00	0.00	0.00
Gen.2x1.CC.J.3	Steam-CC	0.00	0.00	0.00	0.00	0.00
Gen.2x1.CC.J.3.Duct	Steam-CC	0.00	0.00	0.00	0.00	0.00
Gen.2x1.CC.J.4	Steam-CC	0.00	0.00	0.00	0.00	0.00
Gen.2x1.CC.J.4.Duct	Steam-CC	0.00	0.00	0.00	0.00	0.00
Gen.2x1.CC.J.5	Steam-CC	0.00	0.00	0.00	0.00	0.00
Gen.2x1.CC.J.5.Duct	Steam-CC	0.00	0.00	0.00	0.00	0.00
Gen.2x1.CC.J.6	Steam-CC	0.00	0.00	0.00	0.00	0.00
Gen.2x1.CC.J.6.Duct	Steam-CC	0.00	0.00	0.00	0.00	0.00
Gen.2x1.CC.J.7	Steam-CC	0.00	0.00	0.00	0.00	0.00
Gen.2x1.CC.J.7.Duct	Steam-CC	0.00	0.00	0.00	0.00	0.00
HEAT	DSM	0.00	0.00	0.00	0.00	0.00
Hines.CC.1	Steam-CC	7.18	7.20	7.19	7.24	7.25
Hines.CC.2	Steam-CC	7.40	7.38	7.37	7.40	7.43
Hines.CC.3	Steam-CC	7.11	7.11	7.11	7.13	7.15
Hines.CC.4	Steam-CC	6.95	6.95	6.95	6.98	6.99
INT.CITY.1	CT	15.32	15.06	15.40	15.58	15.33
INT.CITY.10	CT	13.59	13.38	13.85	13.45	13.56
INT.CITY.11	CT	13.80	13.55	13.83	13.85	13.79
INT.CITY.12	CT	12.73	12.76	12.85	12.80	12.81
INT.CITY.13	CT	12.76	12.76	12.87	12.84	12.82
INT.CITY.14	CT	12.74	12.77	12.87	12.82	12.79
INT.CITY.2	CT	16.06	15.71	16.00	15.89	15.94
INT.CITY.3	CT	15.25	15.09	15.39	15.37	15.29
INT.CITY.4	CT	15.19	15.09	15.31	15.33	15.20
INT.CITY.5	CT	15.83	15.11	15.73	15.67	15.71

INT.CITY.6	CT	15.01	14.97	15.14	15.18	15.02
INT.CITY.7	CT	13.58	13.32	13.76	13.30	13.60
INT.CITY.8	CT	13.65	13.45	13.88	13.59	13.66
INT.CITY.9	CT	13.54	13.33	13.81	13.46	13.71
INTER	DSM	0.00	0.00	0.00	0.00	0.00
Lake.County	Renewable	0.00	0.00	0.00	0.00	0.00
LEE.County.Res	Renewable	0.00	0.00	0.00	0.00	0.00
Mulberry	Cogen	0.00	0.00	0.00	0.00	0.00
NSG.Vand.CT.1	TranFirm-Purc	10.45	10.46	10.47	10.53	10.52
NSG.Vand.CT.2	TranFirm-Purc	10.43	10.44	10.46	10.50	10.50
NSG.Vand.CT.3	TranFirm-Purc	10.43	10.43	10.46	10.49	10.49
NSG.Vand.CT.4	TranFirm-Purc	10.43	10.41	10.45	10.48	10.48
Orange.Cogen	Cogen	0.00	0.00	0.00	0.00	0.00
Orlando.Cogen	Cogen	0.00	0.00	0.00	0.00	0.00
Osprey 1.0	Steam-CC	7.63	7.67	7.69	7.74	7.58
Osprey 1.1	Steam-CC	6.86	6.86	6.89	6.92	7.05
Osprey 1.2	Steam-CC	16.55	16.52	16.60	16.55	17.59
OspreyAcq	Steam-CC	0.00	0.00	0.00	0.00	7.23
OspreyAcqDF	Steam-CC	0.00	0.00	0.00	0.00	16.47
Pasco.County	Renewable	0.00	0.00	0.00	0.00	0.00
Pinellas.County	Renewable	0.00	0.00	0.00	0.00	0.00
PPA.SERC	TranFirm-Purc	7.39	7.56	0.00	0.00	0.00
Seasonal PPA_Summer.1	TranFirm-Purc	0.00	0.00	0.00	0.00	0.00
Shady.Hills.1	TranFirm-Purc	10.49	10.47	10.51	10.47	10.67
Shady.Hills.2	TranFirm-Purc	10.48	10.45	10.50	10.47	10.68
Shady.Hills.3	TranFirm-Purc	10.48	10.44	10.49	10.48	10.68
Solar.3rdParty.Block.1	Renewable	10.00	10.00	10.00	10.00	10.00
Solar.3rdParty.Block.2	Renewable	0.00	0.00	10.00	10.00	10.00
Solar.3rdParty.Block.3	Renewable	0.00	0.00	0.00	0.00	10.00
Solar.3rdParty.Block.4	Renewable	0.00	0.00	0.00	0.00	0.00
Solar.DEF.Archer	Renewable	0.00	9.99	10.00	10.00	10.00
Solar.DEF.Charlie.Creek	Renewable	0.00	10.00	10.00	10.00	10.00
Solar.DEF.Columbia	Renewable	10.00	10.00	10.00	10.00	10.00
Solar.DEF.Debary	Renewable	10.00	10.00	10.00	10.00	10.00
Solar.DEF.Duette	Renewable	0.00	10.00	10.00	10.00	10.00
Solar.DEF.Hamilton	Renewable	10.00	10.00	10.00	10.00	10.00
Solar.DEF.Lake.Placid	Renewable	10.00	10.00	10.00	10.00	10.00
Solar.DEF.NEW	Renewable	0.00	0.00	10.00	10.00	10.00
Solar.DEF.NEW.2	Renewable	0.00	0.00	0.00	10.00	10.00
Solar.DEF.NEW.3	Renewable	0.00	0.00	0.00	0.00	10.00
Solar.DEF.NEW.4	Renewable	0.00	0.00	0.00	0.00	0.00
Solar.DEF.NEW.5	Renewable	0.00	0.00	0.00	0.00	0.00
Solar.DEF.Osc.Perry.Suw	Renewable	10.00	10.00	10.00	10.00	10.00
Solar.DEF.Santa.Fe	Renewable	0.00	10.00	10.00	10.00	10.00
Solar.DEF.St.Pete.Pier	Renewable	10.05	9.97	9.94	10.01	9.99
Solar.DEF.Trenton	Renewable	10.00	10.00	10.00	10.00	10.00
Solar.DEF.Twin.Rivers	Renewable	0.00	10.00	10.00	10.00	10.00

Standby	DSM	0.00	0.00	0.00	0.00	0.00
SUWANNEE_P.1	CT	15.71	15.60	15.76	15.75	15.76
SUWANNEE_P.2	CT	14.76	14.76	14.75	14.73	14.76
SUWANNEE_P.3	CT	15.76	15.77	15.75	15.75	15.76
Tigerbay.1	Steam-CC	7.40	7.39	7.38	7.40	7.41
U.OF.FL.1	CT	9.33	9.33	9.33	9.33	9.33
Voltage.Red	DSM	0.00	0.00	0.00	0.00	0.00
WaterHtr_PP	DSM	0.00	0.00	0.00	0.00	0.00

Group Totals

Station Group	**Group Type**	**2020**	**2021**	**2022**	**2023**	**2024**
Cogen	Total	0.00	0.00	0.00	0.00	0.00
CT	Total	10.84	10.55	10.29	10.01	11.07
DSM	Total	0.00	0.00	0.00	0.00	0.00
Renewable	Total	4.63	6.08	7.32	7.92	8.31
Steam-CC	Total	6.88	6.89	6.91	6.90	6.91
Steam-Coal	Total	10.97	10.92	11.11	11.22	11.27
Steam-Gas	Total	13.16	13.11	13.11	13.17	13.07
Storage	Total	0.00	0.00	0.00	0.00	0.00
TranEcon-Purc	Total	0.00	0.00	0.00	0.00	0.00
TranEcon-Sale	Total	0.00	0.00	0.00	0.00	0.00
TranFirm-Purc	Total	9.09	10.18	10.47	10.50	10.50

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_750MW_LF.mdb

2025	2026	2027	2028	2029	2030	2031	2032	2033	2034
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12.29	12.20	12.02	11.80	11.94	11.75	11.58	11.50	11.54	12.22
13.27	13.12	12.93	12.61	12.71	12.60	12.32	12.33	12.38	13.41
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7.00	7.01	7.01	7.01	7.01	7.01	7.00	7.01	7.00	7.01
9.06	9.08	9.09	9.09	9.08	9.09	9.05	9.10	9.08	8.92
17.54	17.48	17.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14.50	14.24	14.34	14.25	14.29	14.29	14.20	14.19	14.27	13.98
17.66	17.27	17.63	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14.06	13.91	14.02	13.85	14.01	13.97	13.92	13.89	13.94	13.66
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
16.44	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14.63	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6.48	6.48	6.48	6.48	6.48	6.48	6.49	6.49	6.49	6.50
7.35	7.37	7.36	7.41	7.40	7.42	7.42	7.42	7.43	7.48
6.49	6.49	6.49	6.49	6.49	6.49	6.49	6.49	6.49	6.50
7.30	7.32	7.36	7.38	7.34	7.39	7.39	7.37	7.38	7.39
11.55	11.66	11.53	11.49	11.54	11.55	11.93	12.03	12.10	12.04
11.35	11.44	11.36	11.31	11.39	11.42	11.73	11.83	11.90	11.84
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14.66	14.64	14.64	14.60	14.60	14.57	14.59	14.57	14.56	14.58
16.84	16.94	17.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
16.84	16.69	17.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00
16.94	16.61	17.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00
16.95	16.54	17.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
16.84	16.65	17.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13.34	13.32	13.37	13.26	13.33	13.37	13.29	13.21	13.25	13.99
13.35	13.27	13.39	13.25	13.32	13.34	13.26	13.18	13.21	13.87
13.33	13.34	13.41	13.29	13.40	13.40	13.30	13.25	13.28	13.98
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	10.85	10.81	10.84	10.79	10.75	10.81	10.83	11.52
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

CONFIDENTIAL

0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	10.73	10.74	10.71	10.78	10.77	11.56
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	10.66	10.74	10.72	11.63
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.71	11.73
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.19
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.41
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.55
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.38
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.44
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7.30	7.32	7.29	7.28	7.29	7.27	7.27	7.28	7.26	7.32
7.43	7.44	7.43	7.42	7.42	7.41	7.39	7.40	7.39	7.42
7.16	7.17	7.16	7.15	7.15	7.14	7.12	7.14	7.13	7.17
6.99	7.01	7.01	7.00	7.00	7.01	7.00	7.00	6.99	6.98
15.26	15.22	15.22	15.20	15.17	15.16	15.23	15.14	15.14	15.58
13.32	13.26	13.37	13.29	13.33	13.35	13.26	13.20	13.21	13.86
13.80	13.72	13.80	13.73	13.69	13.69	13.69	13.67	13.68	13.71
12.67	12.64	12.67	12.63	12.67	12.69	12.66	12.68	12.70	13.38
12.68	12.65	12.69	12.63	12.67	12.68	12.66	12.64	12.69	13.43
12.68	12.66	12.69	12.65	12.68	12.69	12.66	12.67	12.71	13.37
15.89	15.55	15.64	15.59	15.61	15.52	15.64	15.53	15.50	16.07
15.20	15.18	15.17	15.14	15.14	15.09	15.14	15.07	15.09	15.44
15.14	15.11	15.12	15.10	15.08	15.08	15.12	15.07	15.05	15.41
15.55	15.20	15.37	15.29	15.28	15.29	15.36	15.24	15.25	15.78

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14.99	14.98	14.98	14.98	14.97	14.94	14.99	14.95	14.93	15.18
13.35	13.27	13.39	13.27	13.33	13.34	13.26	13.18	13.22	13.86
13.37	13.38	13.43	13.28	13.36	13.41	13.31	13.26	13.28	13.98
13.34	13.32	13.41	13.30	13.37	13.39	13.29	13.24	13.25	13.90
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10.59	10.58	10.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10.56	10.54	10.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10.54	10.53	10.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10.52	10.51	10.55	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7.25	7.27	7.26	7.25	7.26	7.24	7.23	7.24	7.24	7.26
16.53	16.53	16.50	16.56	16.49	16.53	16.55	16.55	16.52	16.60
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00
10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00
10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00
0.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00
10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00
10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00
10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00
10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00
10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00
10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00
10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00
10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00
10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00
10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00
10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00
10.03	10.00	9.93	10.04	9.99	10.05	10.00	10.00	10.04	9.99
10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00
10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00

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0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15.76	15.61	15.74	15.55	15.49	15.43	15.05	14.58	14.65	14.64
14.83	14.71	14.81	14.73	14.77	14.71	14.85	14.68	14.74	15.18
15.76	15.71	15.75	15.58	15.48	15.52	15.13	14.69	14.71	14.70
7.40	7.41	7.41	7.40	7.41	7.42	0.00	0.00	0.00	0.00
9.33	9.33	9.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

2025	2026	2027	2028	2029	2030	2031	2032	2033	2034
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10.89	11.18	11.61	12.33	11.89	11.93	11.61	11.64	11.48	12.08
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8.40	8.47	8.50	8.53	8.56	8.58	8.61	8.60	8.63	8.62
6.93	6.93	6.94	6.96	6.94	6.93	6.93	6.93	6.93	6.85
11.45	11.54	11.44	11.39	11.46	11.48	11.83	11.92	12.00	11.94
12.80	12.64	12.48	12.23	12.33	12.21	11.94	11.92	11.95	12.82
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10.56	10.54	10.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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2035	2036	2037	2038	2039	2040	2041	2042	2043	2044
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12.45	12.47	12.42	12.43	12.45	12.45	12.45	12.43	0.00	0.00
13.77	13.80	13.68	13.76	13.80	13.80	13.75	13.65	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7.04	7.05	7.03	7.04	7.02	7.04	7.04	7.05	7.10	7.10
8.94	8.96	8.96	8.96	8.98	8.91	8.81	8.76	8.89	8.83
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6.52	6.51	6.51	6.51	6.51	6.52	6.52	6.53	6.56	6.56
7.45	7.51	7.48	7.48	7.50	7.57	7.53	7.58	7.66	7.67
6.51	6.51	6.51	6.51	6.50	6.50	6.50	6.51	6.53	6.53
7.39	7.40	7.41	7.41	7.44	7.44	7.44	7.50	7.58	7.57
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14.54	14.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14.30	14.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14.19	14.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14.32	14.29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11.76	11.72	11.66	11.68	11.63	11.73	11.57	12.50	12.91	12.72
0.00	0.00	0.00	12.77	12.57	12.46	12.32	13.47	13.69	13.54
0.00	0.00	0.00	0.00	0.00	12.66	12.54	13.44	13.66	13.59

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0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.58
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.54
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11.87	11.73	11.71	11.68	11.69	11.72	11.59	12.53	13.01	12.80
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11.95	11.82	11.83	11.75	11.77	11.78	11.64	12.69	13.11	12.93
12.04	11.94	11.87	11.84	11.83	11.81	11.70	12.85	13.25	13.01
12.20	12.07	12.01	11.92	11.93	11.87	11.78	12.91	13.35	13.10
12.35	12.23	12.16	12.04	12.08	11.97	11.88	12.98	13.36	13.22
12.47	12.48	12.26	12.20	12.14	12.03	11.94	13.18	13.51	13.38
0.00	12.70	12.36	12.33	12.26	12.17	12.07	13.18	13.56	13.36
0.00	0.00	0.00	12.58	12.42	12.29	12.25	13.38	13.63	13.50
6.37	6.37	6.37	6.37	6.37	6.37	6.37	6.37	6.39	6.39
8.46	8.46	8.47	8.46	8.47	8.47	8.47	8.47	8.47	8.47
0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.38	6.37	6.37
0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.45	8.47	8.47
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7.39	7.38	7.36	7.37	7.31	7.35	7.31	7.36	7.48	7.47
7.46	7.45	7.44	7.45	7.42	7.44	7.42	7.49	7.53	7.52
7.20	7.19	7.18	7.19	7.16	7.18	7.15	7.23	7.28	7.27
7.01	7.01	7.00	7.00	6.99	6.99	6.99	7.01	7.06	7.06
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14.20	14.37	14.24	13.93	0.00	0.00	0.00	0.00	0.00	0.00
13.65	13.76	13.54	13.58	13.67	13.73	13.70	13.80	13.63	13.78
13.67	13.73	13.59	13.64	13.69	13.72	13.61	13.99	14.10	14.09
13.73	13.77	13.59	13.69	13.70	13.79	13.68	14.01	14.10	14.04
13.65	13.71	13.55	13.61	13.61	13.67	13.59	13.97	14.07	14.04
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14.19	14.32	14.03	13.79	0.00	0.00	0.00	0.00	0.00	0.00
14.27	14.39	14.25	13.95	0.00	0.00	0.00	0.00	0.00	0.00
14.24	14.36	14.21	13.81	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7.30	7.28	7.27	7.27	7.26	7.27	7.26	7.32	7.33	7.35
16.56	16.59	16.58	16.58	16.54	16.53	16.52	16.56	16.57	16.60
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00
10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00
10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00
10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00
10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00
10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00
10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00
10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00
10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00
10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00
10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00
10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00
10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00
10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00
10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00
9.96	10.06	9.97	9.94	10.01	10.01	10.07	10.00	9.97	9.94
10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00
10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00

0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

2035	2036	2037	2038	2039	2040	2041	2042	2043	2044
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12.28	12.16	12.07	12.00	11.97	11.96	11.86	12.90	13.29	13.12
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8.65	8.64	8.67	8.66	8.68	8.68	8.70	8.70	8.72	8.71
6.83	6.83	6.83	6.83	6.83	6.83	6.83	6.80	6.79	6.79
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13.10	13.14	13.03	13.10	13.08	13.12	13.06	13.05	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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2045	2046	2047	2048	2049	2050	2051	2052	2053	2054
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7.09	7.09	7.09	7.08	7.09	7.09	7.08	7.08	7.08	7.08
8.69	8.70	8.65	8.67	8.65	8.66	8.63	8.61	8.64	8.64
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6.55	6.55	6.55	6.55	6.56	6.55	6.55	6.54	6.54	6.53
7.60	7.66	7.64	7.63	7.60	7.65	7.63	7.62	7.62	7.64
6.53	6.53	6.53	6.53	6.53	6.53	6.53	6.52	6.52	6.52
7.54	7.57	7.53	7.53	7.51	7.55	7.52	7.50	7.50	7.53
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12.68	12.59	12.62	12.64	12.60	12.59	12.57	12.50	12.52	12.45
13.46	13.51	13.52	13.58	13.46	13.55	13.41	13.38	13.49	13.26
13.62	13.64	13.61	13.59	13.56	13.64	13.29	13.54	13.61	13.34

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13.54	13.68	13.65	13.78	13.70	13.79	13.41	13.63	13.73	13.41
13.57	13.75	13.68	13.72	13.77	13.83	13.41	13.67	13.78	13.46
13.53	13.81	13.79	13.73	13.81	13.91	13.45	13.72	13.77	13.51
0.00	13.67	13.73	13.71	13.77	13.91	13.42	13.84	13.74	13.44
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12.78	12.69	12.69	12.74	12.67	12.67	12.60	12.59	12.60	12.49
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12.89	12.83	12.80	12.81	12.73	12.74	12.68	12.65	12.69	12.53
13.00	12.91	12.86	12.97	12.83	12.86	12.75	12.73	12.83	12.64
13.04	13.05	12.98	13.02	13.00	12.96	12.86	12.86	12.90	12.68
13.15	13.10	13.10	13.12	13.02	13.09	12.95	12.94	13.00	12.83
13.27	13.27	13.24	13.24	13.13	13.20	13.14	13.19	13.13	12.99
13.34	13.42	13.32	13.36	13.24	13.31	13.15	13.22	13.27	13.15
13.40	13.42	13.41	13.46	13.36	13.38	13.20	13.29	13.34	13.27
6.39	6.39	6.39	6.39	6.39	6.39	6.38	6.38	6.38	6.37
8.47	8.47	8.47	8.48	8.48	8.47	8.47	8.47	8.47	8.47
6.37	6.37	6.37	6.37	6.37	6.37	6.37	6.36	6.36	6.36
8.47	8.47	8.47	8.47	8.47	8.47	8.48	8.47	8.46	8.47
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7.47	7.46	7.42	7.39	7.41	7.39	7.41	7.39	7.39	7.38
7.51	7.51	7.51	7.51	7.51	7.49	7.49	7.50	7.50	7.50
7.26	7.26	7.26	7.26	7.26	7.25	7.24	7.25	7.24	7.25
7.05	7.05	7.04	7.04	7.05	7.05	7.03	7.04	7.04	7.04
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7.32	7.34	7.34	7.35	7.36	7.34	7.35	7.35	7.34	7.34
16.70	16.62	16.62	16.58	16.62	16.62	16.63	16.61	16.61	16.56
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00
10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00
10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00
10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00
10.00	10.00	10.00	10.00	10.00	10.00	10.00	0.00	0.00	0.00
10.00	10.00	10.00	10.00	10.00	10.00	10.00	0.00	0.00	0.00
10.00	10.00	10.00	10.00	10.00	10.00	0.00	0.00	0.00	0.00
10.00	10.00	10.00	10.00	10.00	10.00	0.00	0.00	0.00	0.00
10.00	10.00	10.00	10.00	10.00	10.00	10.00	0.00	0.00	0.00
10.00	10.00	10.00	10.00	0.00	0.00	0.00	0.00	0.00	0.00
10.00	10.00	10.00	10.00	10.00	0.00	0.00	0.00	0.00	0.00
10.00	10.00	10.00	10.00	10.00	10.00	10.00	0.00	0.00	0.00
10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	0.00	0.00
10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10.00	10.00	10.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10.00	10.00	10.00	10.00	10.00	10.00	0.00	0.00	0.00	0.00
10.01	9.96	10.07	10.01	10.05	0.00	0.00	0.00	0.00	0.00
10.00	10.00	10.00	10.00	10.00	0.00	0.00	0.00	0.00	0.00
10.00	10.00	10.00	10.00	10.00	10.00	0.00	0.00	0.00	0.00

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0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

2045	2046	2047	2048	2049	2050	2051	2052	2053	2054
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13.07	13.05	13.04	13.07	13.00	13.03	12.91	12.94	12.98	12.83
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8.73	8.72	8.74	8.74	8.72	8.63	8.57	8.39	8.24	8.00
6.79	6.79	6.79	6.80	6.79	6.79	6.79	6.79	6.79	6.79
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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Start Cost ($000)

\\s00233\grpdata\PEF Resource Planning\2020\2020-03 Clean Energy Connection\Prosym\05052020\CEC_

Station	Unit Type	2020	2021	2022	2023	2024
AC	DSM	0	0	0	0	0
Anclote.1	Steam-Gas	203	288	354	341	248
Anclote.2	Steam-Gas	141	209	341	419	380
As.Avail	Cogen	0	0	0	0	0
As.Avail.PCS	Renewable	0	0	0	0	0
AVON.PK_P.1	CT	2	0	0	0	0
AVON.PK_P.2	CT	4	0	0	0	0
Bartow CC.1.0	Steam-CC	53	47	60	37	46
Bartow CC.1.PAG	Steam-CC	0	0	0	0	0
BARTOW_P.1	CT	5	10	5	3	17
BARTOW_P.2	CT	26	22	30	3	74
BARTOW_P.3	CT	10	6	8	3	18
BARTOW_P.4	CT	29	26	20	10	72
Battery Cape San Blas	Storage	0	0	0	0	0
Battery Jennings	Storage	0	0	0	0	0
Battery Micanopy	Storage	0	0	0	0	0
Battery Trenton	Storage	0	0	0	0	0
BAYBORO_P.1	CT	7	5	6	1	16
BAYBORO_P.2	CT	0	1	0	0	1
BAYBORO_P.3	CT	4	4	4	1	15
BAYBORO_P.4	CT	5	4	4	2	14
Citrus.CC.1	Steam-CC	100	84	85	89	45
Citrus.CC.1.Duct	Steam-CC	0	0	0	0	0
Citrus.CC.2	Steam-CC	58	61	62	88	89
Citrus.CC.2.Duct	Steam-CC	0	0	0	0	0
Crystal.4	Steam-Coal	825	744	767	675	1,157
Crystal.5	Steam-Coal	751	790	833	1,358	1,008
Dade.County	Renewable	0	0	0	0	0
DEBARY.10	CT	27	28	30	13	66
DEBARY.2	CT	10	10	7	12	18
DEBARY.3	CT	16	18	11	9	35
DEBARY.4	CT	13	11	8	9	23
DEBARY.5	CT	11	10	10	12	29
DEBARY.6	CT	12	15	13	9	40
DEBARY.7	CT	118	56	93	53	244
DEBARY.8	CT	63	50	35	24	159
DEBARY.9	CT	112	93	81	53	255
EconPurch	TranEcon-Purc	0	0	0	0	0
EconSale	TranEcon-Sale	0	0	0	0	0
Gen.190MW.CT.1	CT	0	0	0	0	0
Gen.190MW.CT.10	CT	0	0	0	0	0
Gen.190MW.CT.11	CT	0	0	0	0	0

Gen.190MW.CT.12	CT	0	0	0	0	0
Gen.190MW.CT.13	CT	0	0	0	0	0
Gen.190MW.CT.14	CT	0	0	0	0	0
Gen.190MW.CT.15	CT	0	0	0	0	0
Gen.190MW.CT.16	CT	0	0	0	0	0
Gen.190MW.CT.17	CT	0	0	0	0	0
Gen.190MW.CT.18	CT	0	0	0	0	0
Gen.190MW.CT.19	CT	0	0	0	0	0
Gen.190MW.CT.2	CT	0	0	0	0	0
Gen.190MW.CT.20	CT	0	0	0	0	0
Gen.190MW.CT.21	CT	0	0	0	0	0
Gen.190MW.CT.3	CT	0	0	0	0	0
Gen.190MW.CT.4	CT	0	0	0	0	0
Gen.190MW.CT.5	CT	0	0	0	0	0
Gen.190MW.CT.6	CT	0	0	0	0	0
Gen.190MW.CT.7	CT	0	0	0	0	0
Gen.190MW.CT.8	CT	0	0	0	0	0
Gen.190MW.CT.9	CT	0	0	0	0	0
Gen.2x1.CC.J.1	Steam-CC	0	0	0	0	0
Gen.2x1.CC.J.1.Duct	Steam-CC	0	0	0	0	0
Gen.2x1.CC.J.2	Steam-CC	0	0	0	0	0
Gen.2x1.CC.J.2.Duct	Steam-CC	0	0	0	0	0
Gen.2x1.CC.J.3	Steam-CC	0	0	0	0	0
Gen.2x1.CC.J.3.Duct	Steam-CC	0	0	0	0	0
Gen.2x1.CC.J.4	Steam-CC	0	0	0	0	0
Gen.2x1.CC.J.4.Duct	Steam-CC	0	0	0	0	0
Gen.2x1.CC.J.5	Steam-CC	0	0	0	0	0
Gen.2x1.CC.J.5.Duct	Steam-CC	0	0	0	0	0
Gen.2x1.CC.J.6	Steam-CC	0	0	0	0	0
Gen.2x1.CC.J.6.Duct	Steam-CC	0	0	0	0	0
Gen.2x1.CC.J.7	Steam-CC	0	0	0	0	0
Gen.2x1.CC.J.7.Duct	Steam-CC	0	0	0	0	0
HEAT	DSM	0	0	0	0	0
Hines.CC.1	Steam-CC	78	103	55	110	184
Hines.CC.2	Steam-CC	107	137	87	71	179
Hines.CC.3	Steam-CC	148	164	124	196	198
Hines.CC.4	Steam-CC	16	29	38	23	24
INT.CITY.1	CT	6	5	5	2	10
INT.CITY.10	CT	83	63	74	44	183
INT.CITY.11	CT	102	93	118	47	251
INT.CITY.12	CT	165	191	162	172	347
INT.CITY.13	CT	209	220	210	185	380
INT.CITY.14	CT	146	150	134	144	318
INT.CITY.2	CT	1	1	1	1	3
INT.CITY.3	CT	4	5	2	2	5
INT.CITY.4	CT	5	5	5	3	10
INT.CITY.5	CT	2	2	1	0	4

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INT.CITY.6	CT	6	4	5	2	16
INT.CITY.7	CT	86	47	51	29	144
INT.CITY.8	CT	95	87	93	50	238
INT.CITY.9	CT	91	73	86	58	209
INTER	DSM	0	0	0	0	0
Lake.County	Renewable	0	0	0	0	0
LEE.County.Res	Renewable	0	0	0	0	0
Mulberry	Cogen	0	0	0	0	0
NSG.Vand.CT.1	TranFirm-Purc	1,459	1,745	1,442	1,298	1,342
NSG.Vand.CT.2	TranFirm-Purc	1,272	1,680	1,406	1,287	1,397
NSG.Vand.CT.3	TranFirm-Purc	1,177	1,391	1,140	1,310	1,440
NSG.Vand.CT.4	TranFirm-Purc	1,095	1,393	1,186	1,125	1,289
Orange.Cogen	Cogen	0	0	0	0	0
Orlando.Cogen	Cogen	0	0	0	0	0
Osprey 1.0	Steam-CC	524	469	598	559	221
Osprey 1.1	Steam-CC	164	145	167	138	70
Osprey 1.2	Steam-CC	0	0	0	0	0
OspreyAcq	Steam-CC	0	0	0	0	53
OspreyAcqDF	Steam-CC	0	0	0	0	0
Pasco.County	Renewable	0	0	0	0	0
Pinellas.County	Renewable	0	0	0	0	0
PPA.SERC	TranFirm-Purc	614	318	0	0	0
Seasonal PPA_Summer.1	TranFirm-Purc	0	0	0	0	0
Shady.Hills.1	TranFirm-Purc	840	1,422	1,183	1,354	2
Shady.Hills.2	TranFirm-Purc	979	1,188	959	1,009	2
Shady.Hills.3	TranFirm-Purc	851	956	808	624	19
Solar.3rdParty.Block.1	Renewable	0	0	0	0	0
Solar.3rdParty.Block.2	Renewable	0	0	0	0	0
Solar.3rdParty.Block.3	Renewable	0	0	0	0	0
Solar.3rdParty.Block.4	Renewable	0	0	0	0	0
Solar.DEF.Archer	Renewable	0	0	0	0	0
Solar.DEF.Charlie.Creek	Renewable	0	0	0	0	0
Solar.DEF.Columbia	Renewable	0	0	0	0	0
Solar.DEF.Debary	Renewable	0	0	0	0	0
Solar.DEF.Duette	Renewable	0	0	0	0	0
Solar.DEF.Hamilton	Renewable	0	0	0	0	0
Solar.DEF.Lake.Placid	Renewable	0	0	0	0	0
Solar.DEF.NEW	Renewable	0	0	0	0	0
Solar.DEF.NEW.2	Renewable	0	0	0	0	0
Solar.DEF.NEW.3	Renewable	0	0	0	0	0
Solar.DEF.NEW.4	Renewable	0	0	0	0	0
Solar.DEF.NEW.5	Renewable	0	0	0	0	0
Solar.DEF.Osc.Perry.Suw	Renewable	0	0	0	0	0
Solar.DEF.Santa.Fe	Renewable	0	0	0	0	0
Solar.DEF.St.Pete.Pier	Renewable	0	0	0	0	0
Solar.DEF.Trenton	Renewable	0	0	0	0	0
Solar.DEF.Twin.Rivers	Renewable	0	0	0	0	0

Standby	DSM	0	0	0	0	0
SUWANNEE_P.1	CT	2	3	2	2	7
SUWANNEE_P.2	CT	5	4	3	1	10
SUWANNEE_P.3	CT	4	4	3	3	6
Tigerbay.1	Steam-CC	83	68	45	89	88
U.OF.FL.1	CT	3	3	3	4	4
Voltage.Red	DSM	0	0	0	0	0
WaterHtr_PP	DSM	0	0	0	0	0
Total		13,026	14,759	13,064	13,166	12,722

Group Totals

Station Group	Group Type	2020	2021	2022	2023	2024
Cogen	Total	0	0	0	0	0
CT	Total	1,489	1,329	1,324	965	3,241
DSM	Total	0	0	0	0	0
Renewable	Total	0	0	0	0	0
Steam-CC	Total	1,330	1,307	1,322	1,402	1,198
Steam-Coal	Total	1,576	1,534	1,600	2,033	2,164
Steam-Gas	Total	344	497	695	760	629
Storage	Total	0	0	0	0	0
TranEcon-Purc	Total	0	0	0	0	0
TranEcon-Sale	Total	0	0	0	0	0
TranFirm-Purc	Total	8,287	10,093	8,123	8,006	5,491

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_750MW_LF.mdb									
2025	2026	2027	2028	2029	2030	2031	2032	2033	2034
0	0	0	0	0	0	0	0	0	0
319	259	285	186	301	284	304	292	332	343
422	397	379	296	290	249	258	344	352	498
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
41	44	48	69	46	48	47	60	56	94
0	0	0	0	0	0	0	0	0	0
23	32	3	0	0	0	0	0	0	0
42	94	189	236	190	277	271	268	251	38
14	31	9	0	0	0	0	0	0	0
70	116	180	245	170	271	298	282	277	53
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0
72	56	89	93	67	70	110	82	82	78
0	0	0	0	0	0	0	0	0	0
97	55	61	88	72	102	143	76	76	85
0	0	0	0	0	0	0	0	0	0
1,235	1,020	1,314	1,112	1,402	1,200	1,698	1,079	1,253	619
979	1,599	1,247	1,344	1,533	1,641	1,223	1,337	1,855	994
0	0	0	0	0	0	0	0	0	0
51	133	262	299	211	347	317	378	354	300
23	42	13	0	0	0	0	0	0	0
26	59	18	0	0	0	0	0	0	0
29	58	13	0	0	0	0	0	0	0
27	41	13	0	0	0	0	0	0	0
32	83	10	0	0	0	0	0	0	0
171	268	499	655	509	593	628	644	617	586
146	231	372	486	385	515	598	595	494	403
225	302	519	710	519	621	690	674	665	642
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	1,779	2,602	2,611	3,325	3,902	3,688	3,975	4,351
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0

CONFIDENTIAL

0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	1,851	2,951	3,486	3,422	3,867	3,903
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	2,301	3,163	3,510	3,786
0	0	0	0	0	0	0	0	2,235	3,375
0	0	0	0	0	0	0	0	0	2,255
0	0	0	0	0	0	0	0	0	2,017
0	0	0	0	0	0	0	0	0	1,822
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	22
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
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0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
213	210	160	195	170	280	196	221	240	252
129	92	119	108	189	118	66	171	87	179
194	180	213	272	238	177	154	274	271	248
18	27	25	26	26	51	44	44	41	45
9	21	38	49	36	62	59	55	54	8
155	230	435	559	449	599	641	563	607	443
192	486	904	1,123	799	1,377	1,149	1,167	1,171	877
329	416	756	942	700	874	914	830	885	815
275	462	757	917	757	840	864	922	894	784
290	345	661	853	696	799	819	829	837	743
1	1	12	26	17	29	28	31	27	2
7	11	23	49	38	60	55	54	53	8
10	16	33	56	43	68	65	66	62	9
4	2	10	28	26	41	40	37	35	3

CONFIDENTIAL

14	27	48	62	49	75	76	72	69	10
108	221	374	459	367	552	597	575	517	368
188	267	475	656	532	636	629	640	629	555
139	263	471	607	480	615	642	565	606	498
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
1,142	2,167	766	0	0	0	0	0	0	0
1,452	2,497	787	0	0	0	0	0	0	0
1,465	2,172	745	0	0	0	0	0	0	0
1,204	1,864	500	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
152	110	149	93	173	156	190	190	203	263
0	0	0	0	0	0	0	0	0	0

CONFIDENTIAL

0	0	0	0	0	0	0	0	0	0
5	8	15	23	17	26	27	27	25	5
13	25	48	53	44	69	66	68	60	9
6	8	16	28	22	26	26	29	26	6
131	91	124	105	133	59	0	0	0	0
3	2	2	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
11,932	17,142	15,968	15,710	16,160	20,085	23,622	23,816	27,650	32,395

2025	**2026**	**2027**	**2028**	**2029**	**2030**	**2031**	**2032**	**2033**	**2034**
0	0	0	0	0	0	0	0	0	0
2,667	4,302	8,956	11,722	11,519	15,648	19,187	19,646	22,804	28,675
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
1,047	865	990	1,050	1,116	1,062	951	1,117	1,056	1,266
2,214	2,620	2,561	2,456	2,934	2,842	2,921	2,417	3,107	1,613
741	656	664	481	591	533	562	636	683	840
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
5,263	8,699	2,798	0	0	0	0	0	0	0

CONFIDENTIAL

2035	2036	2037	2038	2039	2040	2041	2042	2043	2044
0	0	0	0	0	0	0	0	0	0
430	407	505	501	567	551	587	318	0	0
521	585	638	623	522	704	616	393	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
131	121	155	249	162	170	125	176	350	402
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
88	130	129	97	144	94	97	158	118	113
0	0	0	0	0	0	0	0	0	0
87	81	143	90	151	131	113	100	109	113
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
298	54	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
483	80	0	0	0	0	0	0	0	0
359	68	0	0	0	0	0	0	0	0
550	95	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
4,129	4,545	5,080	4,876	5,788	6,002	6,421	6,897	6,355	6,499
0	0	0	2,015	2,695	2,669	3,015	2,859	2,838	3,034
0	0	0	0	0	1,996	2,611	2,442	2,504	2,781

CONFIDENTIAL

0	0	0	0	0	0	0	0	0	1,986
0	0	0	0	0	0	0	0	0	1,736
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
3,808	4,229	4,690	4,506	5,591	5,457	5,567	6,010	5,600	6,082
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
3,648	3,997	4,561	4,232	5,324	4,929	5,429	5,396	4,983	5,499
3,453	3,573	3,957	3,881	4,970	4,616	4,836	4,991	4,784	5,018
3,140	3,275	3,832	3,618	4,502	4,331	4,538	4,436	4,336	4,586
2,800	3,056	3,503	3,338	4,109	3,828	4,235	4,207	4,005	4,191
2,437	2,685	3,231	3,235	3,856	3,395	3,866	3,763	3,909	3,775
0	2,155	2,692	2,942	3,431	3,138	3,651	3,393	3,473	3,571
0	0	0	2,225	3,057	2,842	3,307	3,126	3,154	3,469
34	34	39	40	50	42	44	48	63	47
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	28	49	44
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
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0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
365	354	209	218	149	247	274	494	954	897
208	257	309	341	167	242	261	359	475	536
362	348	353	411	326	382	396	396	469	481
34	50	54	37	90	60	43	54	96	57
0	0	0	0	0	0	0	0	0	0
423	531	525	102	0	0	0	0	0	0
999	1,465	1,452	1,318	1,865	1,624	1,743	1,644	1,810	287
714	827	822	635	821	588	737	972	1,181	802
770	843	791	669	847	618	787	991	1,221	1,109
608	714	732	519	675	491	622	641	690	641
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0

CONFIDENTIAL

0	0	0	0	0	0	0	0	0	0
312	416	475	82	0	0	0	0	0	0
496	538	556	109	0	0	0	0	0	0
463	542	562	84	0	0	0	0	0	0
0	0	0	0

0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
32,547	36,534	40,543	41,632	50,298	49,655	54,518	54,995	54,314	58,774

2035	2036	2037	2038	2039	2040	2041	2042	2043	2044
0	0	0	0	0	0	0	0	0	0
29,890	33,688	37,462	38,385	47,533	46,523	51,364	51,766	50,843	55,066
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
1,707	1,853	1,938	2,122	1,676	1,877	1,951	2,518	3,471	3,708
0	0	0	0	0	0	0	0	0	0
951	992	1,143	1,124	1,089	1,255	1,203	711	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0

CONFIDENTIAL

2045	2046	2047	2048	2049	2050	2051	2052	2053	2054
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
405	402	483	358	412	409	398	322	419	374
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
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0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
163	122	114	174	175	127	180	123	191	203
0	0	0	0	0	0	0	0	0	0
163	113	123	192	126	137	248	133	147	140
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
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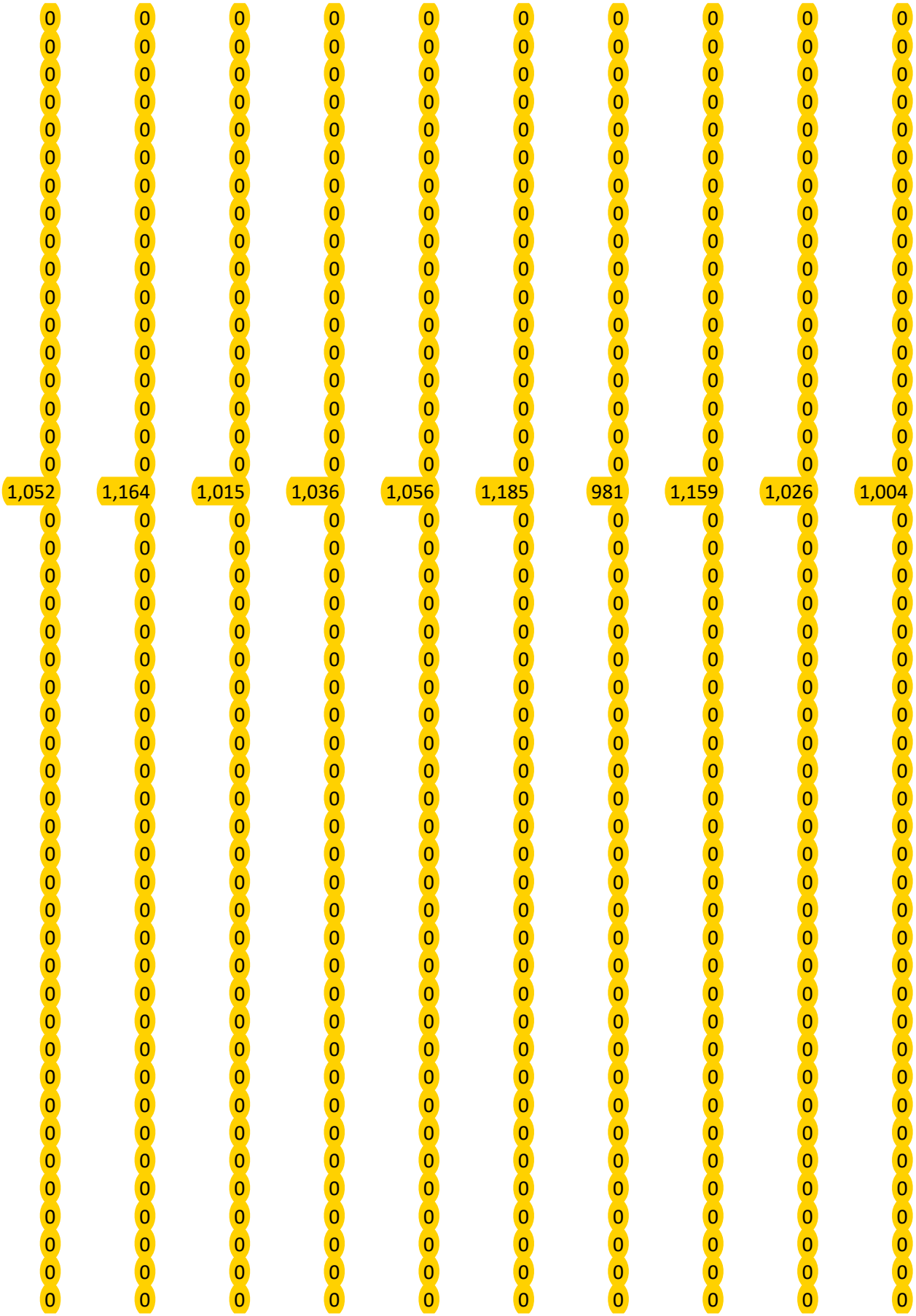
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
6,962	7,223	7,190	8,284	7,479	7,985	8,213	7,769	7,349	7,366
3,180	3,708	3,666	3,876	3,903	4,048	4,119	4,143	4,189	4,460
2,974	3,283	3,466	3,470	3,711	3,705	3,618	3,772	3,809	4,137

CONFIDENTIAL

2,803	3,124	3,110	3,105	3,087	3,351	3,307	3,367	3,678	3,707
2,347	2,699	2,864	2,761	2,686	3,101	2,703	3,153	3,170	3,411
1,733	2,248	2,465	2,278	2,393	2,758	2,659	2,913	2,705	3,037
0	1,628	1,956	2,026	2,097	2,344	2,285	2,462	2,428	2,721
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
6,370	6,444	7,034	7,269	7,287	7,449	7,514	7,259	7,206	6,821
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
5,718	6,129	6,519	7,007	6,575	6,849	6,903	6,594	6,629	6,447
5,120	5,529	5,827	6,441	6,066	6,438	6,357	5,945	6,155	6,104
4,848	5,126	5,527	5,773	5,462	5,909	6,002	5,742	6,071	5,630
4,623	4,614	5,185	5,582	5,413	5,437	5,592	5,292	5,590	5,362
4,360	4,250	4,746	4,983	4,869	5,144	5,200	4,838	5,501	5,339
3,905	4,046	4,360	4,697	4,325	4,726	4,896	4,567	5,201	4,889
3,591	3,832	3,911	4,244	4,206	4,452	4,731	4,365	4,558	4,862
57	55	51	68	53	61	66	68	71	59
0	0	0	0	0	0	0	0	0	0
46	47	48	53	53	61	55	60	66	54
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
1,115	693	942	769	855	860	646	942	826	531
567	504	488	520	687	563	551	677	540	703
572	498	539	440	611	510	486	641	624	667
88	50	92	63	68	64	90	96	49	126
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
318	0	0	0	0	0	0	0	0	0
159	0	0	0	0	0	0	0	0	0
88	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0

CONFIDENTIAL



0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
63,327	67,531	71,720	75,468	73,658	77,673	77,799	76,402	78,197	78,156

2045	2046	2047	2048	2049	2050	2051	2052	2053	2054
0	0	0	0	0	0	0	0	0	0
59,099	63,882	67,825	71,796	69,562	73,696	74,098	72,181	74,238	74,294
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
4,229	3,649	3,895	3,672	4,096	3,977	3,701	4,221	3,959	3,862
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0

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Total Cost ($000)

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Station	Unit Type	2020	2021	2022	2023	2024
AC	DSM	0	0	0	0	0
Anclote.1	Steam-Gas	9,872	11,707	14,659	13,368	15,255
Anclote.2	Steam-Gas	12,076	14,290	14,360	16,064	15,719
As.Avail	Cogen	36	36	37	38	39
As.Avail.PCS	Renewable	2,137	2,162	2,199	2,231	2,321
AVON.PK_P.1	CT	540	0	0	0	0
AVON.PK_P.2	CT	149	0	0	0	0
Bartow CC.1.0	Steam-CC	137,899	137,851	143,558	141,267	138,075
Bartow CC.1.PAG	Steam-CC	397	567	301	460	512
BARTOW_P.1	CT	45	89	45	18	125
BARTOW_P.2	CT	94	97	101	15	258
BARTOW_P.3	CT	80	86	72	18	152
BARTOW_P.4	CT	127	134	81	51	288
Battery Cape San Blas	Storage	48	146	176	237	240
Battery Jennings	Storage	79	241	247	242	230
Battery Micanopy	Storage	79	241	247	242	230
Battery Trenton	Storage	79	241	247	242	230
BAYBORO_P.1	CT	401	367	293	81	713
BAYBORO_P.2	CT	11	71	22	6	23
BAYBORO_P.3	CT	254	347	224	81	654
BAYBORO_P.4	CT	331	261	192	60	625
Citrus.CC.1	Steam-CC	100,640	104,421	105,756	110,697	126,038
Citrus.CC.1.Duct	Steam-CC	5,389	5,750	5,415	5,901	6,261
Citrus.CC.2	Steam-CC	109,721	107,533	93,234	109,037	112,495
Citrus.CC.2.Duct	Steam-CC	5,380	5,486	5,429	5,674	5,375
Crystal.4	Steam-Coal	47,303	53,338	42,665	38,625	48,594
Crystal.5	Steam-Coal	48,229	46,279	56,221	51,845	35,100
Dade.County	Renewable	1,788	1,817	1,852	1,911	1,959
DEBARY.10	CT	327	366	292	116	623
DEBARY.2	CT	92	110	71	72	158
DEBARY.3	CT	129	199	114	64	272
DEBARY.4	CT	110	148	77	43	180
DEBARY.5	CT	99	137	94	61	231
DEBARY.6	CT	106	167	111	44	322
DEBARY.7	CT	418	278	334	195	820
DEBARY.8	CT	235	230	156	103	543
DEBARY.9	CT	431	380	324	188	910
EconPurch	TranEcon-Purc	0	0	0	0	0
EconSale	TranEcon-Sale	0	0	0	0	0
Gen.190MW.CT.1	CT	0	0	0	0	0
Gen.190MW.CT.10	CT	0	0	0	0	0
Gen.190MW.CT.11	CT	0	0	0	0	0

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Gen.190MW.CT.12	CT	0	0	0	0	0
Gen.190MW.CT.13	CT	0	0	0	0	0
Gen.190MW.CT.14	CT	0	0	0	0	0
Gen.190MW.CT.15	CT	0	0	0	0	0
Gen.190MW.CT.16	CT	0	0	0	0	0
Gen.190MW.CT.17	CT	0	0	0	0	0
Gen.190MW.CT.18	CT	0	0	0	0	0
Gen.190MW.CT.19	CT	0	0	0	0	0
Gen.190MW.CT.2	CT	0	0	0	0	0
Gen.190MW.CT.20	CT	0	0	0	0	0
Gen.190MW.CT.21	CT	0	0	0	0	0
Gen.190MW.CT.3	CT	0	0	0	0	0
Gen.190MW.CT.4	CT	0	0	0	0	0
Gen.190MW.CT.5	CT	0	0	0	0	0
Gen.190MW.CT.6	CT	0	0	0	0	0
Gen.190MW.CT.7	CT	0	0	0	0	0
Gen.190MW.CT.8	CT	0	0	0	0	0
Gen.190MW.CT.9	CT	0	0	0	0	0
Gen.2x1.CC.J.1	Steam-CC	0	0	0	0	0
Gen.2x1.CC.J.1.Duct	Steam-CC	0	0	0	0	0
Gen.2x1.CC.J.2	Steam-CC	0	0	0	0	0
Gen.2x1.CC.J.2.Duct	Steam-CC	0	0	0	0	0
Gen.2x1.CC.J.3	Steam-CC	0	0	0	0	0
Gen.2x1.CC.J.3.Duct	Steam-CC	0	0	0	0	0
Gen.2x1.CC.J.4	Steam-CC	0	0	0	0	0
Gen.2x1.CC.J.4.Duct	Steam-CC	0	0	0	0	0
Gen.2x1.CC.J.5	Steam-CC	0	0	0	0	0
Gen.2x1.CC.J.5.Duct	Steam-CC	0	0	0	0	0
Gen.2x1.CC.J.6	Steam-CC	0	0	0	0	0
Gen.2x1.CC.J.6.Duct	Steam-CC	0	0	0	0	0
Gen.2x1.CC.J.7	Steam-CC	0	0	0	0	0
Gen.2x1.CC.J.7.Duct	Steam-CC	0	0	0	0	0
HEAT	DSM	0	0	0	0	0
Hines.CC.1	Steam-CC	49,646	57,898	62,391	56,159	57,876
Hines.CC.2	Steam-CC	45,408	50,407	53,757	53,027	49,097
Hines.CC.3	Steam-CC	51,603	54,811	54,740	55,631	58,762
Hines.CC.4	Steam-CC	70,566	61,011	70,294	65,702	63,736
INT.CITY.1	CT	167	242	168	57	416
INT.CITY.10	CT	297	264	230	143	593
INT.CITY.11	CT	692	717	588	249	1,218
INT.CITY.12	CT	721	748	613	574	1,416
INT.CITY.13	CT	883	861	793	650	1,604
INT.CITY.14	CT	628	625	532	468	1,239
INT.CITY.2	CT	43	103	64	22	133
INT.CITY.3	CT	145	238	117	64	243
INT.CITY.4	CT	225	271	167	78	406
INT.CITY.5	CT	58	125	70	28	176

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INT.CITY.6	CT	314	315	219	90	593
INT.CITY.7	CT	263	173	178	99	487
INT.CITY.8	CT	341	327	301	146	739
INT.CITY.9	CT	331	281	260	173	669
INTER	DSM	0	0	0	0	0
Lake.County	Renewable	144	145	147	151	78
LEE.County.Res	Renewable	2,816	2,879	2,903	2,978	3,057
Mulberry	Cogen	114,789	119,546	125,109	130,561	59,414
NSG.Vand.CT.1	TranFirm-Purc	17,406	20,371	19,571	22,092	21,595
NSG.Vand.CT.2	TranFirm-Purc	16,166	18,996	18,662	20,773	20,308
NSG.Vand.CT.3	TranFirm-Purc	15,393	16,335	16,697	18,033	18,351
NSG.Vand.CT.4	TranFirm-Purc	14,612	15,467	15,625	16,440	16,786
Orange.Cogen	Cogen	90,963	94,604	98,658	102,659	107,391
Orlando.Cogen	Cogen	128,388	133,230	138,247	143,132	0
Osprey 1.0	Steam-CC	13,100	12,541	14,175	12,075	3,556
Osprey 1.1	Steam-CC	5,781	4,889	5,467	3,852	2,417
Osprey 1.2	Steam-CC	108	135	115	95	11
OspreyAcq	Steam-CC	0	0	0	0	49,816
OspreyAcqDF	Steam-CC	0	0	0	0	989
Pasco.County	Renewable	32,062	33,717	35,652	37,721	39,998
Pinellas.County	Renewable	75,719	79,776	84,890	89,814	95,235
PPA.SERC	TranFirm-Purc	71,491	21,645	0	0	0
Seasonal PPA_Summer.1	TranFirm-Purc	0	0	0	0	0
Shady.Hills.1	TranFirm-Purc	13,260	14,678	14,042	13,769	2,222
Shady.Hills.2	TranFirm-Purc	13,071	13,052	13,015	12,450	2,217
Shady.Hills.3	TranFirm-Purc	12,303	12,026	11,931	11,301	2,235
Solar.3rdParty.Block.1	Renewable	206	3,668	9,949	10,152	10,714
Solar.3rdParty.Block.2	Renewable	0	0	426	7,240	14,333
Solar.3rdParty.Block.3	Renewable	0	0	0	0	460
Solar.3rdParty.Block.4	Renewable	0	0	0	0	0
Solar.DEF.Archer	Renewable	0	0	508	516	528
Solar.DEF.Charlie.Creek	Renewable	0	0	525	530	541
Solar.DEF.Columbia	Renewable	543	790	819	828	848
Solar.DEF.Debary	Renewable	526	889	911	931	956
Solar.DEF.Duette	Renewable	0	0	625	634	649
Solar.DEF.Hamilton	Renewable	1,106	1,130	1,154	1,179	1,266
Solar.DEF.Lake.Placid	Renewable	575	583	596	610	629
Solar.DEF.NEW	Renewable	0	0	1,228	1,246	1,274
Solar.DEF.NEW.2	Renewable	0	0	0	2,494	2,531
Solar.DEF.NEW.3	Renewable	0	0	0	0	2,536
Solar.DEF.NEW.4	Renewable	0	0	0	0	0
Solar.DEF.NEW.5	Renewable	0	0	0	0	0
Solar.DEF.Osc.Perry.Suw	Renewable	0	0	0	0	0
Solar.DEF.Santa.Fe	Renewable	0	1,027	1,046	1,073	1,095
Solar.DEF.St.Pete.Pier	Renewable	0	0	0	0	0
Solar.DEF.Trenton	Renewable	1,009	1,027	1,055	1,075	1,105
Solar.DEF.Twin.Rivers	Renewable	0	940	957	983	1,002

Standby	DSM	0	0	0	0	0
SUWANNEE_P.1	CT	122	141	91	68	293
SUWANNEE_P.2	CT	267	247	109	35	311
SUWANNEE_P.3	CT	161	145	125	97	255
Tigerbay.1	Steam-CC	27,501	29,752	35,202	34,499	24,009
U.OF.FL.1	CT	9,373	9,168	10,589	9,965	10,892
Voltage.Red	DSM	0	0	0	0	0
WaterHtr_PP	DSM	0	0	0	0	0
Total		1,386,426	1,388,526	1,415,508	1,444,707	1,276,871

Group Totals

Station Group	Group Type	2020	2021	2022	2023	2024
Cogen	Total	334,176	347,416	362,051	376,390	166,845
CT	Total	19,013	18,458	17,818	14,223	28,578
DSM	Total	0	0	0	0	0
Renewable	Total	118,631	130,550	147,443	164,296	183,113
Steam-CC	Total	623,138	633,051	649,832	654,075	699,025
Steam-Coal	Total	95,532	99,617	98,886	90,470	83,693
Steam-Gas	Total	21,949	25,997	29,019	29,432	30,974
Storage	Total	286	868	918	962	929
TranEcon-Purc	Total	0	0	0	0	0
TranEcon-Sale	Total	0	0	0	0	0
TranFirm-Purc	Total	173,701	132,570	109,542	114,858	83,714

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2025	2026	2027	2028	2029	2030	2031	2032	2033	2034
0	0	0	0	0	0	0	0	0	0
19,712	26,657	31,165	39,172	43,355	46,354	62,139	62,001	65,539	49,749
23,577	26,507	34,814	47,028	46,830	59,446	61,353	69,786	68,019	54,698
49	57	68	79	90	100	111	117	122	123
3,060	3,776	4,639	5,508	6,267	7,089	7,702	8,399	8,824	9,164
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
156,749	177,400	207,395	218,829	259,304	285,158	316,363	318,356	332,138	326,421
1,126	1,401	2,030	2,364	2,569	3,285	3,626	3,254	3,328	1,140
152	258	33	0	0	0	0	0	0	0
158	391	878	1,243	1,084	1,688	1,523	1,736	1,572	228
101	284	58	0	0	0	0	0	0	0
306	559	1,036	1,552	1,185	2,026	2,128	2,291	2,156	342
244	249	253	257	261	266	270	240	174	205
231	232	234	236	237	239	241	236	225	236
231	232	234	236	237	239	241	236	225	236
231	232	234	236	237	239	241	236	225	236
649	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0
585	0	0	0	0	0	0	0	0	0
418	0	0	0	0	0	0	0	0	0
129,855	151,440	173,173	185,124	216,462	232,065	243,626	266,239	273,573	285,528
6,604	7,424	8,309	9,598	10,632	11,872	13,429	13,681	14,263	12,896
127,502	147,467	168,196	180,755	209,985	226,317	237,369	258,853	267,401	285,820
6,139	6,928	8,065	9,160	9,849	11,104	12,631	12,796	13,401	11,442
56,403	57,266	73,419	82,876	92,939	91,472	107,778	95,772	104,374	27,184
51,339	64,840	70,756	96,510	96,643	112,332	109,513	110,554	95,990	28,604
2,611	3,178	3,902	4,632	5,295	5,882	6,501	7,071	7,496	7,713
491	1,287	2,580	3,525	2,633	4,138	3,421	4,679	4,019	2,982
155	295	91	0	0	0	0	0	0	0
211	539	126	0	0	0	0	0	0	0
215	480	74	0	0	0	0	0	0	0
192	367	91	0	0	0	0	0	0	0
233	611	82	0	0	0	0	0	0	0
763	1,254	2,545	3,712	3,001	4,228	4,102	4,693	4,449	3,272
578	1,008	1,886	2,805	2,305	3,465	3,723	4,193	3,539	2,374
887	1,398	2,763	3,969	3,107	4,531	4,439	4,805	4,775	3,526
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	18,179	27,984	28,731	36,350	40,076	42,222	44,838	40,501
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0

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0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	19,253	30,562	33,913	36,375	38,953	34,623
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	23,004	30,732	33,422	30,863
0	0	0	0	0	0	0	0	22,757	24,879
0	0	0	0	0	0	0	0	0	16,160
0	0	0	0	0	0	0	0	0	13,716
0	0	0	0	0	0	0	0	0	11,612
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	243,143
0	0	0	0	0	0	0	0	0	23,131
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
57,988	63,856	81,726	94,155	99,989	114,722	118,017	134,613	141,360	114,982
55,792	67,947	80,608	93,935	101,890	103,678	127,457	131,620	137,335	124,796
61,463	68,367	82,810	98,009	106,624	120,668	122,076	135,605	145,595	137,913
81,119	84,060	98,321	122,770	133,802	134,503	148,021	170,666	178,231	158,604
324	759	1,432	2,300	1,852	2,882	2,614	2,841	2,659	255
577	944	2,021	2,923	2,404	3,737	3,737	3,752	3,986	2,414
1,122	2,420	4,878	6,749	5,311	8,533	6,743	7,836	7,431	5,202
1,404	2,085	4,410	6,042	4,775	6,817	6,666	6,805	7,068	5,141
1,254	2,341	4,662	6,172	5,317	6,964	6,702	7,652	7,251	5,094
1,246	1,758	3,901	5,491	4,577	6,420	6,023	6,702	6,510	4,712
70	175	559	1,421	1,081	1,558	1,311	1,884	1,549	117
241	444	996	2,323	1,896	2,948	2,195	2,802	2,577	275
367	624	1,410	2,595	2,116	3,397	3,039	3,352	3,024	253
131	198	483	1,541	1,328	1,971	1,645	2,015	1,772	105

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497	1,087	2,082	3,133	2,583	4,030	3,673	4,033	3,587	391
456	832	1,746	2,424	2,029	3,355	3,368	3,686	3,254	1,909
671	1,107	2,267	3,331	2,857	4,024	3,892	4,192	4,018	2,874
523	1,066	2,211	3,267	2,668	3,881	3,640	3,684	3,913	2,611
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
4,053	4,990	6,095	7,212	8,130	9,303	10,226	11,237	11,686	11,885
0	0	0	0	0	0	0	0	0	0
25,284	25,960	7,371	0	0	0	0	0	0	0
23,564	25,531	7,100	0	0	0	0	0	0	0
20,914	22,676	6,181	0	0	0	0	0	0	0
18,209	20,539	5,349	0	0	0	0	0	0	0
112,695	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
79,873	91,044	95,190	120,562	123,756	142,421	152,089	164,075	169,343	169,513
1,000	1,228	2,611	3,941	3,112	4,694	4,769	5,207	5,163	2,121
8,287	9,515	10,986	12,480	13,753	15,015	16,379	17,555	18,376	18,915
19,761	22,643	26,177	29,825	32,725	35,802	39,036	41,824	43,827	45,107
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
12,727	14,370	17,397	20,694	21,813	23,632	25,680	26,919	27,640	27,308
17,040	19,228	23,206	27,617	29,087	31,568	34,284	36,066	36,957	36,676
9,087	19,237	23,171	27,553	29,051	31,561	34,268	36,138	37,066	36,783
0	310	6,139	14,186	22,370	32,258	43,136	46,236	56,306	56,514
541	557	609	623	638	653	672	684	701	717
551	567	630	643	656	670	689	698	712	727
939	950	973	1,009	1,021	1,046	1,084	1,097	1,177	1,164
982	1,003	1,027	1,054	1,081	1,103	1,132	1,157	1,221	1,231
664	685	752	770	788	807	831	845	865	886
1,294	1,323	1,352	1,382	1,413	1,444	1,476	1,562	1,542	1,576
677	693	710	726	748	761	779	797	856	840
1,304	1,344	1,478	1,513	1,548	1,585	1,632	1,660	1,699	1,739
2,589	2,649	2,730	2,999	3,070	3,143	3,217	3,313	3,370	3,449
2,573	2,633	2,694	2,776	3,046	3,119	3,193	3,268	3,365	3,424
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
1,125	1,209	1,234	1,263	1,297	1,328	1,354	1,390	1,419	1,503
0	0	0	0	0	0	0	0	0	0
1,189	1,213	1,242	1,275	1,306	1,332	1,367	1,395	1,479	1,471
1,031	1,111	1,134	1,161	1,193	1,222	1,246	1,280	1,306	1,388

0	0	0	0	0	0	0	0	0	0
253	354	777	1,266	1,087	1,635	1,713	2,008	1,817	251
382	867	1,826	2,441	2,134	3,548	2,908	3,436	2,859	297
286	360	866	1,421	1,211	1,655	1,573	2,163	1,932	295
32,190	44,652	49,710	59,483	54,345	27,883	0	0	0	0
11,378	13,952	13,286	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
1,269,467	1,337,482	1,513,829	1,731,844	1,905,968	2,093,721	2,255,015	2,405,298	2,509,604	2,546,175

2025	2026	2027	2028	2029	2030	2031	2032	2033	2034
112,743	57	68	79	90	100	111	117	122	123
27,300	40,106	80,231	99,629	106,523	154,342	177,772	200,569	225,688	217,272
0	0	0	0	0	0	0	0	0	0
92,085	113,183	138,276	166,899	186,295	210,322	235,883	250,589	267,892	270,180
797,401	913,214	1,058,144	1,198,687	1,332,319	1,418,370	1,499,472	1,614,963	1,681,131	1,897,450
107,741	122,106	144,176	179,386	189,582	203,805	217,292	206,327	200,363	55,787
43,288	53,164	65,980	86,200	90,185	105,800	123,492	131,787	133,558	104,448
937	946	955	964	973	983	993	947	849	914
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
87,971	94,706	26,000	0	0	0	0	0	0	0

CONFIDENTIAL

2035	2036	2037	2038	2039	2040	2041	2042	2043	2044
0	0	0	0	0	0	0	0	0	0
48,490	50,407	60,364	59,495	71,028	67,743	81,563	28,319	0	0
51,315	56,149	63,860	67,416	67,558	74,582	78,067	31,637	0	0
129	146	161	173	193	205	225	234	243	257
9,587	10,832	12,246	13,702	14,904	16,014	17,455	18,371	19,544	20,633
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
321,846	345,228	361,200	418,834	424,808	482,889	501,499	485,339	455,214	479,653
882	869	1,028	1,073	1,231	1,151	1,697	2,128	1,844	2,076
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
266	270	275	280	285	290	295	300	305	310
255	260	265	270	275	280	285	290	295	301
255	260	265	270	275	280	285	290	295	301
255	260	265	270	275	280	285	290	295	301
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
278,917	299,360	321,295	358,509	358,986	409,697	422,541	412,542	418,752	448,325
12,748	14,870	16,206	17,444	18,670	21,667	21,575	18,496	21,146	23,187
280,786	300,051	324,337	360,064	363,823	432,022	451,455	457,048	453,505	478,016
11,617	12,912	14,758	15,552	16,265	17,635	18,417	14,416	16,071	17,480
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
8,084	9,203	10,450	11,458	12,419	13,627	14,792	15,541	16,459	17,560
3,232	514	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
2,867	423	0	0	0	0	0	0	0	0
2,135	416	0	0	0	0	0	0	0	0
3,272	535	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
39,038	44,771	52,223	54,299	69,541	68,924	77,976	65,941	61,544	69,270
0	0	0	11,949	17,604	18,487	22,716	18,900	18,677	22,265
0	0	0	0	0	12,775	18,723	15,474	15,740	19,110

CONFIDENTIAL

0	0	0	0	0	0	0	0	0	13,464
0	0	0	0	0	0	0	0	0	11,108
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
33,783	40,143	47,008	50,011	60,790	59,474	68,917	57,817	54,257	62,735
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
30,030	34,664	40,588	42,586	54,062	51,437	62,087	50,846	47,244	54,934
25,366	29,524	34,722	37,564	47,241	45,579	53,964	43,189	42,640	49,803
21,646	25,711	30,383	32,886	41,582	39,861	48,270	38,185	37,567	43,030
18,038	21,617	25,188	28,989	34,987	33,725	40,733	34,579	32,660	37,981
15,442	18,369	22,618	25,232	31,077	29,733	36,173	29,976	30,048	32,944
0	13,297	18,304	21,537	25,651	25,799	31,685	25,804	25,603	29,594
0	0	0	14,608	21,398	21,616	26,161	21,731	22,146	26,773
429,826	461,528	506,348	547,074	581,567	619,108	658,270	687,457	694,788	738,319
30,708	33,937	39,889	41,144	50,245	53,360	58,688	69,572	79,305	84,655
0	0	0	0	0	0	0	413,142	724,895	764,811
0	0	0	0	0	0	0	46,806	64,918	72,449
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
120,986	130,842	150,997	159,656	180,297	184,796	195,142	191,005	170,516	163,794
114,736	129,699	146,352	154,401	177,915	167,683	203,057	167,343	170,322	179,647
133,271	139,329	160,842	173,246	196,393	204,809	207,741	197,213	184,934	190,925
154,309	175,214	199,283	213,885	227,643	237,914	267,621	230,766	216,274	250,215
0	0	0	0	0	0	0	0	0	0
2,363	2,924	3,128	664	0	0	0	0	0	0
6,174	8,570	9,304	8,509	11,756	9,537	11,284	9,331	11,497	1,865
4,561	5,135	5,554	4,319	5,621	4,192	5,619	6,142	7,246	5,197
5,004	5,403	5,979	4,661	6,090	4,405	5,998	6,495	7,653	7,178
4,072	4,422	5,340	3,740	4,832	3,527	4,697	4,505	4,887	4,468
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0

CONFIDENTIAL

0	0	0	0	0	0	0	0	0	0
1,691	2,242	2,802	539	0	0	0	0	0	0
2,779	3,067	3,477	682	0	0	0	0	0	0
2,570	2,967	3,461	540	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
12,761	14,249	16,106	18,168	19,720	21,300	23,047	24,281	25,650	27,545
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
163,911	162,247	192,477	207,563	225,173	241,030	255,524	235,402	214,301	239,986
2,303	2,149	2,904	2,841	3,768	3,450	4,349	4,108	4,661	4,567
19,850	21,923	24,420	26,715	28,977	31,258	33,529	35,330	37,174	39,537
47,332	52,269	58,131	63,720	69,025	74,566	79,951	84,221	88,608	94,298
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
27,820	29,778	33,014	34,993	37,158	38,065	38,783	39,483	40,130	41,030
37,341	39,878	44,304	47,065	49,964	51,095	52,015	53,043	54,034	55,195
37,479	40,080	44,498	47,336	50,204	51,323	52,220	53,258	54,317	55,511
66,913	72,221	91,171	97,799	116,322	119,765	135,045	138,622	155,231	159,629
766	755	769	787	806	825	849	865	886	908
784	761	772	788	804	820	842	854	872	890
1,179	1,208	1,251	1,268	1,299	1,345	1,364	1,398	1,448	1,469
1,243	1,270	1,304	1,333	1,368	1,402	1,433	1,466	1,506	1,544
949	933	950	972	995	1,019	1,048	1,068	1,094	1,120
1,611	1,647	1,684	1,722	1,761	1,801	1,842	1,884	1,927	1,971
854	874	895	916	942	960	982	1,006	1,030	1,060
1,865	1,831	1,864	1,908	1,953	1,999	2,056	2,095	2,145	2,196
3,530	3,783	3,718	3,785	3,874	3,965	4,059	4,176	4,255	4,356
3,504	3,587	3,841	3,777	3,846	3,937	4,030	4,125	4,243	4,324
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
1,496	1,521	1,557	1,598	1,632	1,676	1,715	1,751	1,793	1,841
0	0	0	0	0	0	0	0	0	0
1,497	1,532	1,573	1,606	1,649	1,688	1,723	1,765	1,812	1,856
1,379	1,402	1,435	1,474	1,505	1,546	1,583	1,617	1,656	1,701

0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
2,669,697	2,892,241	3,229,401	3,525,665	3,820,032	4,089,939	4,413,947	4,609,277	4,828,102	5,167,467

2035	2036	2037	2038	2039	2040	2041	2042	2043	2044
129	146	161	173	193	205	225	234	243	257
224,063	264,716	310,078	343,316	432,232	429,073	515,005	428,915	419,410	491,720
0	0	0	0	0	0	0	0	0	0
287,824	311,537	355,952	382,891	421,127	439,997	470,363	486,219	515,811	536,174
2,056,844	2,208,236	2,437,917	2,671,285	2,826,786	3,077,211	3,267,575	3,632,783	3,891,446	4,138,102
0	0	0	0	0	0	0	0	0	0
99,805	106,556	124,224	126,911	138,585	142,325	159,630	59,957	0	0
1,032	1,051	1,070	1,089	1,109	1,129	1,149	1,170	1,191	1,213
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0

CONFIDENTIAL

2045	2046	2047	2048	2049	2050	2051	2052	2053	2054
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
271	287	302	319	331	344	358	377	391	410
21,959	23,340	24,528	25,859	26,819	28,080	29,771	30,760	31,963	33,543
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
526,108	561,134	576,631	570,196	625,156	651,009	688,357	693,738	725,338	780,153
2,522	2,754	2,544	2,582	3,049	3,086	3,783	3,944	4,214	5,035
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
215	0	0	0	0	0	0	0	0	0
208	0	0	0	0	0	0	0	0	0
208	0	0	0	0	0	0	0	0	0
208	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
463,891	503,026	522,872	527,413	559,377	585,678	596,922	646,360	673,440	723,126
22,468	26,423	27,165	27,874	28,294	31,987	31,541	34,111	36,325	39,058
490,570	535,521	551,416	555,123	595,056	621,183	628,637	685,227	713,547	742,517
16,831	20,087	19,634	19,647	20,815	22,986	23,098	24,562	26,532	28,712
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
18,491	19,695	20,723	21,770	22,755	23,732	25,052	26,071	26,982	28,156
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
75,207	81,649	86,081	92,888	91,620	98,832	106,082	106,012	112,084	123,221
24,469	28,487	29,718	30,196	31,645	34,114	35,391	38,730	39,785	46,761
21,051	23,897	26,073	26,271	27,691	30,120	32,009	32,261	34,568	41,169

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18,945	21,333	21,919	21,822	23,147	25,216	27,434	28,240	30,205	35,655
15,288	17,635	18,589	19,032	19,718	22,264	23,676	25,013	25,685	30,999
10,746	14,043	15,237	15,924	16,524	18,526	20,906	21,422	21,208	26,348
0	9,886	12,235	13,423	13,847	15,056	17,537	16,991	17,798	22,599
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
67,620	73,786	76,843	80,017	83,356	89,741	96,042	96,801	100,266	109,454
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
59,771	63,872	66,427	74,725	72,835	78,227	85,927	85,986	91,745	99,450
52,573	58,400	60,608	65,119	64,637	70,836	76,043	75,453	79,286	87,883
48,266	52,347	55,019	57,653	55,169	62,933	68,804	68,334	75,066	79,293
42,766	45,980	48,900	51,539	53,403	55,132	60,968	61,011	65,024	72,245
38,637	41,053	43,602	45,997	46,796	49,312	52,253	52,508	58,986	66,443
33,262	35,977	37,519	40,519	40,165	43,107	46,456	48,653	52,624	56,442
28,887	32,630	33,983	35,393	36,172	38,928	43,000	43,700	45,342	51,728
774,890	813,849	844,504	885,792	906,368	948,601	989,418	1,037,552	1,083,586	1,128,861
90,281	100,017	104,157	116,367	112,014	119,429	125,349	131,328	139,293	141,413
809,035	849,225	878,500	919,712	945,638	983,632	1,028,695	1,073,469	1,114,650	1,156,909
76,649	80,633	84,599	95,008	90,811	100,926	109,788	111,263	113,909	119,704
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
192,979	198,566	221,743	242,809	239,415	257,236	245,412	282,361	297,380	283,383
186,354	209,033	210,386	225,691	228,998	220,622	264,083	262,937	277,638	284,476
214,470	218,799	238,186	243,146	247,756	258,567	250,438	284,986	294,077	317,149
268,028	268,099	277,971	311,629	315,988	300,158	322,775	366,329	382,864	371,462
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
1,602	0	0	0	0	0	0	0	0	0
1,003	0	0	0	0	0	0	0	0	0
508	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0

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0	0	0	0	0	0	0	0	0	0
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0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
29,047	30,851	32,437	34,215	35,670	37,205	39,203	40,668	42,417	43,920
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
261,692	273,688	270,015	296,954	280,158	312,392	330,313	341,446	360,515	384,081
4,992	3,551	4,340	4,295	4,156	5,428	7,596	5,648	7,135	7,921
41,904	44,176	46,242	48,499	50,424	52,343	54,461	56,694	58,622	60,688
99,775	105,276	110,250	115,597	120,213	124,818	129,894	135,109	139,774	144,633
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
41,410	42,312	43,281	44,301	44,531	46,120	47,246	48,307	49,157	50,134
56,024	57,188	58,328	59,680	60,505	62,028	63,292	64,738	65,832	67,142
56,458	57,618	58,731	60,062	61,067	62,303	63,540	64,994	66,092	67,405
176,976	181,478	200,377	205,879	225,415	230,982	252,444	259,360	281,467	288,263
929	956	976	999	1,024	1,049	1,078	0	0	0
909	933	947	967	988	1,009	1,035	0	0	0
1,506	1,559	1,584	1,624	1,681	381	0	0	0	0
1,578	1,620	1,657	1,697	1,743	585	0	0	0	0
1,147	1,180	1,204	1,233	1,263	1,294	1,331	0	0	0
2,016	2,063	2,111	2,160	0	0	0	0	0	0
1,080	1,106	1,133	1,160	1,095	0	0	0	0	0
2,249	2,313	2,359	2,416	2,475	2,535	2,607	0	0	0
4,461	4,568	4,698	4,792	4,908	5,028	5,150	5,297	0	0
4,427	4,534	4,643	4,775	4,871	4,989	5,111	5,236	5,384	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
1,885	1,926	1,977	2,020	2,069	2,130	0	0	0	0
0	0	0	0	0	0	0	0	0	0
1,896	1,947	1,989	2,038	1,923	0	0	0	0	0
1,743	1,781	1,829	1,869	1,915	1,973	0	0	0	0

0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
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0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
5,511,340	5,854,088	6,089,723	6,358,688	6,553,456	6,844,195	7,160,307	7,523,983	7,868,197	8,247,944

2045	**2046**	**2047**	**2048**	**2049**	**2050**	**2051**	**2052**	**2053**	**2054**
271	287	302	319	331	344	358	377	391	410
540,600	600,974	632,754	670,517	676,725	732,345	792,528	801,113	849,672	949,691
0	0	0	0	0	0	0	0	0	0
567,871	588,420	622,003	643,613	673,353	688,585	721,216	737,233	767,689	783,885
4,401,760	4,664,406	4,834,664	5,044,238	5,203,048	5,422,921	5,646,205	5,985,261	6,250,445	6,513,959
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
839	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0

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Station	Unit Type	2020	2021	2022	2023	2024
AC	DSM	0	0	0	0	0
Anclote.1	Steam-Gas	548	653	804	724	834
Anclote.2	Steam-Gas	609	740	721	800	772
As.Avail	Cogen	0	0	0	0	0
As.Avail.PCS	Renewable	0	0	0	0	0
AVON.PK_P.1	CT	78	0	0	0	0
AVON.PK_P.2	CT	4	0	0	0	0
Bartow CC.1.0	Steam-CC	14,664	14,824	15,349	15,036	14,389
Bartow CC.1.PAG	Steam-CC	35	51	26	40	43
BARTOW_P.1	CT	0	0	0	0	0
BARTOW_P.2	CT	0	0	0	0	0
BARTOW_P.3	CT	0	0	0	0	0
BARTOW_P.4	CT	0	0	0	0	0
Battery Cape San Blas	Storage	0	0	0	0	0
Battery Jennings	Storage	0	0	0	0	0
Battery Micanopy	Storage	0	0	0	0	0
Battery Trenton	Storage	0	0	0	0	0
BAYBORO_P.1	CT	14	13	10	3	25
BAYBORO_P.2	CT	0	2	1	0	1
BAYBORO_P.3	CT	9	12	8	3	24
BAYBORO_P.4	CT	12	9	7	2	23
Citrus.CC.1	Steam-CC	6,940	7,305	7,380	7,743	8,677
Citrus.CC.1.Duct	Steam-CC	341	372	347	381	395
Citrus.CC.2	Steam-CC	7,560	7,500	6,529	7,596	7,703
Citrus.CC.2.Duct	Steam-CC	344	358	354	368	342
Crystal.4	Steam-Coal	2,258	2,563	1,986	1,707	2,100
Crystal.5	Steam-Coal	2,351	2,254	2,666	2,304	1,537
Dade.County	Renewable	0	0	0	0	0
DEBARY.10	CT	0	0	0	0	0
DEBARY.2	CT	0	0	0	0	0
DEBARY.3	CT	0	0	0	0	0
DEBARY.4	CT	0	0	0	0	0
DEBARY.5	CT	0	0	0	0	0
DEBARY.6	CT	0	0	0	0	0
DEBARY.7	CT	0	0	0	0	0
DEBARY.8	CT	0	0	0	0	0
DEBARY.9	CT	0	0	0	0	0
EconPurch	TranEcon-Purc	0	0	0	0	0
EconSale	TranEcon-Sale	0	0	0	0	0
Gen.190MW.CT.1	CT	0	0	0	0	0
Gen.190MW.CT.10	CT	0	0	0	0	0
Gen.190MW.CT.11	CT	0	0	0	0	0

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Gen.190MW.CT.12	CT	0	0	0	0	0
Gen.190MW.CT.13	CT	0	0	0	0	0
Gen.190MW.CT.14	CT	0	0	0	0	0
Gen.190MW.CT.15	CT	0	0	0	0	0
Gen.190MW.CT.16	CT	0	0	0	0	0
Gen.190MW.CT.17	CT	0	0	0	0	0
Gen.190MW.CT.18	CT	0	0	0	0	0
Gen.190MW.CT.19	CT	0	0	0	0	0
Gen.190MW.CT.2	CT	0	0	0	0	0
Gen.190MW.CT.20	CT	0	0	0	0	0
Gen.190MW.CT.21	CT	0	0	0	0	0
Gen.190MW.CT.3	CT	0	0	0	0	0
Gen.190MW.CT.4	CT	0	0	0	0	0
Gen.190MW.CT.5	CT	0	0	0	0	0
Gen.190MW.CT.6	CT	0	0	0	0	0
Gen.190MW.CT.7	CT	0	0	0	0	0
Gen.190MW.CT.8	CT	0	0	0	0	0
Gen.190MW.CT.9	CT	0	0	0	0	0
Gen.2x1.CC.J.1	Steam-CC	0	0	0	0	0
Gen.2x1.CC.J.1.Duct	Steam-CC	0	0	0	0	0
Gen.2x1.CC.J.2	Steam-CC	0	0	0	0	0
Gen.2x1.CC.J.2.Duct	Steam-CC	0	0	0	0	0
Gen.2x1.CC.J.3	Steam-CC	0	0	0	0	0
Gen.2x1.CC.J.3.Duct	Steam-CC	0	0	0	0	0
Gen.2x1.CC.J.4	Steam-CC	0	0	0	0	0
Gen.2x1.CC.J.4.Duct	Steam-CC	0	0	0	0	0
Gen.2x1.CC.J.5	Steam-CC	0	0	0	0	0
Gen.2x1.CC.J.5.Duct	Steam-CC	0	0	0	0	0
Gen.2x1.CC.J.6	Steam-CC	0	0	0	0	0
Gen.2x1.CC.J.6.Duct	Steam-CC	0	0	0	0	0
Gen.2x1.CC.J.7	Steam-CC	0	0	0	0	0
Gen.2x1.CC.J.7.Duct	Steam-CC	0	0	0	0	0
HEAT	DSM	0	0	0	0	0
Hines.CC.1	Steam-CC	6,678	7,887	8,513	7,556	7,676
Hines.CC.2	Steam-CC	5,584	6,315	6,710	6,560	5,960
Hines.CC.3	Steam-CC	6,739	7,234	7,200	7,239	7,503
Hines.CC.4	Steam-CC	5,520	4,770	5,527	5,095	4,892
INT.CITY.1	CT	5	8	5	2	13
INT.CITY.10	CT	0	0	0	0	0
INT.CITY.11	CT	0	0	0	0	0
INT.CITY.12	CT	0	0	0	0	0
INT.CITY.13	CT	0	0	0	0	0
INT.CITY.14	CT	0	0	0	0	0
INT.CITY.2	CT	1	3	2	1	4
INT.CITY.3	CT	4	8	4	2	8
INT.CITY.4	CT	7	9	5	3	13
INT.CITY.5	CT	2	4	2	1	6

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INT.CITY.6	CT	10	10	7	3	19
INT.CITY.7	CT	0	0	0	0	0
INT.CITY.8	CT	0	0	0	0	0
INT.CITY.9	CT	0	0	0	0	0
INTER	DSM	0	0	0	0	0
Lake.County	Renewable	0	0	0	0	0
LEE.County.Res	Renewable	0	0	0	0	0
Mulberry	Cogen	0	0	0	0	0
NSG.Vand.CT.1	TranFirm-Purc	44	62	58	75	70
NSG.Vand.CT.2	TranFirm-Purc	37	54	52	66	62
NSG.Vand.CT.3	TranFirm-Purc	32	37	41	48	49
NSG.Vand.CT.4	TranFirm-Purc	27	32	33	39	39
Orange.Cogen	Cogen	0	0	0	0	0
Orlando.Cogen	Cogen	0	0	0	0	0
Osprey 1.0	Steam-CC	2,456	2,349	2,579	2,142	604
Osprey 1.1	Steam-CC	1,337	1,129	1,218	845	498
Osprey 1.2	Steam-CC	4	6	5	4	0
OspreyAcq	Steam-CC	0	0	0	0	4,118
OspreyAcqDF	Steam-CC	0	0	0	0	38
Pasco.County	Renewable	0	0	0	0	0
Pinellas.County	Renewable	0	0	0	0	0
PPA.SERC	TranFirm-Purc	3,720	932	0	0	0
Seasonal PPA_Summer.1	TranFirm-Purc	0	0	0	0	0
Shady.Hills.1	TranFirm-Purc	51	64	58	51	1
Shady.Hills.2	TranFirm-Purc	46	44	46	36	1
Shady.Hills.3	TranFirm-Purc	37	32	32	25	1
Solar.3rdParty.Block.1	Renewable	206	3,668	9,949	10,152	10,714
Solar.3rdParty.Block.2	Renewable	0	0	426	7,240	14,333
Solar.3rdParty.Block.3	Renewable	0	0	0	0	460
Solar.3rdParty.Block.4	Renewable	0	0	0	0	0
Solar.DEF.Archer	Renewable	0	0	0	0	0
Solar.DEF.Charlie.Creek	Renewable	0	0	0	0	0
Solar.DEF.Columbia	Renewable	0	0	0	0	0
Solar.DEF.Debary	Renewable	0	0	0	0	0
Solar.DEF.Duette	Renewable	0	0	0	0	0
Solar.DEF.Hamilton	Renewable	0	0	0	0	0
Solar.DEF.Lake.Placid	Renewable	0	0	0	0	0
Solar.DEF.NEW	Renewable	0	0	0	0	0
Solar.DEF.NEW.2	Renewable	0	0	0	0	0
Solar.DEF.NEW.3	Renewable	0	0	0	0	0
Solar.DEF.NEW.4	Renewable	0	0	0	0	0
Solar.DEF.NEW.5	Renewable	0	0	0	0	0
Solar.DEF.Osc.Perry.Suw	Renewable	0	0	0	0	0
Solar.DEF.Santa.Fe	Renewable	0	0	0	0	0
Solar.DEF.St.Pete.Pier	Renewable	0	0	0	0	0
Solar.DEF.Trenton	Renewable	0	0	0	0	0
Solar.DEF.Twin.Rivers	Renewable	0	0	0	0	0

Standby	DSM	0	0	0	0	0
SUWANNEE_P.1	CT	17	20	13	10	41
SUWANNEE_P.2	CT	8	7	3	1	10
SUWANNEE_P.3	CT	23	21	18	13	35
Tigerbay.1	Steam-CC	3,470	3,832	4,485	4,362	2,982
U.OF.FL.1	CT	1,210	1,184	1,381	1,288	1,398
Voltage.Red	DSM	0	0	0	0	0
WaterHtr_PP	DSM	0	0	0	0	0
Total		73,040	76,377	84,560	89,564	98,414

Group Totals

Station Group	Group Type	2020	2021	2022	2023	2024
Cogen	Total	0	0	0	0	0
CT	Total	1,403	1,311	1,466	1,331	1,620
DSM	Total	0	0	0	0	0
Renewable	Total	206	3,668	10,375	17,392	25,508
Steam-CC	Total	61,671	63,930	66,221	64,965	65,820
Steam-Coal	Total	4,609	4,817	4,651	4,011	3,637
Steam-Gas	Total	1,157	1,393	1,526	1,524	1,606
Storage	Total	0	0	0	0	0
TranEcon-Purc	Total	0	0	0	0	0
TranEcon-Sale	Total	0	0	0	0	0
TranFirm-Purc	Total	3,994	1,257	321	341	224

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2025	2026	2027	2028	2029	2030	2031	2032	2033	2034
0	0	0	0	0	0	0	0	0	0
960	1,193	1,265	1,477	1,496	1,551	1,995	1,940	2,028	1,416
1,070	1,101	1,315	1,661	1,523	1,866	1,852	2,041	1,966	1,418
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0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
14,595	14,978	15,794	15,216	16,788	17,662	18,526	18,065	18,734	17,929
84	93	121	128	130	157	166	144	146	50
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
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0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0
7,925	8,367	8,553	8,294	8,981	9,198	9,131	9,677	9,871	9,977
363	366	363	378	390	409	439	437	450	393
7,776	8,138	8,295	8,087	8,700	8,954	8,880	9,396	9,636	9,985
340	344	352	362	365	384	415	411	426	353
1,946	1,736	1,996	2,041	2,122	1,956	2,021	1,703	1,761	436
1,812	1,991	1,955	2,415	2,236	2,429	2,101	1,998	1,634	461
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0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
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0	0	0	0	0	0	0	0	0	0
0	0	368	521	499	601	625	645	677	549
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0	0	0	0	0	0	0	0	0	0

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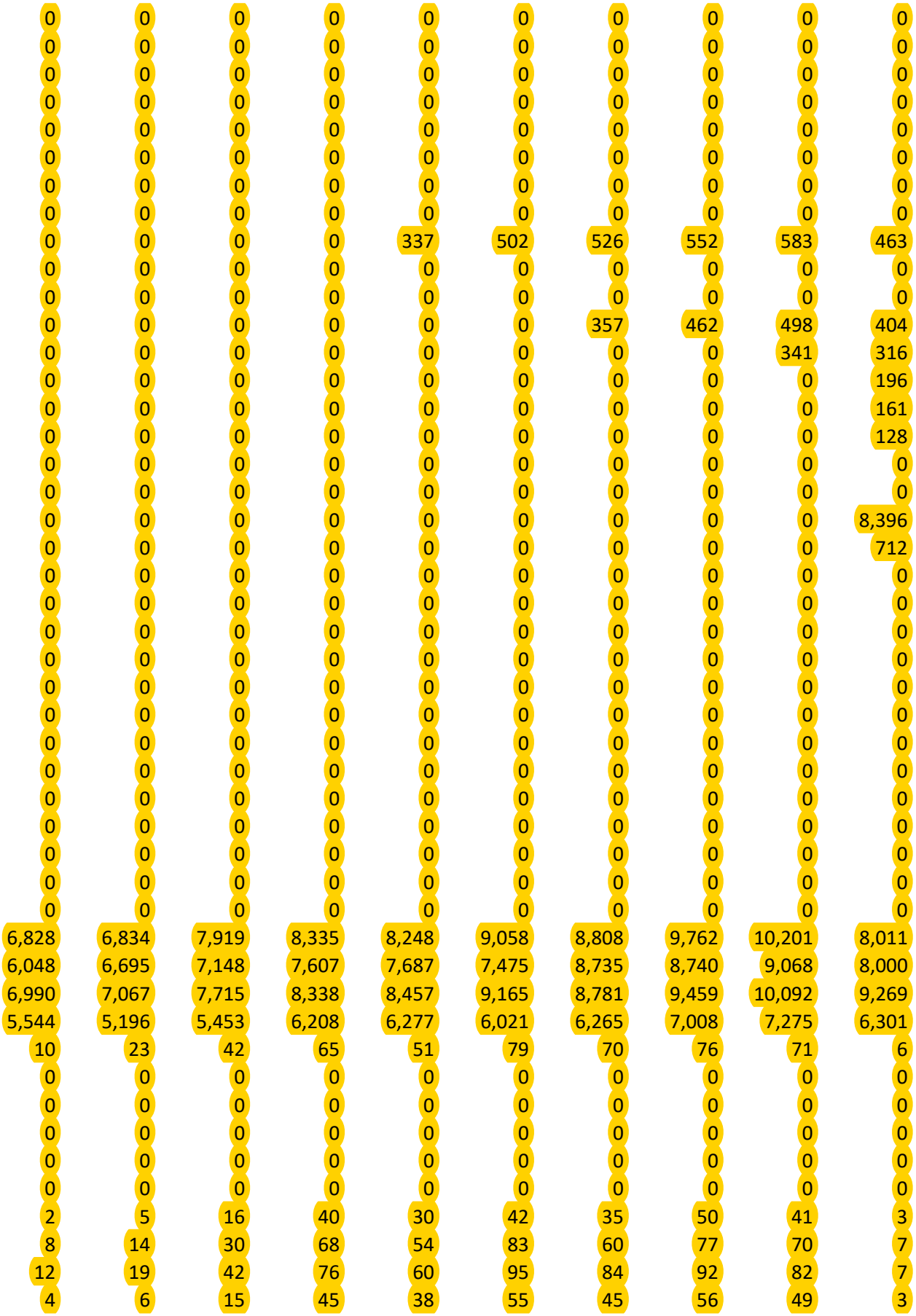

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16	33	62	91	73	112	101	110	97	10
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81	70	16	0	0	0	0	0	0	0
70	67	15	0	0	0	0	0	0	0
56	55	11	0	0	0	0	0	0	0
42	46	8	0	0	0	0	0	0	0
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5,818	5,995	5,645	6,529	6,223	6,856	6,916	7,239	7,417	7,214
33	36	70	96	71	100	96	103	101	40
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0	0	0	0	0	0	0	0	0	0
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0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
12,727	14,370	17,397	20,694	21,813	23,632	25,680	26,919	27,640	27,308
17,040	19,228	23,206	27,617	29,087	31,568	34,284	36,066	36,957	36,676
9,087	19,237	23,171	27,553	29,051	31,561	34,268	36,138	37,066	36,783
0	310	6,139	14,186	22,370	32,258	43,136	46,236	56,306	56,514
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0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
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0	0	0	0	0	0	0	0	0	0
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0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0

0	0	0	0	0	0	0	0	0	0
31	40	78	118	96	136	139	164	147	20
11	25	51	67	57	94	75	89	73	7
35	40	86	130	105	136	126	174	154	23
3,590	4,527	4,536	4,960	4,204	2,114	0	0	0	0
1,315	1,478	1,282	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
112,328	129,724	150,531	173,404	187,620	206,309	224,738	236,026	251,658	249,945

2025	2026	2027	2028	2029	2030	2031	2032	2033	2034
0	0	0	0	0	0	0	0	0	0
1,503	1,684	2,072	1,222	1,399	1,936	2,243	2,547	2,881	2,303
0	0	0	0	0	0	0	0	0	0
38,854	53,145	69,914	90,049	102,321	119,019	137,368	145,358	157,970	157,281
65,934	68,637	71,963	74,539	76,523	77,552	77,158	80,440	83,418	86,630
3,758	3,726	3,951	4,456	4,358	4,385	4,122	3,701	3,395	897
2,030	2,294	2,580	3,139	3,019	3,417	3,847	3,981	3,994	2,834
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0	0	0	0	0	0	0	0	0	0
249	237	51	0	0	0	0	0	0	0

CONFIDENTIAL

2035	2036	2037	2038	2039	2040	2041	2042	2043	2044
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1,309	1,307	1,459	1,359	1,565	1,433	1,662	561	0	0
1,253	1,314	1,400	1,393	1,346	1,423	1,441	571	0	0
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0	0	0	0	0	0	0	0	0	0
17,088	17,626	17,204	18,880	18,546	20,244	20,238	18,964	17,277	17,659
37	35	39	38	43	39	55	67	57	62
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9,425	9,727	9,702	10,245	9,899	10,846	10,757	10,138	10,043	10,438
378	422	428	436	449	496	477	393	436	463
9,489	9,750	9,797	10,288	10,038	11,471	11,528	11,279	10,929	11,173
348	371	393	392	395	411	412	310	335	354
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502	559	612	607	762	714	792	585	517	579
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0	0	0	0	0	106	151	108	105	129

CONFIDENTIAL

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426	497	546	558	654	612	700	511	451	518
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371	420	459	466	573	524	622	442	388	447
304	351	389	405	494	459	535	365	343	402
253	299	331	349	429	395	472	320	298	342
204	242	265	302	351	328	390	286	256	297
163	191	226	247	299	279	334	235	223	245
0	135	178	204	239	235	285	199	186	218
0	0	0	134	193	191	226	161	157	192
14,577	15,068	15,402	15,757	16,187	16,586	16,976	17,162	16,920	17,460
912	973	1,068	1,045	1,240	1,265	1,342	1,544	1,728	1,790
0	0	0	0	0	0	0	10,237	17,719	18,143
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0	0	0	0	0	0	0	0	0	0
8,111	8,455	9,134	9,137	10,068	9,864	10,082	9,500	8,105	7,572
7,090	7,724	8,127	8,117	9,098	8,217	9,609	7,594	7,515	7,699
8,647	8,723	9,393	9,578	10,544	10,549	10,331	9,418	8,573	8,600
5,926	6,472	6,857	6,962	7,168	7,199	7,797	6,497	5,912	6,643
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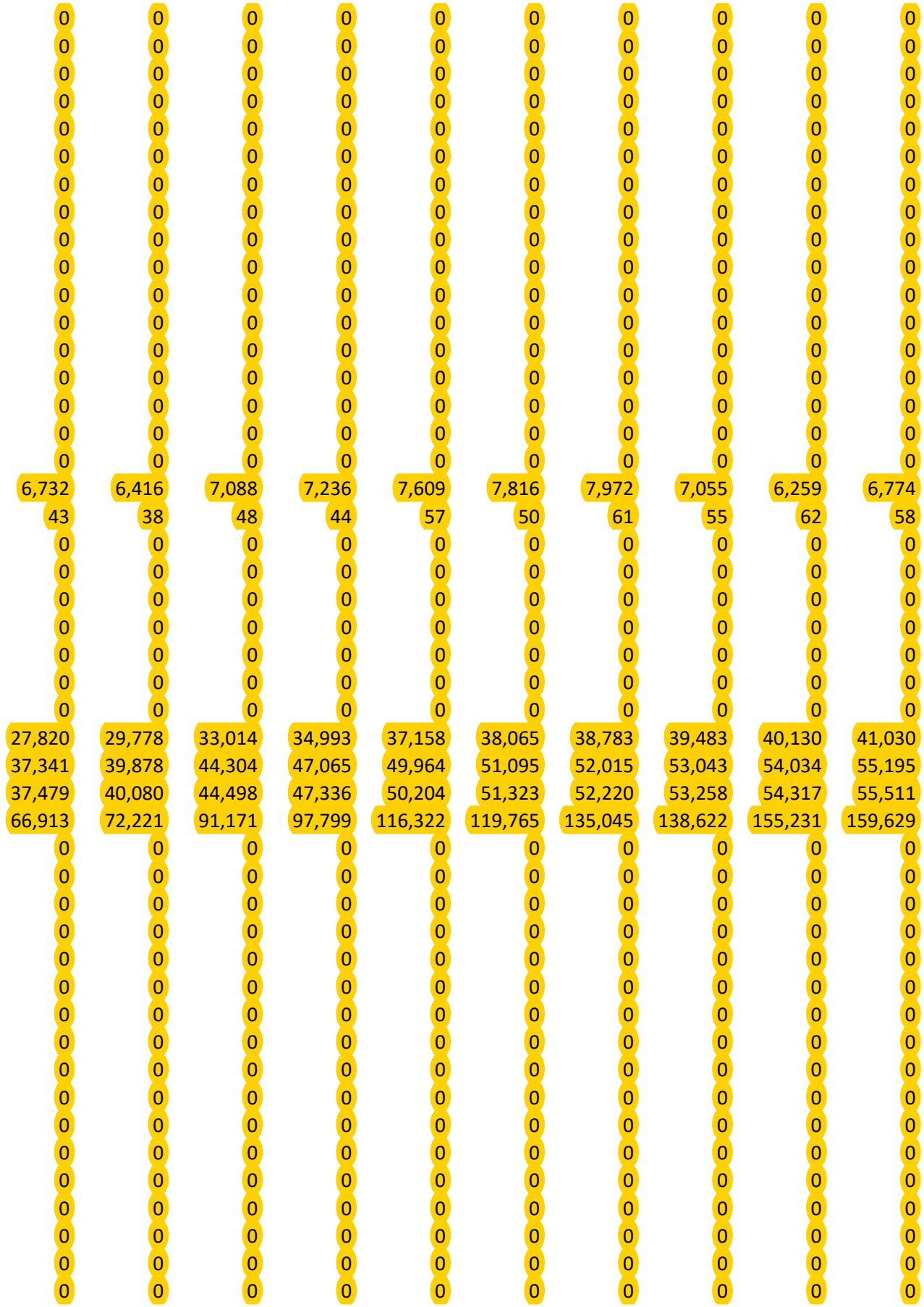
CONFIDENTIAL



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263,141	279,073	313,533	331,478	362,048	372,158	393,502	400,141	420,039	431,471

2035	2036	2037	2038	2039	2040	2041	2042	2043	2044
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2,224	2,695	3,007	3,376	4,146	3,999	4,699	3,349	3,053	3,690
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169,553	181,956	212,987	227,194	253,649	260,249	278,063	284,406	303,710	311,365
88,803	91,801	94,679	98,156	101,342	105,053	107,636	111,254	113,276	116,416
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2,561	2,621	2,860	2,752	2,911	2,857	3,103	1,132	0	0
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CONFIDENTIAL

2045	2046	2047	2048	2049	2050	2051	2052	2053	2054
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0	0	0	0	0	0	0	0	0	0
18,780	19,545	19,807	19,325	21,027	21,714	22,687	22,562	23,333	24,836
74	79	72	72	84	85	103	106	112	132
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0	0	0	0	0	0	0	0	0	0
10,454	11,056	11,329	11,266	11,849	12,306	12,370	13,235	13,634	14,496
438	499	507	512	519	578	563	602	634	672
11,094	11,816	11,984	11,893	12,649	13,094	13,060	14,074	14,493	14,916
331	383	371	366	387	421	418	441	471	502
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611	655	684	720	717	768	817	814	858	944
168	192	200	197	210	224	232	256	258	311
139	156	170	169	178	194	212	206	219	269

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124	136	139	134	145	157	176	177	185	229
96	109	114	115	121	135	152	153	155	195
69	83	89	95	98	108	130	127	125	162
0	60	70	77	79	85	106	96	101	137
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0	0	0	0	0	0	0	0	0	0
543	588	601	613	643	690	737	736	756	832
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474	497	510	567	556	594	653	649	686	752
412	452	464	484	487	530	571	563	582	654
375	399	414	425	407	465	510	501	545	587
326	347	362	373	392	400	445	443	465	525
283	297	311	322	332	345	364	363	406	466
239	253	261	277	279	295	320	334	354	386
203	227	234	238	245	262	292	295	301	346
17,737	18,181	18,599	19,241	19,522	20,283	20,875	21,630	22,352	23,056
1,851	2,004	2,058	2,265	2,169	2,295	2,377	2,462	2,581	2,594
18,591	19,039	19,417	20,049	20,432	21,092	21,769	22,439	23,041	23,671
1,566	1,609	1,665	1,842	1,755	1,934	2,076	2,080	2,106	2,190
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0	0	0	0	0	0	0	0	0	0
8,633	8,729	9,643	10,466	10,199	10,912	10,259	11,672	12,168	11,516
7,741	8,490	8,431	8,909	8,962	8,586	10,153	9,956	10,403	10,548
9,363	9,336	10,025	10,093	10,204	10,580	10,133	11,365	11,607	12,370
6,895	6,727	6,880	7,611	7,645	7,200	7,652	8,573	8,860	8,491
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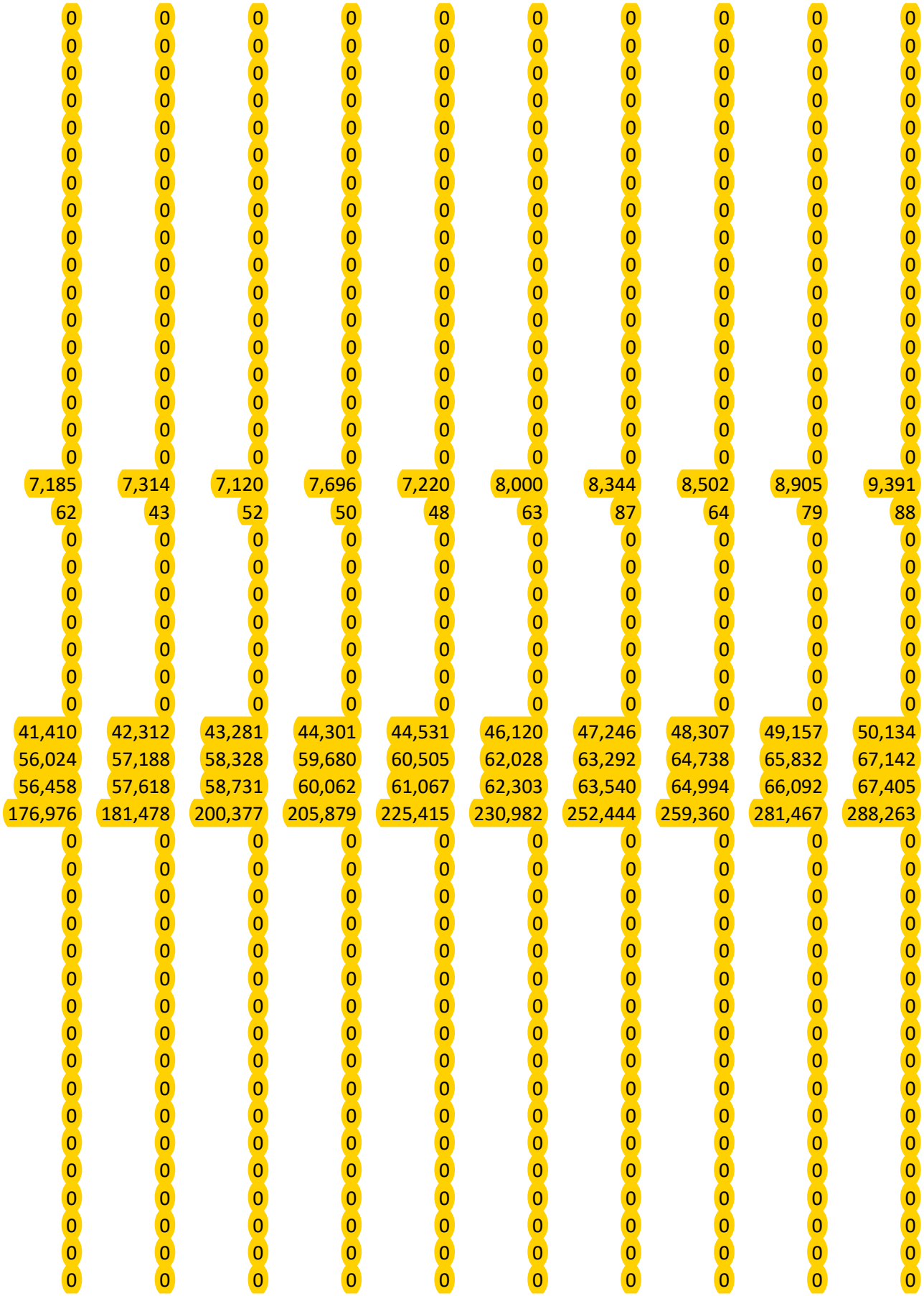
CONFIDENTIAL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7,185 7,314 7,120 7,696 7,220 8,000 8,344 8,502 8,905 9,391
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41,410 42,312 43,281 44,301 44,531 46,120 47,246 48,307 49,157 50,134
56,024 57,188 58,328 59,680 60,505 62,028 63,292 64,738 65,832 67,142
56,458 57,618 58,731 60,062 61,067 62,303 63,540 64,994 66,092 67,405
176,976 181,478 200,377 205,879 225,415 230,982 252,444 259,360 281,467 288,263
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455,727	467,895	493,297	506,383	531,077	545,828	575,165	592,872	623,322	639,207

2045	2046	2047	2048	2049	2050	2051	2052	2053	2054
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4,064	4,450	4,621	4,807	4,889	5,253	5,717	5,712	5,996	6,794
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330,868	338,595	360,716	369,922	391,518	401,433	426,522	437,399	462,547	472,943
120,795	124,850	127,960	131,654	134,670	139,142	142,925	149,761	154,779	159,469
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CONFIDENTIAL

VOM Rate ($/MWh)

\\s00233\grpdata\PEF Resource Planning\2020\2020-03 Clean Energy Connection\Prosym\05052020\CEC_

Station	Unit Type	2020	2021	2022	2023	2024
AC	DSM	0.00	0.00	0.00	0.00	0.00
Anclote.1	Steam-Gas	1.84	1.89	1.94	1.99	2.04
Anclote.2	Steam-Gas	1.84	1.89	1.94	1.99	2.04
As.Avail	Cogen	0.00	0.00	0.00	0.00	0.00
As.Avail.PCS	Renewable	0.00	0.00	0.00	0.00	0.00
AVON.PK_P.1	CT	15.26	0.00	0.00	0.00	0.00
AVON.PK_P.2	CT	15.30	0.00	0.00	0.00	0.00
Bartow CC.1.0	Steam-CC	2.07	2.12	2.18	2.23	2.29
Bartow CC.1.PAG	Steam-CC	2.07	2.12	2.18	2.23	2.29
BARTOW_P.1	CT	0.00	0.00	0.00	0.00	0.00
BARTOW_P.2	CT	0.00	0.00	0.00	0.00	0.00
BARTOW_P.3	CT	0.00	0.00	0.00	0.00	0.00
BARTOW_P.4	CT	0.00	0.00	0.00	0.00	0.00
Battery Cape San Blas	Storage	0.00	0.00	0.00	0.00	0.00
Battery Jennings	Storage	0.00	0.00	0.00	0.00	0.00
Battery Micanopy	Storage	0.00	0.00	0.00	0.00	0.00
Battery Trenton	Storage	0.00	0.00	0.00	0.00	0.00
BAYBORO_P.1	CT	7.32	7.50	7.69	7.89	8.08
BAYBORO_P.2	CT	8.50	7.90	8.00	9.00	8.44
BAYBORO_P.3	CT	7.47	7.66	7.84	8.06	8.25
BAYBORO_P.4	CT	7.52	7.70	7.90	8.11	8.30
Citrus.CC.1	Steam-CC	1.18	1.21	1.24	1.27	1.30
Citrus.CC.1.Duct	Steam-CC	1.18	1.21	1.24	1.27	1.30
Citrus.CC.2	Steam-CC	1.18	1.21	1.24	1.27	1.30
Citrus.CC.2.Duct	Steam-CC	1.18	1.21	1.24	1.27	1.30
Crystal.4	Steam-Coal	1.25	1.28	1.31	1.35	1.38
Crystal.5	Steam-Coal	1.25	1.28	1.31	1.35	1.38
Dade.County	Renewable	0.00	0.00	0.00	0.00	0.00
DEBARY.10	CT	0.00	0.00	0.00	0.00	0.00
DEBARY.2	CT	0.00	0.00	0.00	0.00	0.00
DEBARY.3	CT	0.00	0.00	0.00	0.00	0.00
DEBARY.4	CT	0.00	0.00	0.00	0.00	0.00
DEBARY.5	CT	0.00	0.00	0.00	0.00	0.00
DEBARY.6	CT	0.00	0.00	0.00	0.00	0.00
DEBARY.7	CT	0.00	0.00	0.00	0.00	0.00
DEBARY.8	CT	0.00	0.00	0.00	0.00	0.00
DEBARY.9	CT	0.00	0.00	0.00	0.00	0.00
EconPurch	TranEcon-Purc	0.00	0.00	0.00	0.00	0.00
EconSale	TranEcon-Sale	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.1	CT	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.10	CT	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.11	CT	0.00	0.00	0.00	0.00	0.00

Gen.190MW.CT.12	CT	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.13	CT	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.14	CT	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.15	CT	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.16	CT	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.17	CT	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.18	CT	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.19	CT	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.2	CT	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.20	CT	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.21	CT	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.3	CT	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.4	CT	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.5	CT	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.6	CT	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.7	CT	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.8	CT	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.9	CT	0.00	0.00	0.00	0.00	0.00
Gen.2x1.CC.J.1	Steam-CC	0.00	0.00	0.00	0.00	0.00
Gen.2x1.CC.J.1.Duct	Steam-CC	0.00	0.00	0.00	0.00	0.00
Gen.2x1.CC.J.2	Steam-CC	0.00	0.00	0.00	0.00	0.00
Gen.2x1.CC.J.2.Duct	Steam-CC	0.00	0.00	0.00	0.00	0.00
Gen.2x1.CC.J.3	Steam-CC	0.00	0.00	0.00	0.00	0.00
Gen.2x1.CC.J.3.Duct	Steam-CC	0.00	0.00	0.00	0.00	0.00
Gen.2x1.CC.J.4	Steam-CC	0.00	0.00	0.00	0.00	0.00
Gen.2x1.CC.J.4.Duct	Steam-CC	0.00	0.00	0.00	0.00	0.00
Gen.2x1.CC.J.5	Steam-CC	0.00	0.00	0.00	0.00	0.00
Gen.2x1.CC.J.5.Duct	Steam-CC	0.00	0.00	0.00	0.00	0.00
Gen.2x1.CC.J.6	Steam-CC	0.00	0.00	0.00	0.00	0.00
Gen.2x1.CC.J.6.Duct	Steam-CC	0.00	0.00	0.00	0.00	0.00
Gen.2x1.CC.J.7	Steam-CC	0.00	0.00	0.00	0.00	0.00
Gen.2x1.CC.J.7.Duct	Steam-CC	0.00	0.00	0.00	0.00	0.00
HEAT	DSM	0.00	0.00	0.00	0.00	0.00
Hines.CC.1	Steam-CC	2.79	2.86	2.93	3.01	3.08
Hines.CC.2	Steam-CC	2.58	2.65	2.71	2.78	2.85
Hines.CC.3	Steam-CC	2.63	2.69	2.76	2.83	2.90
Hines.CC.4	Steam-CC	1.47	1.50	1.54	1.58	1.62
INT.CITY.1	CT	6.90	7.07	7.25	7.42	7.62
INT.CITY.10	CT	0.00	0.00	0.00	0.00	0.00
INT.CITY.11	CT	0.00	0.00	0.00	0.00	0.00
INT.CITY.12	CT	0.00	0.00	0.00	0.00	0.00
INT.CITY.13	CT	0.00	0.00	0.00	0.00	0.00
INT.CITY.14	CT	0.00	0.00	0.00	0.00	0.00
INT.CITY.2	CT	7.06	7.27	7.41	7.56	7.76
INT.CITY.3	CT	7.03	7.22	7.39	7.59	7.76
INT.CITY.4	CT	7.04	7.21	7.39	7.58	7.77
INT.CITY.5	CT	7.17	7.32	7.53	7.75	7.92

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INT.CITY.6	CT	6.90	7.10	7.25	7.44	7.62
INT.CITY.7	CT	0.00	0.00	0.00	0.00	0.00
INT.CITY.8	CT	0.00	0.00	0.00	0.00	0.00
INT.CITY.9	CT	0.00	0.00	0.00	0.00	0.00
INTER	DSM	0.00	0.00	0.00	0.00	0.00
Lake.County	Renewable	0.00	0.00	0.00	0.00	0.00
LEE.County.Res	Renewable	0.00	0.00	0.00	0.00	0.00
Mulberry	Cogen	0.00	0.00	0.00	0.00	0.00
NSG.Vand.CT.1	TranFirm-Purc	0.17	0.17	0.18	0.18	0.18
NSG.Vand.CT.2	TranFirm-Purc	0.17	0.17	0.18	0.18	0.18
NSG.Vand.CT.3	TranFirm-Purc	0.17	0.17	0.18	0.18	0.18
NSG.Vand.CT.4	TranFirm-Purc	0.17	0.17	0.18	0.18	0.18
Orange.Cogen	Cogen	0.00	0.00	0.00	0.00	0.00
Orlando.Cogen	Cogen	0.00	0.00	0.00	0.00	0.00
Osprey 1.0	Steam-CC	4.49	4.55	4.60	4.66	4.72
Osprey 1.1	Steam-CC	5.15	5.21	5.23	5.29	5.23
Osprey 1.2	Steam-CC	1.67	1.71	1.75	1.80	1.86
OspreyAcq	Steam-CC	0.00	0.00	0.00	0.00	1.82
OspreyAcqDF	Steam-CC	0.00	0.00	0.00	0.00	1.82
Pasco.County	Renewable	0.00	0.00	0.00	0.00	0.00
Pinellas.County	Renewable	0.00	0.00	0.00	0.00	0.00
PPA.SERC	TranFirm-Purc	3.96	6.43	0.00	0.00	0.00
Seasonal PPA_Summer.1	TranFirm-Purc	0.00	0.00	0.00	0.00	0.00
Shady.Hills.1	TranFirm-Purc	0.38	0.39	0.40	0.41	0.42
Shady.Hills.2	TranFirm-Purc	0.38	0.39	0.40	0.41	0.42
Shady.Hills.3	TranFirm-Purc	0.38	0.39	0.40	0.41	0.42
Solar.3rdParty.Block.1	Renewable	20.33	20.81	21.29	21.83	23.10
Solar.3rdParty.Block.2	Renewable	0.00	0.00	20.97	21.79	22.96
Solar.3rdParty.Block.3	Renewable	0.00	0.00	0.00	0.00	22.68
Solar.3rdParty.Block.4	Renewable	0.00	0.00	0.00	0.00	0.00
Solar.DEF.Archer	Renewable	0.00	0.00	0.00	0.00	0.00
Solar.DEF.Charlie.Creek	Renewable	0.00	0.00	0.00	0.00	0.00
Solar.DEF.Columbia	Renewable	0.00	0.00	0.00	0.00	0.00
Solar.DEF.Debary	Renewable	0.00	0.00	0.00	0.00	0.00
Solar.DEF.Duette	Renewable	0.00	0.00	0.00	0.00	0.00
Solar.DEF.Hamilton	Renewable	0.00	0.00	0.00	0.00	0.00
Solar.DEF.Lake.Placid	Renewable	0.00	0.00	0.00	0.00	0.00
Solar.DEF.NEW	Renewable	0.00	0.00	0.00	0.00	0.00
Solar.DEF.NEW.2	Renewable	0.00	0.00	0.00	0.00	0.00
Solar.DEF.NEW.3	Renewable	0.00	0.00	0.00	0.00	0.00
Solar.DEF.NEW.4	Renewable	0.00	0.00	0.00	0.00	0.00
Solar.DEF.NEW.5	Renewable	0.00	0.00	0.00	0.00	0.00
Solar.DEF.Osc.Perry.Suw	Renewable	0.00	0.00	0.00	0.00	0.00
Solar.DEF.Santa.Fe	Renewable	0.00	0.00	0.00	0.00	0.00
Solar.DEF.St.Pete.Pier	Renewable	0.00	0.00	0.00	0.00	0.00
Solar.DEF.Trenton	Renewable	0.00	0.00	0.00	0.00	0.00
Solar.DEF.Twin.Rivers	Renewable	0.00	0.00	0.00	0.00	0.00

Standby	DSM	0.00	0.00	0.00	0.00	0.00
SUWANNEE_P.1	CT	6.57	6.72	6.90	7.07	7.25
SUWANNEE_P.2	CT	6.53	6.69	6.88	7.07	7.21
SUWANNEE_P.3	CT	6.49	6.66	6.82	6.99	7.17
Tigerbay.1	Steam-CC	2.65	2.72	2.79	2.86	2.93
U.OF.FL.1	CT	3.65	3.74	3.83	3.93	4.02
Voltage.Red	DSM	0.00	0.00	0.00	0.00	0.00
WaterHtr_PP	DSM	0.00	0.00	0.00	0.00	0.00

Group Totals

Station Group	Group Type	2020	2021	2022	2023	2024
Cogen	Total	0.00	0.00	0.00	0.00	0.00
CT	Total	2.98	2.94	3.18	3.38	2.78
DSM	Total	0.00	0.00	0.00	0.00	0.00
Renewable	Total	0.12	1.53	2.91	3.78	4.52
Steam-CC	Total	1.87	1.94	2.02	2.01	1.98
Steam-Coal	Total	1.25	1.28	1.31	1.35	1.38
Steam-Gas	Total	1.84	1.89	1.94	1.99	2.04
Storage	Total	0.00	0.00	0.00	0.00	0.00
TranEcon-Purc	Total	0.00	0.00	0.00	0.00	0.00
TranEcon-Sale	Total	0.00	0.00	0.00	0.00	0.00
TranFirm-Purc	Total	1.89	0.80	0.23	0.22	0.19

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_750MW_LF.mdb

2025	2026	2027	2028	2029	2030	2031	2032	2033	2034
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2.09	2.14	2.19	2.25	2.30	2.36	2.42	2.48	2.54	2.61
2.09	2.14	2.19	2.25	2.30	2.36	2.42	2.48	2.54	2.61
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2.34	2.40	2.46	2.52	2.59	2.65	2.72	2.79	2.86	2.93
2.34	2.40	2.46	2.52	2.59	2.65	2.72	2.79	2.86	2.93
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8.51	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.33	1.36	1.40	1.43	1.47	1.51	1.54	1.58	1.62	1.66
1.33	1.36	1.40	1.43	1.47	1.51	1.54	1.58	1.62	1.66
1.33	1.36	1.40	1.43	1.47	1.51	1.54	1.58	1.62	1.66
1.33	1.36	1.40	1.43	1.47	1.51	1.54	1.58	1.62	1.66
1.41	1.45	1.49	1.52	1.56	1.60	1.64	1.68	1.72	1.77
1.41	1.45	1.49	1.52	1.56	1.60	1.64	1.68	1.72	1.77
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	1.10	1.12	1.15	1.18	1.21	1.24	1.27	1.30
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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7.81	8.00	8.21	8.42	8.62	8.84	9.06	9.29	9.51	9.75
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.19	0.19	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.19	0.19	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.19	0.19	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.19	0.19	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.86	1.91	1.96	2.00	2.05	2.11	2.16	2.21	2.27	2.32
1.86	1.91	1.96	2.00	2.05	2.11	2.16	2.21	2.27	2.32
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
27.65	31.38	38.24	45.53	48.38	52.69	57.54	60.70	62.60	62.26
27.51	31.20	37.84	45.14	47.91	52.26	57.04	60.19	62.11	61.97
27.34	30.90	37.41	44.59	47.38	51.73	56.44	59.67	61.67	61.50
0.00	30.52	36.95	44.03	47.01	51.24	55.85	59.23	61.16	61.02
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

CONFIDENTIAL

0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7.43	7.62	7.81	8.01	8.20	8.41	8.62	8.84	9.06	9.29
7.39	7.59	7.77	7.96	8.16	8.36	8.57	8.79	9.01	9.23
7.35	7.53	7.72	7.91	8.11	8.31	8.52	8.73	8.95	9.17
3.00	3.08	3.15	3.23	3.31	3.39	0.00	0.00	0.00	0.00
4.13	4.23	4.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

2025	**2026**	**2027**	**2028**	**2029**	**2030**	**2031**	**2032**	**2033**	**2034**
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2.94	2.65	1.80	1.07	1.13	1.18	1.20	1.27	1.27	1.14
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6.57	8.58	11.06	13.92	15.55	17.74	20.13	21.31	22.82	22.79
2.01	2.06	2.14	2.21	2.24	2.28	2.33	2.38	2.45	2.36
1.41	1.45	1.49	1.52	1.56	1.60	1.64	1.68	1.72	1.77
2.09	2.14	2.19	2.25	2.30	2.36	2.42	2.48	2.54	2.61
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.19	0.19	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00

CONFIDENTIAL

2035	2036	2037	2038	2039	2040	2041	2042	2043	2044
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2.67	2.74	2.81	2.88	2.95	3.02	3.10	3.18	0.00	0.00
2.67	2.74	2.81	2.88	2.95	3.02	3.10	3.18	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3.00	3.08	3.15	3.23	3.31	3.40	3.48	3.57	3.66	3.75
3.00	3.08	3.15	3.23	3.31	3.40	3.48	3.57	3.66	3.75
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.70	1.75	1.79	1.84	1.88	1.93	1.98	2.03	2.08	2.13
1.70	1.75	1.79	1.84	1.88	1.93	1.98	2.03	2.08	2.13
1.70	1.75	1.79	1.84	1.88	1.93	1.98	2.03	2.08	2.13
1.70	1.75	1.79	1.84	1.88	1.93	1.98	2.03	2.08	2.13
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.34	1.37	1.40	1.44	1.47	1.51	1.55	1.59	1.63	1.67
0.00	0.00	0.00	1.44	1.47	1.51	1.55	1.59	1.63	1.67
0.00	0.00	0.00	0.00	0.00	1.51	1.55	1.59	1.63	1.67

CONFIDENTIAL

0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.67
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.67
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.34	1.37	1.40	1.44	1.47	1.51	1.55	1.59	1.63	1.67
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.34	1.37	1.40	1.44	1.47	1.51	1.55	1.59	1.63	1.67
1.34	1.37	1.40	1.44	1.47	1.51	1.55	1.59	1.63	1.67
1.34	1.37	1.40	1.44	1.47	1.51	1.55	1.59	1.63	1.67
1.34	1.37	1.40	1.44	1.47	1.51	1.55	1.59	1.63	1.67
1.34	1.37	1.40	1.44	1.47	1.51	1.55	1.59	1.63	1.67
0.00	1.37	1.40	1.44	1.47	1.51	1.55	1.59	1.63	1.67
0.00	0.00	0.00	1.44	1.47	1.51	1.55	1.59	1.63	1.67
1.74	1.78	1.82	1.87	1.92	1.97	2.01	2.06	2.12	2.17
2.08	2.13	2.18	2.24	2.29	2.35	2.41	2.47	2.53	2.60
0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.06	2.12	2.17
0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.47	2.53	2.60
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4.05	4.15	4.25	4.36	4.47	4.58	4.69	4.81	4.93	5.05
3.74	3.83	3.93	4.03	4.13	4.23	4.34	4.45	4.56	4.67
3.81	3.90	4.00	4.10	4.20	4.31	4.42	4.53	4.64	4.76
2.12	2.18	2.23	2.29	2.34	2.40	2.46	2.53	2.59	2.65
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

CONFIDENTIAL

0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2.38	2.44	2.50	2.57	2.63	2.70	2.76	2.83	2.90	2.98
2.38	2.44	2.50	2.57	2.63	2.70	2.76	2.83	2.90	2.98
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
63.62	68.18	76.25	81.36	87.07	89.20	91.44	93.74	96.12	98.50
63.38	67.85	75.96	81.11	86.61	88.76	90.99	93.26	95.61	97.99
62.98	67.52	75.53	80.75	86.08	88.21	90.44	92.70	95.01	97.37
62.68	67.18	75.17	80.37	85.73	87.83	90.07	92.30	94.63	96.95
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

2035	2036	2037	2038	2039	2040	2041	2042	2043	2044
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.15	1.23	1.27	1.37	1.41	1.46	1.50	1.52	1.54	1.61
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24.16	25.93	29.94	32.03	35.20	36.13	38.08	39.07	41.09	42.15
2.35	2.41	2.48	2.54	2.63	2.66	2.74	2.69	2.67	2.73
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2.67	2.74	2.81	2.88	2.95	3.02	3.10	3.18	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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2045	2046	2047	2048	2049	2050	2051	2052	2053	2054
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3.84	3.94	4.04	4.14	4.24	4.35	4.45	4.57	4.68	4.80
3.84	3.94	4.04	4.14	4.24	4.35	4.46	4.57	4.68	4.80
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2.18	2.24	2.29	2.35	2.41	2.47	2.53	2.59	2.66	2.72
2.18	2.24	2.29	2.35	2.41	2.47	2.53	2.59	2.66	2.72
2.18	2.24	2.29	2.35	2.41	2.47	2.53	2.59	2.66	2.72
2.18	2.24	2.29	2.35	2.41	2.47	2.53	2.59	2.66	2.72
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.71	1.75	1.80	1.84	1.89	1.93	1.98	2.03	2.08	2.14
1.71	1.75	1.80	1.84	1.89	1.93	1.98	2.03	2.08	2.14
1.71	1.75	1.80	1.84	1.89	1.93	1.98	2.03	2.08	2.14

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1.71	1.75	1.80	1.84	1.89	1.94	1.98	2.03	2.08	2.14
1.71	1.75	1.80	1.84	1.89	1.93	1.98	2.03	2.08	2.14
1.71	1.75	1.80	1.84	1.89	1.93	1.98	2.03	2.08	2.14
0.00	1.75	1.80	1.84	1.89	1.93	1.98	2.03	2.08	2.14
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.71	1.75	1.80	1.84	1.89	1.94	1.98	2.03	2.08	2.14
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.71	1.75	1.80	1.84	1.89	1.94	1.98	2.03	2.08	2.14
1.71	1.75	1.80	1.84	1.89	1.93	1.98	2.03	2.08	2.14
1.71	1.75	1.80	1.84	1.89	1.93	1.98	2.03	2.08	2.14
1.71	1.75	1.80	1.84	1.89	1.94	1.98	2.03	2.08	2.14
1.71	1.75	1.80	1.84	1.89	1.94	1.98	2.03	2.08	2.14
1.71	1.75	1.80	1.84	1.89	1.94	1.98	2.03	2.08	2.14
1.71	1.75	1.80	1.84	1.89	1.93	1.98	2.03	2.08	2.14
2.22	2.28	2.34	2.39	2.45	2.52	2.58	2.64	2.71	2.78
2.66	2.73	2.80	2.86	2.94	3.01	3.09	3.16	3.24	3.32
2.22	2.28	2.34	2.39	2.45	2.52	2.58	2.64	2.71	2.78
2.66	2.73	2.80	2.86	2.94	3.01	3.09	3.16	3.24	3.32
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5.18	5.31	5.44	5.58	5.72	5.86	6.01	6.16	6.31	6.47
4.79	4.91	5.03	5.16	5.29	5.42	5.55	5.69	5.83	5.98
4.87	5.00	5.12	5.25	5.38	5.51	5.65	5.79	5.94	6.09
2.72	2.79	2.86	2.93	3.00	3.08	3.15	3.23	3.31	3.40
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

2045	2046	2047	2048	2049	2050	2051	2052	2053	2054
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.70	1.75	1.80	1.84	1.89	1.93	1.98	2.03	2.08	2.14
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
44.25	45.46	47.76	49.12	52.63	57.79	64.15	73.92	85.85	99.68
2.82	2.89	2.97	3.04	3.12	3.19	3.27	3.36	3.44	3.52
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

- Solar and Network Capital Inputs
  - Capital costs from CEC - Project Cost Forecasting (Filing).xlsx
  - Includes AFUDC for 2022 assets due to 2 factor trigger being met on combined solar and network upgrades on a per project basis
- O&M Inputs
  - Assumptions based on similarly configured projects
  - Inputs based on COD year of individual projects
  - Estimates based on information provided in March 2020 request
- Property Taxes
  - Solar Projects use CEC - Solar Prop Tax (Filing).xlsx
  - Uses average rate from SoBRA projects and applies abatement through 2037 based on COD
  - Network Upgrades use standard DEF property tax assumptions based on gross book value as no abatements apply
- Land Lease
  - Estimated acreage based on standard configuration and layout
  - Lease rates, escalation and acreage based on combination of SoBRA results and initial CEC site development
  - CEC - Land Lease (Filing).xlsx
- WACC, Tax and AFUDC Rates
  - Derived from Standard Treasury Assumptions updated in March 2020
  - AFUDC rate based on May 2020 filing
  - Tax Rate based on forecasted composite rate beginning 2022

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Rates	
Federal Tax Rate	21.00%
Section 199 Deduction (for generating assets)	0.00%
Effective Federal Tax Rate	21.00%
State Tax Rate	5.50%
Composite Fed and State Tax Rate	25.35%
Allowed Rate of Return Pre-Tax	8.94%
Discount Rate	6.70%

Solar - Project Specific Inputs

Project Number	1	2	3	4
Number of Projects	2	4	4	0
Project Name	DEF-CEC-2022 COD	DEF-CEC-2023 COD	DEF-CEC-2022 COD	DEF-CEC-2022 COD
Project Type	Solar PV	Solar PV	Solar PV	Solar PV
Size (MWs dc)	97.4	97.4	97.4	97.4
Size (MWs ac)	74.9	74.9	74.9	74.9
Asset life (years)	30	30	30	30
Year 1	2022	2023	2024	2025
CapEx ($000s)				
Direct Costs (solar)	$96,069	$92,199	$88,334	$0
Land	$0	$0	$0	$0
Direct Costs (transmission)	$3,060	$3,121	$3,184	$0
AFUDC (not eligible for ITC)	$3,610	$0	$0	$0
Total CapEx ($000s)	$102,738	$95,321	$91,517	$0
% eligible for ITC	96.5%	96.5%	96.5%	0.0%
Project Terminal Value				
Residual Value	-6.0%	-6.0%	-6.0%	-6.0%
Gross Residual Value (% of Construction)	(5,948)	(5,719)	(5,491)	-
Cost of Removal less Salvage ($000s)	$5,948	$5,719	$5,491	$0
Annual Accrual ($000s)	$198.26	$190.64	$183.03	$0.00
Tax Credits				
ITC	22%	22%	10%	0%
Year Monetized	2027	2027	2027	2027
% Monetized	100%	100%	100%	100%
Portion of ITC offsetting tax basis	50%	50%	50%	50%
2nd Yr Monetized	2028	2028	2028	2028
% 2nd Yr Monetized	0%	0%	0%	0%

Land Lease ($000s)	Land Lease Payments ($000's Nominal)	Land Lease Payments ($000's Nominal)	Land Lease Payments ($000's Nominal)	Land Lease Payments ($000's Nominal)
1	402	410	418	0
2	410	418	426	0
3	418	426	435	0
4	426	435	444	0
5	435	444	452	0
6	444	452	462	0
7	452	462	471	0

8	462	471	480	0
9	471	480	490	0
10	480	490	500	0
11	490	500	510	0
12	500	510	520	0
13	510	520	530	0
14	520	530	541	0
15	530	541	552	0
16	541	552	563	0
17	552	563	574	0
18	563	574	585	0
19	574	585	597	0
20	585	597	609	0
21	597	609	621	0
22	609	621	634	0
23	621	634	646	0
24	634	646	659	0
25	646	659	672	0
26	659	672	686	0
27	672	686	700	0
28	686	700	713	0
29	700	713	728	0
30	713	728	742	0

O&M ($000s)	Total O&M, excl Leases ($1,000's Nominal)	Total O&M, excl Leases ($1,000's Nominal)	Total O&M, excl Leases ($1,000's Nominal)	Total O&M, excl Leases ($1,000's Nominal)
1	614	623	634	
2	623	633	643	
3	637	647	658	
4	652	662	673	
5	672	682	694	
6	739	750	762	
7	756	768	780	
8	774	786	798	
9	792	804	817	
10	816	828	841	
11	830	843	856	
12	850	862	876	
13	869	883	897	
14	932	946	960	
15	916	929	944	
16	932	946	961	
17	954	968	984	
18	976	991	1007	
19	1000	1015	1031	
20	1028	1044	1061	
21	1048	1064	1081	
22	1073	1089	1107	
23	1098	1115	1133	
24	1125	1142	1161	
25	1157	1175	1194	
26	1180	1198	1218	
27	1208	1227	1247	

28	1238	1257	1278	
29	1268	1288	1309	
30	1304	1324	1346	

Property Taxes - ($1,000's Nominal)	Total P/T ($000s)	Total P/T ($000s)	Total P/T ($000s)	Total P/T ($000s)
1	344	320	307	-
2	334	310	297	-
3	327	303	291	-
4	316	293	282	-
5	306	284	272	-
6	295	274	263	-
7	285	264	254	-
8	274	254	244	-
9	264	245	235	-
10	250	231	222	-
11	239	222	213	-
12	225	209	200	-
13	211	196	188	-
14	197	183	175	-
15	183	170	814	-
16	169	783	751	-
17	773	717	689	-
18	685	636	610	-
19	597	554	532	-
20	527	489	470	-
21	527	489	470	-
22	457	424	407	-
23	457	424	407	-
24	404	375	360	-
25	404	375	360	-
26	369	342	329	-
27	351	326	313	-
28	351	326	313	-
29	351	326	313	-
30	351	326	313	-

Non-operating O&M ($000s)				
Property tax rate (solar)	0.00%	0.00%	0.00%	0.00%
Property tax basis reduction (solar)	0%	0%	0%	0%
Property tax rate (transmission)	0.00%	0.00%	0.00%	0.00%
Insurance rate	0.12%	0.12%	0.12%	0.12%
Insurance inflation rate	3.0%	3.0%	3.0%	3.0%

Capital Adds & Mods - ($1,000's Nominal)	Adds&Mods ($000s)	Adds&Mods ($000s)	Adds&Mods ($000s)	Adds&Mods ($000s)
1	-	-	-	
2	-	-	-	
3	-	-	-	
4	-	-	-	
5	100	100	100	
6	49	49	49	
7	57	57	57	
8	63	63	63	
9	70	70	70	

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	10	176	176	176	
	11	81	81	81	
	12	86	86	86	
	13	90	90	90	
	14	93	93	93	
	15	211	211	211	
	16	99	99	99	
	17	101	101	101	
	18	102	102	102	
	19	103	103	103	
	20	203	203	203	
	21	103	103	103	
	22	102	102	102	
	23	101	101	101	
	24	100	100	100	
	25	198	198	198	
	26	96	96	96	
	27	93	93	93	
	28	91	91	91	
	29	88	88	88	
	30	185	185	185	

Rates	
Federal Tax Rate	21%
Section 199 Deduction (for generating assets)	0%
Effective Federal Tax Rate	21.00%
State Tax Rate	5.50%
Composite Fed and State Tax Rate	25.35%
Allowed Rate of Return Pre-Tax	8.94%
Discount Rate	6.70%

Network Upgrade - Project Specific Inputs

Project Number	1	2	3	4
Number of Projects	2	4	4	0
Project Name	DEF-Network upgrade - 2022	DEF-Utility Solar-Site Plan - 2023	DEF-Utility Solar-Site Plan - 2024	Placeholder 4
Project Type	Transmission	Solar	Solar	Solar
Size (MWs dc)	0.0	0.0	0.0	0.0
Size (MWs ac)	1.0	1.0	1.0	1.0
Asset life (years)	40	40	40	40
COD Year	2022	2023	2024	2025
CapEx ($000s)				
Direct Costs (solar)	$0	$0	$0	$0
Land	$0	$0	$0	$0
Direct Costs (transmission)	$10,200	$10,404	$10,612	$0
AFUDC (not eligible for ITC)	$371	$0	$0	$0
Total CapEx ($000s)	$10,571	$10,404	$10,612	$0
% eligible for ITC	0.0%	0.0%	0.0%	0.0%
Project Terminal Value				
Residual Value	0.0%	0.0%	0.0%	0.0%
Gross Residual Value (% of Construction)	-	-	-	-
Cost of Removal less Salvage ($000s)	$0	$0	$0	$0
Annual Accrual	$0	$0	$0	$0
Tax Credits				
ITC	0%	0%	0%	0%
Year Monetized	2027	2027	2027	2027
% Monetized	100%	100%	100%	100%
Portion of ITC offsetting tax basis	50%	50%	50%	50%
2nd Yr Monetized	2028	2028	2028	2028
% 2n Yr Monetized	0%	0%	0%	0%

Land Lease ($000s)		Land Lease Payments ($1,000's Nominal)	Land Lease Payments ($1,000's Nominal)	Land Lease Payments ($1,000's Nominal)	Land Lease Payments ($1,000's Nominal)
	1				
	2				
	3				
	4				
	5				

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	39
	40

O&M ($000s)		O&M ($1,000's Nominal)	O&M ($1,000's Nominal)	O&M ($1,000's Nominal)	O&M ($1,000's Nominal)
	1				
	2				
	3				
	4				
	5				
	6				
	7				
	8				
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	10				
	11				
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31					
32					
33					
34					
35					
36					
37					
38					
39					
40					
Non-operating O&M ($000s)					
Property tax rate (solar)	0.00%	0.00%	0.00%	0.00%	
Property tax basis reduction (solar)	0%	0%	0%	0%	
Property tax rate (transmission)	0.78%	0.78%	0.78%	0.78%	
Insurance rate	0.12%	0.12%	0.12%	0.12%	
Insurance inflation rate	3.0%	3.0%	3.0%	3.0%	

Capital Adds & Mods - ($1,000's Nominal)					
1	-	-	-	-	
2	-	-	-	-	
3	-	-	-	-	
4	-	-	-	-	
5	-	-	-	-	
6	-	-	-	-	
7	-	-	-	-	
8	-	-	-	-	
9	-	-	-	-	
10	-	-	-	-	
11	-	-	-	-	
12	-	-	-	-	
13	-	-	-	-	
14	-	-	-	-	
15	-	-	-	-	
16	-	-	-	-	
17	-	-	-	-	
18	-	-	-	-	
19	-	-	-	-	
20	-	-	-	-	
21	-	-	-	-	

22	-	-	-	-	
23	-	-	-	-	
24	-	-	-	-	
25	-	-	-	-	
26	-	-	-	-	
27	-	-	-	-	
28	-	-	-	-	
29	-	-	-	-	
30	-	-	-	-	
31	-	-	-	-	
32	-	-	-	-	
33	-	-	-	-	
34	-	-	-	-	
35	-	-	-	-	
36	-	-	-	-	
37	-	-	-	-	
38	-	-	-	-	
39	-	-	-	-	
40	-	-	-	-	

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($ in thousands)

Summary of Inputs

Year 1	2022
Investment	102,738
Investment (Non-AFUDC)	99,129
Investment (AFUDC)	3,610
ITC eligible basis	99,142
Federal ITC	21,811
Useful life (years)	30

# of years	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
Year	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051
Gross Plant- Initial Capital	102,738	102,738	102,738	102,738	102,738	102,738	102,738	102,738	102,738	102,738	102,738	102,738	102,738	102,738	102,738	102,738	102,738	102,738	102,738	102,738	102,738	102,738	102,738	102,738	102,738	102,738	102,738	102,738	102,738	102,738
Cumulative Adds & Mods	0	0	0	0	100	149	206	269	339	515	596	681	771	864	1,076	1,174	1,275	1,377	1,480	1,682	1,785	1,887	1,988	2,088	2,285	2,381	2,474	2,565	2,654	2,839
Gross Plant	102,738	102,738	102,738	102,738	102,838	102,887	102,944	103,007	103,077	103,253	103,334	103,419	103,509	103,603	103,814	103,913	104,013	104,115	104,218	104,421	104,523	104,625	104,726	104,826	105,023	105,119	105,212	105,303	105,392	105,577
Annual Depreciation	(3,425)	(3,425)	(3,425)	(3,425)	(3,428)	(3,430)	(3,431)	(3,434)	(3,436)	(3,442)	(3,444)	(3,447)	(3,450)	(3,453)	(3,460)	(3,464)	(3,467)	(3,471)	(3,474)	(3,481)	(3,484)	(3,488)	(3,491)	(3,494)	(3,501)	(3,504)	(3,507)	(3,510)	(3,513)	(3,175)
Accumulated Depreciation	(3,425)	(6,849)	(10,274)	(13,698)	(17,126)	(20,556)	(23,987)	(27,421)	(30,857)	(34,299)	(37,743)	(41,190)	(44,641)	(48,094)	(51,555)	(55,018)	(58,485)	(61,956)	(65,430)	(68,911)	(72,395)	(75,882)	(79,373)	(82,867)	(86,368)	(89,872)	(93,379)	(96,889)	(100,402)	(105,577)
Cost of Removal/Salvage Accrual	(198)	(198)	(198)	(198)	(198)	(198)	(198)	(198)	(198)	(198)	(198)	(198)	(198)	(198)	(198)	(198)	(198)	(198)	(198)	(198)	(198)	(198)	(198)	(198)	(198)	(198)	(198)	(198)	(198)	(198)
Cost of Removal/Salvage Realization	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5,948
Accumulated Cost of Removal/Salvage Accrual	(198)	(397)	(595)	(793)	(991)	(1,190)	(1,388)	(1,586)	(1,784)	(1,983)	(2,181)	(2,379)	(2,577)	(2,776)	(2,974)	(3,172)	(3,370)	(3,569)	(3,767)	(3,965)	(4,163)	(4,362)	(4,560)	(4,758)	(4,956)	(5,155)	(5,353)	(5,551)	(5,749)	0
Accumulated Deferred Taxes	(3,493)	(9,575)	(12,935)	(14,659)	(16,378)	(16,872)	(16,143)	(15,408)	(14,675)	(13,944)	(13,216)	(12,486)	(11,756)	(11,027)	(10,299)	(9,563)	(8,815)	(8,066)	(7,318)	(6,570)	(5,805)	(5,021)	(4,236)	(3,450)	(2,664)	(1,879)	(1,092)	(303)	487	0
Rate Base	95,622	85,917	78,935	73,588	68,342	64,269	61,427	58,593	55,761	53,027	50,194	47,364	44,535	41,706	38,987	36,160	33,342	30,524	27,703	24,975	22,160	19,360	16,558	13,750	11,035	8,213	5,388	2,560	(273)	0
WACC Revenue Requirement on Rate Base	8.94%	8,867	8,115	7,369	6,818	6,344	5,928	5,619	5,365	5,112	4,863	4,614	4,361	4,108	3,855	3,607	3,359	3,107	2,855	2,603	2,355	2,107	1,856	1,606	1,355	1,108	860	608	355	102	(12)
Federal ITC Amortization		0	0	0	0	0	(872)	(870)	(872)	(872)	(872)	(872)	(872)	(872)	(872)	(872)	(872)	(872)	(872)	(872)	(872)	(872)	(872)	(872)	(872)	(872)	(872)	(872)	(872)	(872)	(872)
Gross-up on Federal ITC Amortization		0	0	0	0	0	(296)	(296)	(296)	(296)	(296)	(296)	(296)	(296)	(296)	(296)	(296)	(296)	(296)	(296)	(296)	(296)	(296)	(296)	(296)	(296)	(296)	(296)	(296)	(296)	(296)
Gross-up on Book/Tax SL depreciation Difference		164	164	164	164	164	164	164	164	164	164	164	164	164	164	164	164	164	164	164	164	164	164	164	164	164	164	164	164	164
Depreciation Expense		3,425	3,425	3,425	3,425	3,428	3,430	3,431	3,434	3,436	3,442	3,444	3,447	3,450	3,453	3,460	3,464	3,467	3,471	3,474	3,481	3,484	3,488	3,491	3,494	3,501	3,504	3,507	3,510	3,513	3,175
Cost of Removal/Salvage Accrual		198	198	198	198	198	198	198	198	198	198	198	198	198	198	198	198	198	198	198	198	198	198	198	198	198	198	198	198	198
O&M - operating		614	623	637	652	672	739	756	774	792	816	830	850	869	932	916	932	954	976	1,000	1,028	1,048	1,073	1,098	1,125	1,157	1,180	1,208	1,238	1,268	1,304
Lease expense		402	410	418	426	435	444	452	462	471	480	490	500	510	520	530	541	552	563	574	585	597	609	621	634	646	659	672	686	700	713
Property Taxes		344	334	327	316	306	295	285	274	264	250	239	225	211	197	183	169	173	685	597	127	457	457	404	404	369	351	351	351	351	351
Insurance		125	129	133	137	141	145	150	154	159	164	169	174	180	185	191	197	203	210	216	223	230	237	244	252	260	268	276	285	294	303
Sum of Revenue Requirements ($000)		$14,139	$13,397	$12,671	$12,136	$11,668	$10,174	$9,887	$9,656	$9,427	$9,208	$8,980	$8,750	$8,522	$8,336	$8,081	$7,855	$8,250	$7,953	$7,657	$7,393	$7,186	$6,913	$6,711	$6,457	$6,270	$6,034	$5,817	$5,619	$5,422	$7,028
NPV of Revenue Requirements	125,499																													
Levelized Revenue Requirement	125,499	9,810	9,810	9,810	9,810	9,810	9,810	9,810	9,810	9,810	9,810	9,810	9,810	9,810	9,810	9,810	9,810	9,810	9,810	9,810	9,810	9,810	9,810	9,810	9,810	9,810	9,810	9,810	9,810	9,810

Deferred Income Tax Calculation																															
Book Basis		99,129	99,129	99,129	99,129	99,129	99,129	99,129	99,129	99,129	99,129	99,129	99,129	99,129	99,129	99,129	99,129	99,129	99,129	99,129	99,129	99,129	99,129	99,129	99,129	99,129	99,129	99,129	99,129	99,129	99,129
Federal ITC Basis Reduction		(10,906)	(10,906)	(10,906)	(10,906)	(10,906)	(10,906)	(10,906)	(10,906)	(10,906)	(10,906)	(10,906)	(10,906)	(10,906)	(10,906)	(10,906)	(10,906)	(10,906)	(10,906)	(10,906)	(10,906)	(10,906)	(10,906)	(10,906)	(10,906)	(10,906)	(10,906)	(10,906)	(10,906)	(10,906)	(10,906)
Land		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tax Basis		88,223	88,223	88,223	88,223	88,223	88,223	88,223	88,223	88,223	88,223	88,223	88,223	88,223	88,223	88,223	88,223	88,223	88,223	88,223	88,223	88,223	88,223	88,223	88,223	88,223	88,223	88,223	88,223	88,223	88,223
Tax Accelerated Depreciation	91,062	16,923	27,135	16,395	9,941	9,926	5,095	261	254	259	273	284	283	285	289	303	273	231	232	235	245	181	107	106	108	116	120	115	112	111	863
Tax Straight Line Depreciation	91,062	2,941	2,941	2,941	2,941	2,944	2,946	2,948	2,950	2,952	2,958	2,961	2,963	2,966	2,970	2,977	2,980	2,983	2,987	2,990	2,997	3,000	3,004	3,007	3,017	3,020	3,023	3,026	3,029	4,693
Difference	(0)	13,982	24,195	13,454	7,000	6,982	2,149	(2,686)	(2,696)	(2,693)	(2,685)	(2,677)	(2,680)	(2,681)	(2,680)	(2,673)	(2,707)	(2,752)	(2,755)	(2,755)	(2,751)	(2,819)	(2,897)	(2,901)	(2,902)	(2,901)	(2,900)	(2,908)	(2,915)	(2,918)	(3,828)
Tax Effect of Difference (Deferred tax)	(0)	3,544	6,132	3,410	1,774	1,769	545	(681)	(683)	(683)	(680)	(678)	(679)	(680)	(679)	(678)	(686)	(697)	(698)	(698)	(697)	(715)	(734)	(735)	(736)	(735)	(735)	(737)	(739)	(740)	(970)
Tax Effect of Cost of Removal/Salvage	5,948	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5,948
Book Effect of Cost of Removal/Salvage	5,948	198	198	198	198	198	198	198	198	198	198	198	198	198	198	198	198	198	198	198	198	198	198	198	198	198	198	198	198	198	198
Difference	0	(198)	(198)	(198)	(198)	(198)	(198)	(198)	(198)	(198)	(198)	(198)	(198)	(198)	(198)	(198)	(198)	(198)	(198)	(198)	(198)	(198)	(198)	(198)	(198)	(198)	(198)	(198)	(198)	(198)	5,749
Tax Effect of Difference (Deferred tax)	0	(50)	(50)	(50)	(50)	(50)	(50)	(50)	(50)	(50)	(50)	(50)	(50)	(50)	(50)	(50)	(50)	(50)	(50)	(50)	(50)	(50)	(50)	(50)	(50)	(50)	(50)	(50)	(50)	(50)	1,457
Total Deferred Tax	(0)	3,493	6,082	3,360	1,724	1,719	494	(731)	(733)	(731)	(729)	(730)	(730)	(730)	(728)	(736)	(748)	(749)	(748)	(749)	(748)	(765)	(784)	(785)	(786)	(785)	(785)	(787)	(789)	(790)	487
Accumulated Deferred Taxes		3,493	9,575	12,935	14,659	16,378	16,872	16,141	15,408	14,675	13,944	13,216	12,486	11,756	11,027	10,299	9,563	8,815	8,066	7,318	6,570	5,805	5,021	4,236	3,450	2,664	1,879	1,092	303	(487)	(0)

Insurance Expense ($000s)																															
Insurance - base rate (% of Plant)	0.12%																														
Insurance - inflation rate	3.0%																														
Insurance Expense ($000s)		125	129	133	137	141	145	150	154	159	164	169	174	180	185	191	197	203	210	216	223	230	237	244	252	260	268	276	285	294	303

Federal Tax Depreciation	
Capital Expenditures	102,738
Capital Expenditures - Solar	96,069
Capital Expenditures - Transmission	3,060
ITC Eligible Amount	99,142
ITC	21,811
Portion of ITC offsetting tax basis	10,906
Less land	0
Tax Basis	88,223

MACRS Schedule - Initial Investment

Year	5-yr	7-yr	15-yr	20-yr	39-yr	Composite	Fed Tax Deprec
Distribution	94.85%	0.00%	1.53%	3.62%	0.00%	100.00%	
1	20.00%	14.29%	5.00%	3.75%	0.11%	19.1817%	16,923
2	32.00%	24.49%	9.50%	7.22%	2.56%	30.7578%	27,135
3	19.20%	17.49%	8.55%	6.68%	2.56%	18.5832%	16,395
4	11.52%	12.49%	7.70%	6.18%	2.56%	11.2679%	9,941
5	11.52%	8.93%	6.93%	5.71%	2.56%	11.2393%	9,916
6	5.76%	8.92%	6.23%	5.29%	2.56%	5.7499%	5,073
7	0.00%	8.93%	5.90%	4.89%	2.56%	0.2673%	236
8	0.00%	4.46%	5.90%	4.52%	2.56%	0.2540%	224
9	0.00%	0.00%	5.91%	4.46%	2.56%	0.2519%	222
10	0.00%	0.00%	5.90%	4.46%	2.56%	0.2517%	222
11	0.00%	0.00%	5.91%	4.46%	2.56%	0.2519%	222
12	0.00%	0.00%	5.90%	4.46%	2.56%	0.2517%	222
13	0.00%	0.00%	5.91%	4.46%	2.56%	0.2519%	222
14	0.00%	0.00%	5.90%	4.46%	2.56%	0.2517%	222
15	0.00%	0.00%	5.91%	4.46%	2.56%	0.2519%	222
16	0.00%	0.00%	2.95%	4.46%	2.56%	0.2067%	182
17	0.00%	0.00%	0.00%	4.46%	2.56%	0.1618%	143
18	0.00%	0.00%	0.00%	4.46%	2.56%	0.1617%	143
19	0.00%	0.00%	0.00%	4.46%	2.56%	0.1618%	143
20	0.00%	0.00%	0.00%	4.46%	2.56%	0.1617%	143
21	0.00%	0.00%	0.00%	2.23%	2.56%	0.0809%	71
22	0.00%	0.00%	0.00%	0.00%	2.56%	0.0001%	0
23	0.00%	0.00%	0.00%	0.00%	2.56%	0.0001%	0
24	0.00%	0.00%	0.00%	0.00%	2.56%	0.0001%	0
25	0.00%	0.00%	0.00%	0.00%	2.56%	0.0001%	0
26	0.00%	0.00%	0.00%	0.00%	2.56%	0.0001%	0
27	0.00%	0.00%	0.00%	0.00%	2.56%	0.0001%	0
28	0.00%	0.00%	0.00%	0.00%	2.56%	0.0001%	0
29	0.00%	0.00%	0.00%	0.00%	2.56%	0.0001%	0
30	0.00%	0.00%	0.00%	0.00%	2.56%	0.0001%	0
31	0.00%	0.00%	0.00%	0.00%	2.56%	0.0001%	0
32	0.00%	0.00%	0.00%	0.00%	2.56%	0.0001%	0
33	0.00%	0.00%	0.00%	0.00%	2.56%	0.0001%	0
34	0.00%	0.00%	0.00%	0.00%	2.56%	0.0001%	0
35	0.00%	0.00%	0.00%	0.00%	2.56%	0.0001%	0
36	0.00%	0.00%	0.00%	0.00%	2.56%	0.0001%	0
37	0.00%	0.00%	0.00%	0.00%	2.56%	0.0001%	0
38	0.00%	0.00%	0.00%	0.00%	2.56%	0.0001%	0
39	0.00%	0.00%	0.00%	0.00%	2.56%	0.0001%	0
40	0.00%	0.00%	0.00%	0.00%	2.46%	0.0001%	0
Total	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	88,223

MACRS Schedule - Adds & Mods

Year	5-yr	7-yr	15-yr	20-yr	39-yr	Composite
	37.82%	0.00%	10.65%	51.53%	0.00%	100.00%
1	20.00%	14.29%	5.00%	3.75%	0.11%	10.0286%
2	32.00%	24.49%	9.50%	7.22%	2.56%	16.8337%
3	19.20%	17.49%	8.55%	6.68%	2.56%	11.6124%
4	11.52%	12.49%	7.70%	6.18%	2.56%	8.3598%
5	11.52%	8.93%	6.93%	5.71%	2.56%	8.0387%
6	5.76%	8.92%	6.23%	5.29%	2.56%	5.5653%
7	0.00%	8.93%	5.90%	4.89%	2.56%	3.1472%
8	0.00%	4.46%	5.90%	4.52%	2.56%	2.9586%
9	0.00%	0.00%	5.91%	4.46%	2.56%	2.9287%
10	0.00%	0.00%	5.90%	4.46%	2.56%	2.9271%
11	0.00%	0.00%	5.91%	4.46%	2.56%	2.9287%
12	0.00%	0.00%	5.90%	4.46%	2.56%	2.9271%
13	0.00%	0.00%	5.91%	4.46%	2.56%	2.9287%
14	0.00%	0.00%	5.90%	4.46%	2.56%	2.9271%
15	0.00%	0.00%	5.91%	4.46%	2.56%	2.9287%
16	0.00%	0.00%	2.95%	4.46%	2.56%	2.6130%
17	0.00%	0.00%	0.00%	4.46%	2.56%	2.2994%
18	0.00%	0.00%	0.00%	4.46%	2.56%	2.2989%
19	0.00%	0.00%	0.00%	4.46%	2.56%	2.2994%
20	0.00%	0.00%	0.00%	4.46%	2.56%	2.2989%
21	0.00%	0.00%	0.00%	2.23%	2.56%	1.1497%
22	0.00%	0.00%	0.00%	0.00%	2.56%	0.0000%
23	0.00%	0.00%	0.00%	0.00%	2.56%	0.0000%
24	0.00%	0.00%	0.00%	0.00%	2.56%	0.0000%
25	0.00%	0.00%	0.00%	0.00%	2.56%	0.0000%
26	0.00%	0.00%	0.00%	0.00%	2.56%	0.0000%
27	0.00%	0.00%	0.00%	0.00%	2.56%	0.0000%
28	0.00%	0.00%	0.00%	0.00%	2.56%	0.0000%
29	0.00%	0.00%	0.00%	0.00%	2.56%	0.0000%
30	0.00%	0.00%	0.00%	0.00%	2.56%	0.0000%
31	0.00%	0.00%	0.00%	0.00%	2.56%	0.0000%
32	0.00%	0.00%	0.00%	0.00%	2.56%	0.0000%
33	0.00%	0.00%	0.00%	0.00%	2.56%	0.0000%
34	0.00%	0.00%	0.00%	0.00%	2.56%	0.0000%
35	0.00%	0.00%	0.00%	0.00%	2.56%	0.0000%
36	0.00%	0.00%	0.00%	0.00%	2.56%	0.0000%
37	0.00%	0.00%	0.00%	0.00%	2.56%	0.0000%
38	0.00%	0.00%	0.00%	0.00%	2.56%	0.0000%
39	0.00%	0.00%	0.00%	0.00%	2.56%	0.0000%
40	0.00%	0.00%	0.00%	0.00%	2.46%	0.0000%
Total	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

Asset useful life 30

Tax Depreciation	Year	1 2022	2 2023	3 2024	4 2025	5 2026	6 2027	7 2028	8 2029	9 2030	10 2031	11 2032	12 2033	13 2034	14 2035	15 2036	16 2037	17 2038	18 2039	19 2040	20 2041	21 2042	22 2043	23 2044	24 2045	25 2046	26 2047	27 2048	28 2049	29 2050	30 2051
Initial Investment		88,223	16,923	27,135	16,395	9,941	9,916	5,073	236	224	222	222	222	222	222	222	222	182	143	143	143	143	71	0	0	0	0	0	0	0	1
Adds & Mods																															
Vintage	Capex																														
2022	0																														
2023	0																														
2024	0																														
2025	0																														
2026	100					10	17	12	8	6	6	3	3	3	3	3	3	3	3	3	3	2	2	2	1						60
2027	49						5	6	4	3	3	2	2	2	2	2	2	2	2	2	2	1	1	1	1	0					0
2028	57							6	10	7	5	3	2	2	2	2	2	2	2	2	2	1	1	1	1	1	0				0
2029	63								6	11	7	5	4	2	2	2	2	2	2	2	2	1	1	1	1	1	1	0				0
2030	70									7	13	9	6	4	2	3	2	3	2	3	2	1	1	1	1	1	1	1	0			0
2031	176										18	30	20	15	14	10	6	5	5	5	5	3	3	2	2	2	2	1	1	0		2
2032	81											8	14	9	7	7	5	3	2	3	3	2	2	1	1	1	1	1	1	0		1
2033	86												9	14	10	7	5	3	3	3	3	2	2	1	1	1	1	1	1	0		1
2034	90													9	15	10	8	5	3	3	3	2	2	1	1	1	1	1	1	0		2
2035	93														9	16	11	8	5	3	3	3	2	2	1	1	1	1	1	1	0		2
2036	211															21	16	25	18	8	5	3	3	3	2	2	1	1	1	1	0		5
2037	99																10	17	12	8	5	3	3	3	2	2	1	1	1	1	0		2
2038	101																	10	17	12	8	5	3	3	3	2	2	1	1	1	1	0	2
2039	102																		10	17	12	8	5	3	3	3	2	2	1	1	1	1	0	2
2040	103																			10	17	12	8	5	3	3	3	2	2	1	1	1	0	2
2041	203																				20	34	24	17	11	6	6	3	3	2	1	1	1	0	4
2042	103																					10	17	12	8	6	3	3	2	1	1	1	0	2
2043	102																						10	17	12	8	6	3	3	2	1	1	1	0	2
2044	101																							10	17	12	8	6	3	3	2	1	1	1	0	2
2045	100																								10	17	12	8	6	3	3	2	1	1	0	2
2046	198																									20	23	17	14	9	6	4	2	1	1	0	4
2047	96																										10	11	8	5	3	2	1	1	0	2
2048	93																											9	10	7	4	3	2	1	1	0	2
2049	91																												9	10	7	4	3	2	1	1	0	2
2050	88																													9	10	7	4	3	2	1	1	0	2
2051	185																														185
Total Fed tax depreciation	91,062	16,923	27,135	16,395	9,941	9,926	5,095	261	254	259	273	284	283	285	289	303	273	231	232	235	245	181	107	106	108	116	120	115	112	111	863

Property Tax																															
Property tax rate offset (generation)	0%																														
Property tax rate (generation)	0.00%																														
Book Value	99,678																														
Initial Investment		99,678	99,678	99,678	99,678	99,678	99,678	99,678	99,678	99,678	99,678	99,678	99,678	99,678	99,678	99,678	99,678	99,678	99,678	99,678	99,678	99,678	99,678	99,678	99,678	99,678	99,678	99,678	99,678	99,678	99,678
Cumulative Additions		0	0	0	0	100	149	206	269	339	515	596	681	771	864	1,076	1,174	1,275	1,377	1,480	1,682	1,785	1,887	1,988	2,088	2,285	2,381	2,474	2,565	2,654	2,839
Taxable Book Value		99,678	99,678	99,678	99,678	99,778	99,827	99,884	99,947	100,017	100,193	100,274	100,359	100,449	100,543	100,754	100,853	100,953	101,055	101,158	101,361	101,463	101,565	101,666	101,766	101,963	102,059	102,152	102,243	102,332	102,517
Annual Property Tax Expense (generation)		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Property tax rate (transmission)	0.000%	(average rate developed based on original cost)																													
Book Value	3,060																														
Initial Investment		3,060	3,060	3,060	3,060	3,060	3,060	3,060	3,060	3,060	3,060	3,060	3,060	3,060	3,060	3,060	3,060	3,060	3,060	3,060	3,060	3,060	3,060	3,060	3,060	3,060	3,060	3,060	3,060	3,060	3,060
Taxable Book Value		3,060	3,060	3,060	3,060	3,060	3,060	3,060	3,060	3,060	3,060	3,060	3,060	3,060	3,060	3,060	3,060	3,060	3,060	3,060	3,060	3,060	3,060	3,060	3,060	3,060	3,060	3,060	3,060	3,060	3,060
Annual Property Tax Expense (transmission)		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Tax Straight Line Depreciation																															
Vintage	Tax Basis																								

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| | | |

CONFIDENTIAL

($ in thousands)

Summary of Inputs	
Year 1	2023
Investment	95,321
Investment (Non-AFUDC)	95,321
Investment (AFUDC)	0
ITC eligible basis	91,984
Federal ITC	20.237
Useful life (years)	30

Year	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	
Gross Plant- Initial Capital	95,321	95,321	95,321	95,321	95,321	95,321	95,321	95,321	95,321	95,321	95,321	95,321	95,321	95,321	95,321	95,321	95,321	95,321	95,321	95,321	95,321	95,321	95,321	95,321	95,321	95,321	95,321	95,321	95,321	95,321	
Cumulative Adds & Mods	0	0	0	0	100	149	206	269	310	535	596	681	721	864	1,076	1,174	1,275	1,377	1,480	1,682	1,765	1,882	1,988	2,088	2,285	2,381	2,474	2,565	2,654	2,839	
Gross Plant	95,321	95,321	95,321	95,321	95,421	95,470	95,527	95,590	95,630	95,835	95,916	96,002	96,042	96,185	96,396	96,495	96,596	96,698	96,800	97,003	97,086	97,203	97,309	97,408	97,606	97,702	97,795	97,886	97,974	98,160	
Annual Depreciation	(3,177)	(3,177)	(3,177)	(3,177)	(3,181)	(3,182)	(3,184)	(3,186)	(3,189)	(3,195)	(3,197)	(3,200)	(3,203)	(3,206)	(3,213)	(3,217)	(3,220)	(3,223)	(3,227)	(3,233)	(3,237)	(3,240)	(3,244)	(3,247)	(3,254)	(3,257)	(3,260)	(3,263)	(3,266)	(3,266)	(4,928)
Accumulated Depreciation	(3,177)	(6,355)	(9,532)	(12,709)	(15,890)	(19,072)	(22,257)	(25,443)	(28,632)	(31,826)	(35,023)	(38,223)	(41,426)	(44,633)	(47,846)	(51,062)	(54,282)	(57,505)	(60,732)	(63,966)	(67,202)	(70,443)	(73,686)	(76,933)	(80,187)	(83,443)	(86,703)	(89,966)	(93,232)	(98,160)	(103,088)
Cost of Removal/Salvage Accrual	(191)	(191)	(191)	(191)	(191)	(191)	(191)	(191)	(191)	(191)	(191)	(191)	(191)	(191)	(191)	(191)	(191)	(191)	(191)	(191)	(191)	(191)	(191)	(191)	(191)	(191)	(191)	(191)	(191)	(191)	(191)
Cost of Removal/Salvage Realization	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5,719
Accumulated Cost of Removal/Salvage Accrual	(191)	(383)	(572)	(763)	(953)	(1,144)	(1,334)	(1,525)	(1,716)	(1,906)	(2,097)	(2,288)	(2,478)	(2,669)	(2,860)	(3,050)	(3,241)	(3,432)	(3,622)	(3,813)	(4,003)	(4,194)	(4,385)	(4,575)	(4,766)	(4,957)	(5,147)	(5,338)	(5,529)	0	
Accumulated Deferred Taxes	(1,363)	(9,232)	(12,472)	(14,134)	(15,793)	(16,270)	(15,567)	(14,860)	(14,155)	(13,451)	(12,750)	(12,048)	(11,345)	(10,643)	(9,942)	(9,234)	(8,514)	(7,793)	(7,073)	(6,353)	(5,616)	(4,859)	(4,101)	(3,343)	(2,585)	(1,827)	(1,067)	(308)	457	(0)	
Rate Base	88,585	79,353	72,745	67,714	62,784	58,983	56,369	53,761	51,157	48,651	46,046	43,443	40,842	38,241	35,749	33,149	30,559	27,967	25,373	22,871	20,283	17,711	15,136	12,556	10,068	7,474	4,877	2,276	(330)	(0)	
WACC Revenue Requirement on Rate Base	8.94%	8,221	7,507	6,799	6,279	5,833	5,443	5,156	4,923	4,690	4,461	4,233	4,000	3,768	3,535	3,307	3,080	2,848	2,616	2,384	2,157	1,929	1,698	1,468	1,238	1,013	784	552	320	87	(15)
Federal ITC Amortization	0	0	0	0	(778)	(778)	(778)	(778)	(778)	(778)	(778)	(778)	(778)	(778)	(778)	(778)	(778)	(778)	(778)	(778)	(778)	(778)	(778)	(778)	(778)	(778)	(778)	(778)	(778)	(778)	(778)
Gross-up on Federal ITC Amortization	0	0	0	0	(264)	(264)	(264)	(264)	(264)	(264)	(264)	(264)	(264)	(264)	(264)	(264)	(264)	(264)	(264)	(264)	(264)	(264)	(264)	(264)	(264)	(264)	(264)	(264)	(264)	(264)	(264)
Gross-up on Book/Tax SL depreciation Difference	115	115	115	115	115	115	115	115	115	115	115	115	115	115	115	115	115	115	115	115	115	115	115	115	115	115	115	115	115	115	115
Depreciation Expense	3,177	3,177	3,177	3,177	3,181	3,182	3,184	3,186	3,189	3,195	3,197	3,200	3,203	3,206	3,213	3,217	3,220	3,223	3,227	3,233	3,237	3,240	3,244	3,247	3,254	3,257	3,260	3,263	3,266	4,928	
Cost of Removal/Salvage Accrual	191	191	191	191	191	191	191	191	191	191	191	191	191	191	191	191	191	191	191	191	191	191	191	191	191	191	191	191	191	191	191
O&M - operating	623	633	647	662	682	750	768	786	806	826	843	862	883	946	929	946	968	991	1,015	1,044	1,064	1,089	1,115	1,142	1,173	1,198	1,227	1,257	1,288	1,324	
Lease expense	410	418	426	435	444	452	462	471	480	490	500	510	520	530	541	552	563	574	585	597	609	621	634	646	659	672	686	700	713	728	
Property Taxes	320	310	303	293	284	274	264	254	245	231	222	209	196	183	170	783	713	636	554	489	448	424	424	375	373	342	326	326	326	326	
Insurance	116	120	123	127	131	135	139	143	148	152	157	162	167	172	178	183	189	195	201	207	214	220	227	234	242	249	257	265	273	282	
Sum of Revenue Requirements ($000)	$13,172	$12,469	$11,781	$11,278	$9,817	$9,469	$9,235	$9,026	$8,818	$8,620	$8,414	$8,205	$7,998	$7,834	$7,600	$8,022	$7,767	$7,498	$7,229	$6,990	$6,804	$6,556	$6,374	$6,145	$5,978	$5,765	$5,570	$5,392	$5,216	$6,835	
NPV of Revenue Requirements	116,949																														
Levelized Revenue Requirement	116,949	9,142	9,142	9,142	9,142	9,142	9,142	9,142	9,142	9,142	9,142	9,142	9,142	9,142	9,142	9,142	9,142	9,142	9,142	9,142	9,142	9,142	9,142	9,142	9,142	9,142	9,142	9,142	9,142	9,142	

Deferred Income Tax Calculation																															
Book Basis		95,321	95,321	95,321	95,321	95,321	95,321	95,321	95,321	95,321	95,321	95,321	95,321	95,321	95,321	95,321	95,321	95,321	95,321	95,321	95,321	95,321	95,321	95,321	95,321	95,321	95,321	95,321	95,321	95,321	
Federal ITC Basis Reduction		(10,118)	(10,118)	(10,118)	(10,118)	(10,118)	(10,118)	(10,118)	(10,118)	(10,118)	(10,118)	(10,118)	(10,118)	(10,118)	(10,118)	(10,118)	(10,118)	(10,118)	(10,118)	(10,118)	(10,118)	(10,118)	(10,118)	(10,118)	(10,118)	(10,118)	(10,118)	(10,118)	(10,118)	(10,118)	
Land		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Tax Basis		85,202	85,202	85,202	85,202	85,202	85,202	85,202	85,202	85,202	85,202	85,202	85,202	85,202	85,202	85,202	85,202	85,202	85,202	85,202	85,202	85,202	85,202	85,202	85,202	85,202	85,202	85,202	85,202	85,202	
Tax Accelerated Depreciation	88,041	16,318	26,168	15,814	9,592	9,577	4,920	261	253	258	272	283	283	284	289	302	274	234	234	237	248	182	107	106	108	116	320	115	112	111	863
Tax Straight Line Depreciation	88,041	2,840	2,840	2,840	2,840	2,843	2,845	2,847	2,849	2,851	2,857	2,860	2,863	2,866	2,869	2,876	2,879	2,883	2,886	2,890	2,900	2,903	2,906	2,910	2,916	2,919	2,923	2,926	2,929	4,590	
Difference	0	13,478	23,328	12,974	6,752	6,734	2,075	(2,586)	(2,596)	(2,593)	(2,585)	(2,577)	(2,580)	(2,581)	(2,580)	(2,573)	(2,605)	(2,649)	(2,652)	(2,652)	(2,648)	(2,717)	(2,796)	(2,800)	(2,802)	(2,800)	(2,799)	(2,807)	(2,814)	(2,818)	(3,727)
Tax Effect of Difference (Deferred tax)	0	3,416	5,912	3,288	1,711	1,707	526	(655)	(658)	(657)	(655)	(653)	(654)	(654)	(654)	(652)	(660)	(671)	(672)	(672)	(671)	(689)	(709)	(710)	(710)	(710)	(709)	(712)	(713)	(714)	(945)
Tax Effect of Cost of Removal/Salvage	5,719	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5,719
Book Effect of Cost of Removal/Salvage	5,719	191	191	191	191	191	191	191	191	191	191	191	191	191	191	191	191	191	191	191	191	191	191	191	191	191	191	191	191	191	191
Difference	0	(191)	(191)	(191)	(191)	(191)	(191)	(191)	(191)	(191)	(191)	(191)	(191)	(191)	(191)	(191)	(191)	(191)	(191)	(191)	(191)	(191)	(191)	(191)	(191)	(191)	(191)	(191)	(191)	(191)	(5,529)
Tax Effect of Difference (Deferred tax)	0	(48)	(48)	(48)	(48)	(48)	(48)	(48)	(48)	(48)	(48)	(48)	(48)	(48)	(48)	(48)	(48)	(48)	(48)	(48)	(48)	(48)	(48)	(48)	(48)	(48)	(48)	(48)	(48)	(48)	(1,421)
Total Deferred Tax	0	3,368	5,864	3,240	1,663	1,658	478	(704)	(706)	(706)	(703)	(701)	(702)	(703)	(702)	(701)	(709)	(720)	(721)	(720)	(720)	(737)	(757)	(757)	(758)	(758)	(758)	(760)	(762)	(762)	457
Accumulated Deferred Taxes		3,368	9,232	12,472	14,134	15,793	16,270	15,567	14,860	14,155	13,451	12,750	12,048	11,345	10,643	9,942	9,234	8,514	7,793	7,073	6,353	5,616	4,859	4,101	3,343	2,585	1,827	1,067	306	(457)	0

Insurance Expense ($000s)																															
Insurance - base rate (% of Plant)	0.12%																														
Insurance - Inflation rate	3.0%																														
Insurance Expense ($000s)		116	120	123	127	131	135	139	143	148	152	157	162	167	172	178	183	189	195	201	207	214	220	227	234	242	249	257	265	273	282

Federal Tax Depreciation	
Capital Expenditures	95,321
Capital Expenditures - Solar	92,198
Capital Expenditures - Transmission	3,123
ITC Eligible Amount	91,984
ITC	20,236.56
Portion of ITC offsetting tax basis	10,118
Less land	0
Tax Basis	85,202

Asset useful life: 30

MACRS Schedule - Initial Investment

Year	5-yr	7-yr	15-yr	20-yr	39-yr	Composite	Fed Tax Deprec
Distribution	94.66%	0.00%	1.52%	3.81%	0.00%	100.00%	
2023 1	20.00%	14.29%	5.00%	3.75%	0.11%	19.1518%	16,318
2024 2	32.00%	24.49%	9.50%	7.22%	2.56%	30.7123%	26,168
2025 3	19.20%	17.49%	8.55%	6.68%	2.56%	18.5602%	15,814
2026 4	11.52%	12.49%	7.70%	6.18%	2.56%	11.2580%	9,592
2027 5	11.52%	8.93%	6.93%	5.71%	2.56%	11.2286%	9,567
2028 6	5.76%	8.92%	6.23%	5.29%	2.56%	5.7460%	4,896
2029 7	0.00%	8.93%	5.90%	4.89%	2.56%	0.2762%	235
2030 8	0.00%	4.46%	5.90%	4.52%	2.56%	0.2622%	223
2031 9	0.00%	0.00%	5.91%	4.46%	2.56%	0.2601%	222
2032 10	0.00%	0.00%	5.90%	4.46%	2.56%	0.2599%	221
2033 11	0.00%	0.00%	5.91%	4.46%	2.56%	0.2601%	222
2034 12	0.00%	0.00%	5.90%	4.46%	2.56%	0.2599%	221
2035 13	0.00%	0.00%	5.91%	4.46%	2.56%	0.2601%	222
2036 14	0.00%	0.00%	5.90%	4.46%	2.56%	0.2599%	221
2037 15	0.00%	0.00%	5.91%	4.46%	2.56%	0.2601%	222
2038 16	0.00%	0.00%	2.95%	4.46%	2.56%	0.2150%	183
2039 17	0.00%	0.00%	0.00%	4.46%	2.56%	0.1701%	145
2040 18	0.00%	0.00%	0.00%	4.46%	2.56%	0.1701%	145
2041 19	0.00%	0.00%	0.00%	4.46%	2.56%	0.1701%	145
2042 20	0.00%	0.00%	0.00%	4.46%	2.56%	0.1701%	145
2043 21	0.00%	0.00%	0.00%	2.23%	2.56%	0.0851%	72
2044 22	0.00%	0.00%	0.00%	0.00%	2.56%	0.0001%	0
2045 23	0.00%	0.00%	0.00%	0.00%	2.56%	0.0001%	0
2046 24	0.00%	0.00%	0.00%	0.00%	2.56%	0.0001%	0
2047 25	0.00%	0.00%	0.00%	0.00%	2.56%	0.0001%	0
2048 26	0.00%	0.00%	0.00%	0.00%	2.56%	0.0001%	0
2049 27	0.00%	0.00%	0.00%	0.00%	2.56%	0.0001%	0
2050 28	0.00%	0.00%	0.00%	0.00%	2.56%	0.0001%	0
2051 29	0.00%	0.00%	0.00%	0.00%	2.56%	0.0001%	0
2052 30	0.00%	0.00%	0.00%	0.00%	2.56%	0.0001%	0
2053 31	0.00%	0.00%	0.00%	0.00%	2.56%	0.0001%	0
2054 32	0.00%	0.00%	0.00%	0.00%	2.56%	0.0001%	0
2055 33	0.00%	0.00%	0.00%	0.00%	2.56%	0.0001%	0
2056 34	0.00%	0.00%	0.00%	0.00%	2.56%	0.0001%	0
2057 35	0.00%	0.00%	0.00%	0.00%	2.56%	0.0001%	0
2058 36	0.00%	0.00%	0.00%	0.00%	2.56%	0.0001%	0
2059 37	0.00%	0.00%	0.00%	0.00%	2.56%	0.0001%	0
2060 38	0.00%	0.00%	0.00%	0.00%	2.56%	0.0001%	0
2061 39	0.00%	0.00%	0.00%	0.00%	2.56%	0.0001%	0
2062 40	0.00%	0.00%	0.00%	0.00%	2.46%	0.0001%	0
Total	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	85,202

MACRS Schedule - Adds & Mods

Year	5-yr	7-yr	15-yr	20-yr	39-yr	Composite
	37.82%	0.00%	10.65%	51.53%	0.00%	100.00%
1	20.00%	14.29%	5.00%	3.75%	0.11%	10.0286%
2	32.00%	24.49%	9.50%	7.22%	2.56%	16.8337%
3	19.20%	17.49%	8.55%	6.68%	2.56%	11.6124%
4	11.52%	12.49%	7.70%	6.18%	2.56%	8.3598%
5	11.52%	8.93%	6.93%	5.71%	2.56%	8.0387%
6	5.76%	8.92%	6.23%	5.29%	2.56%	5.5653%
7	0.00%	8.93%	5.90%	4.89%	2.56%	3.1472%
8	0.00%	4.46%	5.90%	4.52%	2.56%	2.9586%
9	0.00%	0.00%	5.91%	4.46%	2.56%	2.9287%
10	0.00%	0.00%	5.90%	4.46%	2.56%	2.9271%
11	0.00%	0.00%	5.91%	4.46%	2.56%	2.9287%
12	0.00%	0.00%	5.90%	4.46%	2.56%	2.9271%
13	0.00%	0.00%	5.91%	4.46%	2.56%	2.9287%
14	0.00%	0.00%	5.90%	4.46%	2.56%	2.9271%
15	0.00%	0.00%	5.91%	4.46%	2.56%	2.9287%
16	0.00%	0.00%	2.95%	4.46%	2.56%	2.6130%
17	0.00%	0.00%	0.00%	4.46%	2.56%	2.2994%
18	0.00%	0.00%	0.00%	4.46%	2.56%	2.2939%
19	0.00%	0.00%	0.00%	4.46%	2.56%	2.2994%
20	0.00%	0.00%	0.00%	4.46%	2.56%	2.2939%
21	0.00%	0.00%	0.00%	2.23%	2.56%	1.1497%
22	0.00%	0.00%	0.00%	0.00%	2.56%	0.0000%
23	0.00%	0.00%	0.00%	0.00%	2.56%	0.0000%
24	0.00%	0.00%	0.00%	0.00%	2.56%	0.0000%
25	0.00%	0.00%	0.00%	0.00%	2.56%	0.0000%
26	0.00%	0.00%	0.00%	0.00%	2.56%	0.0000%
27	0.00%	0.00%	0.00%	0.00%	2.56%	0.0000%
28	0.00%	0.00%	0.00%	0.00%	2.56%	0.0000%
29	0.00%	0.00%	0.00%	0.00%	2.56%	0.0000%
30	0.00%	0.00%	0.00%	0.00%	2.56%	0.0000%
31	0.00%	0.00%	0.00%	0.00%	2.56%	0.0000%
32	0.00%	0.00%	0.00%	0.00%	2.56%	0.0000%
33	0.00%	0.00%	0.00%	0.00%	2.56%	0.0000%
34	0.00%	0.00%	0.00%	0.00%	2.56%	0.0000%
35	0.00%	0.00%	0.00%	0.00%	2.56%	0.0000%
36	0.00%	0.00%	0.00%	0.00%	2.56%	0.0000%
37	0.00%	0.00%	0.00%	0.00%	2.56%	0.0000%
38	0.00%	0.00%	0.00%	0.00%	2.56%	0.0000%
39	0.00%	0.00%	0.00%	0.00%	2.56%	0.0000%
40	0.00%	0.00%	0.00%	0.00%	2.46%	0.0000%
Total	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

Tax Depreciation	Year	1 2023	2 2024	3 2025	4 2026	5 2027	6 2028	7 2029	8 2030	9 2031	10 2032	11 2033	12 2034	13 2035	14 2036	15 2037	16 2038	17 2039	18 2040	19 2041	20 2042	21 2043	22 2044	23 2045	24 2046	25 2047	26 2048	27 2049	28 2050	29 2051	30 2052
Initial Investment	85,202	16,318	26,168	15,814	9,592	9,567	4,898	235	223	222	221	222	221	222	221	222	183	145	145	145	145	72	0	0	0	0	0	0	0	0	1
Adds & Mods																															
Vintage	Capex																														
2023	0																														
2024	0																														
2025	0																														
2026	0																														
2027	100					10	17	12	8	8	6	3	3	3	3	3	3	3	3	3	3	1	1	2	2	2	1	1	1	1	(0)
2028	49						5	8	6	4	4	3	3	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	0
2029	57							9	6	5	4	3	3	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	0
2030	63								6	6	5	4	3	3	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	0
2031	70									7	6	4	4	3	3	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	0
2032	176										14	12	11	9	8	7	7	6	6	6	6	3	3	3	3	3	3	3	3	3	2
2033	81											9	7	6	5	4	4	3	3	3	3	2	2	2	2	2	2	2	2	2	1
2034	86												14	11	9	8	7	6	6	6	6	3	3	3	3	3	3	3	3	3	2
2035	90													15	12	10	8	7	7	6	6	3	3	3	3	3	3	3	3	3	2
2036	93													9	16	11	9	8	8	7	7	3	3	3	3	3	3	3	3	3	2
2037	211														23	16	25	18	17	16	16	8	8	8	8	8	8	8	8	8	5
2038	99															17	11	8	8	7	7	4	4	4	4	4	4	4	4	4	2
2039	101															10	17	12	8	8	8	4	4	4	4	4	4	4	4	4	3
2040	102																10	17	12	8	8	4	4	4	4	4	4	4	4	4	3
2041	103																	10	17	12	8	4	4	4	4	4	4	4	4	4	3
2042	203																		20	34	24	17	16	11	6	6	6	6	6	6	5
2043	103																			10	17	12	8	8	6	6	6	6	6	6	3
2044	102																				10	17	12	8	8	6	6	6	6	6	3
2045	101																					10	17	12	8	8	6	6	6	6	3
2046	100																						10	17	12	8	8	6	6	6	3
2047	198																							20	33	23	16	11	11	11	6
2048	96																							10	16	11	8	5	5	5	3
2049	93																								10	16	11	8	5	5	3
2050	91																									10	16	11	8	5	3
2051	88																										10	16	11	8	5
2052	185																											20	33	23	11
Total Fed tax depreciation	88,041	16,318	26,168	15,814	9,592	9,577	4,920	261	253	258	272	283	283	284	289	302	274	234	234	237	248	182	107	106	108	116	120	115	112	111	863

Property Tax																															
Property tax rate offset (generation)	0%																														
Property tax rate (generation)	0.00%																														
Book Value	92,199																														
Initial Investment		92,199	92,199	92,199	92,199	92,199	92,198	92,199	92,199	92,199	92,199	92,199	92,199	92,199	92,199	92,199	92,199	92,199	92,199	92,199	92,199	92,199	92,199	92,199	92,199	92,199	92,199	92,199	92,199	92,199	92,199
Cumulative Additions		0	0	0	0	100	149	206	269	310	535	596	681	721	864	1,076	1,174	1,275	1,377	1,480	1,682	1,765	1,882	1,988	2,088	2,285	2,381	2,474	2,565	2,654	2,839
Taxable Book Value		92,199	92,199	92,199	92,199	92,299	92,349	92,405	92,469	92,509	92,734	92,795	92,881	92,970	93,064	93,275	93,374	93,474	93,576	93,679	93,882	93,964	94,086	94,187	94,287	94,485	94,580	94,674	94,765	94,853	95,039
Annual Property Tax Expense (generation)		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Property tax rate (transmission)	0.000%	(average rate developed based on original cost)																													
Book Value	3,121																														
Initial Investment		3,121	3,121	3,121	3,121	3,121	3,121	3,121	3,121	3,121	3,121	3,121	3,121	3,121	3,121	3,121	3,121	3,121	3,121	3,121	3,121	3,121	3,121	3,121	3,121	3,121	3,121	3,121	3,121	3,121	3,121
Taxable Book Value		3,121	3,121	3,121	3,121	3,121	3,121	3,121	3,121	3,121	3,121	3,121	3,121	3,121	3,121	3,121	3,121	3,121	3,121	3,121	3,121	3,121	3,121	3,121	3,121	3,121	3,121	3,121	3,121	3,121	3,121
Annual Property Tax Expense (transmission)		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

| Tax Straight Line Depreciation | Vintage | Tax Basis | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---

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2052	185																															185
Total Tax Straight Line Depreciation	88,041		2,840	2,840	2,840	2,840	2,843	2,845	2,847	2,849	2,851	2,857	2,860	2,863	2,866	2,869	2,876	2,879	2,883	2,886	2,889	2,896	2,900	2,903	2,906	2,910	2,916	2,919	2,923	2,926	2,929	4,590

Year of monetization	2027	2028
% monetized	100%	0%
ITC	20,237	0
Asset useful life	30	30
# of years w/out fed tax appetite	4	5
# of years to amortize ITC	26	25
Annual ITC amortization	778	0

Year Number	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
Year	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	
1st Year ITC Amortization schedule					778	778	778	778	778	778	778	778	778	778	778	778	778	778	778	778	778	778	778	778	778	778	778	778	778	778	
1st Year Annual ITC					20,237																										
1st Year 1/2 of ITC					10,118																										
2nd Year ITC Amortization schedule																															
2nd Year Annual ITC																															
2nd Year 1/2 of ITC																															
Total ITC Amortization schedule					778	778	778	778	778	778	778	778	778	778	778	778	778	778	778	778	778	778	778	778	778	778	778	778	778	778	
Total Annual ITC					20,237																										
Cumulative ITC					20,237	20,237	20,237	20,237	20,237	20,237	20,237	20,237	20,237	20,237	20,237	20,237	20,237	20,237	20,237	20,237	20,237	20,237	20,237	20,237	20,237	20,237	20,237	20,237	20,237	20,237	
Total 1/2 of ITC					10,118																										
ITC					20,237	20,237	20,237	20,237	20,237	20,237	20,237	20,237	20,237	20,237	20,237	20,237	20,237	20,237	20,237	20,237	20,237	20,237	20,237	20,237	20,237	20,237	20,237	20,237	20,237	20,237	
ITC Amortisation					(778)	(778)	(778)	(778)	(778)	(778)	(778)	(778)	(778)	(778)	(778)	(778)	(778)	(778)	(778)	(778)	(778)	(778)	(778)	(778)	(778)	(778)	(778)	(778)	(778)	(778)	
Accumulated ITC Amortisation					(778)	(1,557)	(2,335)	(3,113)	(3,892)	(4,670)	(5,448)	(6,227)	(7,005)	(7,783)	(8,562)	(9,340)	(10,118)	(10,897)	(11,675)	(12,453)	(13,232)	(14,010)	(14,788)	(15,567)	(16,345)	(17,123)	(17,902)	(18,680)	(19,458)	(20,237)	
Unamortized ITC	-	-	-	-	19,458	18,680	17,902	17,123	16,345	15,567	14,788	14,010	13,232	12,453	11,675	10,897	10,118	9,340	8,562	7,783	7,005	6,227	5,448	4,670	3,892	3,113	2,335	1,557	778	-	

CONFIDENTIAL

($ in thousands)

Summary of Inputs

Year 1	2024
Investment	91,517
Investment (Non-AFUDC)	91,517
Investment (AFUDC)	0
ITC eligible basis	88,334
Federal ITC	8,831.41
Useful life (years)	30

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
# of years																														
Year	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053
Gross Plant- Initial Capital	91,517	91,517	91,517	91,517	91,517	91,517	91,517	91,517	91,517	91,517	91,517	91,517	91,517	91,517	91,517	91,517	91,517	91,517	91,517	91,517	91,517	91,517	91,517	91,517	91,517	91,517	91,517	91,517	91,517	91,517
Cumulative Adds & Mods	0	0	0	0	100	149	206	269	339	515	596	681	771	864	1,076	1,174	1,275	1,377	1,480	1,682	1,785	1,887	1,988	2,088	2,285	2,381	2,474	2,565	2,654	2,839
Gross Plant	91,517	91,517	91,517	91,517	91,617	91,667	91,723	91,787	91,856	92,032	92,113	92,198	92,288	92,382	92,593	92,692	92,792	92,894	92,997	93,200	93,302	93,404	93,505	93,605	93,802	93,898	93,992	94,083	94,171	94,356
Annual Depreciation	(3,051)	(3,051)	(3,051)	(3,051)	(3,054)	(3,056)	(3,057)	(3,060)	(3,062)	(3,068)	(3,070)	(3,073)	(3,076)	(3,079)	(3,086)	(3,090)	(3,093)	(3,096)	(3,100)	(3,107)	(3,110)	(3,113)	(3,117)	(3,120)	(3,127)	(3,130)	(3,133)	(3,136)	(3,139)	(4,801)
Accumulated Depreciation	(3,051)	(6,101)	(9,152)	(12,202)	(15,256)	(18,312)	(21,369)	(24,429)	(27,491)	(30,558)	(33,629)	(36,702)	(39,778)	(42,858)	(45,944)	(49,034)	(52,127)	(55,223)	(58,323)	(61,430)	(64,540)	(67,654)	(70,770)	(73,891)	(77,017)	(80,147)	(83,280)	(86,416)	(89,555)	(94,356)
Cost of Removal/Salvage Accrual	(183)	(183)	(183)	(183)	(183)	(183)	(183)	(183)	(183)	(183)	(183)	(183)	(183)	(183)	(183)	(183)	(183)	(183)	(183)	(183)	(183)	(183)	(183)	(183)	(183)	(183)	(183)	(183)	(183)	(183)
Cost of Removal/Salvage Realization	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5,491
Accumulated Cost of Removal/Salvage Accrual	(183)	(366)	(549)	(732)	(915)	(1,098)	(1,281)	(1,464)	(1,647)	(1,830)	(2,013)	(2,196)	(2,379)	(2,562)	(2,746)	(2,929)	(3,112)	(3,295)	(3,478)	(3,661)	(3,844)	(4,027)	(4,210)	(4,393)	(4,576)	(4,759)	(4,942)	(5,125)	(5,308)	0
Accumulated Deferred Taxes	(3,438)	(9,425)	(12,735)	(14,436)	(16,131)	(16,622)	(15,908)	(15,191)	(14,474)	(13,760)	(13,048)	(12,334)	(11,621)	(10,908)	(10,196)	(9,476)	(8,745)	(8,014)	(7,282)	(6,551)	(5,801)	(5,030)	(4,258)	(3,486)	(2,713)	(1,942)	(1,168)	(392)	385	0
Rate Base	84,846	75,625	69,082	64,147	59,315	55,634	53,165	50,703	48,244	45,883	43,423	40,966	38,510	36,054	33,707	31,253	28,808	26,362	23,914	21,558	19,117	16,694	14,267	11,836	9,496	7,051	4,602	2,149	(308)	0

WACC Revenue Requirement on Rate Base	8.94%	7,883	7,173	6,468	5,955	5,519	5,138	4,863	4,643	4,423	4,208	3,992	3,772	3,553	3,333	3,118	2,904	2,685	2,466	2,247	2,033	1,818	1,601	1,384	1,167	954	740	521	302	82	(14)
Federal ITC Amortization	0	0	0	(327)	(327)	(327)	(327)	(327)	(327)	(327)	(327)	(327)	(327)	(327)	(327)	(327)	(327)	(327)	(327)	(327)	(327)	(327)	(327)	(327)	(327)	(327)	(327)	(327)	(327)	(327)
Gross-up on Federal ITC Amortization	0	0	0	(111)	(111)	(111)	(111)	(111)	(111)	(111)	(111)	(111)	(111)	(111)	(111)	(111)	(111)	(111)	(111)	(111)	(111)	(111)	(111)	(111)	(111)	(111)	(111)	(111)	(111)	(111)
Gross-up on Book/Tax SL depreciation Difference	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50
Depreciation Expense	3,051	3,051	3,051	3,051	3,054	3,056	3,057	3,060	3,062	3,068	3,070	3,073	3,076	3,079	3,086	3,090	3,093	3,096	3,100	3,107	3,110	3,113	3,117	3,120	3,127	3,130	3,133	3,136	3,139	4,801
Cost of Removal/Salvage Accrual	183	183	183	183	183	183	183	183	183	183	183	183	183	183	183	183	183	183	183	183	183	183	183	183	183	183	183	183	183	183
O&M - operating	634	643	658	673	694	762	780	798	817	841	856	876	897	960	944	961	984	1,007	1,031	1,061	1,081	1,107	1,133	1,161	1,194	1,218	1,247	1,278	1,309	1,346
Lease expense	418	426	435	444	452	462	471	480	490	500	510	520	530	541	552	563	574	585	597	609	621	634	646	659	672	686	700	713	728	742
Property Taxes	307	297	291	282	272	263	254	244	235	222	213	200	188	175	814	751	689	630	570	470	407	407	360	360	329	313	313	313	313	313
Insurance	111	115	118	122	126	129	133	137	142	146	151	155	160	165	171	176	181	187	193	199	205	212	218	225	232	239	247	255	262	271
Sum of Revenue Requirements ($000)	$12,637	$11,938	$11,254	$10,321	$9,912	$9,604	$9,353	$9,157	$8,963	$8,779	$8,586	$8,392	$8,199	$8,049	$8,480	$8,240	$8,001	$7,748	$7,495	$7,272	$7,100	$6,868	$6,701	$6,487	$6,334	$6,136	$5,955	$5,791	$5,628	$7,254
NPV of Revenue Requirements	117,020																													
Levelized Revenue Requirement	117,020	9,148	9,148	9,148	9,148	9,148	9,148	9,148	9,148	9,148	9,148	9,148	9,148	9,148	9,148	9,148	9,148	9,148	9,148	9,148	9,148	9,148	9,148	9,148	9,148	9,148	9,148	9,148	9,148	9,148

Deferred Income Tax Calculation																														
Book Basis	91,517	91,517	91,517	91,517	91,517	91,517	91,517	91,517	91,517	91,517	91,517	91,517	91,517	91,517	91,517	91,517	91,517	91,517	91,517	91,517	91,517	91,517	91,517	91,517	91,517	91,517	91,517	91,517	91,517	91,517
Federal ITC Basis Reduction	(4,416)	(4,416)	(4,416)	(4,416)	(4,416)	(4,416)	(4,416)	(4,416)	(4,416)	(4,416)	(4,416)	(4,416)	(4,416)	(4,416)	(4,416)	(4,416)	(4,416)	(4,416)	(4,416)	(4,416)	(4,416)	(4,416)	(4,416)	(4,416)	(4,416)	(4,416)	(4,416)	(4,416)	(4,416)	(4,416)
Land	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tax Basis	87,101	87,101	87,101	87,101	87,101	87,101	87,101	87,101	87,101	87,101	87,101	87,101	87,101	87,101	87,101	87,101	87,101	87,101	87,101	87,101	87,101	87,101	87,101	87,101	87,101	87,101	87,101	87,101	87,101	87,101
Tax Accelerated Depreciation	89,941	16,653	26,708	16,144	9,797	9,780	5,028	275	266	271	285	296	295	297	301	315	286	345	245	248	259	188	107	106	108	116	120	115	112	111	863
Tax Straight Line Depreciation	89,941	2,903	2,903	2,903	2,903	2,907	2,908	2,910	2,912	2,915	2,923	2,926	2,929	2,932	2,939	2,943	2,946	2,949	2,953	2,959	2,963	2,966	2,970	2,973	2,980	2,983	2,986	2,989	2,992	4,654
Difference	(0)	13,750	23,804	13,241	6,893	6,873	2,120	(2,636)	(2,646)	(2,644)	(2,635)	(2,627)	(2,631)	(2,632)	(2,631)	(2,624)	(2,657)	(2,701)	(2,704)	(2,704)	(2,701)	(2,775)	(2,859)	(2,863)	(2,865)	(2,863)	(2,863)	(2,871)	(2,877)	(2,881)	(3,790)
Tax Effect of Difference (Deferred tax)	(0)	3,485	6,033	3,356	1,747	1,742	537	(668)	(671)	(670)	(668)	(666)	(667)	(667)	(667)	(665)	(673)	(685)	(685)	(685)	(684)	(703)	(725)	(726)	(726)	(726)	(726)	(728)	(729)	(730)	(961)
Tax Effect of Cost of Removal/Salvage	5,491	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5,491
Book Effect of Cost of Removal/Salvage	5,491	183	183	183	183	183	183	183	183	183	183	183	183	183	183	183	183	183	183	183	183	183	183	183	183	183	183	183	183	183	5,308
Difference	0	(183)	(183)	(183)	(183)	(183)	(183)	(183)	(183)	(183)	(183)	(183)	(183)	(183)	(183)	(183)	(183)	(183)	(183)	(183)	(183)	(183)	(183)	(183)	(183)	(183)	(183)	(183)	(183)	(183)	183
Tax Effect of Difference (Deferred tax)	0	(46)	(46)	(46)	(46)	(46)	(46)	(46)	(46)	(46)	(46)	(46)	(46)	(46)	(46)	(46)	(46)	(46)	(46)	(46)	(46)	(46)	(46)	(46)	(46)	(46)	(46)	(46)	(46)	(46)	1,345
Total Deferred Tax	(0)	3,438	5,987	3,310	1,701	1,696	491	(714)	(717)	(717)	(714)	(712)	(713)	(713)	(713)	(711)	(720)	(731)	(732)	(732)	(732)	(750)	(771)	(772)	(772)	(772)	(772)	(774)	(776)	(777)	385
Accumulated Deferred Taxes		3,438	9,425	12,735	14,436	16,131	16,622	15,908	15,191	14,474	13,760	13,048	12,334	11,621	10,908	10,196	9,476	8,745	8,014	7,282	6,551	5,801	5,030	4,258	3,486	2,713	1,942	1,168	392	(385)	0

Insurance Expense ($000s)																														
Insurance - base rate (% of Plant)	0.12%																													
Insurance - inflation rate	3.0%																													
Insurance Expense ($000s)		111	115	118	122	126	129	133	137	142	146	151	155	160	165	171	176	181	187	193	199	205	212	218	225	232	239	247	255	262	273

Federal Tax Depreciation

Capital Expenditures	91,517
Capital Expenditures - Solar	88,334
Capital Expenditures - Transmission	3,184
ITC Eligible Amount	88,334
ITC	8,831
Portion of ITC offsetting tax basis	4,416
Less land	0
Tax Basis	87,101

Asset useful life: 30

MACRS Schedule - Initial Investment

Year	5-yr	7-yr	15-yr	20-yr	39-yr	Composite	Fed Tax Deprec
Distribution	94.46%	0.00%	1.52%	4.01%	0.00%	100.00%	
2024 1	20.00%	14.29%	5.00%	3.75%	0.11%	19.1193%	16,653
2025 2	32.00%	24.49%	9.50%	7.22%	2.56%	30.6627%	26,708
2026 3	19.20%	17.49%	8.55%	6.68%	2.56%	18.5351%	16,144
2027 4	11.52%	12.49%	7.70%	6.18%	2.56%	11.2473%	9,797
2028 5	11.52%	8.93%	6.93%	5.71%	2.56%	11.2169%	9,770
2029 6	5.76%	8.92%	6.23%	5.29%	2.56%	5.7480%	5,007
2030 7	0.00%	8.93%	5.90%	4.89%	2.56%	0.2860%	249
2031 8	0.00%	4.46%	5.90%	4.52%	2.56%	0.2712%	236
2032 9	0.00%	0.00%	5.91%	4.46%	2.56%	0.2689%	234
2033 10	0.00%	0.00%	5.90%	4.46%	2.56%	0.2687%	234
2034 11	0.00%	0.00%	5.91%	4.46%	2.56%	0.2689%	234
2035 12	0.00%	0.00%	5.90%	4.46%	2.56%	0.2687%	234
2036 13	0.00%	0.00%	5.91%	4.46%	2.56%	0.2689%	234
2037 14	0.00%	0.00%	5.90%	4.46%	2.56%	0.2687%	234
2038 15	0.00%	0.00%	5.91%	4.46%	2.56%	0.2689%	234
2039 16	0.00%	0.00%	2.95%	4.46%	2.56%	0.2239%	195
2040 17	0.00%	0.00%	0.00%	4.46%	2.56%	0.1792%	156
2041 18	0.00%	0.00%	0.00%	4.46%	2.56%	0.1791%	156
2042 19	0.00%	0.00%	0.00%	4.46%	2.56%	0.1792%	156
2043 20	0.00%	0.00%	0.00%	4.46%	2.56%	0.1791%	156
2044 21	0.00%	0.00%	0.00%	2.23%	2.56%	0.0896%	78
2045 22	0.00%	0.00%	0.00%	0.00%	2.56%	0.0001%	0
2046 23	0.00%	0.00%	0.00%	0.00%	2.56%	0.0001%	0
2047 24	0.00%	0.00%	0.00%	0.00%	2.56%	0.0001%	0
2048 25	0.00%	0.00%	0.00%	0.00%	2.56%	0.0001%	0
2049 26	0.00%	0.00%	0.00%	0.00%	2.56%	0.0001%	0
2050 27	0.00%	0.00%	0.00%	0.00%	2.56%	0.0001%	0
2051 28	0.00%	0.00%	0.00%	0.00%	2.56%	0.0001%	0
2052 29	0.00%	0.00%	0.00%	0.00%	2.56%	0.0001%	0
2053 30	0.00%	0.00%	0.00%	0.00%	2.56%	0.0001%	0
2054 31	0.00%	0.00%	0.00%	0.00%	2.56%	0.0001%	0
2055 32	0.00%	0.00%	0.00%	0.00%	2.56%	0.0001%	0
2056 33	0.00%	0.00%	0.00%	0.00%	2.56%	0.0001%	0
2057 34	0.00%	0.00%	0.00%	0.00%	2.56%	0.0001%	0
2058 35	0.00%	0.00%	0.00%	0.00%	2.56%	0.0001%	0
2059 36	0.00%	0.00%	0.00%	0.00%	2.56%	0.0001%	0
2060 37	0.00%	0.00%	0.00%	0.00%	2.56%	0.0001%	0
2061 38	0.00%	0.00%	0.00%	0.00%	2.56%	0.0001%	0
2062 39	0.00%	0.00%	0.00%	0.00%	2.56%	0.0001%	0
2063 40	0.00%	0.00%	0.00%	0.00%	2.46%	0.0001%	0
Total	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	87,101

MACRS Schedule - Adds & Mods

Year	5-yr	7-yr	15-yr	20-yr	39-yr	Composite
	37.82%	0.00%	10.65%	51.53%	0.00%	100.00%
1	20.00%	14.29%	5.00%	3.75%	0.11%	10.0286%
2	32.00%	24.49%	9.50%	7.22%	2.56%	16.8337%
3	19.20%	17.49%	8.55%	6.68%	2.56%	11.6124%
4	11.52%	12.49%	7.70%	6.18%	2.56%	8.3598%
5	11.52%	8.93%	6.93%	5.71%	2.56%	8.0387%
6	5.76%	8.92%	6.23%	5.29%	2.56%	5.5653%
7	0.00%	8.93%	5.90%	4.89%	2.56%	3.1472%
8	0.00%	4.46%	5.90%	4.52%	2.56%	2.9586%
9	0.00%	0.00%	5.91%	4.46%	2.56%	2.9287%
10	0.00%	0.00%	5.90%	4.46%	2.56%	2.9271%
11	0.00%	0.00%	5.91%	4.46%	2.56%	2.9287%
12	0.00%	0.00%	5.90%	4.46%	2.56%	2.9271%
13	0.00%	0.00%	5.91%	4.46%	2.56%	2.9287%
14	0.00%	0.00%	5.90%	4.46%	2.56%	2.9271%
15	0.00%	0.00%	5.91%	4.46%	2.56%	2.9287%
16	0.00%	0.00%	2.95%	4.46%	2.56%	2.6130%
17	0.00%	0.00%	0.00%	4.46%	2.56%	2.2994%
18	0.00%	0.00%	0.00%	4.46%	2.56%	2.2989%
19	0.00%	0.00%	0.00%	4.46%	2.56%	2.2994%
20	0.00%	0.00%	0.00%	4.46%	2.56%	2.2989%
21	0.00%	0.00%	0.00%	2.23%	2.56%	1.1497%
22	0.00%	0.00%	0.00%	0.00%	2.56%	2.2994%
23	0.00%	0.00%	0.00%	0.00%	2.56%	0.0000%
24	0.00%	0.00%	0.00%	0.00%	2.56%	0.0000%
25	0.00%	0.00%	0.00%	0.00%	2.56%	0.0000%
26	0.00%	0.00%	0.00%	0.00%	2.56%	0.0000%
27	0.00%	0.00%	0.00%	0.00%	2.56%	0.0000%
28	0.00%	0.00%	0.00%	0.00%	2.56%	0.0000%
29	0.00%	0.00%	0.00%	0.00%	2.56%	0.0000%
30	0.00%	0.00%	0.00%	0.00%	2.56%	0.0000%
31	0.00%	0.00%	0.00%	0.00%	2.56%	0.0000%
32	0.00%	0.00%	0.00%	0.00%	2.56%	0.0000%
33	0.00%	0.00%	0.00%	0.00%	2.56%	0.0000%
34	0.00%	0.00%	0.00%	0.00%	2.56%	0.0000%
35	0.00%	0.00%	0.00%	0.00%	2.56%	0.0000%
36	0.00%	0.00%	0.00%	0.00%	2.56%	0.0000%
37	0.00%	0.00%	0.00%	0.00%	2.56%	0.0000%
38	0.00%	0.00%	0.00%	0.00%	2.56%	0.0000%
39	0.00%	0.00%	0.00%	0.00%	2.56%	0.0000%
40	0.00%	0.00%	0.00%	0.00%	2.46%	0.0000%
Total	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

Tax Depreciation	Year	1 2024	2 2025	3 2026	4 2027	5 2028	6 2029	7 2030	8 2031	9 2032	10 2033	11 2034	12 2035	13 2036	14 2037	15 2038	16 2039	17 2040	18 2041	19 2042	20 2043	21 2044	22 2045	23 2046	24 2047	25 2048	26 2049	27 2050	28 2051	29 2052	30 2053
Initial Investment		87,101	16,653	26,708	16,144	9,797	9,770	5,007	249	236	234	234	234	234	234	234	234	195	156	156	156	156	78	0	0	0	0	0	0	0	1
Adds & Mods																															
Vintage	Capex																														
2024	0																														
2025	0																														
2026	0																														
2027	0																														
2028	100					10	17	12	8	8	6	3	3	3	3	3	3	3	3	3	2	2	2	1							0
2029	49						5	6	4	4	3	2	1	1	1	1	1	1	1	1	1	1	1	1							0
2030	57							6	5	4	3	2	2	2	2	2	2	2	2	2	2	2	1	1	1						0
2031	63							6	11	7	5	4	2	2	2	2	2	2	2	2	2	2	2	1	1	1					
2032	70								12	8	6	4	3	2	2	2	2	2	2	2	2	2	2	2	1	1	1				0
2033	176								18	30	20	15	14	10	6	5	5	5	5	5	5	5	5	4	4	4	4	4	4	4	2
2034	81									8	14	9	7	7	5	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2
2035	86										9	14	10	7	5	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2
2036	90											9	15	10	8	5	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2
2037	93												9	16	11	8	5	3	3	3	3	3	3	3	3	3	3	3	3	3	2
2038	211													21	16	25	18	17	12	7	6	6	6	6	6	6	6	6	6	6	6	2
2039	99														10	17	12	8	8	5	5	5	5	5	5	5	5	5	5	5	5	2
2040	101															10	17	12	8	8	6	6	6	6	6	6	6	6	6	6	6	2
2041	102																10	17	12	9	8	8	6	6	6	6	6	6	6	6	6	2
2042	103																	10	17	12	9	8	8	6	6	6	6	6	6	6	6	2
2043	203																		20	34	24	17	16	11	6	6	6	6	6	6	6	2
2044	103																			10	17	12	9	8	6	6	6	6	6	6	6	2
2045	102																				10	17	12	9	8	6	6	6	6	6	6	2
2046	101																					10	17	12	8	6	6	6	6	6	6	2
2047	100																						10	17	12	8	6	6	6	6	6	2
2048	198																							20	33	23	17	16	16	16	16	4
2049	96																								10	16	11	8	8	8	8	2
2050	93																									9	15	11	7	7	7	2
2051	91																										9	15	11	7	7	2
2052	88																											9	14	10	7	2
2053	185																												29	19	5	2
Total Fed tax depreciation		89,941	16,653	26,708	16,144	9,797	9,780	5,028	275	266	271	285	296	295	297	301	315	286	245	245	248	259	188	107	106	108	116	120	115	112	111	863

Property Tax																														
Property tax rate offset (generation)	0%																													
Property tax rate (generation)	0.00%																													
Book Value	88,334																													
Initial Investment		88,334	88,334	88,334	88,334	88,334	88,334	88,334	88,334	88,334	88,334	88,334	88,334	88,334	88,334	88,334	88,334	88,334	88,334	88,334	88,334	88,334	88,334	88,334	88,334	88,334	88,334	88,334	88,334	88,334
Cumulative Additions		0	0	0	0	100	149	206	269	339	515	596	681	771	864	1,076	1,174	1,275	1,377	1,480	1,682	1,785	1,887	1,988	2,088	2,285	2,381	2,474	2,565	2,654	2,839
Taxable Book Value		88,334	88,334	88,334	88,334	88,434	88,483	88,540	88,603	88,673	88,848	88,929	89,015	89,105	89,198	89,409	89,508	89,609	89,711	89,813	90,016	90,119	90,221	90,322	90,421	90,619	90,715	90,808	90,899	90,987	91,173
Annual Property Tax Expense (generation)		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Property tax rate (transmission)	0.000%	(average rate developed based on original cost)																												
Book Value	3,184																													
Initial Investment		3,184	3,184	3,184	3,184	3,184	3,184	3,184	3,184	3,184	3,184	3,184	3,184	3,184	3,184	3,184	3,184	3,184	3,184	3,184	3,184	3,184	3,184	3,184	3,184	3,184	3,184	3,184	3,184	3,184
Taxable Book Value		3,184	3,184	3,184	3,184	3,184	3,184	3,184	3,184	3,184	3,184	3,184	3,184	3,184	3,184	3,184	3,184	3,184	3,184	3,184	3,184	3,184	3,184	3,184	3,184	3,184	3,184	3,184	3,184	3,184
Annual Property Tax Expense (transmission)		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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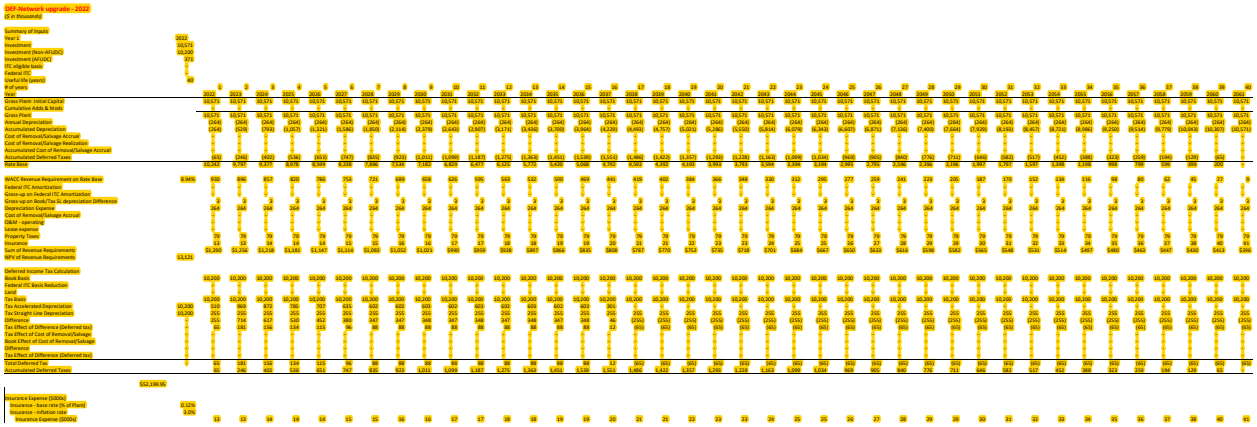

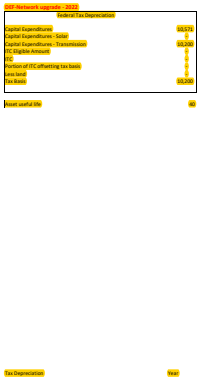

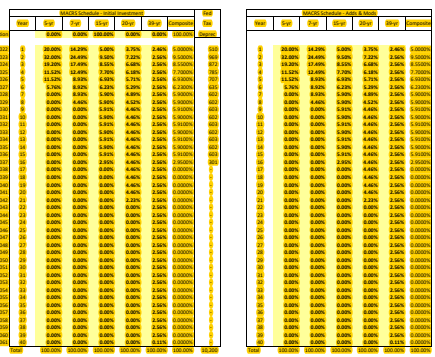

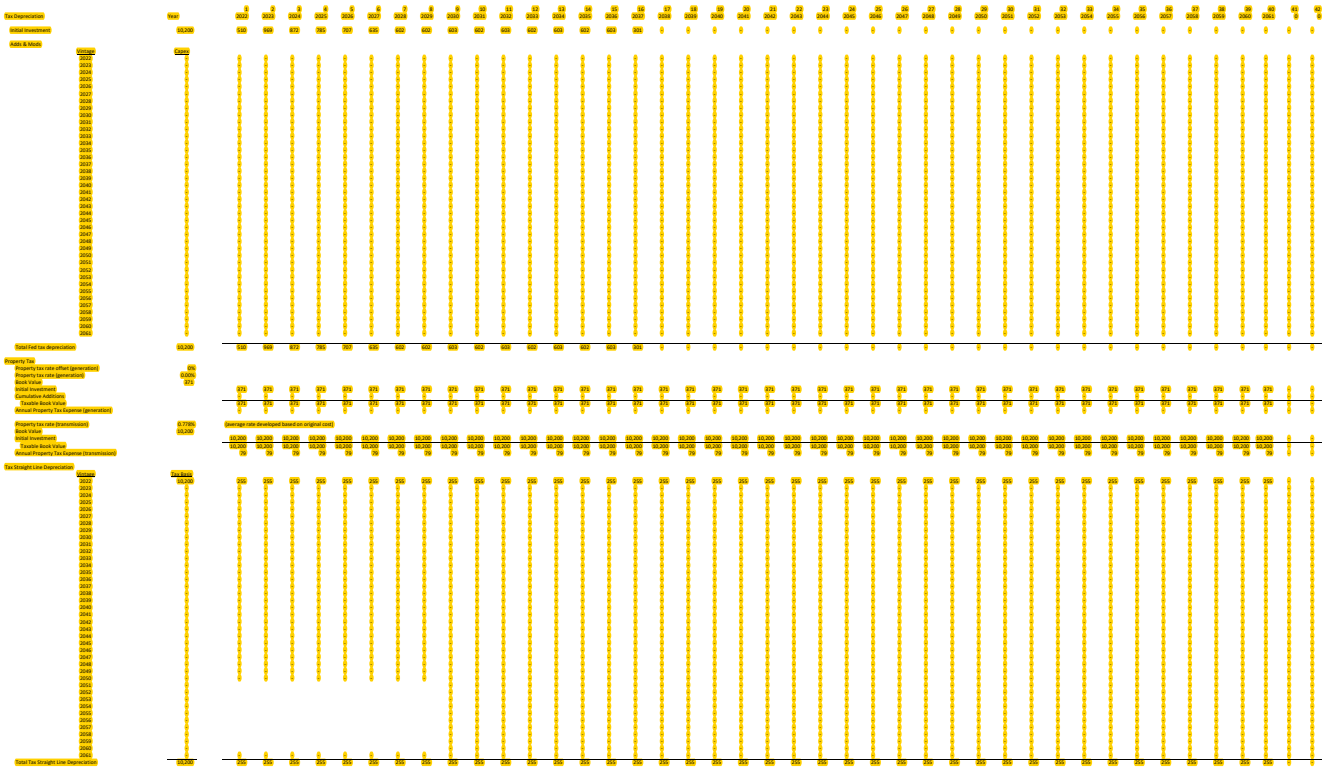

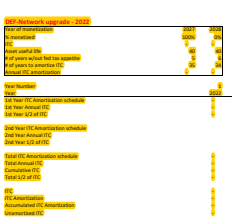

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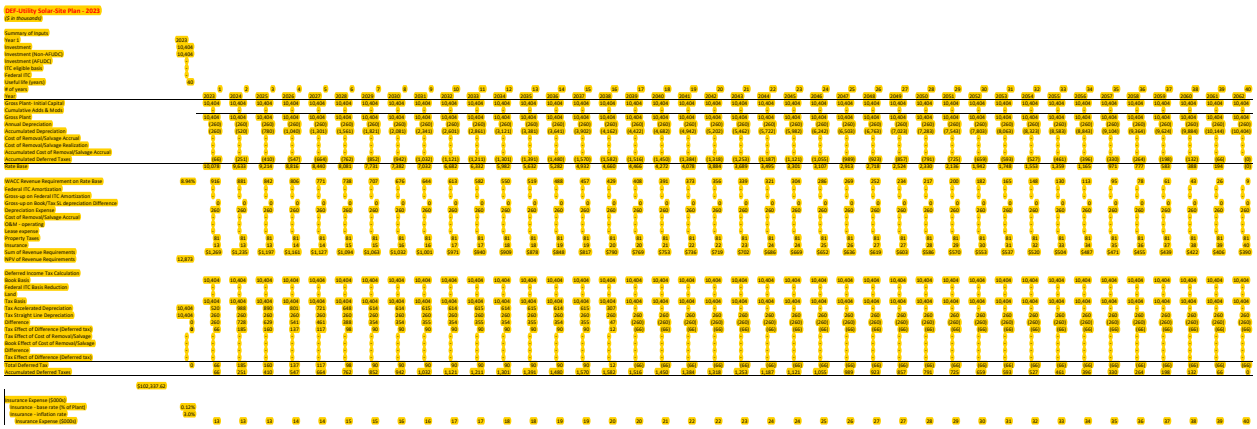

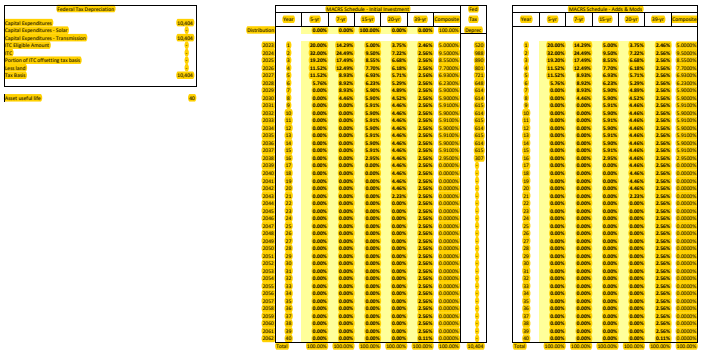

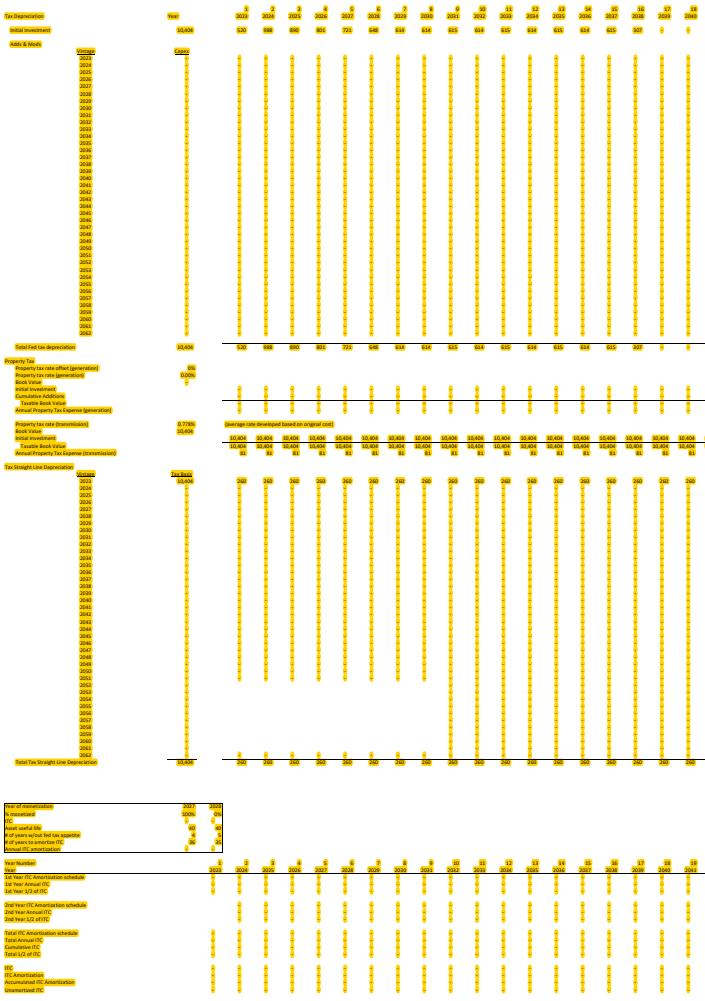

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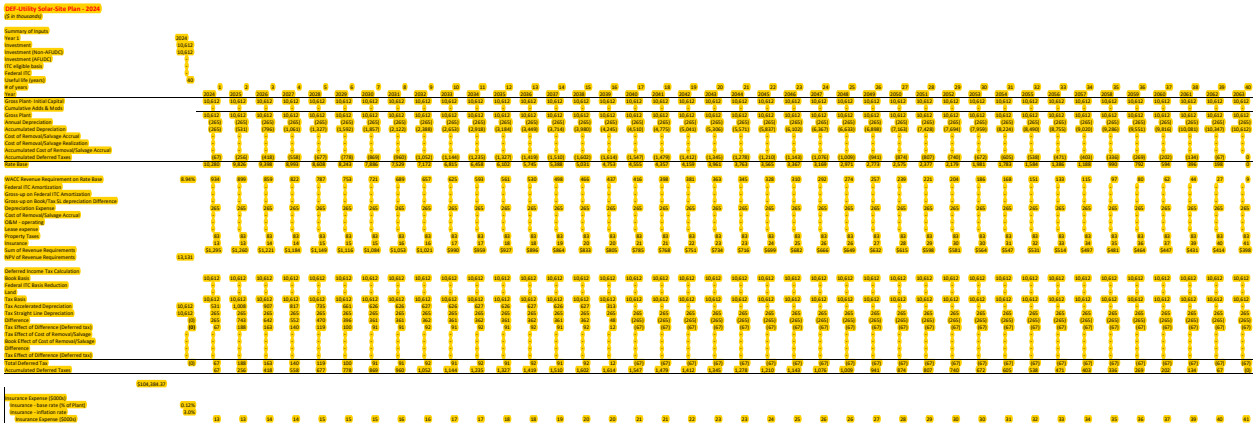

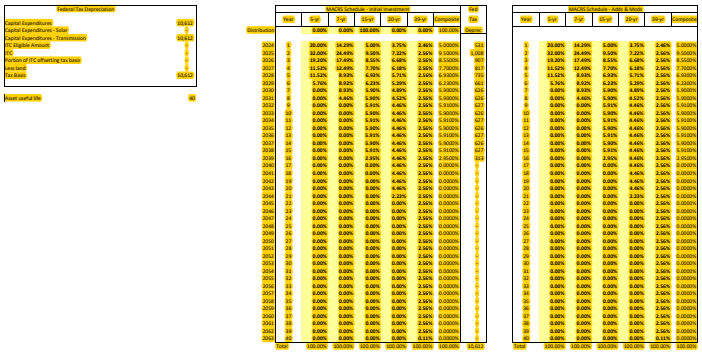

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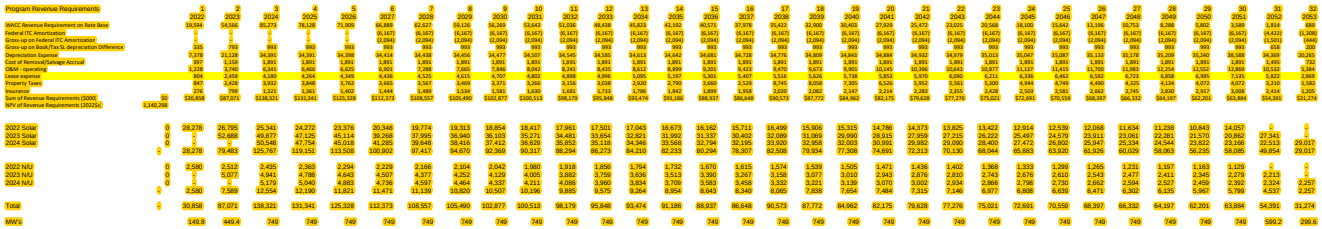

Program Revenue Requirements		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053
WACC Revenue Requirement on Rate Base		(9,594)	54,566	85,273	79,139	75,909	66,889	(2,427)	(9,126)	(6,369)	(3,643)	(1,039)	68,438	(6,823)	(6,193)	(6,037)	97,978	25,422	82,900	30,409	27,926	25,472	23,025	20,568	(8,100)	(5,642)	(3,196)	(0,753)	8,386	5,807	3,589	0,814	889
Federal ITC Amortization								(6,167)	(6,167)	(6,167)	(6,167)	(6,167)	(6,167)	(6,167)	(6,167)	(6,167)	(6,167)	(6,167)	(6,167)	(6,167)	(6,167)	(6,167)	(6,167)	(6,167)	(6,167)	(6,167)	(6,167)	(6,167)	(6,167)	(6,167)	(4,422)	(1,339)	
Gross-up on Federal ITC Amortization								(2,094)	(2,094)	(2,094)	(2,094)	(2,094)	(2,094)	(2,094)	(2,094)	(2,094)	(2,094)	(2,094)	(2,094)	(2,094)	(2,094)	(2,094)	(2,094)	(2,094)	(2,094)	(2,094)	(2,094)	(2,094)	(2,094)	(2,094)	(1,501)	(454)	
Gross-up on Book/Tax DL depreciation Difference		335	793	993	993	993	993	993	993	993	993	993	993	993	993	993	993	993	993	993	993	993	993	993	993	993	993	993	993	993	993	658	200
Depreciation Expense		2,278	21,126	34,393	34,393	34,393	34,414	34,448	34,456	34,477	34,507	34,545	34,585	34,611	34,643	34,681	34,738	34,776	34,809	34,842	34,884	34,932	34,979	35,013	35,047	35,087	35,133	35,178	35,209	35,240	34,588	34,369	32,265
Cost of Removal/Salvage Accrual		397	1,159	1,891	1,891	1,891	1,891	1,891	1,891	1,891	1,891	1,891	1,891	1,891	1,891	1,891	1,891	1,891	1,891	1,891	1,891	1,891	1,891	1,891	1,891	1,891	1,891	1,891	1,891	1,891	1,495	732	
O&M - operating		1,228	3,740	6,341	6,466	6,625	6,901	7,288	7,601	7,846	8,042	8,241	8,435	8,612	8,899	9,201	9,413	9,470	9,673	9,905	10,145	10,396	10,644	10,877	11,137	11,415	11,709	11,982	12,254	12,552	12,869	10,512	9,384
Lease expense		804	2,459	4,180	4,264	4,349	4,436	4,525	4,615	4,707	4,802	4,898	4,996	5,095	5,197	5,301	5,407	5,516	5,626	5,738	5,853	5,970	6,090	6,211	6,336	6,462	6,592	6,723	6,858	6,995	7,135	5,822	2,969
Property Taxes		847	2,428	3,910	3,848	3,762	3,665	3,567	3,469	3,373	3,266	3,156	3,038	2,920	2,790	2,650	2,529	2,745	8,058	2,305	6,536	5,952	5,561	5,200	4,946	4,749	4,498	4,325	4,138	4,072	4,072	2,210	1,582
Insurance		276	799	1,322	1,361	1,402	1,444	1,489	1,534	1,581	1,630	1,681	1,733	1,786	1,842	1,899	1,958	2,020	2,082	2,147	2,214	2,283	2,355	2,428	2,503	2,581	2,662	2,745	2,830	2,917	3,008	2,414	1,205
Sum of Revenue Requirements ($000)	20	$30,858	$87,070	$138,324	$131,341	$125,328	$112,373	$108,557	$105,490	$102,877	$100,513	$98,179	$95,848	$93,474	$91,186	$88,937	$86,648	$90,573	$87,772	$84,962	$82,175	$79,628	$77,276	$75,021	$72,691	$70,559	$68,397	$66,332	$64,197	$62,201	$63,884	$54,391	$31,274
NPV of Revenue Requirements (2022$s)	1,140,298																																

2022 Solar	0	28,278	26,795	25,341	24,272	23,376	20,348	19,774	19,313	18,854	18,417	17,961	17,501	17,043	16,673	16,162	15,711	16,499	15,906	15,315	14,786	14,373	13,825	13,422	12,914	12,539	12,068	11,634	11,238	10,843	14,057	0	0
2023 Solar	0	0	52,688	49,877	47,125	45,114	39,268	37,995	36,940	36,103	35,271	34,481	33,654	32,821	31,992	31,137	30,402	32,089	31,069	29,990	28,915	27,959	27,215	26,222	25,497	24,579	23,911	23,061	22,281	21,570	20,862	27,341	0
2024 Solar	0	0	0	50,548	47,754	45,018	41,285	39,648	38,416	37,412	36,629	35,852	35,118	34,346	33,568	32,794	32,195	33,920	32,958	32,003	30,991	29,982	29,090	28,400	27,472	26,802	25,947	25,334	24,544	23,822	23,166	22,513	29,017
	0	28,278	79,483	125,767	119,151	113,508	100,900	97,417	94,670	92,369	90,317	88,294	86,273	84,210	82,233	80,296	78,307	82,508	79,934	77,308	74,691	72,313	70,130	68,044	65,883	63,920	61,926	60,029	58,063	56,235	58,085	49,854	29,017
2022 NJU	0	2,580	2,512	2,435	2,363	2,294	2,229	2,166	2,104	2,042	1,980	1,918	1,856	1,794	1,732	1,670	1,615	1,574	1,539	1,505	1,471	1,436	1,402	1,368	1,333	1,299	1,265	1,231	1,197	1,163	1,129	0	0
2023 NJU	0	0	5,077	4,941	4,788	4,643	4,507	4,377	4,252	4,129	4,005	3,882	3,759	3,636	3,513	3,390	3,267	3,158	3,077	3,010	2,943	2,876	2,810	2,743	2,676	2,610	2,543	2,477	2,411	2,345	2,279	2,213	0
2024 NJU	0	0	0	5,179	5,040	4,883	4,736	4,597	4,464	4,337	4,211	4,086	3,960	3,824	3,709	3,583	3,458	3,332	3,221	3,130	3,070	3,002	2,934	2,865	2,798	2,730	2,662	2,594	2,527	2,459	2,392	2,324	2,257
	0	2,580	7,589	12,554	12,190	11,821	11,471	11,139	10,820	10,507	10,196	9,885	9,575	9,264	8,954	8,643	8,340	8,065	7,838	7,654	7,484	7,315	7,146	6,977	6,808	6,639	6,471	6,302	6,135	5,967	5,799	4,537	2,257
Total	0	30,858	87,071	138,321	131,341	125,328	112,373	108,557	105,490	102,877	100,513	98,179	95,848	93,474	91,186	88,937	86,648	90,573	87,772	84,962	82,175	79,628	77,276	75,021	72,691	70,559	68,397	66,332	64,197	62,201	63,884	54,391	31,274
MW's		149.8	449.4	749	749	749	749	749	749	749	749	749	749	749	749	749	749	749	749	749	749	749	749	749	749	749	749	749	749	749	749	599.2	299.6

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		0	1	2	5	6	7		12
		2022 Solar	2023 Solar	2024 Solar	2022 NetUp	2023 NetUp	2024 NetUp	Total	MW's
0	2021	$ -	$ -	$ -	$ -	$ -	$ -	$ -	0
1	2022	$ 28,278	$ -	$ -	$ 2,580	$ -	$ -	$ 30,858	149.8
2	2023	$ 26,795	$ 52,688	$ -	$ 2,512	$ 5,077	$ -	$ 87,071	449.4
3	2024	$ 25,341	$ 49,877	$ 50,548	$ 2,435	$ 4,941	$ 5,179	$ 138,321	749
4	2025	$ 24,272	$ 47,125	$ 47,754	$ 2,363	$ 4,788	$ 5,040	$ 131,341	749
5	2026	$ 23,376	$ 45,114	$ 45,018	$ 2,294	$ 4,643	$ 4,883	$ 125,328	749
6	2027	$ 20,348	$ 39,268	$ 41,285	$ 2,229	$ 4,507	$ 4,736	$ 112,373	749
7	2028	$ 19,774	$ 37,995	$ 39,648	$ 2,166	$ 4,377	$ 4,597	$ 108,557	749
8	2029	$ 19,313	$ 36,940	$ 38,416	$ 2,104	$ 4,252	$ 4,464	$ 105,490	749
9	2030	$ 18,854	$ 36,103	$ 37,412	$ 2,042	$ 4,129	$ 4,337	$ 102,877	749
10	2031	$ 18,417	$ 35,271	$ 36,629	$ 1,980	$ 4,005	$ 4,211	$ 100,513	749
11	2032	$ 17,961	$ 34,481	$ 35,852	$ 1,918	$ 3,882	$ 4,086	$ 98,179	749
12	2033	$ 17,501	$ 33,654	$ 35,118	$ 1,856	$ 3,759	$ 3,960	$ 95,848	749
13	2034	$ 17,043	$ 32,821	$ 34,346	$ 1,794	$ 3,636	$ 3,834	$ 93,474	749
14	2035	$ 16,673	$ 31,992	$ 33,568	$ 1,732	$ 3,513	$ 3,709	$ 91,186	749
15	2036	$ 16,162	$ 31,337	$ 32,794	$ 1,670	$ 3,390	$ 3,583	$ 88,937	749
16	2037	$ 15,711	$ 30,402	$ 32,195	$ 1,615	$ 3,267	$ 3,458	$ 86,648	749
17	2038	$ 16,499	$ 32,089	$ 33,920	$ 1,574	$ 3,158	$ 3,332	$ 90,573	749
18	2039	$ 15,906	$ 31,069	$ 32,958	$ 1,539	$ 3,077	$ 3,221	$ 87,772	749
19	2040	$ 15,315	$ 29,990	$ 32,003	$ 1,505	$ 3,010	$ 3,139	$ 84,962	749
20	2041	$ 14,786	$ 28,915	$ 30,991	$ 1,471	$ 2,943	$ 3,070	$ 82,175	749
21	2042	$ 14,373	$ 27,959	$ 29,982	$ 1,436	$ 2,876	$ 3,002	$ 79,628	749
22	2043	$ 13,825	$ 27,215	$ 29,090	$ 1,402	$ 2,810	$ 2,934	$ 77,276	749
23	2044	$ 13,422	$ 26,222	$ 28,400	$ 1,368	$ 2,743	$ 2,866	$ 75,021	749
24	2045	$ 12,914	$ 25,497	$ 27,472	$ 1,333	$ 2,676	$ 2,798	$ 72,691	749
25	2046	$ 12,539	$ 24,579	$ 26,802	$ 1,299	$ 2,610	$ 2,730	$ 70,559	749
26	2047	$ 12,068	$ 23,911	$ 25,947	$ 1,265	$ 2,543	$ 2,662	$ 68,397	749
27	2048	$ 11,634	$ 23,061	$ 25,334	$ 1,231	$ 2,477	$ 2,594	$ 66,332	749
28	2049	$ 11,238	$ 22,281	$ 24,544	$ 1,197	$ 2,411	$ 2,527	$ 64,197	749
29	2050	$ 10,843	$ 21,570	$ 23,822	$ 1,163	$ 2,345	$ 2,459	$ 62,201	749
30	2051	$ 14,057	$ 20,862	$ 23,166	$ 1,129	$ 2,279	$ 2,392	$ 63,884	749
31	2052	$ -	$ 27,341	$ 22,513	$ -	$ 2,213	$ 2,324	$ 54,391	599.2
32	2053	$ -	$ -	$ 29,017	$ -	$ -	$ 2,257	$ 31,274	299.6
Total		**$ 515,239**	**$ 967,630**	**$ 986,545**	**$ 52,200**	**$ 102,338**	**$ 104,384**	**$ 2,728,335**	
NPV (2020$s)		**$ 235,237**	**$ 410,892**	**$ 385,325**	**$ 23,676**	**$ 43,543**	**$ 41,625**	**$ 1,140,298**	

CONFIDENTIAL

Dispatch Price ($/MWh)

\\s00233\grpdata\PEF Resource Planning\2020\2020-03 Clean Energy Connection\Prosym\050520\CEC_0MW.mdb

Station	Unit Type	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054
AC	DSM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Anclote.1	Steam-Gas	33.25	33.93	35.27	36.53	37.61	45.00	51.36	59.58	69.03	77.45	81.23	88.86	95.51	95.36	103.16	111.35	119.07	130.78	141.08	150.09	160.79	170.12	179.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Anclote.2	Steam-Gas	36.60	36.51	38.61	39.77	41.08	48.54	55.68	64.32	74.95	84.48	90.70	95.46	102.28	101.36	113.16	124.03	131.93	144.77	157.50	166.23	178.91	188.95	198.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
As.Avail	Cogen	20.48	20.63	21.11	21.67	23.24	29.19	34.98	42.37	49.03	56.38	60.83	67.98	72.11	74.86	77.76	80.48	88.80	99.90	108.24	116.90	126.04	136.84	144.25	150.75	157.76	168.20	178.97	186.86	197.28	206.29	214.43	221.95	231.23	241.28	249.69
As.Avail.PCS	Renewable	20.50	20.83	21.20	21.70	23.01	30.85	38.54	47.40	56.76	64.00	71.36	79.15	85.30	91.58	94.22	99.57	110.81	125.79	138.27	152.54	163.93	178.36	187.47	197.88	209.75	224.82	238.25	250.13	263.92	274.47	290.38	302.01	312.98	326.48	340.72
AVON.PK_P.1	CT	105.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVON.PK_P.2	CT	553.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Bartow CC.1.0	Steam-CC	19.47	19.75	20.37	20.97	22.36	26.18	30.03	34.50	39.83	44.27	47.67	51.24	55.02	56.49	59.68	63.23	67.60	74.29	80.18	84.73	90.79	96.27	102.01	107.93	113.84	120.76	126.90	131.76	137.69	142.86	147.31	152.70	158.45	164.07	169.82
Bartow CC.1.PAG	Steam-CC	23.75	23.42	24.91	25.66	27.86	32.87	38.03	43.75	50.47	56.39	60.32	65.69	70.86	72.96	74.22	79.10	84.73	92.46	99.34	104.24	109.54	116.58	124.43	130.01	136.58	144.71	152.39	159.10	165.48	173.62	178.40	184.90	192.23	199.48	205.61
BARTOW_P.1	CT	280.31	262.18	292.44	306.80	296.96	309.82	324.00	330.86	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BARTOW_P.2	CT	49.73	46.91	52.27	56.18	54.32	64.34	70.86	82.77	93.73	102.80	115.96	122.91	129.07	135.24	132.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BARTOW_P.3	CT	287.39	246.03	280.85	306.80	289.05	306.91	317.20	340.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BARTOW_P.4	CT	45.27	43.46	52.76	51.28	51.41	60.17	68.07	79.34	91.80	102.18	115.02	120.85	124.79	127.59	121.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Battery Cape San Blas	Storage	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Battery Jennings	Storage	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Battery Micanopy	Storage	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Battery Trenton	Storage	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BAYBORO_P.1	CT	215.85	215.65	220.22	224.47	226.33	238.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BAYBORO_P.2	CT	281.50	227.55	246.00	286.75	264.04	269.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BAYBORO_P.3	CT	217.38	215.52	220.56	226.21	227.20	238.93	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BAYBORO_P.4	CT	216.31	213.70	220.64	224.77	227.27	239.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Citrus.CC.1	Steam-CC	17.07	17.24	17.72	18.12	19.14	22.69	26.11	30.35	35.32	39.43	42.50	45.75	49.11	50.47	53.63	56.69	60.65	66.81	72.31	76.47	81.93	86.97	92.40	97.29	102.71	109.16	114.68	119.15	124.59	129.37	133.44	138.35	143.37	148.44	153.72
Citrus.CC.1.Duct	Steam-CC	18.57	18.64	19.30	19.70	20.98	25.26	29.46	34.39	40.06	44.67	48.99	52.63	55.94	57.61	61.41	64.94	69.60	76.81	82.83	87.99	94.12	100.37	106.88	113.00	119.54	126.35	133.34	138.50	144.51	149.61	155.54	160.81	167.34	173.29	180.14
Citrus.CC.2	Steam-CC	17.08	17.29	17.65	18.19	19.24	22.77	26.12	30.35	35.33	39.44	42.52	45.78	49.12	50.48	53.64	56.69	60.67	66.81	72.09	76.31	81.68	86.73	92.06	96.94	102.33	108.76	114.27	118.73	124.26	128.96	133.11	138.04	143.04	148.44	153.60
Citrus.CC.2.Duct	Steam-CC	18.43	18.51	18.97	19.56	20.77	25.10	29.21	34.23	40.14	44.29	48.70	52.34	55.65	57.30	60.69	64.16	68.42	75.73	81.56	86.67	92.69	98.70	106.02	111.68	118.09	124.90	131.60	136.45	142.64	147.19	153.42	159.13	164.03	170.76	177.70
Crystal.4	Steam-Coal	26.20	26.67	28.21	30.08	31.50	40.10	46.95	53.75	60.58	66.72	72.48	83.34	89.90	98.63	109.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Crystal.5	Steam-Coal	25.66	26.31	27.64	30.14	31.11	39.37	46.22	52.87	59.91	65.55	71.54	81.74	88.20	96.76	108.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Dade.County	Renewable	20.34	20.73	21.16	21.66	23.03	31.42	38.30	46.27	57.25	64.43	71.61	79.36	86.78	90.62	94.81	99.68	111.77	126.94	139.28	150.63	163.10	177.75	187.15	200.10	210.92	224.32	238.24	250.74	263.20	275.73	289.74	301.86	314.12	325.98	338.47
DEBARY.10	CT	227.35	223.02	235.72	239.13	238.27	252.29	264.22	278.32	295.39	307.56	326.98	337.32	346.59	360.79	374.57	390.98	403.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.2	CT	271.32	262.36	274.72	294.15	288.90	298.74	323.86	333.89	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.3	CT	279.85	254.71	276.17	277.33	286.96	300.51	308.92	323.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.4	CT	275.73	246.85	279.16	285.50	290.63	299.80	310.36	353.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.5	CT	276.08	245.21	281.41	289.86	287.95	295.69	306.29	332.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.6	CT	277.84	253.67	285.54	288.64	284.47	300.60	310.92	326.54	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.7	CT	46.38	41.58	49.24	50.71	48.76	58.15	66.08	77.46	88.93	98.16	108.67	112.96	117.22	122.31	116.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.8	CT	45.73	42.41	45.88	50.17	49.33	58.63	65.73	77.56	87.72	98.28	108.58	114.91	120.23	124.10	133.92	152.52	151.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.9	CT	45.25	44.47	46.31	50.26	48.87	58.67	67.01	77.72	90.01	98.06	108.44	113.84	120.17	122.77	137.35	152.30	154.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EconPurch	TranEcon-Purc	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EconSale	TranEcon-Sale	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.1	CT	0.00	0.00	0.00	0.00	0.00	0.00	56.08	63.90	69.96	76.43	83.22	87.78	91.65	103.35	112.64	119.47	129.62	140.52	146.45	157.27	164.86	191.33	206.76	217.76	230.00	240.67	247.18	260.38	266.71	273.82	284.13	291.84	304.24	314.73
Gen.190MW.CT.10	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	164.92	172.13	180.18	186.31	226.37	232.70	245.79	261.57	272.37	276.29	291.94	302.33	307.24	314.64	326.53	343.75	348.78
Gen.190MW.CT.11	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	170.17	179.75	184.54	191.03	231.70	237.96	251.43	267.56	278.54	282.20	296.82	306.39	310.15	318.92	331.03	353.53	353.53
Gen.190MW.CT.12	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	175.12	181.95	191.07	197.76	235.34	239.02	252.80	270.98	282.71	282.92	302.96	309.28	312.95	324.57	342.37	357.57	359.52
Gen.190MW.CT.13	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	197.11	201.84	235.63	241.62	256.03	275.89	283.86	289.77	307.84	314.53	323.93	327.88	345.21	362.97	367.16
Gen.190MW.CT.14	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	258.67	280.20	293.72	296.25	312.04	319.28	323.27	332.51	350.68	366.42	365.64
Gen.190MW.CT.15	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	263.39	282.39	290.97	294.34	315.16	323.10	325.66	337.00	355.41	373.58	369.92
Gen.190MW.CT.16	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	284.02	295.93	295.18	319.74	327.10	327.98	335.63	357.82	378.00	374.36
Gen.190MW.CT.17	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.18	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.19	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.2	CT	0.00	0.00	0.00	0.00	0.00	0.00	56.71	64.48	70.83	76.95	83.22	88.12	92.17	104.25	113.32	120.59	130.64	141.74	148.06	158.66	166.01	194.01	206.93	218.93	232.99	242.88	250.39	263.03	271.13	277.94	287.18	295.33	308.69	316.85
Gen.190MW.CT.20	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.21	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.3	CT	0.00	0.00	0.00	0.00	0.00	0.00	65.30	71.38	77.66	83.62	88.46	92.48	105.51	115.06	121.81	132.65	143.23	149.67	160.50	168.00	196.86	211.77	222.22	235.65	247.00	254.58	266.09	274.82	280.40	288.66	297.58	311.98	320.36
Gen.190MW.CT.4	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	78.99	84.57	89.27	92.71	107.23	116.76	122.68	134.63	144.82	151.23	161.47	169.34	200.85	214.75	225.38	238.19	248.30	256.20	270.00	276.48	283.08	292.50	301.95	315.41	324.42
Gen.190MW.CT.5	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	89.93	93.30	109.62	119.46	125.08	136.48	146.83	152.89	163.62	171.15	204.43	218.57	227.25	242.32	252.96	259.61	272.69	279.95	288.39	296.00	306.20	321.00	327.25
Gen.190MW.CT.6	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	117.70	122.30	127.43	139.84	149.58	155.89	165.08	173.86	208.71	221.44	230.21	247.25	256.39	262.53	275.30	283.61	290.74	299.51	309.11	324.08	331.18
Gen.190MW.CT.7	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	120.86	126.94	132.48	143.50	151.96	158.95	167.70	175.85	212.58	223.18	234.55	250.46	259.99	266.15	278.57	287.35	294.97	304.95	313.26	330.28	337.97
Gen.190MW.CT.8	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	126.95	132.57	137.15	148.26	157.10	162.05	171.87	179.04	218.93	226.19	238.28	253.11	264.14	270.14	285.47	291.20	303.83	306.04	319.03	335.98	344.71
Gen.190MW.CT.9	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	131.68	135.71	141.15	151.73	160.88	168.11	175.34	182.84	224.28	229.51	240.75	258.40	267.27	272.62	289.03	296.43	301.45	310.88	322.75	338.90	349.23
Gen.2x1.CC.1.1	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	54.27	56.52	60.44	66.48	71.83	76.01	81.27	86.25	91.42	96.14	101.53	107.82	113.36	117.73	123.05	127.81	131.82	136.73	141.73	146.76	151.86
Gen.2x1.CC.1.1.Duct	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	71.53	74.97	80.11	88.39	95.29	100.86	108.01	114.66	121.73	127.70	134.84	143.12	150.47	156.21	163.56	169.13	174.58	181.13	187.56	194.29	201.18
Gen.2x1.CC.1.2	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	92.26	95.94	101.29	107.57	113.09	117.40	122.73	127.54	131.56	136.51	141.52	146.55	151.64
Gen.2x1.CC.2.2.Duct	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	122.06	127.49	134.83	143.06	150.43	156.06	163.55	168.81	174.42	181.19	187.50	194.18	200.92
Gen.2x1.CC.3	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.2x1.CC.3.3.Duct	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.2x1.CC.4	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.2x1.CC.4.4.Duct	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.2x1.CC.5	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

CONFIDENTIAL

Fixed Cost ($000)

\\s00233\grpdata\PEF Resource Planning\2020\2020-03 Clean Energy Connection\Prosym\050S2020\CEC_0MW.mdb

Station	Unit Type	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054
AC	DSM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anclote.1	Steam-Gas	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anclote.2	Steam-Gas	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
As.Avail	Cogen	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
As.Avail.PCS	Renewable	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AVON.PK_P.1	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AVON.PK_P.2	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bartow CC.1.0	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bartow CC.1.PAG	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BARTOW_P.1	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BARTOW_P.2	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BARTOW_P.3	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BARTOW_P.4	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Battery Cape San Blas	Storage	48	146	176	237	240	244	249	253	257	261	266	270	240	174	205	266	270	275	280	285	290	295	300	305	310	215	0	0	0	0	0	0	0	0	0
Battery Jennings	Storage	79	241	247	242	230	231	232	234	236	237	239	241	236	225	236	255	260	265	270	275	280	285	290	295	301	208	0	0	0	0	0	0	0	0	0
Battery Micanopy	Storage	79	241	247	242	230	231	232	234	236	237	239	241	236	225	236	255	260	265	270	275	280	285	290	295	301	208	0	0	0	0	0	0	0	0	0
Battery Trenton	Storage	79	241	247	242	230	231	232	234	236	237	239	241	236	225	236	255	260	265	270	275	280	285	290	295	301	208	0	0	0	0	0	0	0	0	0
BAYBORO_P.1	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BAYBORO_P.2	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BAYBORO_P.3	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BAYBORO_P.4	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus.CC.1	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus.CC.1.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus.CC.2	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus.CC.2.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Crystal.4	Steam-Coal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Crystal.5	Steam-Coal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dade.County	Renewable	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.10	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.2	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.3	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.4	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.5	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.6	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.7	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.8	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.9	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EconPurch	TranEcon-Purc	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EconSale	TranEcon-Sale	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.1	CT	0	0	0	0	0	0	257	452	463	475	487	499	511	524	537	551	564	578	593	608	623	638	654	671	688	705	722	740	759	778	797	817	838	859	
Gen.190MW.CT.10	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	712	1,252	1,283	1,315	1,348	1,382	1,416	1,451	1,488	1,525	1,563	1,602	1,642	1,683	1,725	1,768	1,813
Gen.190MW.CT.11	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	712	1,252	1,283	1,315	1,348	1,382	1,416	1,451	1,488	1,525	1,563	1,602	1,642	1,683	1,725	1,768	1,813
Gen.190MW.CT.12	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	712	1,252	1,283	1,315	1,348	1,382	1,416	1,451	1,488	1,525	1,563	1,602	1,642	1,683	1,725	1,768	1,813
Gen.190MW.CT.13	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	748	1,315	1,348	1,382	1,416	1,451	1,488	1,525	1,563	1,602	1,642	1,683	1,725	1,768	1,813	
Gen.190MW.CT.14	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	826	1,451	1,488	1,525	1,563	1,602	1,642	1,683	1,725	1,768	1,813	
Gen.190MW.CT.15	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,451	1,488	1,525	1,563	1,602	1,642	1,683	1,725	1,768	1,813	
Gen.190MW.CT.16	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	847	1,488	1,525	1,563	1,602	1,642	1,683	1,725	1,768	1,813	
Gen.190MW.CT.17	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.18	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.19	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.2	CT	0	0	0	0	0	0	257	452	463	475	487	499	511	524	537	551	564	578	593	608	623	638	654	671	688	705	722	740	759	778	797	817	838	859	
Gen.190MW.CT.20	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.21	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.3	CT	0	0	0	0	0	0	264	463	475	487	499	511	524	537	551	564	578	593	608	623	638	654	671	688	705	722	740	759	778	797	817	838	859		
Gen.190MW.CT.4	CT	0	0	0	0	0	0	0	277	487	499	511	524	537	551	564	578	593	608	623	638	654	671	688	705	722	740	759	778	797	817	838	859			
Gen.190MW.CT.5	CT	0	0	0	0	0	0	0	0	291	511	524	537	551	564	578	593	608	623	638	654	671	688	705	722	740	759	778	797	817	838	859				
Gen.190MW.CT.6	CT	0	0	0	0	0	0	0	0	306	537	551	564	578	593	608	623	638	654	671	688	705	722	740	759	778	797	817	838	859						
Gen.190MW.CT.7	CT	0	0	0	0	0	0	0	0	0	0	0	645	1,134	1,162	1,191	1,221	1,252	1,283	1,315	1,348	1,382	1,416	1,451	1,488	1,525	1,563	1,602	1,642	1,683	1,725	1,768	1,813			
Gen.190MW.CT.8	CT	0	0	0	0	0	0	0	0	0	0	0	645	1,134	1,162	1,191	1,221	1,252	1,283	1,315	1,348	1,382	1,416	1,451	1,488	1,525	1,563	1,602	1,642	1,683	1,725	1,768	1,813			
Gen.190MW.CT.9	CT	0	0	0	0	0	0	0	0	0	0	0	645	1,134	1,162	1,191	1,221	1,252	1,283	1,315	1,348	1,382	1,416	1,451	1,488	1,525	1,563	1,602	1,642	1,683	1,725	1,768	1,813			
Gen.2x1.CC.1.1	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	3,851	6,767	6,937	7,110	7,288	7,470	7,657	7,848	8,044	8,245	8,452	8,663	8,879	9,101	9,329	9,562	9,801	10,046	10,297	10,555	10,819			
Gen.2x1.CC.1.1.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	791	1,390	1,425	1,460	1,497	1,534	1,573	1,612	1,652	1,693	1,736	1,779	1,824	1,869	1,916	1,964	2,013	2,063	2,115	2,168	2,222			
Gen.2x1.CC.1.2	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4,693	8,245	8,452	8,663	8,879	9,101	9,329	9,562	9,801	10,046	10,297	10,555	10,819	
Gen.2x1.CC.1.2.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	964	1,693	1,736	1,779	1,824	1,869	1,916	1,964	2,013	2,063	2,115	2,168	2,222	
Gen.2x1.CC.1.3	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Gen.2x1.CC.1.3.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Gen.2x1.CC.1.4	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Gen.2x1.CC.1.4.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Gen.2x1.CC.1.5	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Gen.2x1.CC.1.5.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Gen.2x1.CC.1.6	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Gen.2x1.CC.1.6.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Gen.2x1.CC.1.7	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Gen.2x1.CC.1.7.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
HEAT	DSM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Hines.CC.1	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Hines.CC.2	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Hines.CC.3	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Hines.CC.4	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
INT.CITY.1	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
INT.CITY.10	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
INT.CITY.11	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
INT.CITY.12	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
INT.CITY.13	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
INT.CITY.14	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
INT.CITY.2	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
INT.CITY.3	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
INT.CITY.4	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
INT.CITY.5	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
INT.CITY.6	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
INT.CITY.7	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
INT.CITY.8	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
INT.CITY.9	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
INTER	DSM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Lake.County	Renewable	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
LEE.County.Res	Renewable	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Mulberry	Cogen	97,306	101,979	107,186	112,648	48,439	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
NSG.Vand.CT.1	TranFirm-Purc	9,464	9,464	9,464	9,464

CONFIDENTIAL

Fuel Cost ($000)

\\s00233\grpdata\PEF Resource Planning\2020\2020-03 Clean Energy Connection\Prosym\0505202O\CEC_0MW.mdb

Station	Unit Type	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054
AC	DSM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anclote.1	Steam-Gas	9,133	10,760	13,894	13,077	15,028	17,133	21,292	22,868	26,739	29,680	28,323	34,914	34,429	40,907	35,340	35,039	36,137	43,350	38,780	44,177	43,847	47,003	16,484	0	0	0	0	0	0	0	0	0	0	0	0
Anclote.2	Steam-Gas	11,322	13,330	13,418	15,170	14,540	20,771	20,993	25,062	30,865	30,121	37,190	36,234	40,432	44,514	41,763	35,737	40,155	42,093	41,783	41,083	45,066	46,587	17,042	0	0	0	0	0	0	0	0	0	0	0	0
As.Avail	Cogen	36	36	37	38	41	48	55	65	74	84	88	98	103	104	107	109	117	130	138	146	157	168	175	180	187	197	210	217	230	238	246	253	264	273	282
As.Avail.PCS	Renewable	2,137	2,162	2,203	2,253	2,393	2,774	3,227	3,805	4,441	4,835	5,257	5,721	6,040	6,324	6,260	6,472	6,885	7,653	8,155	8,882	9,302	10,013	10,182	10,503	10,978	11,735	12,380	12,827	13,532	13,797	14,671	15,108	15,518	16,107	16,825
AVON.PK_P.1	CT	455	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AVON.PK_P.2	CT	141	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bartow CC.1.0	Steam-CC	122,862	122,742	128,724	130,051	132,768	142,672	157,514	177,245	188,411	221,629	239,781	258,613	258,017	262,632	255,901	244,938	250,424	252,763	286,000	272,933	304,514	312,433	293,646	269,165	282,574	309,843	322,779	325,118	321,626	343,321	353,090	365,987	364,742	371,753	389,735
Bartow CC.1.PAG	Steam-CC	361	514	305	461	624	966	1,001	1,244	1,161	1,297	1,670	2,222	2,325	2,616	845	549	636	749	864	886	1,150	1,312	1,402	1,519	1,587	1,447	1,792	1,771	1,863	1,761	1,987	2,214	2,163	2,093	2,240
BARTOW_P.1	CT	40	78	45	25	194	131	347	62	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BARTOW_P.2	CT	67	74	79	46	341	162	344	661	741	815	692	815	714	662	111	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BARTOW_P.3	CT	70	80	50	25	237	116	351	74	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BARTOW_P.4	CT	97	108	78	88	416	336	507	725	769	874	830	917	888	1,040	196	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Battery Cape San Blas	Storage	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Battery Jennings	Storage	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Battery Micanopy	Storage	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Battery Trenton	Storage	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BAYBORO_P.1	CT	379	347	336	227	1,389	1,046	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BAYBORO_P.2	CT	10	67	21	11	59	44	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BAYBORO_P.3	CT	240	329	254	183	1,175	918	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BAYBORO_P.4	CT	312	246	211	144	1,178	610	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus.CC.1	Steam-CC	93,355	96,779	98,042	102,610	118,968	115,588	130,696	147,147	158,897	183,852	193,060	197,317	214,740	212,840	222,529	217,008	221,679	229,902	239,424	235,397	262,500	265,514	255,250	251,922	265,356	270,847	293,208	295,398	295,294	311,646	319,622	328,014	349,106	358,749	371,063
Citrus.CC.1.Duct	Steam-CC	5,033	5,361	5,077	5,633	6,052	6,141	6,501	7,368	7,957	8,910	10,493	11,160	11,343	11,665	10,757	11,012	11,331	10,988	11,894	12,769	13,436	14,342	11,911	12,782	13,961	13,788	15,762	15,661	15,583	16,349	17,457	17,289	18,608	18,327	19,563
Citrus.CC.2	Steam-CC	101,835	99,713	86,443	101,654	107,830	115,025	129,687	145,746	157,855	182,018	191,181	195,972	213,868	212,359	222,178	218,100	222,497	230,923	255,127	241,794	278,577	281,471	261,826	269,525	282,508	290,546	311,286	313,500	308,902	331,009	336,144	332,871	348,331	357,929	373,013
Citrus.CC.2.Duct	Steam-CC	5,024	5,114	5,078	5,308	5,081	5,769	5,999	6,990	7,846	8,183	9,637	10,572	10,665	10,939	9,780	9,892	9,699	9,497	9,982	10,732	11,479	12,380	9,588	9,919	10,250	10,585	12,013	11,283	11,058	11,783	12,367	12,720	12,878	13,222	13,712
Crystal.4	Steam-Coal	42,338	47,892	38,436	35,260	46,348	48,258	46,151	56,002	60,365	72,162	65,445	74,515	62,570	60,467	16,790	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Crystal.5	Steam-Coal	43,362	41,531	51,419	47,194	33,218	46,175	62,874	52,985	72,084	72,092	82,181	73,344	77,741	58,290	16,340	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dade.County	Renewable	3,788	1,817	1,855	3,933	3,796	2,372	2,705	3,114	3,796	4,124	4,465	4,853	5,229	5,261	5,330	5,486	5,899	6,507	6,989	7,331	7,845	8,404	8,575	9,129	9,378	9,875	10,443	10,886	11,356	11,772	12,347	12,756	13,214	13,563	14,008
DEBARY.10	CT	300	337	330	111	1,060	747	1,320	2,040	1,999	2,629	2,210	2,764	2,147	2,163	1,607	1,582	270	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.2	CT	82	100	78	65	345	169	320	78	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.3	CT	112	180	112	74	441	343	669	95	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.4	CT	97	136	78	54	391	303	626	57	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.5	CT	88	126	107	69	386	262	483	84	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.6	CT	93	151	127	55	511	363	684	67	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.7	CT	299	219	268	242	920	796	1,117	1,802	1,939	2,050	1,973	2,204	2,008	2,184	1,451	1,349	159	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.8	CT	172	180	150	168	722	594	908	1,389	1,426	1,617	1,560	1,701	1,572	1,666	1,003	868	128	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.9	CT	319	287	267	237	1,023	895	1,258	1,961	1,972	2,142	2,127	2,400	2,292	2,355	1,581	1,478	198	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EconPurch	TranEcon-Purc	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EconSale	TranEcon-Sale	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.1	CT	0	0	0	0	0	0	14,663	22,908	19,295	25,533	31,537	33,572	35,743	32,568	29,655	32,429	37,728	38,661	45,436	44,785	49,767	39,230	35,568	39,368	41,407	45,404	46,062	50,941	48,394	51,918	56,501	55,992	54,550	58,092
Gen.190MW.CT.10	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7,365	11,663	11,488	13,580	10,086	10,134	11,677	13,212	14,868	15,062	16,239	15,035	17,169	18,525	18,621	17,900	18,725
Gen.190MW.CT.11	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6,136	9,371	11,139	9,373	11,586	9,168	10,983	12,313	13,877	13,483	14,232	15,569	15,733	16,344	15,733	15,373	16,344
Gen.190MW.CT.12	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4,581	6,960	7,238	8,968	6,674	7,534	8,066	9,561	10,478	10,756	11,366	11,335	12,024	12,759	13,454	12,371	13,356
Gen.190MW.CT.13	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4,684	6,667	4,950	5,756	6,674	7,489	9,271	9,246	9,527	9,335	9,707	11,619	11,372	10,663	11,459
Gen.190MW.CT.14	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4,765	5,745	6,777	7,520	7,914	7,736	8,958	9,864	9,539	9,009	8,762
Gen.190MW.CT.15	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3,520	4,677	5,886	6,114	6,739	6,216	6,682	7,365	7,861	7,079	8,234
Gen.190MW.CT.16	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3,134	4,120	4,764	5,214	4,976	5,697	6,358	6,056	6,024	6,211
Gen.190MW.CT.17	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.18	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.19	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.2	CT	0	0	0	0	0	0	12,495	19,542	16,455	21,447	26,225	28,581	31,139	27,719	26,422	28,038	32,123	33,589	40,289	38,493	44,107	34,325	32,690	35,416	37,829	41,505	40,507	44,908	43,063	45,925	49,910	49,726	49,310	50,819
Gen.190MW.CT.20	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.21	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.3	CT	0	0	0	0	0	0	0	12,344	13,543	18,548	22,242	24,089	26,563	23,062	22,540	23,600	27,667	29,215	35,312	32,788	38,858	29,354	28,795	30,397	33,600	35,273	35,956	41,115	37,495	40,207	45,211	44,229	45,140	45,912
Gen.190MW.CT.4	CT	0	0	0	0	0	0	0	0	0	13,064	17,476	20,303	22,015	19,911	19,785	20,287	24,216	24,670	30,739	29,753	32,587	25,460	24,835	26,614	29,436	31,431	32,200	35,999	33,739	36,344	39,557	39,437	39,838	40,629
Gen.190MW.CT.5	CT	0	0	0	0	0	0	0	0	0	0	0	0	13,443	17,833	16,050	16,183	17,536	20,759	21,432	26,638	25,667	29,715	22,337	22,097	23,707	26,186	27,890	28,788	31,419	29,437	32,086	35,143	35,265	34,744	35,060
Gen.190MW.CT.6	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10,280	13,608	15,435	16,955	18,495	22,868	22,079	25,519	19,626	18,679	20,942	23,179	24,673	25,611	28,433	26,101	28,394	30,797	30,629	30,976	31,925
Gen.190MW.CT.7	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8,784	11,177	12,424	14,687	15,961	19,191	19,275	22,562	16,898	17,312	17,894	20,595	21,625	22,412	24,786	22,965	25,295	26,178	26,931	27,327	28,227
Gen.190MW.CT.8	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7,081	9,381	9,856	11,847	12,940	16,485	15,953	19,269	14,481	14,605	15,508	17,771	19,073	19,539	20,232	20,478	21,259	23,861	23,975	23,612	23,994
Gen.190MW.CT.9	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5,303	7,021	8,158	9,549	10,983	13,742	13,680	16,193	11,821	12,387	13,601	15,140	16,875	17,041	18,330	17,717	19,337	21,469	20,957	20,572	20,990
Gen.2x1.CC.1.1	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	185,225	324,272	329,947	351,618	366,934	374,644	391,545	403,383	415,469	413,660	430,718	453,196	468,745	474,048	493,432	502,554	511,676	527,537	543,998	555,203	569,272
Gen.2x1.CC.1.1.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18,756	24,775	26,547	29,446	30,591	34,143	34,120	36,664	45,388	50,685	53,437	57,074	61,298	62,235	67,859	65,048	68,397	71,328	69,571	72,962	74,324
Gen.2x1.CC.1.2	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	947,412	425,957	443,864	467,068	483,629	492,628	509,645	520,420	527,615	541,364	557,391	569,057	582,868
Gen.2x1.CC.1.2.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	29,875	39,478	44,554	45,153	49,673	50,155	54,064	51,793	56,614	62,315	58,857	60,506	61,552
Gen.2x1.CC.1.3	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.3.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.4	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.4.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.5	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.5.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.6	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.6.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.7	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.7.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HEAT	DSM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hines.CC.1	Steam-CC	42,803	49,803	54,681	50,688	55,656	51,716	55,460	68,811	81,824	84,049	94,907	96,290	108,154	109,711	91,194	93,579	94,786	107,235	109,496	121,872	125,978	122,298	114,896	102,668	99,135	119,485	120,327	128,291	137,466	130,391	139,348	135,324	147,460	152,669	141,522
Hines.CC.2	Steam-CC	39,572	43,792	47,403	47,841	46,276	49,461	58,783	67,754	82,861	84,888	85,796	104,216	106,958	107,567	95,595	87,820	94,889	102,968	105,100	113,830	109,965	123,955	101,723	95,951	102,137	106,920	116,176	117,661	122,506	123,712	116,498	135,993	133,613	136,282	138,311
Hines.CC.3	Steam-CC	44,573	47,258	47,492	49,631	54,824	54,463	58,341	70,645	82,936	89,861	98,989	96,718	111,421	112,571	104,804	99,765	100,135	114,975	119,042	127,256	130,847	128,246	119,984	109,503	108,397	121,697	124,044	130,123	138,290	136,222	136,038	131,004	149,909	149,713	157,572
Hines.CC.4	Steam-CC	64,953	56,150	64,995	62,181	63,510	76,741	76,862	86,712	109,658	115,796	114,089	124,216	142,031	144,134	126,511	121,119	130,865	144,078	150,679	153,408	151,465	168,831	143,135	129,941	148,680	157,998	156,362	158,573	178,887	179,117	165,434	173,090	194,657	200,158	191,549
INT.CITY.1	CT	154	227	189	100	703	464	858	1,568	1,415	1,630	1,586	1,622	1,333	1,497	264	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.10	CT	214	204	182	181	774	852	1,310	1,492	1,521	1,556	1,782	1,399	1,728	1,082	876	1,486	1,830	276	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.11	CT	589	623	540	262	2,113	1,720	2,777	3,735	3,417	4,598	4,158	4,407	3,121	3,971	2,944	2,891	4,985	5,596	4,141	5,462	3,999	5,450	3,534	6,067	682	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.12	CT	556	555	487	556	1,725	1,431	2,010	3,290	3,454	3,495	3,771	4,075	3,413	3,791	2,416	2,218	2,758	3,256	1,882	2,363	1,617	2,135	2,284	3,083	1,907	473	0	0	0	0	0	0	0	0	0	0
INT.CITY.13	CT	674	641	635	630	1,857	1,308	2,183	3,529	3,558	3,703	4,026	3,945	3,840	4,137	2,459	2,426	2,970	3,413	2,085	2,580	1,824	2,462	2,537	3,417	2,631	963	0	0	0	0	0	0	0	0	0	0
INT.CITY.14	CT	481	479	451	447	1,699	1,263	1,715	2,981	3,164	3,244	3,403	3,564	3,379	3,377	2,256	1,882	2,404	2,892	1,567	1,887	1,344	1,888	1,567	2,417	1,654	211	0	0	0	0	0	0	0	0	0	0
INT.CITY.2	CT	41	98	54	20	221	120	248	902	839	969	881	883	796	819	168	0	0	0	0	0	0	0

CONFIDENTIAL

Fuel Rate ($/MMBtu)

\\s00233\grpdata\PEF Resource Planning\2020\2020-03 Clean Energy Connection\Prosym\050520\CEC_0MW.mdb

Station	Unit Type	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054
AC	DSM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Anclote.1	Steam-Gas	2.46	2.51	2.60	2.70	2.81	3.10	3.39	3.82	4.36	4.79	4.99	5.25	5.54	5.51	5.73	5.95	6.03	6.45	6.76	6.87	7.18	7.41	7.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Anclote.2	Steam-Gas	2.49	2.49	2.59	2.67	2.84	3.09	3.39	3.81	4.35	4.72	4.98	5.26	5.54	5.51	5.73	5.96	6.03	6.46	6.75	6.87	7.17	7.42	7.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
As.Avail	Cogen	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
As.Avail.PCS	Renewable	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVON.PK_P.1	CT	2.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVON.PK_P.2	CT	14.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Bartow CC.1.0	Steam-CC	2.48	2.51	2.60	2.68	2.86	3.11	3.42	3.81	4.33	4.72	4.96	5.23	5.52	5.50	5.70	5.92	6.00	6.43	6.72	6.84	7.14	7.39	7.64	7.83	8.14	8.59	8.91	9.05	9.38	9.53	9.63	9.88	10.12	10.38	10.64
Bartow CC.1.PAG	Steam-CC	2.41	2.43	2.52	2.60	2.83	3.09	3.41	3.80	4.31	4.71	4.96	5.24	5.53	5.53	5.61	5.92	6.01	6.42	6.73	6.86	7.09	7.34	7.59	7.76	8.04	8.48	8.84	9.01	9.24	9.62	9.66	9.91	10.17	10.46	10.66
BARTOW_P.1	CT	14.16	13.88	14.09	14.31	14.57	14.93	15.51	16.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BARTOW_P.2	CT	2.45	2.50	2.57	2.68	2.76	3.11	3.41	3.86	4.38	4.72	5.07	5.35	5.55	5.55	5.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BARTOW_P.3	CT	14.16	13.81	14.06	14.31	14.58	14.94	15.51	16.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BARTOW_P.4	CT	2.42	2.48	2.61	2.68	2.76	3.10	3.41	3.87	4.38	4.71	5.06	5.34	5.54	5.54	5.54	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Battery Cape San Blas	Storage	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Battery Jennings	Storage	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Battery Micanopy	Storage	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Battery Trenton	Storage	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BAYBORO_P.1	CT	13.92	13.96	14.12	14.29	14.58	14.93	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BAYBORO_P.2	CT	14.11	13.81	14.11	14.34	14.58	14.92	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BAYBORO_P.3	CT	14.02	13.97	14.13	14.29	14.58	14.93	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BAYBORO_P.4	CT	13.95	13.89	14.14	14.29	14.58	14.93	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Citrus.CC.1	Steam-CC	2.44	2.46	2.53	2.59	2.74	2.99	3.28	3.70	4.22	4.62	4.85	5.11	5.39	5.36	5.60	5.81	5.89	6.30	6.59	6.71	7.01	7.25	7.52	7.68	7.98	8.42	8.74	8.88	9.19	9.37	9.47	9.72	9.96	10.21	10.46
Citrus.CC.1.Duct	Steam-CC	2.36	2.36	2.45	2.50	2.66	2.95	3.27	3.71	4.23	4.59	4.91	5.16	5.39	5.38	5.59	5.81	5.88	6.31	6.58	6.69	7.02	7.26	7.53	7.68	7.99	8.43	8.76	8.89	9.22	9.35	9.46	9.69	9.95	10.20	10.46
Citrus.CC.2	Steam-CC	2.44	2.47	2.52	2.60	2.76	2.99	3.28	3.70	4.22	4.62	4.85	5.11	5.39	5.36	5.60	5.81	5.89	6.30	6.59	6.72	7.01	7.25	7.52	7.67	7.97	8.42	8.74	8.88	9.19	9.37	9.48	9.71	9.96	10.20	10.46
Citrus.CC.2.Duct	Steam-CC	2.35	2.36	2.43	2.50	2.66	2.95	3.27	3.71	4.24	4.59	4.92	5.16	5.39	5.38	5.58	5.80	5.87	6.31	6.58	6.68	7.02	7.26	7.53	7.69	7.99	8.44	8.76	8.90	9.23	9.32	9.44	9.68	9.91	10.17	10.44
Crystal.4	Steam-Coal	2.12	2.18	2.26	2.43	2.52	2.72	2.88	3.09	3.33	3.43	3.55	3.96	4.12	4.25	4.37	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Crystal.5	Steam-Coal	2.12	2.18	2.26	2.43	2.52	2.72	2.88	3.09	3.33	3.44	3.55	3.96	4.12	4.25	4.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Dade.County	Renewable	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.10	CT	14.23	14.17	14.38	14.54	14.83	15.19	15.77	16.42	17.18	17.87	18.32	18.72	19.14	19.58	20.03	20.48	20.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.2	CT	14.34	14.12	14.30	14.54	14.83	15.19	15.77	16.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.3	CT	14.33	14.10	14.34	14.52	14.82	15.18	15.77	16.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.4	CT	14.29	14.04	14.36	14.52	14.83	15.19	15.77	16.43	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.5	CT	14.38	14.04	14.31	14.53	14.82	15.18	15.77	16.43	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.6	CT	14.39	14.15	14.37	14.53	14.83	15.19	15.77	16.44	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.7	CT	2.43	2.48	2.58	2.68	2.76	3.10	3.41	3.86	4.37	4.72	5.05	5.33	5.54	5.54	5.72	5.97	5.84	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.8	CT	2.46	2.48	2.58	2.68	2.76	3.10	3.41	3.86	4.37	4.72	5.08	5.33	5.55	5.54	5.72	5.98	5.84	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.9	CT	2.45	2.49	2.57	2.68	2.76	3.09	3.41	3.86	4.35	4.71	5.07	5.33	5.55	5.54	5.72	5.97	5.86	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EconPurch	TranEcon-Purc	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EconSale	TranEcon-Sale	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.1	CT	0.00	0.00	0.00	0.00	0.00	0.00	3.89	4.36	4.72	5.03	5.27	5.54	5.53	5.73	5.95	6.03	6.46	6.75	6.85	7.18	7.43	7.68	7.87	8.20	8.65	8.97	9.11	9.46	9.53	9.64	9.89	10.13	10.38	10.64
Gen.190MW.CT.10	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.80	6.87	7.20	7.44	7.73	7.93	8.23	8.70	8.99	9.12	9.50	9.53	9.65	9.87	10.13	10.40	10.64
Gen.190MW.CT.11	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.79	6.88	7.21	7.45	7.74	7.93	8.24	8.70	9.01	9.12	9.52	9.53	9.65	9.89	10.13	10.40	10.65
Gen.190MW.CT.12	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.80	6.89	7.21	7.45	7.75	7.93	8.23	8.71	9.01	9.13	9.52	9.53	9.65	9.89	10.14	10.40	10.66
Gen.190MW.CT.13	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.25	7.46	7.77	7.94	8.24	8.71	9.02	9.14	9.53	9.54	9.66	9.89	10.14	10.41	10.67
Gen.190MW.CT.14	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.27	8.72	9.03	9.14	9.54	9.53	9.66	9.90	10.16	10.40	10.66
Gen.190MW.CT.15	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.28	8.73	9.03	9.14	9.55	9.53	9.66	9.91	10.17	10.41	10.66
Gen.190MW.CT.16	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.72	9.03	9.14	9.56	9.53	9.65	9.90	10.18	10.41	10.67
Gen.190MW.CT.17	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.18	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.19	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.2	CT	0.00	0.00	0.00	0.00	0.00	0.00	3.89	4.36	4.71	5.04	5.28	5.54	5.53	5.72	5.95	6.03	6.47	6.75	6.86	7.18	7.43	7.68	7.88	8.20	8.65	8.97	9.11	9.46	9.53	9.63	9.88	10.13	10.38	10.64
Gen.190MW.CT.20	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.21	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.3	CT	0.00	0.00	0.00	0.00	0.00	0.00	4.43	4.71	5.05	5.28	5.54	5.54	5.72	5.95	6.04	6.47	6.75	6.85	7.18	7.43	7.68	7.88	8.20	8.66	8.97	9.10	9.46	9.53	9.63	9.88	10.13	10.38	10.63
Gen.190MW.CT.4	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.11	5.29	5.55	5.54	5.72	5.96	6.03	6.47	6.75	6.86	7.18	7.43	7.69	7.89	8.20	8.66	8.97	9.10	9.47	9.52	9.63	9.88	10.14	10.38	10.63
Gen.190MW.CT.5	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.08	5.54	5.54	5.73	5.96	6.04	6.47	6.75	6.85	7.19	7.42	7.68	7.89	8.21	8.67	8.98	9.11	9.48	9.53	9.63	9.88	10.13	10.37	10.63
Gen.190MW.CT.6	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.79	5.96	6.04	6.48	6.76	6.85	7.19	7.43	7.70	7.90	8.21	8.66	8.98	9.10	9.48	9.52	9.64	9.88	10.14	10.39	10.63
Gen.190MW.CT.7	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.79	5.97	6.04	6.47	6.76	6.86	7.19	7.43	7.71	7.90	8.22	8.68	8.98	9.11	9.48	9.52	9.64	9.87	10.13	10.38	10.63
Gen.190MW.CT.8	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.79	5.99	6.05	6.48	6.77	6.86	7.20	7.43	7.71	7.91	8.23	8.69	8.99	9.11	9.49	9.52	9.64	9.88	10.13	10.39	10.63
Gen.190MW.CT.9	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.79	5.99	6.05	6.48	6.77	6.86	7.20	7.44	7.72	7.92	8.23	8.69	8.99	9.13	9.48	9.52	9.64	9.87	10.13	10.39	10.64
Gen.2x1.CC.1.1	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.84	5.97	6.05	6.47	6.78	6.90	7.19	7.44	7.71	7.89	8.20	8.65	8.98	9.12	9.42	9.63	9.73	9.98	10.23	10.48	10.74
Gen.2x1.CC.1.1.Duct	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.82	5.97	6.05	6.49	6.78	6.88	7.20	7.46	7.76	7.91	8.23	8.67	9.00	9.14	9.47	9.58	9.70	9.94	10.18	10.44	10.70
Gen.2x1.CC.1.2	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.82	7.89	8.20	8.65	8.98	9.12	9.42	9.64	9.74	9.98	10.23	10.49	10.75
Gen.2x1.CC.2.2.Duct	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.83	7.91	8.23	8.68	9.01	9.14	9.49	9.58	9.69	9.94	10.17	10.42	10.69
Gen.2x1.CC.1.3	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.2x1.CC.1.3.Duct	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.2x1.CC.4	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.2x1.CC.4.Duct	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0

CONFIDENTIAL

Heat Rate (MMBtu/MWh)

\\s00233\grpdata\PEF Resource Planning\2020\2020-03 Clean Energy Connection\Prosym\050520\CEC_0MW.mdb

Station	Unit Type	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054
AC	DSM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Anclote.1	Steam-Gas	12.46	12.43	12.49	12.48	12.46	12.40	12.32	12.33	12.33	12.43	12.39	12.28	12.29	11.98	12.23	12.49	12.47	12.49	12.45	12.47	12.47	12.46	12.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Anclote.2	Steam-Gas	13.78	13.70	13.79	13.77	13.66	13.47	13.44	13.40	13.40	13.61	13.55	13.20	13.18	12.75	13.43	13.86	13.80	13.79	13.80	13.85	13.84	13.78	13.72	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
As.Avail	Cogen	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
As.Avail.PCS	Renewable	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVON.PK_P.1	CT	36.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVON.PK_P.2	CT	36.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Bartow CC.1.0	Steam-CC	7.00	7.00	6.99	6.99	7.00	6.99	7.00	7.00	7.00	7.00	7.00	6.99	7.00	6.99	7.00	7.04	7.04	7.03	7.03	7.02	7.04	7.03	7.04	7.09	7.08	7.08	7.08	7.08	7.07	7.08	7.08	7.07	7.08	7.08	7.08
Bartow CC.1.PAG	Steam-CC	8.96	8.76	9.00	9.00	9.02	9.02	9.04	9.05	9.03	9.05	8.97	9.00	9.11	8.89	8.89	8.90	8.83	8.68	8.70	8.59	8.61	8.68	8.65	8.61	8.59	8.59	8.63	8.62	8.63	8.62	8.60	8.62	8.63	8.61	8.61
BARTOW_P.1	CT	17.56	16.62	17.56	17.60	17.55	17.54	17.22	17.55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BARTOW_P.2	CT	14.45	14.34	14.49	14.43	14.51	14.53	14.30	14.50	14.40	14.54	14.66	14.51	14.40	14.50	14.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BARTOW_P.3	CT	17.64	16.46	17.65	17.60	17.64	17.64	17.14	17.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BARTOW_P.4	CT	14.34	14.07	14.92	14.17	14.45	14.19	14.14	14.42	14.42	14.72	0.00	0.00	0.00	14.28	11.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Battery Cape San Blas	Storage	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Battery Jennings	Storage	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Battery Micanopy	Storage	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Battery Trenton	Storage	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BAYBORO_P.1	CT	14.63	14.61	14.68	14.70	14.64	14.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BAYBORO_P.2	CT	18.50	15.58	16.44	18.50	17.00	16.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BAYBORO_P.3	CT	14.63	14.61	14.63	14.72	14.69	14.63	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BAYBORO_P.4	CT	14.63	14.53	14.63	14.62	14.64	14.63	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Citrus.CC.1	Steam-CC	6.48	6.48	6.48	6.48	6.48	6.48	6.48	6.48	6.48	6.48	6.48	6.48	6.48	6.48	6.49	6.50	6.50	6.50	6.51	6.50	6.51	6.51	6.52	6.55	6.55	6.55	6.54	6.54	6.54	6.54	6.53	6.53	6.52	6.53	
Citrus.CC.1.Duct	Steam-CC	7.36	7.36	7.36	7.35	7.38	7.36	7.39	7.37	7.39	7.42	7.44	7.45	7.42	7.41	7.48	7.49	7.50	7.50	7.50	7.53	7.50	7.53	7.56	7.63	7.64	7.60	7.62	7.63	7.60	7.60	7.65	7.62	7.65	7.64	7.68
Citrus.CC.2	Steam-CC	6.49	6.49	6.49	6.48	6.48	6.48	6.48	6.49	6.49	6.49	6.49	6.48	6.48	6.48	6.49	6.50	6.50	6.50	6.49	6.49	6.49	6.49	6.50	6.52	6.52	6.52	6.52	6.52	6.52	6.52	6.52	6.52	6.53	6.53	6.53
Citrus.CC.2.Duct	Steam-CC	7.31	7.31	7.28	7.30	7.29	7.32	7.33	7.33	7.39	7.35	7.38	7.40	7.37	7.37	7.39	7.40	7.38	7.39	7.38	7.42	7.38	7.40	7.50	7.54	7.55	7.51	7.52	7.51	7.49	7.49	7.49	7.55	7.55	7.50	7.54	7.58
Crystal.4	Steam-Coal	11.07	11.00	11.16	11.21	11.18	11.30	11.36	11.27	11.18	11.19	11.12	11.31	11.33	11.62	11.91	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Crystal.5	Steam-Coal	10.89	10.84	11.03	11.11	11.02	11.14	11.20	11.10	11.07	11.05	11.06	11.15	11.20	11.40	11.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Dade.County	Renewable	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.10	CT	14.66	14.51	14.69	14.73	14.66	14.64	14.58	14.64	14.64	14.57	14.65	14.62	14.55	14.54	14.64	14.63	14.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.2	CT	16.85	16.86	16.97	17.12	16.87	16.85	16.91	17.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.3	CT	16.96	16.35	17.04	17.03	16.89	16.92	16.58	17.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.4	CT	16.98	16.18	17.00	16.86	16.92	16.91	16.55	17.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.5	CT	17.00	16.09	17.05	17.04	16.93	16.90	16.46	17.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.6	CT	16.97	16.20	16.94	17.09	16.91	16.85	16.57	17.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.7	CT	13.67	13.44	13.86	13.69	13.61	13.50	13.57	13.76	13.66	13.90	13.90	13.73	13.62	13.54	14.04	14.02	14.35	14.05	14.03	14.04	14.35	14.05	6.49	6.50	6.50	6.50	6.50	6.50	6.50	6.50	6.50	6.50	6.50	6.50	6.50
DEBARY.8	CT	13.60	13.34	13.62	13.57	13.62	13.50	13.49	13.67	13.57	13.80	13.93	13.70	13.58	13.55	13.95	14.44	14.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.9	CT	13.67	13.49	13.79	13.79	13.66	13.51	13.58	13.80	13.80	13.91	14.02	13.77	13.66	13.57	14.10	14.50	14.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EconPurch	TranEcon-Purc	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EconSale	TranEcon-Sale	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.1	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.65	10.61	10.52	10.54	10.71	10.71	10.84	11.46	11.75	11.69	11.64	11.73	11.64	11.67	11.59	12.40	12.73	12.71	12.66	12.61	12.59	12.60	12.55	12.54	12.58	12.53	12.57	12.59
Gen.190MW.CT.10	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.68	12.62	12.46	12.32	13.58	13.58	13.58	13.66	13.66	13.40	13.52	13.53	13.43	13.33	13.37	13.55	13.40
Gen.190MW.CT.11	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.85	12.81	12.64	12.64	13.58	13.58	13.58	13.58	13.59	13.59	13.47	13.39	13.39	13.39	13.53	13.60	13.44
Gen.190MW.CT.12	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.98	12.93	12.79	12.67	13.69	13.62	13.70	13.80	13.79	13.55	13.71	13.61	13.54	13.56	13.69	13.83	13.58
Gen.190MW.CT.13	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.98	12.76	13.64	13.60	13.72	13.90	13.75	13.65	13.84	13.77	13.75	13.59	13.74	13.87	13.69
Gen.190MW.CT.14	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.76	13.92	13.93	13.74	13.80	13.82	13.64	13.62	13.80	13.88	13.63
Gen.190MW.CT.15	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.82	13.91	13.79	13.67	13.92	13.82	13.58	13.72	13.87	13.91	13.63
Gen.190MW.CT.16	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.86	13.76	13.69	13.91	13.79	13.52	13.55	13.85	13.85	13.52
Gen.190MW.CT.17	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.18	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.19	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.2	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.63	10.63	10.54	10.53	10.67	10.68	10.82	11.50	11.76	11.74	11.66	11.75	11.67	11.68	11.63	12.53	12.80	12.75	12.78	12.67	12.68	12.67	12.65	12.65	12.64	12.60	12.67	12.62
Gen.190MW.CT.20	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.21	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.3	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.61	10.56	10.55	10.66	10.67	10.77	11.50	11.85	11.76	11.71	11.78	11.73	11.73	11.67	12.66	12.98	12.88	12.90	12.82	12.79	12.74	12.78	12.72	12.70	12.69	12.79	12.71	
Gen.190MW.CT.4	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.57	10.64	10.64	10.72	11.62	11.94	11.82	11.81	11.86	11.77	11.77	11.68	12.84	13.07	12.97	12.99	12.93	12.85	12.88	12.86	12.83	12.78	12.80	12.89	12.81	
Gen.190MW.CT.5	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.63	10.69	11.74	12.07	11.97	11.90	11.92	11.81	11.85	11.75	12.97	13.20	13.07	13.13	13.12	12.95	12.98	12.97	12.99	12.91	12.89	13.04	12.89	
Gen.190MW.CT.6	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.34	12.15	12.07	12.02	12.04	11.91	11.92	11.86	13.11	13.31	13.18	13.29	13.21	13.04	13.04	13.07	13.04	13.00	12.98	13.12	12.99		
Gen.190MW.CT.7	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.51	12.45	12.32	12.22	12.17	12.05	11.98	11.94	13.26	13.31	13.32	13.40	13.36	13.14	13.15	13.18	13.14	13.14	13.10	13.27	13.15		
Gen.190MW.CT.8	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.82	12.69	12.56	12.46	12.36	12.21	12.19	12.03	13.43	13.43	13.46	13.50	13.45	13.24	13.35	13.31	13.36	13.14	13.24	13.37	13.31		
Gen.190MW.CT.9	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.97	12.81	12.72	12.62	12.54	12.43	12.29	12.15	13.53	13.52	13.61	13.53	13.52	13.44	13.45	13.32	13.44	13.22	13.31	13.47	13.42		
Gen.2x1.CC.1	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.38	6.36	6.36	6.36	6.36	6.36	6.36	6.36	6.38	6.38	6.38	6.38	6.38	6.38	6.38	6.37	6.37	6.37	6.37				
Gen.2x1.CC.1.Duct	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.45	8.46	8.46	8.47	8.46	8.47	8.47	8.47	8.47	8.48	8.47	8.47	8.48	8.48	8.47	8.47	8.48	8.47	8.47				
Gen.2x1.CC.1.2	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.38	6.36	6.36	6.36	6.36	6.36	6.36	6.36	6.36	6.36	6.36				
Gen.2x1.CC.2.Duct	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.45	8.46	8.47	8.46	8.47	8.47	8.47	8.47	8.47	8.47	8.47				
Gen.2x1.CC.3	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
Gen.2x1.CC.3.Duct	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
Gen.2x1.CC.4	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
Gen.2x1.CC.4.Duct	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
Gen.2x1.CC.5	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
Gen.2x1.CC.5.Duct	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0

CONFIDENTIAL

Start Cost ($000)

\\s00233\grpdata\PEF Resource Planning\2020\2020-03 Clean Energy Connection\Prosym\050S2020\CEC_0MW.mdb

Station	Unit Type	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054
AC	DSM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anclote.1	Steam-Gas	203	288	364	315	225	328	302	365	315	448	330	427	439	406	397	464	529	614	457	697	716	702	379	0	0	0	0	0	0	0	0	0	0	0	0
Anclote.2	Steam-Gas	141	209	341	409	320	390	380	363	474	433	459	450	547	402	666	670	735	597	912	618	963	949	488	0	0	0	0	0	0	0	0	0	0	0	0
As.Avail	Cogen	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
As.Avail.PCS	Renewable	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AVON.PK_P.1	CT	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AVON.PK_P.2	CT	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bartow CC.1.0	Steam-CC	53	47	60	40	47	43	47	52	90	49	90	59	82	91	60	67	63	95	129	107	75	116	201	426	403	404	412	446	403	526	410	396	407	344	481
Bartow CC.1.PAG	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BARTOW_P.1	CT	5	10	8	5	31	20	56	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BARTOW_P.2	CT	26	22	31	21	118	52	99	179	183	185	178	206	180	181	26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BARTOW_P.3	CT	10	6	6	5	29	16	50	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BARTOW_P.4	CT	29	26	27	90	117	89	126	157	168	177	181	196	179	210	81	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Battery Cape San Blas	Storage	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Battery Jennings	Storage	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Battery Micanopy	Storage	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Battery Trenton	Storage	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BAYBORO_P.1	CT	7	5	7	6	24	19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BAYBORO_P.2	CT	0	1	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BAYBORO_P.3	CT	4	6	6	6	20	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BAYBORO_P.4	CT	5	4	0	0	24	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus.CC.1	Steam-CC	100	84	85	89	46	75	60	97	142	77	115	121	90	98	155	97	99	210	166	178	118	179	178	151	145	211	147	149	231	237	172	243	167	171	276
Citrus.CC.1.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus.CC.2	Steam-CC	58	61	62	88	81	102	59	67	106	90	95	163	80	105	139	105	203	167	119	168	174	131	201	129	134	211	147	161	255	170	186	337	181	200	190
Citrus.CC.2.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Crystal.4	Steam-Coal	825	744	861	487	1,160	1,171	1,154	1,304	1,027	1,335	1,409	1,641	1,180	1,124	840	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Crystal.5	Steam-Coal	751	790	832	1,370	983	869	1,310	1,197	1,209	921	806	1,128	1,506	1,143	1,100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dade.County	Renewable	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.10	CT	27	28	38	13	101	80	133	187	184	220	232	285	217	237	171	191	27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.2	CT	10	10	10	12	62	23	51	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.3	CT	16	16	14	9	68	48	86	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.4	CT	13	11	11	9	60	41	85	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.5	CT	11	10	16	12	55	31	61	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.6	CT	12	15	21	9	67	51	94	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.7	CT	118	52	100	92	269	233	299	466	499	475	461	482	496	504	385	411	46	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.8	CT	63	50	46	63	223	179	244	372	353	393	376	421	377	422	250	272	34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.9	CT	112	93	81	85	301	274	363	506	523	491	493	545	529	548	432	452	55	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EconPurch	TranEcon-Purc	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EconSale	TranEcon-Sale	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.1	CT	0	0	0	0	0	0	1,895	2,873	2,400	3,229	4,017	3,631	4,073	4,300	4,283	4,727	4,841	4,954	5,489	5,375	5,513	6,290	5,938	6,526	6,696	7,391	6,783	7,973	7,449	7,613	7,922	7,206	7,483	7,843
Gen.190MW.CT.10	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,958	3,118	2,858	3,073	3,096	2,716	3,189	3,474	3,731	3,748	3,959	3,943	4,249	4,403	4,384	4,318	4,222
Gen.190MW.CT.11	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,842	2,583	2,535	2,757	2,864	2,272	2,796	3,076	3,329	3,454	3,669	3,788	3,716	4,002	4,003	4,003	4,073
Gen.190MW.CT.12	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,541	2,257	2,245	2,578	2,465	2,390	2,524	3,012	3,208	2,945	3,312	3,387	3,237	3,407	3,881	3,525	3,509
Gen.190MW.CT.13	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,576	2,079	1,859	1,967	2,239	2,534	2,971	2,855	2,908	2,891	3,030	3,311	3,396	3,338	3,341
Gen.190MW.CT.14	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,652	2,111	2,477	2,578	2,582	2,597	2,916	3,087	3,073	3,005	2,888
Gen.190MW.CT.15	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,317	1,802	2,137	2,075	2,309	2,215	2,348	2,392	2,650	2,648
Gen.190MW.CT.16	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,272	1,684	1,637	1,956	1,977	2,170	2,191	2,177	2,482	2,284
Gen.190MW.CT.17	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.18	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.19	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.2	CT	0	0	0	0	0	0	1,848	2,667	2,286	2,888	3,443	3,326	3,880	3,934	4,049	4,344	4,443	4,718	5,456	5,149	5,232	5,755	5,161	5,958	6,339	7,144	6,466	7,441	7,339	7,330	7,614	7,080	7,479	7,334
Gen.190MW.CT.20	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.21	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.3	CT	0	0	0	0	0	0	1,717	2,004	2,662	3,085	2,957	3,568	3,689	3,733	3,949	4,335	4,444	5,175	4,821	5,214	5,161	5,042	5,448	5,783	6,377	6,307	7,299	6,701	6,699	6,967	6,405	7,037	7,082
Gen.190MW.CT.4	CT	0	0	0	0	0	0	0	0	1,977	2,717	2,855	3,196	3,392	3,477	3,488	4,063	3,954	4,863	4,516	4,747	4,753	4,707	5,120	5,270	5,472	5,787	6,639	6,017	6,125	6,698	6,199	6,439	6,705
Gen.190MW.CT.5	CT	0	0	0	0	0	0	0	0	0	0	1,964	2,837	2,999	3,168	3,207	3,684	3,769	4,574	4,200	4,658	4,474	4,488	4,577	4,991	5,084	5,487	5,944	5,541	5,871	6,070	6,088	6,143	5,979
Gen.190MW.CT.6	CT	0	0	0	0	0	0	0	0	0	0	0	0	2,151	3,012	3,077	3,419	3,513	4,387	3,683	4,258	4,314	3,961	4,233	4,840	4,817	5,116	5,643	5,177	5,410	5,654	5,425	5,670	5,719
Gen.190MW.CT.7	CT	0	0	0	0	0	0	0	0	0	0	0	0	2,030	2,715	2,884	3,215	3,183	3,932	3,624	3,957	3,922	3,922	3,908	4,430	4,350	4,752	5,096	4,794	5,182	5,259	5,055	5,463	5,567
Gen.190MW.CT.8	CT	0	0	0	0	0	0	0	0	0	0	0	0	1,925	2,348	2,532	2,864	2,968	3,561	3,189	3,783	3,844	3,438	3,524	3,923	4,168	4,442	4,543	4,439	4,978	4,969	4,907	5,217	5,154
Gen.190MW.CT.9	CT	0	0	0	0	0	0	0	0	0	0	0	0	1,666	2,134	2,339	2,479	2,705	3,459	3,013	3,348	3,381	3,182	3,305	3,744	3,882	3,946	4,426	4,145	4,325	4,930	4,575	4,634	4,722
Gen.2x1.CC.1.1	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	26	44	55	44	61	63	68	54	74	70	78	58	60	66	94	65	99	67	69	70	72
Gen.2x1.CC.1.1.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.2	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	85	57	65	77	71	72	69	88	71	73	91	71	97
Gen.2x1.CC.1.2.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.3	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.3.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.4	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.4.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.5	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.5.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.6	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.6.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.7	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.7.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HEAT	DSM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hines.CC.1	Steam-CC	78	103	55	93	116	203	158	170	122	189	277	199	250	175	265	264	350	254	305	281	227	302	516	718	767	905	896	1,041	884	1,141	856	663	1,065	772	710
Hines.CC.2	Steam-CC	107	137	87	63	162	134	111	117	100	170	134	90	205	103	227	308	142	169	294	220	207	308	388	572	657	606	719	598	705	750	600	770	724	738	787
Hines.CC.3	Steam-CC	148	164	131	590	197	262	191	257	265	229	251	231	310	257	318	494	406	394	464	358	448	365	565	540	550	631	677	606	609	707	688	696	836	828	807
Hines.CC.4	Steam-CC	16	29	38	23	24	19	29	28	27	29	60	46	52	48	86	40	38	40	42	67	89	112	113	73	81	130	113	141	83	60	127	181	134	99	163
INT.CITY.1	CT	6	5	5	3	16	14	22	35	33	36	43	41	35	40	7	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.10	CT	83	67	82	83	240	203	257	382	407	404	434	441	346	434	294	287	453	480	69	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.11	CT	102	93	118	58	390	310	616	749	632	799	912	882	723	891	631	626	1,207	1,408	1,080	1,332	1,138	1,403	984	1,370	216	0	0	0	0	0	0	0	0	0	0
INT.CITY.12	CT	165	191	166	184	436	365	488	682	748	659	731	723	645	767	608	581	687	761	529	645	441	570	780	951	615	189	0	0	0	0	0	0	0	0	0
INT.CITY.13	CT	209	220	221	208	458	329	492	698	721	650	739	681	718	767	619	634	705	735	582	696	498	639	835	1,045	873	139	0	0	0	0	0	0	0	0	0
INT.CITY.14	CT	146	147	157	144	394	331	417	672	642	614	661	662	570	509	602	656	441	499	367	483	448	572	523	71	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.2	CT	1	1	1	1	4	2	3	15	13	18	22	17	14	16	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.3	CT	4	5	3	3	11	10	12	26	36	35	40	37	32	37	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.4	CT	5	5	4	3	20	15	22	33	39	39	42	44	38	45	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.5	CT	2	2	1	0	6	6	5	15	22	23	27	26	20	26	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.6	CT	6	4	5	4	25	18	33	40	47	50	54	53	41	50	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.7	CT	86	47	48	63	225	152	244	347	298	357	372	334	362	397	253	240	362	417	53	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.8	CT	95	90	90	90	260	208	282	421	473	435	443	468	490	531	376	348	458	510	77	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.9	CT	91	73	102	75	247	178	290	449	434	427	432	441	420	466	327	345	446	519	65	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INTER	DSM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lake.County	Renewable	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LEE.County.Res	Renewable	0	0

CONFIDENTIAL

Total Cost ($000)

\\s00233\grpdata\PEF Resource Planning\2020\2020-03 Clean Energy Connection\Prosym\0505202O\CEC_0MW.mdb

Station	Unit Type	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054
Anclote.1	Steam-Gas	9,872	11,707	15,094	14,169	16,144	20,046	26,044	28,937	34,363	39,140	38,161	48,083	48,270	59,158	52,053	52,481	57,202	70,617	65,052	77,377	78,778	86,596	81,601	0	0	0	0	0	0	0	0	0	0	0	0
Anclote.2	Steam-Gas	12,076	14,285	14,491	16,403	15,628	24,212	25,695	31,588	39,712	39,593	50,032	49,792	56,659	64,193	61,667	53,673	63,661	68,405	70,658	71,756	81,221	86,063	82,833	0	0	0	0	0	0	0	0	0	0	0	0
As.Avail	Cogen	36	36	37	38	41	51	61	74	86	99	106	119	127	131	136	141	156	175	189	205	222	239	252	264	278	294	313	327	347	361	375	388	407	422	437
As.Avail.PCS	Renewable	2,137	2,162	2,203	2,253	2,393	3,203	3,999	4,921	5,904	6,638	7,402	8,209	8,884	9,499	9,782	10,337	11,537	13,069	14,329	15,843	17,044	18,517	19,456	20,562	21,826	23,323	24,764	25,971	27,496	28,476	30,119	31,331	32,563	33,882	35,387
AVON.PK_P.1	CT	540	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AVON.PK_P.2	CT	149	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bartow CC.1.0	Steam-CC	137,815	137,848	144,461	145,837	148,199	171,741	197,919	229,316	247,782	297,042	329,246	362,023	367,238	386,037	382,726	371,922	400,906	415,804	485,425	481,428	550,109	578,914	556,702	523,371	558,018	615,628	649,473	668,545	668,002	726,698	762,847	800,402	806,654	830,433	879,072
Bartow CC.1.PAG	Steam-CC	396	567	333	505	681	1,140	1,236	1,585	1,506	1,715	2,264	3,071	3,268	3,793	3,257	825	1,008	1,222	1,453	1,549	2,069	2,423	2,645	2,943	3,129	2,872	3,595	3,626	3,874	3,686	4,260	4,804	4,740	4,628	5,015
BARTOW_P.1	CT	45	89	53	91	245	155	421	73	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BARTOW_P.2	CT	94	97	110	67	462	230	500	978	1,100	1,221	1,078	1,292	1,153	1,113	186	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BARTOW_P.3	CT	80	86	56	31	266	135	419	88	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BARTOW_P.4	CT	127	134	105	119	536	459	717	1,031	1,119	1,289	1,262	1,414	1,394	1,671	315	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Battery Cape San Blas	Storage	48	146	176	237	240	244	249	253	257	261	266	270	240	174	205	266	270	275	280	285	290	295	300	305	310	215	0	0	0	0	0	0	0	0	0
Battery Jennings	Storage	79	241	247	242	230	231	232	234	236	237	239	241	236	225	236	255	260	265	270	275	280	285	290	295	301	208	0	0	0	0	0	0	0	0	0
Battery Micanopy	Storage	79	241	247	242	230	231	232	234	236	237	239	241	236	225	236	255	260	265	270	275	280	285	290	295	301	208	0	0	0	0	0	0	0	0	0
Battery Trenton	Storage	79	241	247	242	230	231	232	234	236	237	239	241	236	225	236	255	260	265	270	275	280	285	290	295	301	208	0	0	0	0	0	0	0	0	0
BAYBORO_P.1	CT	401	367	357	242	1,473	1,138	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BAYBORO_P.2	CT	11	71	22	11	63	48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BAYBORO_P.3	CT	254	347	271	197	1,249	1,004	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BAYBORO_P.4	CT	331	261	225	154	1,255	669	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus.CC.1	Steam-CC	100,640	104,421	105,756	110,698	127,977	135,154	160,388	186,414	205,118	242,195	260,983	272,482	301,820	309,203	328,627	325,573	351,220	375,160	403,264	412,384	471,461	489,433	480,855	487,610	522,094	536,394	587,851	605,394	612,125	657,580	688,422	715,241	769,809	799,497	835,086
Citrus.CC.1.Duct	Steam-CC	5,389	5,749	5,439	6,036	6,468	7,140	7,930	9,270	10,209	11,695	14,067	15,298	15,871	16,852	15,820	16,452	17,887	17,837	19,962	22,304	24,031	26,316	22,344	24,641	27,348	27,189	31,475	31,987	32,150	34,417	37,504	37,624	40,928	40,736	43,897
Citrus.CC.2	Steam-CC	109,721	107,533	91,260	109,632	116,094	134,527	159,148	184,592	203,721	239,738	258,396	270,663	300,593	308,513	328,066	327,204	352,649	376,677	429,580	423,439	500,456	518,806	531,171	521,801	555,934	575,592	624,281	642,737	640,565	698,104	723,880	726,299	768,412	797,929	839,549
Citrus.CC.2.Duct	Steam-CC	5,382	5,486	5,447	5,691	5,433	6,712	7,321	8,796	10,061	10,744	12,914	14,491	14,922	15,802	14,392	14,788	15,329	15,419	16,763	18,765	20,539	22,723	17,988	19,121	20,087	20,870	23,995	23,038	22,803	24,850	26,601	27,716	28,393	29,442	30,804
Crystal.4	Steam-Coal	47,306	53,333	43,012	39,006	51,736	62,883	66,305	86,529	98,331	125,227	120,107	138,486	120,644	120,901	95,318	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Crystal.5	Steam-Coal	48,230	46,277	57,053	52,770	87,146	59,903	75,840	81,723	117,264	124,520	149,568	135,650	149,814	116,541	94,681	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dade.County	Renewable	1,788	1,817	1,850	1,933	2,045	2,776	3,356	4,057	5,168	5,648	6,247	6,959	7,630	8,313	8,750	9,827	11,077	12,212	13,207	14,392	15,585	16,409	17,616	18,544	19,668	20,889	21,985	23,141	24,176	25,405	26,467	27,618	28,579	29,677	
DEBARY.10	CT	327	366	368	124	1,163	848	1,517	2,363	2,348	3,106	2,694	3,407	2,672	2,742	2,053	2,064	355	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.2	CT	92	110	88	76	199	197	389	93	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.3	CT	129	199	127	83	551	403	791	110	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.4	CT	110	148	89	63	453	354	745	71	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.5	CT	99	137	124	81	443	302	570	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.6	CT	106	167	148	64	580	427	815	78	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.7	CT	418	272	368	335	1,191	1,107	1,593	2,632	2,891	3,070	3,018	3,402	3,239	3,559	2,461	2,370	287	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.8	CT	235	230	196	231	946	832	1,296	2,041	2,110	2,441	2,396	2,675	2,508	2,754	1,682	1,533	233	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.9	CT	431	380	349	323	1,326	1,257	1,821	2,863	2,958	3,204	3,247	3,726	3,636	3,842	2,692	2,598	362	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EconPurch	TranEcon-Purc	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EconSale	TranEcon-Sale	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.1	CT	0	0	0	0	0	0	20,095	32,054	27,627	37,296	46,948	50,197	55,192	51,796	48,281	55,483	65,531	69,247	84,034	84,690	95,906	79,420	74,001	82,999	87,660	97,323	100,033	112,059	108,721	118,448	129,914	129,478	127,974	137,334	
Gen.190MW.CT.10	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14,800	24,410	24,355	28,929	23,086	23,283	27,103	30,536	34,463	35,589	38,455	36,857	42,363	45,959	46,633	45,432	47,604	
Gen.190MW.CT.11	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12,668	22,310	22,316	26,102	20,017	21,322	24,543	25,819	29,005	29,450	31,459	33,388	33,384	35,600	38,194	39,376	42,192	
Gen.190MW.CT.12	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9,808	15,464	16,271	20,108	16,160	18,056	19,491	23,016	25,315	26,119	27,936	28,621	30,430	32,553	34,915	32,516	34,985	
Gen.190MW.CT.13	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10,558	15,450	12,352	14,262	16,530	18,526	22,709	23,003	23,798	23,955	25,321	30,012	29,901	28,585	30,613	
Gen.190MW.CT.14	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11,662	14,719	17,313	19,259	20,201	20,344	23,625	26,026	25,582	24,626	26,380	
Gen.190MW.CT.15	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8,922	12,343	15,199	15,924	17,548	16,794	18,218	19,938	19,543	20,036	22,783	
Gen.190MW.CT.16	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8,211	11,295	12,765	14,106	13,986	15,962	17,585	17,101	17,554	17,933	
Gen.190MW.CT.17	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.18	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.19	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.2	CT	0	0	0	0	0	0	17,399	27,635	23,915	31,568	39,216	43,046	48,492	44,453	43,321	48,300	56,208	60,667	75,178	73,419	85,435	69,825	67,728	74,806	80,361	89,442	88,581	99,287	97,559	105,500	115,523	115,815	116,519	120,761	
Gen.190MW.CT.20	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.21	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.3	CT	0	0	0	0	0	0	0	17,417	19,889	27,522	33,499	36,511	41,674	37,498	37,313	41,038	49,005	53,178	66,392	63,078	75,971	60,050	60,239	64,650	71,592	76,415	79,312	91,476	85,386	92,760	104,793	103,221	106,954	109,712	
Gen.190MW.CT.4	CT	0	0	0	0	0	0	0	0	0	0	19,381	26,713	31,219	34,874	32,663	33,014	35,456	43,228	45,213	58,224	57,434	64,191	52,449	52,414	57,046	63,030	67,942	71,271	80,403	76,907	83,991	92,461	92,618	94,722	97,674
Gen.190MW.CT.5	CT	0	0	0	0	0	0	0	0	0	0	0	20,678	28,600	26,685	27,428	30,910	37,346	39,686	50,929	49,938	58,948	46,388	47,000	50,885	56,420	60,583	64,097	70,405	67,536	74,730	82,356	83,497	83,306	84,606	
Gen.190MW.CT.6	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	17,239	23,497	27,528	31,015	34,587	44,276	43,098	50,963	41,220	39,995	45,222	50,487	54,006	57,364	64,054	60,220	66,432	72,602	72,768	74,518	77,404	
Gen.190MW.CT.7	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	15,312	20,234	23,291	27,833	30,720	38,152	38,809	46,010	36,496	38,097	39,777	45,793	48,335	51,364	56,935	54,171	60,503	63,225	65,301	67,266	70,025	
Gen.190MW.CT.8	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	12,760	15,761	18,959	22,949	25,522	33,128	32,518	39,912	31,961	32,476	34,787	39,800	43,147	45,279	47,144	48,649	51,778	57,964	58,761	58,882	60,247	
Gen.190MW.CT.9	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	9,942	13,555	16,141	18,900	22,042	28,328	28,374	33,908	26,576	28,357	30,913	34,542	38,545	39,741	43,200	42,643	47,022	52,805	51,887	51,626	53,130	
Gen.2x1.CC.1.1	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	273,841	489,254	524,759	575,080	618,775	656,348	703,259	743,067	782,108	798,858	845,014	894,722	936,920	968,208	1,019,496	1,054,868	1,096,572	1,144,374	1,193,241	1,230,658	1,273,663	
Gen.2x1.CC.1.1.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	28,071	38,128	42,969	48,834	52,337	60,561	61,991	68,204	85,771	98,199	105,110	112,950	122,763	127,382	140,201	137,263	147,252	155,443	153,484	162,556	167,104	
Gen.2x1.CC.2	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	462,732	822,322	870,587	921,959	966,418	1,005,906	1,052,888	1,091,812	1,130,126	1,173,879	1,222,192	1,260,710	1,303,585	
Gen.2x1.CC.2.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	56,093	76,880	87,892	89,700	99,793	103,004	111,990	109,796	122,288	136,068	130,233	135,266	138,887	
Gen.2x1.CC.3	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.3.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.4	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.4.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.5	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.5.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.6	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.6.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.7	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.7.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HEAT	DSM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hines.CC.1	Steam-CC	49,646	57,898	63,525	58,818	64,357	64,296	71,765	91,288	109,890	115,063	133,022	137,313	156,828	164,162	138,777	144,494	154,351	179,103	188,584	218,047	230,679	229,638	221,130	202,707	198,814	241,114	245,805	268,028	289,941	279,966	304,880	299,325	330,627	345,099	322,801
Hines.CC.2	Steam-CC	45,410	50,405	54,462	54,870	62,961	60,885	75,358	89,134	107,824	115,464	119,303	147,628	154,162	159,943	144,737	135,040	153,521	171,131	180,323	202,810	199,856	232,076	194,755	188,660	204,009	214,414	236,316	244,306	257,187	264,492	254,045	300,383	298,565	307,603	315,196
Hines.CC.3	Steam-CC	51,608	54,815	55,010	57,469	63,174	67,462	75,264	93,506	111,211	122,722	138,284	137,567	161,228	168,105	159,232	154,072	162,866	191,865	204,972	227,619	239,635	246,602	230,438	216,260	218,543	244,639	252,444	270,557	290,342	291,690	297,443	289,957	335,584	338,606	359,408
Hines.CC.4	Steam-CC	70,565	61,013	70,662	67,508	68,810	90,090	94,557	110,000	141,678	152,753	154,335	171,375	199,406	209,036	186,670	181,413	206,828	234,276	252,828	267,626	270,914	309,909	268,651	249,909	290,659	311,007	311,594	322,966	368,540	374,989	353,755	374,996	426,397	442,945	427,991
INT.CITY.1	CT	167	242	203	107	749	512	958	1,774	1,623	1,893	1,875	1,940	1,617	1,837	327	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.10	CT	297	271	274	264	993	846	1,246	1,958	2,231	2,439	2,405	2,805	2,241	2,484	1,943	1,562	2,738	3,379	525	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.11	CT	692	717	658	320	2,505	2,080	3,529	4,735	4,335	5,852	5,549	5,863	4,298	5,495	4,082	4,052	7,276	8,391	6,373	8,468	6,495	8,833	5,885	9,945	1,195	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.12	CT	721	746	653	741	2,163	1,937	2,818	4,640	5,012	5,089	5,620	6,125	5,275	6,075	4,065	3,804	4,929	5,918	3,624	4,682	3,274	4,415	4,992	6,800	4,298	1,128	0	0	0	0	0	0	0	0	0	0
INT.CITY.13	CT	883	861	857	838	2,317	1,766	3,023	4,944	5,112	5,342	5,958	5,911	5,926	6,558	4,137	4,160	5,270	6,136	4,011	5,109	3,698	5,072	5,512	7,525	5,963	859	0	0	0	0	0	0	0	0	0	0
INT.CITY.14	CT	628	626	604	591	1,897	1,720	2,406	4,198	4,578	4,713	5,053	5,340	5,244	5,389	3,799	3,243	4,297	5,235	3,019	3,713	2,897	3,882	3,223	4,567	3,720	489	0	0	0	0	0	0	0	0	0	0
INT.CITY.2	CT	43	103	57	22	235	131	274	1,015	954	1,121	1,039	1,050	958	998	207	0	0	0	0	0	0	0	0	0	0	0	0

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Station	Unit Type	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054
AC	DSM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anclote.1	Steam-Gas	548	650	830	771	874	930	1,082	1,065	1,119	1,160	1,083	1,310	1,254	1,578	1,310	1,250	1,316	1,516	1,327	1,521	1,481	1,577	559	0	0	0	0	0	0	0	0	0	0	0	0
Anclote.2	Steam-Gas	609	740	728	820	764	1,041	987	1,077	1,191	1,080	1,303	1,263	1,375	1,611	1,420	1,146	1,322	1,327	1,291	1,273	1,372	1,411	526	0	0	0	0	0	0	0	0	0	0	0	0
As.Avail	Cogen	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
As.Avail.PCS	Renewable	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AVON.PK_P.1	CT	78	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AVON.PK_P.2	CT	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bartow CC.1.0	Steam-CC	14,664	14,824	15,438	15,517	15,159	15,377	15,835	16,369	15,704	17,362	18,320	19,207	18,600	19,520	18,777	17,651	18,243	17,646	19,564	18,822	20,572	20,928	19,466	17,729	18,370	19,583	20,152	20,478	20,069	21,568	22,506	23,351	23,246	23,689	24,834
Bartow CC.1.PAG	Steam-CC	35	51	29	44	56	81	78	89	75	79	100	127	129	148	50	31	37	42	48	49	64	72	76	83	86	76	93	92	97	90	104	116	113	109	117
BARTOW_P.1	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BARTOW_P.2	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BARTOW_P.3	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BARTOW_P.4	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Battery Cape San Blas	Storage	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Battery Jennings	Storage	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Battery Micanopy	Storage	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Battery Trenton	Storage	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BAYBORO_P.1	CT	14	13	12	9	53	40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BAYBORO_P.2	CT	0	2	1	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BAYBORO_P.3	CT	9	10	10	6	45	35	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BAYBORO_P.4	CT	12	9	8	6	46	24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus.CC.1	Steam-CC	6,940	7,305	7,380	7,743	8,685	7,931	8,383	8,591	8,327	9,028	9,250	9,196	9,725	9,937	10,187	9,787	10,116	10,054	10,235	10,144	11,096	11,122	10,542	10,406	10,819	10,720	11,463	11,645	11,542	12,239	12,734	13,079	13,924	14,316	14,800
Citrus.CC.1.Duct	Steam-CC	341	372	348	388	400	376	367	377	365	385	433	449	449	475	428	432	449	416	442	477	492	518	424	453	467	469	528	529	523	554	595	592	634	625	664
Citrus.CC.2	Steam-CC	7,560	7,500	6,531	7,637	7,812	7,891	8,316	8,503	8,268	8,934	9,153	9,128	9,684	9,913	10,169	9,837	10,153	10,095	10,937	10,410	11,814	11,822	11,686	11,180	11,563	11,552	12,216	12,408	12,111	13,016	13,423	13,292	13,901	14,288	14,891
Citrus.CC.2.Duct	Steam-CC	344	358	355	369	340	356	342	359	359	357	399	427	424	447	394	393	391	365	377	407	427	455	344	356	362	365	408	387	376	407	428	441	449	458	472
Crystal.4	Steam-Coal	2,258	2,563	2,003	1,746	2,267	2,219	2,048	2,393	2,473	2,931	2,653	2,727	2,257	2,113	569	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Crystal.5	Steam-Coal	2,351	2,250	2,712	2,357	1,648	2,153	2,380	2,297	2,982	2,967	3,347	2,723	2,836	2,076	565	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dade.County	Renewable	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.10	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.2	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.3	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.4	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.5	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.6	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.7	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.8	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.9	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EconPurch	TranEcon-Purc	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EconSale	TranEcon-Sale	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.1	CT	0	0	0	0	0	0	388	556	448	569	676	702	759	647	566	630	704	703	840	808	896	654	577	631	647	704	722	787	764	832	901	896	871	926
Gen.190MW.CT.10	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	123	198	194	230	153	153	174	190	212	222	233	220	256	279	280	265	280
Gen.190MW.CT.11	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	101	149	166	186	157	138	159	175	192	197	196	212	233	233	197	225	244
Gen.190MW.CT.12	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	75	115	119	147	100	114	119	136	148	156	160	165	178	189	197	179	197
Gen.190MW.CT.13	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	75	109	74	87	98	106	131	133	133	134	141	171	166	154	168
Gen.190MW.CT.14	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	76	81	94	108	110	111	132	145	136	130	144
Gen.190MW.CT.15	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	51	83	88	93	88	93	89	99	107	113	102	121
Gen.190MW.CT.16	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	44	58	68	72	71	84	94	87	87	92
Gen.190MW.CT.17	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.18	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.19	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.2	CT	0	0	0	0	0	0	331	474	381	477	563	599	662	549	504	542	598	610	743	694	792	566	528	565	585	640	630	690	674	729	792	792	781	808
Gen.190MW.CT.20	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.21	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.3	CT	0	0	0	0	0	0	295	314	411	478	505	566	457	427	455	513	528	648	588	695	479	458	480	515	537	555	628	581	635	715	700	709	726
Gen.190MW.CT.4	CT	0	0	0	0	0	0	0	0	286	375	427	471	391	372	390	445	443	562	532	582	410	392	417	448	475	495	543	520	569	622	618	620	637
Gen.190MW.CT.5	CT	0	0	0	0	0	0	0	0	0	0	281	383	311	301	332	378	383	485	456	528	355	345	369	393	415	439	471	450	496	546	549	535	547
Gen.190MW.CT.6	CT	0	0	0	0	0	0	0	0	0	0	0	0	188	251	290	306	327	413	389	449	309	289	323	344	364	388	424	396	437	475	473	474	494
Gen.190MW.CT.7	CT	0	0	0	0	0	0	0	0	0	0	0	0	158	201	229	261	279	342	338	394	263	268	273	303	316	336	366	345	386	400	413	413	431
Gen.190MW.CT.8	CT	0	0	0	0	0	0	0	0	0	0	0	0	124	147	178	206	223	290	275	334	222	224	234	259	276	291	294	305	319	365	363	354	362
Gen.190MW.CT.9	CT	0	0	0	0	0	0	0	0	0	0	0	0	92	122	143	164	186	238	234	277	180	196	204	219	243	252	265	261	291	326	316	306	314
Gen.2x1.CC.1.1	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	8,430	14,827	15,252	15,589	15,923	16,366	16,819	17,171	17,482	17,402	17,873	18,271	18,657	19,030	19,656	20,072	20,738	21,390	22,058	22,520	23,090
Gen.2x1.CC.1.1.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	773	1,018	1,104	1,170	1,194	1,343	1,315	1,400	1,707	1,914	1,990	2,066	2,192	2,246	2,422	2,349	2,504	2,613	2,552	2,676	2,723
Gen.2x1.CC.1.2	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10,250	17,957	18,462	18,877	19,295	19,833	20,359	20,824	21,421	21,983	22,632	23,109	23,672
Gen.2x1.CC.1.2.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,116	1,493	1,658	1,635	1,776	1,811	1,928	1,876	2,076	2,282	2,161	2,222	2,260
Gen.2x1.CC.1.3	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.3.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.4	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.4.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.5	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.5.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.6	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.6.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.7	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.7.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HEAT	DSM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hines.CC.1	Steam-CC	6,678	7,887	8,679	7,937	8,482	7,332	7,339	8,325	8,924	8,626	9,500	9,350	10,218	10,668	8,682	8,710	8,929	9,697	9,686	10,982	11,115	10,681	9,880	8,688	8,296	9,757	9,729	10,467	11,151	10,552	11,474	11,171	12,155	12,581	11,659
Hines.CC.2	Steam-CC	5,585	6,314	6,802	6,801	6,370	6,389	7,067	7,429	7,997	7,907	7,783	9,185	9,150	9,471	8,292	7,472	8,170	8,496	8,499	9,302	8,781	9,860	7,923	7,449	7,814	7,954	8,545	8,731	9,006	8,144	8,760	10,218	10,045	10,231	10,385
Hines.CC.3	Steam-CC	6,739	7,234	7,237	7,496	7,991	7,420	7,407	8,180	8,645	8,827	9,468	8,977	10,062	10,468	9,576	8,956	9,103	10,008	10,158	10,988	11,055	10,242	9,860	8,974	8,808	9,569	9,597	10,174	10,701	10,627	10,767	10,393	11,880	11,856	12,456
Hines.CC.4	Steam-CC	5,520	4,770	5,555	5,236	5,210	5,941	5,557	5,722	6,537	6,481	6,224	6,565	7,296	7,639	6,613	6,219	6,798	7,180	7,357	7,554	7,304	8,084	6,761	6,089	6,888	7,119	6,955	7,114	7,977	7,998	7,493	7,850	8,830	9,082	8,681
INT.CITY.1	CT	5	8	6	3	24	16	29	52	46	53	51	52	43	49	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.10	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.11	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.12	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.13	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.14	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.2	CT	1	3	2	1	7	4	8	30	27	31	28	28	26	27	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.3	CT	4	8	4	3	16	13	17	41	50	50	49	51	45	47	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.4	CT	7	6	4	2	29	19	29	54	60	60	54	62	54	56	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.5	CT	2	4	2	1	9	6	10	30	33	37	35	32	28	34	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.6	CT	10	10	8	6	40	26	42	68	72	75	76	77	63	67	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.7	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.8	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.9	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INTER	DSM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lake.County	Renewable	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LEE.

CONFIDENTIAL

VOM Rate ($/MWh)

\\s00233\grpdata\PEF Resource Planning\2020\2020-03 Clean Energy Connection\Prosym\05052020\CEC_0MW.mdb

Station	Unit Type	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054
AC	DSM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Anclote.1	Steam-Gas	1.84	1.89	1.94	1.99	2.04	2.09	2.14	2.19	2.25	2.30	2.36	2.42	2.48	2.54	2.61	2.67	2.74	2.81	2.88	2.95	3.02	3.10	3.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Anclote.2	Steam-Gas	1.84	1.89	1.94	1.99	2.04	2.09	2.14	2.19	2.25	2.30	2.36	2.42	2.48	2.54	2.61	2.67	2.74	2.81	2.88	2.95	3.02	3.10	3.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
As.Avail	Cogen	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
As.Avail.PCS	Renewable	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVON.PK_P.1	CT	15.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVON.PK_P.2	CT	15.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Bartow CC.1.0	Steam-CC	2.07	2.12	2.18	2.23	2.29	2.34	2.40	2.46	2.52	2.59	2.65	2.72	2.79	2.86	2.93	3.00	3.08	3.15	3.23	3.31	3.40	3.48	3.57	3.66	3.75	3.84	3.94	4.04	4.14	4.24	4.35	4.45	4.57	4.68	4.80
Bartow CC.1.RAG	Steam-CC	2.07	2.12	2.18	2.23	2.29	2.34	2.40	2.46	2.52	2.59	2.65	2.72	2.79	2.86	2.93	3.00	3.08	3.15	3.23	3.31	3.39	3.48	3.57	3.66	3.75	3.84	3.94	4.04	4.14	4.24	4.35	4.46	4.57	4.68	4.80
BARTOW_P.1	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BARTOW_P.2	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BARTOW_P.3	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BARTOW_P.4	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Battery Cape San Blas	Storage	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Battery Jennings	Storage	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Battery Micanopy	Storage	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Battery Trenton	Storage	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BAYBORO_P.1	CT	7.32	7.50	7.69	7.88	8.08	8.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BAYBORO_P.2	CT	8.50	7.90	8.00	9.25	8.67	8.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BAYBORO_P.3	CT	7.47	7.60	7.85	8.05	8.26	8.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BAYBORO_P.4	CT	7.52	7.70	7.89	8.10	8.30	8.51	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Citrus.CC.1	Steam-CC	1.18	1.21	1.24	1.27	1.30	1.33	1.36	1.40	1.43	1.47	1.51	1.54	1.58	1.62	1.66	1.70	1.75	1.79	1.84	1.88	1.93	1.98	2.03	2.08	2.13	2.18	2.24	2.29	2.35	2.41	2.47	2.53	2.59	2.66	2.72
Citrus.CC.1.Duct	Steam-CC	1.18	1.21	1.24	1.27	1.30	1.33	1.36	1.40	1.43	1.47	1.51	1.54	1.58	1.62	1.66	1.70	1.75	1.79	1.84	1.88	1.93	1.98	2.03	2.08	2.13	2.18	2.24	2.29	2.35	2.41	2.47	2.53	2.59	2.66	2.72
Citrus.CC.2	Steam-CC	1.18	1.21	1.24	1.27	1.30	1.33	1.36	1.40	1.43	1.47	1.51	1.54	1.58	1.62	1.66	1.70	1.75	1.79	1.84	1.88	1.93	1.98	2.03	2.08	2.13	2.18	2.24	2.29	2.35	2.41	2.47	2.53	2.59	2.66	2.72
Citrus.CC.2.Duct	Steam-CC	1.18	1.21	1.24	1.27	1.30	1.33	1.36	1.40	1.43	1.47	1.51	1.54	1.58	1.62	1.66	1.70	1.75	1.79	1.84	1.88	1.93	1.98	2.03	2.08	2.13	2.18	2.24	2.29	2.35	2.41	2.47	2.53	2.59	2.66	2.72
Crystal.4	Steam-Coal	1.25	1.28	1.31	1.35	1.38	1.41	1.45	1.49	1.52	1.56	1.60	1.64	1.68	1.72	1.77	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Crystal.5	Steam-Coal	1.25	1.28	1.31	1.35	1.38	1.41	1.45	1.49	1.52	1.56	1.60	1.64	1.68	1.72	1.77	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Dade.County	Renewable	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.10	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.2	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.3	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.4	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.5	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.6	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.7	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.8	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.9	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EconPurch	TranEcon-Purc	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EconSale	TranEcon-Sale	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.1	CT	0.00	0.00	0.00	0.00	0.00	0.00	1.10	1.12	1.15	1.18	1.21	1.24	1.27	1.30	1.34	1.37	1.40	1.44	1.47	1.51	1.55	1.59	1.63	1.67	1.71	1.75	1.80	1.84	1.89	1.94	1.98	2.03	2.08	2.14
Gen.190MW.CT.10	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.11	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.12	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.13	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.14	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.15	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.16	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.17	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.18	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.19	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.2	CT	0.00	0.00	0.00	0.00	0.00	0.00	1.10	1.12	1.15	1.18	1.21	1.24	1.27	1.30	1.34	1.37	1.40	1.44	1.47	1.51	1.55	1.59	1.63	1.67	1.71	1.75	1.80	1.84	1.89	1.93	1.98	2.03	2.08	2.14
Gen.190MW.CT.20	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.21	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.3	CT	0.00	0.00	0.00	0.00	0.00	0.00	1.12	1.15	1.18	1.21	1.24	1.27	1.30	1.34	1.37	1.40	1.44	1.47	1.51	1.55	1.59	1.63	1.67	1.71	1.75	1.80	1.84	1.89	1.94	1.98	2.03	2.08	2.14	2.14
Gen.190MW.CT.4	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.18	1.21	1.24	1.27	1.30	1.34	1.37	1.40	1.44	1.47	1.51	1.55	1.59	1.63	1.67	1.71	1.75	1.80	1.84	1.89	1.93	1.98	2.03	2.08	2.14
Gen.190MW.CT.5	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.24	1.27	1.30	1.34	1.37	1.40	1.44	1.47	1.51	1.55	1.59	1.63	1.67	1.71	1.75	1.80	1.84	1.89	1.93	1.98	2.03	2.08	2.14	2.14
Gen.190MW.CT.6	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.30	1.34	1.37	1.40	1.44	1.47	1.51	1.55	1.59	1.63	1.67	1.71	1.75	1.80	1.84	1.89	1.94	1.98	2.03	2.08	2.14	2.14
Gen.190MW.CT.7	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.30	1.34	1.37	1.40	1.44	1.47	1.51	1.55	1.59	1.63	1.67	1.71	1.75	1.80	1.84	1.89	1.93	1.98	2.03	2.08	2.14	2.14
Gen.190MW.CT.8	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.30	1.34	1.37	1.40	1.44	1.47	1.51	1.55	1.59	1.63	1.67	1.71	1.75	1.80	1.84	1.89	1.94	1.98	2.03	2.08	2.14	2.14
Gen.190MW.CT.9	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.30	1.34	1.37	1.40	1.44	1.47	1.51	1.55	1.59	1.63	1.67	1.71	1.75	1.80	1.84	1.89	1.94	1.98	2.03	2.08	2.14	2.14
Gen.2x1.CC.1.1	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.69	1.74	1.78	1.82	1.87	1.92	1.97	2.01	2.06	2.12	2.17	2.22	2.28	2.34	2.39	2.45	2.52	2.58	2.64	2.71	2.78	
Gen.2x1.CC.1.1.Duct	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.03	2.08	2.13	2.18	2.24	2.29	2.35	2.41	2.47	2.53	2.60	2.66	2.73	2.80	2.86	2.94	3.01	3.09	3.16	3.24	3.32	
Gen.2x1.CC.1.2	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.06	2.12	2.17	2.22	2.28	2.34	2.39	2.45	2.52	2.58	2.64	2.71	2.78
Gen.2x1.CC.1.2.Duct	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.47	2.53	2.60	2.66	2.73	2.80	2.86	2.94	3.01	3.09	3.16	3.24	3.32
Gen.2x1.CC.1.3	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.2x1.CC.1.3.Duct	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.2x1.CC.1.4	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.2x1.CC.1.4.Duct	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.2x1.CC.1.5	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

CONFIDENTIAL

Dispatch Price ($/MWh)

\\s00233\grpdata\PEF Resource Planning\2020\2020-03 Clean Energy Connection\Prosym\0505202012CEC_750MW.mdb

Station	Unit Type	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054
AC	DSM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Anclote.1	Steam-Gas	33.25	33.93	35.33	36.69	37.76	45.28	51.52	59.67	69.01	77.10	81.20	88.16	94.75	94.67	102.66	111.07	118.97	130.61	141.28	149.80	160.43	170.08	179.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Anclote.2	Steam-Gas	36.60	36.51	38.59	39.88	42.12	49.03	56.26	64.87	74.63	84.11	90.14	94.96	102.00	101.10	112.88	122.78	131.79	143.83	156.36	165.76	177.95	187.85	196.81	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
As.Avail	Cogen	20.48	20.63	21.06	21.49	22.50	28.68	34.37	41.05	47.92	55.49	61.19	68.07	71.78	75.45	76.70	80.35	90.24	99.89	107.46	118.97	125.81	138.51	143.70	149.52	157.63	167.40	177.23	186.21	196.54	205.39	213.36	221.37	231.44	241.55	252.48
As.Avail.PCS	Renewable	20.50	20.83	21.16	21.49	22.58	30.38	37.82	46.69	56.03	64.31	72.60	78.84	86.04	90.51	94.59	98.94	111.20	125.99	140.22	152.14	163.57	177.71	187.14	198.91	209.64	224.22	237.78	249.88	263.13	274.45	287.14	303.76	312.95	325.77	341.30
AVON.PK_P.1	CT	105.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVON.PK_P.2	CT	553.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Bartow CC.1.0	Steam-CC	19.47	19.75	20.36	20.96	22.24	26.10	29.96	34.53	39.87	44.27	47.68	51.33	55.08	56.56	59.79	63.31	67.73	74.35	80.30	84.82	90.91	96.34	102.09	107.94	114.09	120.99	127.14	131.97	137.87	143.04	147.62	152.91	158.62	164.19	169.88
Bartow CC.1.PAG	Steam-CC	23.75	23.42	24.87	25.55	27.47	32.54	37.51	43.80	50.60	55.85	60.78	65.17	70.63	72.72	74.63	79.76	84.87	92.61	99.02	105.18	110.71	118.05	124.73	130.89	137.49	145.40	153.43	158.29	165.63	174.09	178.46	185.27	191.70	199.63	206.14
BARTOW_P.1	CT	280.31	262.18	281.00	298.33	296.48	324.40	325.59	333.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BARTOW_P.2	CT	49.73	46.91	53.47	52.11	56.81	67.92	75.35	85.18	95.84	104.26	113.88	122.70	129.06	132.50	136.54	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BARTOW_P.3	CT	287.39	246.03	277.81	297.33	292.29	319.25	338.36	355.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BARTOW_P.4	CT	45.27	43.46	53.10	47.73	53.64	63.47	71.83	83.93	92.86	102.73	115.27	120.41	124.42	124.79	130.99	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Battery Cape San Blas	Storage	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Battery Jennings	Storage	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Battery Micanopy	Storage	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Battery Trenton	Storage	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BAYBORO_P.1	CT	215.85	215.65	221.91	224.36	228.43	240.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BAYBORO_P.2	CT	283.50	227.55	246.00	297.00	259.78	268.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BAYBORO_P.3	CT	217.38	215.52	220.02	225.42	229.50	240.63	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BAYBORO_P.4	CT	216.31	213.70	220.12	224.04	229.08	240.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Citrus.CC.1	Steam-CC	17.07	17.24	17.72	18.12	19.14	22.69	26.11	30.36	35.32	39.44	42.51	45.77	49.16	50.53	53.67	56.80	60.76	66.94	72.41	76.62	82.04	87.10	92.62	97.50	102.93	109.33	114.93	119.34	124.78	129.61	133.69	138.62	143.54	148.65	153.77
Citrus.CC.1.Duct	Steam-CC	18.57	18.64	19.29	19.64	20.90	25.21	29.46	34.34	40.33	44.64	48.86	52.57	56.00	57.63	61.44	64.72	69.62	76.96	82.79	87.78	94.67	100.11	106.95	113.13	119.63	126.25	133.83	138.52	145.05	149.68	155.59	161.38	167.00	172.98	179.62
Citrus.CC.2	Steam-CC	17.08	17.29	17.65	18.19	19.24	22.71	26.14	30.41	35.38	39.50	42.60	45.86	49.16	50.53	53.68	56.90	60.78	66.92	72.18	76.44	81.90	86.83	92.26	97.03	102.51	108.94	114.48	118.97	124.40	129.15	133.28	138.51	143.48	148.52	153.70
Citrus.CC.2.Duct	Steam-CC	18.43	18.51	18.97	19.56	20.75	25.07	29.26	34.46	40.13	44.29	48.73	52.32	55.66	57.26	60.67	64.16	68.60	76.12	81.90	86.75	92.91	98.92	105.72	111.56	117.82	125.18	132.08	136.52	143.15	147.57	153.48	159.01	164.44	170.39	177.13
Crystal.4	Steam-Coal	26.20	26.67	28.23	30.49	31.88	40.65	47.53	54.04	60.70	67.11	72.89	83.28	89.91	98.84	109.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Crystal.5	Steam-Coal	25.66	26.31	27.70	30.31	31.44	39.82	46.66	53.14	59.79	66.21	72.02	81.86	88.74	97.50	108.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Dade.County	Renewable	20.34	20.73	21.11	22.57	46.40	34.92	37.67	40.40	55.92	64.28	71.24	78.87	85.79	90.93	94.32	98.16	111.87	127.11	138.94	150.31	164.40	178.51	187.40	198.41	211.24	223.37	237.86	250.03	262.40	275.60	287.02	302.47	313.92	325.51	339.36
DEBARY.10	CT	227.35	223.02	235.84	241.35	243.42	256.07	267.72	286.49	296.37	311.78	323.13	337.70	345.10	360.68	380.58	388.43	414.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.2	CT	271.32	262.36	271.27	298.21	282.75	307.22	330.27	342.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.3	CT	279.85	254.71	272.00	288.73	289.54	298.74	313.46	338.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.4	CT	275.73	246.85	275.04	308.07	290.27	304.85	318.72	359.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.5	CT	276.08	245.21	276.18	307.40	288.23	307.83	309.29	338.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.6	CT	277.84	253.67	276.55	312.93	287.12	304.35	318.84	342.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.7	CT	46.38	41.58	50.03	49.83	53.87	60.03	68.34	79.96	90.26	98.73	106.74	115.47	119.82	121.43	138.58	146.15	160.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.8	CT	45.73	42.41	45.30	47.73	53.01	61.79	68.97	80.42	89.79	98.77	107.65	114.92	120.83	121.54	137.19	145.83	152.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.9	CT	45.25	44.47	47.46	52.01	52.84	62.27	69.76	79.84	90.56	99.52	106.51	115.31	120.38	121.30	139.06	146.95	156.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EconPurch	TranEcon-Purc	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EconSale	TranEcon-Sale	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.1	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	57.27	64.91	71.69	77.84	83.95	89.23	92.53	105.88	114.15	120.94	132.31	141.90	148.13	160.94	167.92	196.60	212.07	219.94	232.67	241.68	250.10	264.18	269.37	277.78	287.53	295.46	303.66	310.60
Gen.190MW.CT.10	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	171.65	174.73	184.03	190.68	226.17	242.79	248.34	260.03	273.59	281.70	298.71	303.01	313.55	319.24	325.90	340.40	343.46
Gen.190MW.CT.11	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.12	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	252.87	268.01	283.67	291.91	309.62	313.21	325.34	322.81	339.42	355.21	352.25
Gen.190MW.CT.13	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	255.21	271.37	288.44	297.91	310.16	316.55	329.54	319.55	343.16	356.87	356.38
Gen.190MW.CT.14	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	272.99	293.77	304.85	310.89	321.97	336.42	327.79	351.34	361.45	359.90
Gen.190MW.CT.15	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	291.85	304.28	315.61	325.37	341.01	329.23	359.68	366.07	360.15		
Gen.190MW.CT.16	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.17	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.18	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.19	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.2	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.20	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.21	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.3	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	85.01	90.78	93.25	108.92	117.83	123.91	136.59	143.80	152.41	163.25	170.03	200.12	216.30	225.21	237.50	248.23	257.96	269.06	274.93	283.38	290.71	299.81	310.16	314.47
Gen.190MW.CT.4	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	93.37	111.27	120.83	125.77	137.67	145.85	154.04	164.39	171.31	204.78	220.73	226.83	239.89	249.62	258.51	273.96	278.06	286.93	293.43	302.41	315.22	318.66		
Gen.190MW.CT.5	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	117.09	123.80	128.16	140.82	147.92	156.20	166.75	173.96	205.85	224.15	230.21	241.56	253.10	262.28	275.68	283.09	290.26	296.82	307.14	317.83	319.93		
Gen.190MW.CT.6	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	120.06	126.69	132.58	144.58	150.34	159.74	169.16	176.54	208.41	227.54	233.20	246.03	255.05	266.23	280.36	284.56	294.74	300.21	309.32	321.80	324.85		
Gen.190MW.CT.7	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	123.76	129.36	136.50	147.42	155.20	162.21	170.86	178.90	213.41	232.58	238.00	250.23	260.08	270.72	283.75	288.43	299.55	307.22	316.95	327.20	331.16		
Gen.190MW.CT.8	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	141.78	150.23	158.69	166.00	174.53	182.46	215.54	236.06	239.10	253.14	265.51	274.91	288.87	292.38	304.22	309.48	318.55	332.75	337.14
Gen.190MW.CT.9	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	164.86	169.89	178.38	188.08	222.53	239.61	244.49	256.66	267.49	276.57	292.53	298.08	307.65	313.30	321.41	334.79	342.45
Gen.2x1.CC.1.1	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	54.28	56.57	60.49	66.54	71.89	76.07	81.35	86.33	91.54	96.35	101.71	108.06	113.55	117.93	123.25	128.03	132.01	136.95	141.91	146.84	151.87
Gen.2x1.CC.1.1.Duct	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	71.52	75.02	80.14	88.48	95.28	100.81	108.12	114.68	121.77	127.64	134.87	143.12	150.44	156.19	163.70	169.18	174.54	181.12	187.61	194.37	200.99
Gen.2x1.CC.1.2	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	92.28	96.05	101.43	107.69	113.20	117.56	122.87	127.69	131.69	136.60	141.58	146.59	151.64
Gen.2x1.CC.2.2.Duct	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	121.97	127.59	134.83	143.18	150.40	156.10	163.76	168.78	174.47	181.16	187.49	194.12	200.88
Gen.2x1.CC.3	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.2x1.CC.3.3.Duct	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.2x1.CC.4	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.2x1.CC.4.4.Duct	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.2x1.CC.5	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

CONFIDENTIAL

Fixed Cost ($000)

\\s00233\grpdata\PEF Resource Planning\2020\2020-03 Clean Energy Connection\Prosym\050S2020\CEC_750MW.mdb

Station	Unit Type	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054
AC	DSM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anclote.1	Steam-Gas	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anclote.2	Steam-Gas	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
As.Avail	Cogen	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
As.Avail.PCS	Renewable	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AVON.PK_P.1	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AVON.PK_P.2	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bartow CC.1.0	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bartow CC.1.PAG	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BARTOW_P.1	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BARTOW_P.2	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BARTOW_P.3	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BARTOW_P.4	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Battery Cape San Blas	Storage	48	146	176	237	240	244	249	253	257	261	266	270	240	174	205	266	270	275	280	285	290	295	300	305	310	215	0	0	0	0	0	0	0	0	0
Battery Jennings	Storage	79	241	247	242	230	231	232	234	236	237	239	241	236	225	236	255	260	265	270	275	280	285	290	295	301	208	0	0	0	0	0	0	0	0	0
Battery Micanopy	Storage	79	241	247	242	230	231	232	234	236	237	239	241	236	225	236	255	260	265	270	275	280	285	290	295	301	208	0	0	0	0	0	0	0	0	0
Battery Trenton	Storage	79	241	247	242	230	231	232	234	236	237	239	241	236	225	236	255	260	265	270	275	280	285	290	295	301	208	0	0	0	0	0	0	0	0	0
BAYBORO_P.1	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BAYBORO_P.2	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BAYBORO_P.3	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BAYBORO_P.4	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus.CC.1	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus.CC.1.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus.CC.2	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus.CC.2.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Crystal.4	Steam-Coal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Crystal.5	Steam-Coal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dade.County	Renewable	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.10	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.2	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.3	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.4	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.5	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.6	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.7	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.8	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.9	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EconPurch	TranEcon-Purc	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EconSale	TranEcon-Sale	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.1	CT	0	0	0	0	0	0	257	452	463	475	487	499	511	524	537	551	564	578	593	608	623	638	654	671	688	705	722	740	759	778	797	817	838	859	
Gen.190MW.CT.10	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	712	1,252	1,283	1,315	1,348	1,382	1,416	1,451	1,488	1,525	1,563	1,602	1,642	1,683	1,725	1,768	1,813
Gen.190MW.CT.11	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	746	1,315	1,348	1,382	1,416	1,451	1,488	1,525	1,563	1,602	1,642	1,683	1,725	1,768	1,813
Gen.190MW.CT.12	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	826	1,451	1,488	1,525	1,563	1,602	1,642	1,683	1,725	1,768	1,813
Gen.190MW.CT.13	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	826	1,451	1,488	1,525	1,563	1,602	1,642	1,683	1,725	1,768	1,813
Gen.190MW.CT.14	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	847	1,488	1,525	1,563	1,602	1,642	1,683	1,725	1,768	1,813
Gen.190MW.CT.15	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	868	1,525	1,563	1,602	1,642	1,683	1,725	1,768	1,813
Gen.190MW.CT.16	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.17	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.18	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.19	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.2	CT	0	0	0	0	0	0	0	0	270	475	487	499	511	524	537	551	564	578	593	608	623	638	654	671	688	705	722	740	759	778	797	817	838	859	
Gen.190MW.CT.20	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.21	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.3	CT	0	0	0	0	0	0	0	0	0	284	499	511	524	537	551	564	578	593	608	623	638	654	671	688	705	722	740	759	778	797	817	838	859		
Gen.190MW.CT.4	CT	0	0	0	0	0	0	0	0	0	0	298	524	537	551	564	578	593	608	623	638	654	671	688	705	722	740	759	778	797	817	838	859			
Gen.190MW.CT.5	CT	0	0	0	0	0	0	0	0	0	0	0	306	537	551	564	578	593	608	623	638	654	671	688	705	722	740	759	778	797	817	838	859			
Gen.190MW.CT.6	CT	0	0	0	0	0	0	0	0	0	0	0	306	537	551	564	578	593	608	623	638	654	671	688	705	722	740	759	778	797	817	838	859			
Gen.190MW.CT.7	CT	0	0	0	0	0	0	0	0	0	0	0	645	1,134	1,162	1,191	1,221	1,252	1,283	1,315	1,348	1,382	1,416	1,451	1,488	1,525	1,563	1,602	1,642	1,683	1,725	1,768	1,813			
Gen.190MW.CT.8	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	678	1,191	1,221	1,252	1,283	1,315	1,348	1,382	1,416	1,451	1,488	1,525	1,563	1,602	1,642	1,683	1,725	1,768	1,813			
Gen.190MW.CT.9	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	712	1,252	1,283	1,315	1,348	1,382	1,416	1,451	1,488	1,525	1,563	1,602	1,642	1,683	1,725	1,768	1,813				
Gen.2x1.CC.1.1	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	3,851	6,767	6,937	7,110	7,288	7,470	7,657	7,848	8,044	8,245	8,452	8,663	8,879	9,101	9,329	9,562	9,801	10,046	10,297	10,555	10,819		
Gen.2x1.CC.1.1.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	791	1,390	1,425	1,460	1,497	1,534	1,573	1,612	1,652	1,693	1,736	1,779	1,824	1,869	1,916	1,964	2,013	2,063	2,115	2,168	2,222		
Gen.2x1.CC.1.2	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4,693	8,245	8,452	8,663	8,879	9,101	9,329	9,562	9,801	10,046	10,297	10,555	10,819	
Gen.2x1.CC.1.2.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	964	1,693	1,736	1,779	1,824	1,869	1,916	1,964	2,013	2,063	2,115	2,168	2,222		
Gen.2x1.CC.1.3	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Gen.2x1.CC.1.3.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Gen.2x1.CC.1.4	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Gen.2x1.CC.1.4.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Gen.2x1.CC.1.5	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Gen.2x1.CC.1.5.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Gen.2x1.CC.1.6	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Gen.2x1.CC.1.6.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Gen.2x1.CC.1.7	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Gen.2x1.CC.1.7.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
HEAT	DSM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hines.CC.1	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hines.CC.2	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hines.CC.3	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hines.CC.4	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.1	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.10	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.11	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.12	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.13	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.14	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.2	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.3	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.4	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.5	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.6	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.7	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.8	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.9	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INTER	DSM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lake.County	Renewable	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LEE.County.Res	Renewable	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mulberry	Cogen	97,306	101,979	107,186	112,648	48,439	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NSG.Vand.CT.1	T

CONFIDENTIAL

Fuel Cost ($000)

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Station	Unit Type	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054
AC	DSM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anclote.1	Steam-Gas	9,133	10,750	13,495	12,299	14,371	16,577	20,685	22,275	26,729	29,452	28,969	36,710	35,882	44,033	36,956	36,460	35,870	41,016	39,651	45,399	42,327	49,567	46,500	0	0	0	0	0	0	0	0	0	0	0	0
Anclote.2	Steam-Gas	11,322	13,330	13,292	14,840	14,836	19,683	21,071	25,334	33,548	31,550	36,904	38,149	42,884	46,854	41,568	37,701	39,840	41,527	43,547	43,009	46,594	47,274	48,382	0	0	0	0	0	0	0	0	0	0	0	0
As.Avail	Cogen	36	36	37	38	40	47	54	63	72	82	89	98	103	105	105	108	120	130	136	150	157	171	174	178	187	196	207	216	229	237	244	252	265	274	287
As.Avail.PCS	Renewable	2,137	2,162	2,199	2,231	2,349	2,725	3,152	3,734	4,366	4,873	5,382	5,689	6,114	6,221	6,301	6,405	6,928	7,661	8,375	8,840	9,261	9,957	10,154	10,605	10,971	11,673	12,331	12,801	13,449	13,794	14,335	15,289	15,515	16,033	16,886
AVON.PK_P.1	CT	455	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AVON.PK_P.2	CT	141	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bartow CC.1.0	Steam-CC	122,862	122,742	127,911	125,944	125,744	135,425	149,783	171,016	183,516	213,124	229,467	248,856	249,135	251,781	244,500	237,724	242,749	246,273	276,178	264,980	293,954	302,034	286,776	263,014	272,344	297,640	313,760	314,845	310,138	335,128	341,332	355,955	354,346	366,706	389,846
Bartow CC.1.PAG	Steam-CC	361	514	274	420	447	730	797	1,201	1,328	1,207	1,669	2,272	2,293	2,534	867	663	693	835	994	1,072	1,107	1,246	1,463	1,504	1,621	1,589	1,763	1,577	1,612	1,651	1,857	1,983	2,027	2,178	2,542
BARTOW_P.1	CT	40	78	39	15	107	110	198	28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BARTOW_P.2	CT	67	74	70	11	184	102	251	599	838	734	1,068	803	974	822	132	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BARTOW_P.3	CT	70	80	65	15	134	63	246	34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BARTOW_P.4	CT	97	108	63	40	212	209	348	616	933	743	1,080	1,009	1,112	1,152	180	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Battery Cape San Blas	Storage	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Battery Jennings	Storage	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Battery Micanopy	Storage	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Battery Trenton	Storage	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BAYBORO_P.1	CT	379	347	275	76	668	566	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BAYBORO_P.2	CT	10	67	21	5	22	22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BAYBORO_P.3	CT	240	329	211	76	612	506	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BAYBORO_P.4	CT	312	246	180	56	578	334	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus.CC.1	Steam-CC	93,355	96,779	98,042	102,609	118,853	115,473	130,500	146,544	158,245	182,710	191,737	195,552	210,842	209,153	217,849	209,879	213,532	221,721	232,439	227,077	256,985	257,115	246,026	243,849	256,568	264,587	283,741	287,939	288,759	302,083	309,535	317,375	341,980	351,237	368,910
Citrus.CC.1.Duct	Steam-CC	5,033	5,361	5,054	5,507	5,829	5,934	6,107	7,043	7,739	8,416	9,819	10,538	10,782	10,903	9,792	9,655	10,462	10,289	10,580	11,373	13,068	12,901	10,927	11,980	12,817	12,684	14,848	14,716	14,925	15,322	16,323	16,036	17,124	17,961	19,079
Citrus.CC.2	Steam-CC	101,835	99,713	86,419	101,101	106,100	113,280	127,005	142,327	154,273	176,713	186,023	190,982	210,285	209,078	218,499	211,023	214,087	224,926	247,970	235,998	270,962	274,699	272,660	263,979	273,862	279,852	301,948	303,506	303,833	321,743	328,297	321,126	343,343	354,099	368,471
Citrus.CC.2.Duct	Steam-CC	5,024	5,114	5,061	5,300	4,981	5,613	5,718	6,906	7,400	7,722	9,169	9,851	10,028	10,303	8,710	8,764	8,984	9,081	9,341	9,745	10,504	11,013	8,422	8,848	9,536	9,483	11,103	10,447	10,241	11,199	11,349	11,452	11,915	12,559	13,400
Crystal.4	Steam-Coal	42,338	47,892	38,306	34,706	44,217	46,525	45,086	54,776	59,502	67,822	67,276	73,852	65,018	63,513	16,231	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Crystal.5	Steam-Coal	43,362	41,531	50,663	46,474	31,924	42,872	49,915	52,452	71,788	69,229	82,598	76,758	78,834	57,456	17,695	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dade.County	Renewable	1,788	1,817	1,845	1,910	1,983	2,323	2,650	3,125	3,680	4,133	4,433	4,812	5,142	5,288	5,300	5,395	5,907	6,575	6,959	7,303	7,915	8,471	8,600	8,913	9,406	9,792	10,409	10,824	11,292	11,761	12,109	12,810	13,196	13,525	14,087
DEBARY.10	CT	300	337	262	103	557	410	916	1,847	2,948	2,163	3,231	2,201	3,005	2,509	2,230	2,478	378	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.2	CT	82	100	63	60	140	118	230	45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.3	CT	112	180	103	55	276	169	450	62	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.4	CT	97	136	68	34	156	170	396	34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.5	CT	88	126	83	50	201	149	305	51	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.6	CT	93	151	97	35	280	184	496	45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.7	CT	299	219	240	138	570	501	835	1,588	2,266	1,916	2,665	2,259	2,555	2,367	1,891	1,842	254	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.8	CT	172	180	121	79	375	387	631	1,189	1,792	1,463	2,061	1,983	2,189	1,818	1,408	1,372	247	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.9	CT	319	287	243	134	647	582	900	1,748	2,504	1,967	2,858	2,474	2,727	2,590	2,070	2,098	316	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EconPurch	TranEcon-Purc	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EconSale	TranEcon-Sale	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.1	CT	0	0	0	0	0	0	12,446	19,237	16,720	22,290	26,254	28,771	31,188	27,082	26,237	28,723	32,770	33,341	41,165	39,776	43,803	35,316	32,474	36,146	39,193	42,208	43,722	46,693	45,498	48,086	51,048	50,485	53,283	58,433
Gen.190MW.CT.10	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6,229	8,860	9,301	11,401	8,884	8,548	10,373	11,487	13,318	13,700	13,775	14,238	15,161	15,692	17,271	17,501	20,600
Gen.190MW.CT.11	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6,402	8,182	7,169	6,920	10,562	9,730	10,966	11,761	11,806	12,175	13,204	13,994	14,866	17,953
Gen.190MW.CT.12	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6,264	8,518	9,550	9,656	9,551	10,048	10,772	11,799	12,045	12,709	15,356
Gen.190MW.CT.13	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4,976	6,672	7,678	7,941	8,175	8,411	9,325	10,223	10,531	10,719	13,133
Gen.190MW.CT.14	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4,785	5,890	6,259	6,725	6,805	7,509	8,684	8,696	8,572	10,935
Gen.190MW.CT.15	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4,263	4,878	5,483	5,514	5,878	7,140	6,617	6,956	9,208
Gen.190MW.CT.16	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.17	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.18	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.19	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.2	CT	0	0	0	0	0	0	0	0	0	11,600	18,421	21,604	24,229	26,414	23,258	22,389	25,727	29,605	30,610	35,582	34,021	38,932	30,975	28,615	32,661	35,171	38,221	38,626	40,095	41,121	43,564	46,126	45,961	47,218	51,741
Gen.190MW.CT.20	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.21	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.3	CT	0	0	0	0	0	0	0	0	0	14,480	19,953	22,356	20,242	19,818	21,792	25,088	25,720	31,325	29,257	34,763	27,134	24,727	28,439	31,058	32,658	33,073	37,282	35,763	37,727	41,158	40,738	43,144	46,786
Gen.190MW.CT.4	CT	0	0	0	0	0	0	0	0	0	0	0	15,376	16,021	16,295	18,426	21,435	22,548	27,076	25,761	30,142	22,731	22,052	25,738	27,212	29,867	30,221	32,259	31,552	33,994	36,198	35,626	37,076	41,112
Gen.190MW.CT.5	CT	0	0	0	0	0	0	0	0	0	0	0	0	10,718	13,614	15,908	18,328	19,692	23,692	22,304	26,747	20,041	19,282	22,156	24,812	26,628	27,249	28,490	26,686	30,049	32,621	32,057	34,973	36,980
Gen.190MW.CT.6	CT	0	0	0	0	0	0	0	0	0	0	0	0	8,916	11,246	13,052	14,976	17,215	19,607	18,695	22,357	18,015	16,391	19,260	21,767	23,289	24,014	25,204	25,802	26,123	28,723	28,568	30,117	33,544
Gen.190MW.CT.7	CT	0	0	0	0	0	0	0	0	0	0	0	0	7,158	9,110	10,600	12,962	14,088	16,902	15,998	19,214	15,076	14,533	16,184	19,130	20,187	20,855	21,956	21,999	22,687	24,010	23,945	26,678	30,172
Gen.190MW.CT.8	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7,627	10,364	11,817	13,643	13,603	16,559	12,746	12,145	14,354	16,299	17,490	17,660	19,103	18,671	19,602	21,031	22,093	23,552	25,267
Gen.190MW.CT.9	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7,922	11,097	11,137	11,285	10,459	10,359	12,755	13,879	15,630	15,947	16,483	16,541	17,516	19,226	19,669	20,124	23,076
Gen.2x1.CC.1.1	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	184,593	319,110	326,449	347,722	363,270	370,474	386,225	398,927	408,265	403,134	421,501	440,989	457,592	464,125	483,950	489,603	501,057	515,568	534,008	551,375	568,439
Gen.2x1.CC.1.1.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17,358	22,404	23,451	27,520	27,048	31,626	32,877	35,143	41,037	45,791	48,140	51,065	56,285	57,133	63,604	60,155	62,738	64,951	67,166	70,423	70,742
Gen.2x1.CC.1.2	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	246,965	420,350	436,998	460,584	477,625	483,056	502,502	511,174	520,014	536,467	552,861	567,537	582,888
Gen.2x1.CC.1.2.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	27,858	37,294	40,673	43,161	45,028	46,164	51,621	48,617	52,804	56,682	56,714	57,461	59,680
Gen.2x1.CC.1.3	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.3.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.4	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.4.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.5	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.5.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.6	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.6.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.7	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.7.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HEAT	DSM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hines.CC.1	Steam-CC	42,803	49,803	53,715	48,403	50,981	48,270	51,850	65,916	75,729	80,041	90,121	89,902	103,058	105,257	84,377	88,519	90,776	101,394	103,690	116,665	118,974	116,672	110,772	96,447	95,160	113,149	114,948	122,289	131,590	126,439	133,625	126,114	142,977	149,340	141,408
Hines.CC.2	Steam-CC	39,572	43,792	46,789	46,233	43,696	47,005	55,908	65,275	76,798	81,547	81,818	99,309	101,964	103,027	92,100	84,264	90,026	99,323	100,690	111,396	102,970	121,079	97,723	97,059	100,810	104,200	115,598	113,686	121,389	121,071	114,433	135,200	132,758	136,615	140,502
Hines.CC.3	Steam-CC	44,573	47,258	47,264	48,312	51,934	51,322	56,021	67,183	80,133	85,769	94,843	94,932	104,773	108,439	101,985	96,004	97,021	109,820	114,388	123,277	125,655	123,854	115,087	105,218	107,182	119,841	120,837	118,559	130,278	131,058	133,959	127,981	143,717	148,065	156,642
Hines.CC.4	Steam-CC	64,953	56,150	64,654	60,500	59,781	71,591	71,595	82,325	104,172	111,736	107,807	118,515	136,626	137,043	120,553	115,472	124,919	138,163	143,344	146,567	149,405	162,975	137,702	126,236	143,816	153,414	151,610	153,524	171,127	171,487	159,273	168,912	189,178	195,504	187,638
INT.CITY.1	CT	154	227	157	54	389	287	633	1,138	1,829	1,520	2,126	1,632	1,960	1,660	193	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.10	CT	214	204	204	99	469	372	901	1,216	1,742	1,426	2,104	1,838	1,908	1,743	1,391	1,506	1,759	1,858	382	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.11	CT	589	623	470	202	978	854	1,754	3,442	5,008	4,134	5,984	3,922	4,907	4,504	3,638	4,367	5,802	6,279	5,630	7,607	5,909	7,001	5,558	6,385	1,099	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.12	CT	556	555	450	401	1,083	961	1,443	3,028	4,138	3,282	4,574	4,048	4,048	4,044	3,121	2,956	3,186	3,306	2,548	3,158	2,298	3,040	3,136	3,564	2,460	573	0	0	0	0	0	0	0	0	0	0
INT.CITY.13	CT	674	641	582	462	1,226	904	1,636	3,246	4,291	3,669	4,777	4,164	4,606	4,298	3,173	3,259	3,350	3,664	2,734	3,445	2,427	3,234	3,338	3,774	3,354	378	0	0	0	0	0	0	0	0	0	0
INT.CITY.14	CT	481	498	398	324	908	862	1,340	2,697	3,829	3,148	4,316	3,748	4,032	3,768	2,899	2,674	2,736	3,272	2,193	2,745	1,966	2,544	2,327	2,461	2,126	194	0	0	0	0	0	0	0	0	0	0
INT.CITY.2	CT	41	98	61	20	126	64	159	440	1,175	885	1,187	907	1,219	979	47	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.3	CT	136	223	111	59	221	225	361	744	1,857

CONFIDENTIAL

Fuel Rate ($/MMBtu)

\\s00233\grpdata\PEF Resource Planning\2020\2020-03 Clean Energy Connection\Prosym\05052020\CEC_750MW.mdb

Station	Unit Type	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054
AC	DSM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Anclote.1	Steam-Gas	2.46	2.51	2.60	2.70	2.81	3.10	3.35	3.82	4.35	4.72	4.98	5.24	5.54	5.50	5.71	5.95	6.03	6.45	6.75	6.87	7.17	7.42	7.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Anclote.2	Steam-Gas	2.49	2.49	2.59	2.67	2.85	3.09	3.39	3.81	4.35	4.72	4.97	5.24	5.54	5.51	5.72	5.95	6.03	6.46	6.75	6.88	7.17	7.42	7.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
As.Avail	Cogen	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
As.Avail.PCS	Renewable	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVON.PK_P.1	CT	2.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVON.PK_P.2	CT	14.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Bartow CC.1.0	Steam-CC	2.48	2.51	2.60	2.67	2.84	3.09	3.40	3.80	4.33	4.71	4.95	5.24	5.52	5.49	5.70	5.92	6.00	6.42	6.72	6.84	7.14	7.38	7.64	7.83	8.14	8.58	8.91	9.05	9.38	9.53	9.63	9.88	10.12	10.38	10.64
Bartow CC.1.PAG	Steam-CC	2.41	2.43	2.52	2.59	2.79	3.05	3.37	3.80	4.33	4.70	4.98	5.23	5.52	5.52	5.63	5.93	6.04	6.41	6.72	6.86	7.09	7.36	7.60	7.77	8.06	8.49	8.86	8.99	9.25	9.62	9.68	9.90	10.14	10.45	10.66
BARTOW_P.1	CT	14.16	13.88	14.05	14.31	14.58	14.94	15.51	16.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BARTOW_P.2	CT	2.45	2.50	2.58	2.81	2.76	3.10	3.42	3.86	4.41	4.72	5.07	5.29	5.56	5.51	5.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BARTOW_P.3	CT	14.16	13.81	14.06	14.25	14.58	14.95	15.51	16.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BARTOW_P.4	CT	2.42	2.48	2.63	2.73	2.75	3.11	3.41	3.86	4.39	4.72	5.06	5.39	5.55	5.51	5.58	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Battery Cape San Blas	Storage	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Battery Jennings	Storage	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Battery Micanopy	Storage	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Battery Trenton	Storage	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BAYBORO_P.1	CT	13.92	13.96	14.13	14.28	14.58	14.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BAYBORO_P.2	CT	14.11	13.81	14.11	14.32	14.61	14.97	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BAYBORO_P.3	CT	14.02	13.97	14.14	14.28	14.58	14.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BAYBORO_P.4	CT	13.95	13.89	14.15	14.29	14.58	14.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Citrus.CC.1	Steam-CC	2.44	2.46	2.53	2.59	2.74	2.99	3.28	3.70	4.22	4.62	4.85	5.11	5.39	5.36	5.60	5.81	5.88	6.30	6.59	6.71	7.01	7.25	7.53	7.68	7.98	8.42	8.75	8.89	9.20	9.37	9.48	9.72	9.96	10.21	10.46
Citrus.CC.1.Duct	Steam-CC	2.36	2.36	2.45	2.50	2.66	2.95	3.27	3.71	4.24	4.59	4.92	5.16	5.40	5.38	5.59	5.81	5.88	6.31	6.59	6.70	7.02	7.26	7.55	7.69	7.99	8.44	8.76	8.89	9.22	9.35	9.47	9.70	9.95	10.19	10.45
Citrus.CC.2	Steam-CC	2.44	2.47	2.52	2.60	2.76	2.99	3.28	3.70	4.22	4.62	4.85	5.11	5.39	5.36	5.60	5.81	5.89	6.30	6.59	6.71	7.01	7.25	7.55	7.67	7.97	8.42	8.74	8.88	9.19	9.37	9.48	9.71	9.96	10.20	10.46
Citrus.CC.2.Duct	Steam-CC	2.35	2.36	2.43	2.50	2.66	2.95	3.27	3.72	4.24	4.59	4.93	5.16	5.39	5.38	5.58	5.81	5.87	6.31	6.59	6.69	7.02	7.26	7.54	7.68	7.99	8.44	8.76	8.90	9.24	9.33	9.45	9.68	9.92	10.17	10.43
Crystal.4	Steam-Coal	2.12	2.18	2.26	2.43	2.52	2.72	2.88	3.09	3.33	3.43	3.55	3.96	4.11	4.25	4.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Crystal.5	Steam-Coal	2.12	2.18	2.26	2.43	2.52	2.72	2.88	3.09	3.33	3.43	3.55	3.96	4.11	4.25	4.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Dade.County	Renewable	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.10	CT	14.23	14.17	14.38	14.53	14.82	15.19	15.77	16.42	17.18	17.87	18.32	18.72	19.14	19.58	20.03	20.48	20.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.2	CT	14.34	14.12	14.33	14.55	14.83	15.19	15.77	16.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.3	CT	14.33	14.10	14.32	14.53	14.82	15.19	15.77	16.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.4	CT	14.29	14.04	14.31	14.53	14.83	15.18	15.77	16.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.5	CT	14.38	14.04	14.32	14.54	14.83	15.19	15.77	16.43	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.6	CT	14.39	14.15	14.33	14.54	14.83	15.19	15.77	16.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.7	CT	2.43	2.48	2.59	2.70	2.76	3.11	3.42	3.86	4.38	4.72	5.06	5.38	5.55	5.52	5.75	5.97	5.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.8	CT	2.46	2.48	2.58	2.73	2.76	3.11	3.41	3.86	4.38	4.72	5.07	5.29	5.55	5.52	5.76	5.99	5.93	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.9	CT	2.45	2.49	2.57	2.71	2.76	3.11	3.41	3.87	4.39	4.72	5.07	5.30	5.55	5.52	5.74	5.97	5.91	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EconPurch	TranEcon-Purc	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EconSale	TranEcon-Sale	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.1	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.89	4.37	4.72	5.03	5.28	5.54	5.53	5.72	5.95	6.04	6.46	6.74	6.86	7.17	7.42	7.68	7.88	8.19	8.65	8.97	9.10	9.45	9.52	9.64	9.89	10.12	10.37	10.65
Gen.190MW.CT.10	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.78	6.85	7.20	7.47	7.72	7.92	8.22	8.70	9.00	9.12	9.49	9.54	9.66	9.89	10.13	10.39	10.65
Gen.190MW.CT.11	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.74	6.85	7.19	7.44	7.73	7.92	8.22	8.70	9.00	9.13	9.49	9.53	9.65	9.89	10.14	10.39	10.65
Gen.190MW.CT.12	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.28	8.70	9.00	9.13	9.51	9.54	9.66	9.88	10.15	10.39	10.65
Gen.190MW.CT.13	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.27	8.69	9.01	9.13	9.51	9.55	9.66	9.89	10.15	10.40	10.67
Gen.190MW.CT.14	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.27	8.73	9.01	9.14	9.53	9.53	9.66	9.88	10.16	10.40	10.66
Gen.190MW.CT.15	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.06	9.13	9.54	9.55	9.66	9.88	10.14	10.41	10.66
Gen.190MW.CT.16	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.17	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.18	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.19	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.2	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.71	5.05	5.29	5.54	5.53	5.73	5.95	6.04	6.46	6.74	6.86	7.17	7.43	7.68	7.88	8.19	8.66	8.97	9.11	9.46	9.53	9.64	9.88	10.12	10.37	10.64
Gen.190MW.CT.20	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.21	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.3	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.36	5.54	5.53	5.73	5.95	6.04	6.47	6.74	6.85	7.17	7.43	7.69	7.88	8.20	8.66	8.97	9.11	9.45	9.53	9.64	9.88	10.12	10.37	10.64
Gen.190MW.CT.4	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.58	5.75	5.96	6.03	6.47	6.75	6.85	7.17	7.44	7.69	7.88	8.20	8.66	8.97	9.11	9.46	9.53	9.64	9.87	10.12	10.38	10.64
Gen.190MW.CT.5	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.80	5.96	6.04	6.48	6.75	6.85	7.18	7.44	7.70	7.89	8.21	8.67	8.97	9.11	9.47	9.53	9.65	9.88	10.13	10.38	10.64
Gen.190MW.CT.6	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.80	5.97	6.05	6.48	6.75	6.85	7.19	7.44	7.70	7.89	8.21	8.67	8.98	9.11	9.47	9.53	9.65	9.88	10.13	10.38	10.64
Gen.190MW.CT.7	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.81	5.97	6.05	6.48	6.75	6.86	7.19	7.45	7.71	7.90	8.22	8.68	8.99	9.11	9.48	9.53	9.64	9.88	10.12	10.38	10.64
Gen.190MW.CT.8	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.07	6.49	6.75	6.86	7.19	7.45	7.71	7.90	8.22	8.69	8.99	9.11	9.48	9.53	9.65	9.88	10.13	10.38	10.64
Gen.190MW.CT.9	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.78	6.85	7.19	7.45	7.73	7.91	8.22	8.70	8.99	9.12	9.48	9.53	9.65	9.88	10.14	10.39	10.65
Gen.2x1.CC.1.1	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.84	5.97	6.05	6.47	6.78	6.90	7.19	7.44	7.71	7.89	8.20	8.65	8.97	9.12	9.42	9.63	9.73	9.97	10.23	10.48	10.74
Gen.2x1.CC.1.1.Duct	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.82	5.98	6.05	6.50	6.78	6.88	7.21	7.46	7.76	7.91	8.23	8.67	9.00	9.15	9.48	9.60	9.70	9.94	10.18	10.44	10.69
Gen.2x1.CC.1.2	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.82	7.89	8.20	8.65	8.98	9.12	9.42	9.64	9.74	9.98	10.23	10.49	10.75
Gen.2x1.CC.2.2.Duct	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.82	7.92	8.23	8.69	9.01	9.14	9.50	9.57	9.70	9.94	10.17	10.43	10.69
Gen.2x1.CC.1.3	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.2x1.CC.1.3.Duct	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.2x1.CC.4	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.2x1.CC.4.1.Duct	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.2x1.CC.1.5	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00

CONFIDENTIAL

Heat Rate (MMBtu/MWh)

\\s00233\grpdata\PEF Resource Planning\2020\2020-03 Clean Energy Connection\Prosym\050520\CEC_750MW.mdb

Station	Unit Type	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054
AC	DSM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Anclote.1	Steam-Gas	12.46	12.43	12.49	12.48	12.47	12.44	12.42	12.38	12.34	12.38	12.35	12.25	12.21	11.90	12.20	12.45	12.47	12.42	12.43	12.40	12.45	12.45	12.43	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Anclote.2	Steam-Gas	13.78	13.70	13.79	13.78	13.72	13.66	13.53	13.48	13.37	13.56	13.46	13.17	13.14	12.71	13.40	13.77	13.80	13.68	13.77	13.80	13.80	13.75	13.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
As.Avail	Cogen	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
As.Avail.PCS	Renewable	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVON.PK_P.1	CT	36.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVON.PK_P.2	CT	36.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Bartow CC.1.0	Steam-CC	7.00	7.00	6.99	7.00	7.01	7.01	7.01	7.01	7.01	7.01	7.01	7.00	7.01	7.00	7.01	7.04	7.05	7.03	7.04	7.03	7.05	7.04	7.05	7.09	7.10	7.09	7.09	7.09	7.08	7.09	7.09	7.08	7.08	7.08	7.08
Bartow CC.1.PAG	Steam-CC	8.96	8.76	9.00	8.98	9.01	9.01	9.01	9.05	9.03	8.98	9.01	9.01	9.09	9.09	8.92	8.96	8.89	8.85	8.76	8.77	8.68	8.71	8.70	8.70	8.66	8.63	8.64	8.59	8.62	8.65	8.61	8.62	8.61	8.64	8.64
BARTOW_P.1	CT	17.56	16.62	17.56	17.67	17.55	17.48	17.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BARTOW_P.2	CT	14.45	14.34	14.52	14.11	14.57	14.63	14.35	14.51	14.43	14.52	14.54	14.42	14.42	14.42	14.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BARTOW_P.3	CT	17.64	16.46	17.65	17.67	17.63	17.63	17.27	17.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BARTOW_P.4	CT	14.34	14.07	14.93	13.81	14.44	14.26	14.26	14.62	14.40	14.64	14.61	14.51	14.36	14.08	13.81	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Battery Cape San Blas	Storage	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Battery Jennings	Storage	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Battery Micanopy	Storage	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Battery Trenton	Storage	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BAYBORO_P.1	CT	14.63	14.61	14.75	14.86	14.68	14.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BAYBORO_P.2	CT	18.50	15.58	16.44	18.50	16.44	16.44	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BAYBORO_P.3	CT	14.63	14.63	14.63	14.86	14.74	14.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BAYBORO_P.4	CT	14.63	14.53	14.63	14.63	14.69	14.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Citrus.CC.1	Steam-CC	6.48	6.48	6.48	6.48	6.48	6.48	6.48	6.49	6.48	6.49	6.49	6.49	6.49	6.49	6.50	6.51	6.51	6.51	6.52	6.52	6.52	6.52	6.53	6.56	6.56	6.55	6.55	6.55	6.55	6.56	6.55	6.54	6.53	6.53	6.53
Citrus.CC.1.Duct	Steam-CC	7.36	7.36	7.36	7.33	7.35	7.34	7.38	7.36	7.42	7.41	7.41	7.43	7.42	7.41	7.47	7.46	7.50	7.51	7.49	7.50	7.54	7.51	7.56	7.64	7.64	7.59	7.65	7.63	7.63	7.60	7.65	7.65	7.63	7.63	7.66
Citrus.CC.2	Steam-CC	6.49	6.49	6.49	6.49	6.49	6.49	6.49	6.49	6.49	6.50	6.49	6.49	6.49	6.49	6.49	6.51	6.51	6.51	6.50	6.50	6.50	6.50	6.51	6.53	6.53	6.53	6.53	6.53	6.53	6.53	6.53	6.54	6.53	6.53	6.53
Citrus.CC.2.Duct	Steam-CC	7.31	7.31	7.27	7.30	7.28	7.31	7.34	7.36	7.38	7.35	7.38	7.40	7.38	7.36	7.39	7.39	7.39	7.43	7.41	7.42	7.40	7.42	7.48	7.53	7.52	7.52	7.55	7.51	7.52	7.50	7.55	7.54	7.52	7.52	7.56
Crystal.4	Steam-Coal	11.07	11.00	11.19	11.30	11.31	11.44	11.49	11.31	11.19	11.25	11.18	11.32	11.34	11.62	11.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Crystal.5	Steam-Coal	10.89	10.84	11.05	11.17	11.13	11.26	11.30	11.18	11.07	11.14	11.11	11.19	11.24	11.40	11.72	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Dade.County	Renewable	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.10	CT	14.66	14.51	14.69	14.75	14.67	14.66	14.63	14.64	14.59	14.60	14.57	14.59	14.55	14.54	14.57	14.54	14.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.2	CT	16.85	16.86	16.96	17.13	16.84	16.85	16.93	17.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.78	12.57	12.46	12.32	13.46	13.72	13.58	13.47	13.51	13.52	13.58	13.46	13.55	13.34	13.29	13.41	13.22
DEBARY.3	CT	16.96	16.35	17.05	17.09	16.90	16.90	16.67	17.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.4	CT	16.98	16.18	17.04	16.86	16.98	16.95	16.61	17.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.5	CT	17.00	16.09	17.09	17.10	16.95	16.97	16.54	17.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.6	CT	16.97	16.20	16.98	17.21	16.88	16.85	16.66	17.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.7	CT	13.67	13.44	13.89	13.50	13.71	13.54	13.63	13.75	13.69	13.80	13.54	13.72	13.60	13.47	14.12	14.43	14.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.8	CT	13.60	13.34	13.65	13.38	13.64	13.54	13.55	13.76	13.65	13.73	13.82	13.64	13.56	13.42	14.01	14.20	14.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.9	CT	13.67	13.49	13.83	13.71	13.71	13.55	13.63	13.83	13.75	13.89	13.91	13.73	13.64	13.49	14.09	14.34	14.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EconPurch	TranEcon-Purc	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EconSale	TranEcon-Sale	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.1	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.62	10.64	10.50	10.55	10.62	10.71	10.81	11.52	11.76	11.71	11.67	11.70	11.62	11.73	11.57	12.50	12.86	12.72	12.68	12.60	12.62	12.64	12.60	12.58	12.59	12.53	12.54	12.46
Gen.190MW.CT.10	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.78	12.57	12.46	12.32	13.46	13.72	13.58	13.47	13.51	13.52	13.58	13.46	13.55	13.34	13.29	13.41	13.22
Gen.190MW.CT.11	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.52	13.46	13.72	13.58	13.47	13.51	13.52	13.58	13.46	13.64	13.34	13.31	13.41	13.22
Gen.190MW.CT.12	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.59	13.53	13.68	13.65	13.78	13.70	13.79	13.39	13.59	13.70	13.41
Gen.190MW.CT.13	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.54	13.57	13.75	13.69	13.72	13.76	13.83	13.35	13.62	13.71	13.45
Gen.190MW.CT.14	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.54	13.81	13.79	13.73	13.81	13.91	13.45	13.72	13.77	13.48
Gen.190MW.CT.15	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.67	13.73	13.71	13.77	13.77	13.91	13.42	13.84	13.74	13.39
Gen.190MW.CT.16	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.17	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.18	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.19	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.2	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.54	10.55	10.62	10.71	10.77	11.56	11.85	11.73	11.73	11.69	11.69	11.72	11.59	12.53	12.96	12.80	12.79	12.68	12.69	12.74	12.68	12.67	12.61	12.62	12.63	12.51
Gen.190MW.CT.20	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.21	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.3	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.67	10.72	11.62	11.94	11.82	11.85	11.75	11.77	11.79	11.64	12.69	13.06	12.93	12.89	12.83	12.81	12.81	12.73	12.74	12.69	12.67	12.71	12.55
Gen.190MW.CT.4	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.73	11.75	12.05	11.93	11.88	11.84	11.81	11.80	11.71	12.85	13.23	13.01	13.00	12.91	12.86	12.97	12.83	12.86	12.77	12.75	12.85	12.65
Gen.190MW.CT.5	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.25	12.19	12.07	12.02	11.91	11.93	11.87	11.78	12.91	13.37	13.16	13.03	13.05	12.99	13.02	13.06	12.96	12.86	12.88	12.91	12.69
Gen.190MW.CT.6	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.41	12.37	12.25	12.15	12.03	12.08	11.97	11.88	12.98	13.45	13.23	13.16	13.10	13.10	13.13	13.02	13.09	12.94	12.93	13.00	12.83
Gen.190MW.CT.7	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.57	12.48	12.49	12.26	12.21	12.14	12.03	11.94	13.18	13.57	13.38	13.27	13.27	13.25	13.24	13.13	13.20	13.11	13.16	13.10	12.98
Gen.190MW.CT.8	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.71	12.38	12.33	12.27	12.17	12.07	13.19	13.66	13.35	13.34	13.42	13.32	13.36	13.24	13.31	13.12	13.19	13.23	13.12
Gen.190MW.CT.9	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.58	12.41	12.28	12.26	13.39	13.71	13.54	13.40	13.42	13.41	13.40	13.36	13.38	13.20	13.21	13.27	13.22
Gen.2x1.CC.1	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.38	6.37	6.37	6.37	6.37	6.37	6.37	6.37	6.39	6.39	6.39	6.39	6.39	6.39	6.39	6.39	6.38	6.38	6.38	6.37
Gen.2x1.CC.1.Duct	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.44	8.46	8.46	8.47	8.46	8.47	8.47	8.47	8.47	8.47	8.47	8.47	8.47	8.47	8.48	8.48	8.47	8.47	8.47	8.47	8.47
Gen.2x1.CC.1.2	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.38	6.37	6.37	6.37	6.37	6.37	6.37	6.37	6.37	6.37	6.36	6.36	6.36
Gen.2x1.CC.2.2.Duct	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.45	8.47	8.47	8.47	8.47	8.47	8.47	8.47	8.47	8.47	8.47	8.46	8.47
Gen.2x1.CC.3	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.2x1.CC.3.Duct	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.2x1.CC.4	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.2x1.CC.4.Duct	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.2x1.CC.5	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0

CONFIDENTIAL

Start Cost ($000)

\\s00233\grpdata\PEF Resource Planning\2020\2020-03 Clean Energy Connection\Prosym\050S2020\CEC_750MW.mdb

Station	Unit Type	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054
AC	DSM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anclote.1	Steam-Gas	203	288	354	343	251	371	302	302	333	433	449	351	435	394	368	507	492	622	611	694	683	725	398	0	0	0	0	0	0	0	0	0	0	0	0
Anclote.2	Steam-Gas	141	209	341	419	386	446	440	407	430	432	470	459	505	488	570	587	705	635	736	641	872	766	490	0	0	0	0	0	0	0	0	0	0	0	0
As.Avail	Cogen	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
As.Avail.PCS	Renewable	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AVON.PK_P.1	CT	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AVON.PK_P.2	CT	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bartow CC.1.0	Steam-CC	53	47	60	37	47	43	47	52	79	53	68	68	72	67	112	157	126	190	305	198	211	155	220	443	511	519	518	623	470	551	548	534	432	526	502
Bartow CC.1.PAG	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BARTOW_P.1	CT	5	10	5	1	17	23	29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BARTOW_P.2	CT	26	22	30	3	74	40	93	186	225	183	259	219	242	212	36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BARTOW_P.3	CT	10	6	8	0	18	11	34	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BARTOW_P.4	CT	29	26	22	10	72	69	109	172	216	160	252	224	222	233	46	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Battery Cape San Blas	Storage	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Battery Jennings	Storage	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Battery Micanopy	Storage	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Battery Trenton	Storage	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BAYBORO_P.1	CT	7	5	6	1	16	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BAYBORO_P.2	CT	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BAYBORO_P.3	CT	4	4	4	0	10	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BAYBORO_P.4	CT	5	4	4	2	15	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus.CC.1	Steam-CC	100	84	85	89	46	75	60	97	106	77	81	128	98	97	94	106	159	158	119	178	118	122	199	151	145	211	158	149	231	237	172	243	167	260	276
Citrus.CC.1.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus.CC.2	Steam-CC	58	61	62	88	58	102	59	97	101	84	120	166	80	90	102	105	99	176	111	187	164	141	126	140	144	211	147	161	255	170	186	337	181	200	190
Citrus.CC.2.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Crystal.4	Steam-Coal	825	744	767	675	1,155	1,235	1,218	1,395	1,069	1,337	1,454	1,394	1,053	1,363	827	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Crystal.5	Steam-Coal	751	790	833	1,350	1,007	859	1,311	1,057	915	1,090	1,217	880	1,280	1,902	1,219	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dade.County	Renewable	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.10	CT	27	28	30	13	66	50	103	230	293	209	314	236	287	272	294	298	54	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.2	CT	10	10	7	12	18	20	42	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.3	CT	16	18	11	9	35	23	63	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.4	CT	13	11	8	9	23	26	64	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.5	CT	11	10	10	12	29	24	41	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.6	CT	12	15	13	9	40	29	80	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.7	CT	118	52	93	50	241	164	258	482	642	481	601	591	589	550	527	488	83	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.8	CT	63	50	35	24	152	143	210	370	480	377	495	522	544	437	387	363	68	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.9	CT	112	93	81	53	255	222	307	510	676	495	618	636	637	591	601	556	96	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EconPurch	TranEcon-Purc	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EconSale	TranEcon-Sale	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.1	CT	0	0	0	0	0	0	0	2,016	2,730	2,686	3,339	3,943	3,761	4,092	4,404	4,360	4,665	5,226	4,992	5,899	6,071	6,529	6,980	6,435	6,658	7,116	7,325	7,292	8,410	7,618	8,154	8,342	7,892	7,464	7,506
Gen.190MW.CT.10	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,055	2,724	2,700	3,050	2,893	2,877	3,074	3,224	3,760	3,718	3,934	3,965	4,112	4,184	4,209	4,255	4,530
Gen.190MW.CT.11	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,642	2,642	2,471	2,536	2,817	3,034	3,329	3,515	3,523	3,770	3,763	3,675	3,869	4,202	4,202
Gen.190MW.CT.12	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,031	2,842	3,168	3,154	3,152	3,136	3,404	3,359	3,420	3,736	3,766
Gen.190MW.CT.13	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,758	2,380	2,737	2,905	2,803	2,728	3,150	2,745	3,202	3,220	3,465	3,465
Gen.190MW.CT.14	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,757	2,279	2,500	2,313	2,433	2,802	2,701	2,959	2,748	3,085	3,085
Gen.190MW.CT.15	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,653	1,984	2,057	2,190	2,381	2,321	2,503	2,466	2,764	2,764	2,764
Gen.190MW.CT.16	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.17	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.18	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.19	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.2	CT	0	0	0	0	0	0	0	0	0	1,936	2,890	3,374	3,537	3,743	3,967	3,947	4,285	4,864	4,570	5,717	5,520	5,666	6,082	5,688	6,236	6,496	6,555	7,133	7,379	7,424	7,566	7,632	7,373	7,366	6,929
Gen.190MW.CT.20	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.21	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.3	CT	0	0	0	0	0	0	0	0	0	0	0	2,248	3,232	3,468	3,875	3,785	4,066	4,718	4,244	5,414	4,985	5,526	5,497	5,064	5,608	5,835	6,216	6,611	7,113	6,679	6,956	7,011	6,698	6,733	6,597
Gen.190MW.CT.4	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	2,254	3,291	3,529	3,653	4,170	3,954	5,023	4,669	4,892	5,051	4,862	5,158	5,248	5,607	5,909	6,539	6,161	6,539	6,457	6,038	6,252	6,224
Gen.190MW.CT.5	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,319	3,228	3,322	3,935	3,753	4,566	4,381	4,626	4,471	4,409	4,776	4,933	5,199	5,606	5,861	5,548	6,002	6,096	5,832	6,160	5,719
Gen.190MW.CT.6	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,049	2,810	3,131	3,605	3,454	4,136	3,855	4,301	4,257	4,056	4,264	4,725	4,679	5,258	5,667	5,499	5,523	5,679	5,375	5,678	5,447
Gen.190MW.CT.7	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,838	2,459	2,726	3,359	3,269	3,894	3,451	3,945	3,809	3,958	3,861	4,459	4,330	4,813	5,058	4,946	5,225	5,281	4,913	5,588	5,422
Gen.190MW.CT.8	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,206	2,845	3,008	3,451	3,174	3,675	3,434	3,517	3,617	3,978	4,103	4,422	4,768	4,393	4,800	4,973	4,639	5,283	4,966
Gen.190MW.CT.9	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,248	3,090	2,875	3,345	3,164	3,194	3,514	3,641	3,886	3,967	4,308	4,273	4,521	4,805	4,433	4,630	4,938
Gen.2x1.CC.1.1	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	26	40	41	47	49	62	53	54	61	79	60	73	70	66	89	70	81	89	91	95	78
Gen.2x1.CC.1.1.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.2	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	85	62	55	58	61	62	69	71	82	73	89	73
Gen.2x1.CC.1.2.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.3	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.3.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.4	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.4.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.5	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.5.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.6	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.6.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.7	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.1.7.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HEAT	DSM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hines.CC.1	Steam-CC	78	103	55	110	169	222	201	124	248	164	294	226	219	248	182	278	310	255	266	183	307	341	618	1,157	1,149	1,429	892	1,217	1,009	1,142	1,152	867	1,263	1,108	712
Hines.CC.2	Steam-CC	107	137	87	71	181	145	108	130	122	250	122	76	202	103	214	227	290	329	393	205	801	324	450	602	682	727	650	630	682	884	754	739	908	685	944
Hines.CC.3	Steam-CC	148	164	124	100	268	210	191	258	308	274	209	206	324	321	274	433	401	459	502	376	474	467	496	594	557	733	641	690	578	817	683	632	866	874	895
Hines.CC.4	Steam-CC	16	29	38	23	24	19	29	28	29	29	57	51	52	48	54	40	60	66	46	67	75	54	68	122	72	113	65	119	83	91	86	120	129	65	169
INT.CITY.1	CT	6	5	5	2	10	9	20	32	42	35	50	41	46	46	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.10	CT	83	67	71	44	180	144	234	482	506	414	563	543	469	502	414	433	539	532	503	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.11	CT	102	93	118	47	251	180	474	839	1,079	812	1,330	820	967	1,036	862	999	1,465	1,452	1,318	1,865	1,624	1,743	1,644	1,810	287	0	0	0	0	0	0	0	0	0	0
INT.CITY.12	CT	165	191	162	172	355	321	417	718	933	693	819	875	775	800	748	713	844	807	656	834	592	749	971	1,190	778	249	0	0	0	0	0	0	0	0	0
INT.CITY.13	CT	209	220	210	185	380	284	455	732	894	732	825	859	869	835	727	780	855	792	680	861	628	800	1,009	1,224	1,044	126	0	0	0	0	0	0	0	0	0
INT.CITY.14	CT	146	147	125	144	331	283	338	615	838	661	730	778	754	761	701	616	729	743	533	691	499	632	640	680	600	62	0	0	0	0	0	0	0	0	0
INT.CITY.2	CT	1	1	1	1	3	1	1	11	22	15	23	24	25	20	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.3	CT	4	5	2	2	6	7	11	20	46	36	53	38	43	44	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.4	CT	5	5	5	2	10	10	17	30	52	40	60	48	51	48	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.5	CT	2	2	1	0	4	4	3	9	26	24	34	29	30	30	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.6	CT	6	4	5	2	16	12	25	45	57	46	70	55	57	57	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.7	CT	86	47	51	29	144	100	203	342	439	341	520	473	463	424	363	315	426	481	78	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.8	CT	95	90	93	53	233	175	260	460	590	480	573	573	576	570	513	502	544	563	110	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.9	CT	91	73	89	62	206	132	252	418	563	443	539	553	483	535	472	468	549	569	90	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INTER	DSM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lake.County	Renewable	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

CONFIDENTIAL

Total Cost ($000)

\\s00233\grgdata\PEF Resource Planning\2020\2020-03 Clean Energy Connection\Prosym\0505202O\CEC_750MW.mdb

Station	Unit Type	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054
DSM		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anclote.1	Steam-Gas	9,872	11,707	14,859	13,370	15,461	19,450	25,320	27,995	34,389	38,843	39,186	52,484	50,280	63,637	54,370	54,660	56,735	66,894	66,766	79,467	76,066	91,258	91,689	0	0	0	0	0	0	0	0	0	0	0	0
Anclote.2	Steam-Gas	12,076	14,285	14,359	16,064	16,000	23,000	25,843	31,964	43,060	41,449	49,687	52,457	60,119	67,680	61,260	56,472	63,125	67,596	73,311	75,089	83,763	87,004	85,371	0	0	0	0	0	0	0	0	0	0	0	0
As.Avail	Cogen	36	36	37	38	40	50	60	72	84	97	107	119	126	132	134	141	159	175	188	208	221	242	251	262	277	293	310	326	346	359	373	387	407	423	442
As.Avail.PCS	Renewable	2,137	2,162	2,199	2,231	2,349	3,154	3,925	4,851	5,829	6,677	7,526	8,177	8,956	9,400	9,824	10,269	11,582	13,067	14,561	15,801	17,000	18,471	19,433	20,659	21,824	23,261	24,715	25,945	27,413	28,474	29,783	31,512	32,560	33,808	35,447
AVON.PK_P.1	CT	540	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AVON.PK_P.2	CT	149	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bartow CC.1.0	Steam-CC	137,815	137,848	143,557	141,237	140,452	163,154	188,381	221,292	241,302	285,759	315,124	348,303	354,574	370,065	365,764	361,109	388,675	405,341	469,071	467,529	531,331	559,817	543,765	511,522	538,054	591,735	631,416	647,845	644,301	709,510	737,729	778,711	783,783	819,444	879,429
Bartow CC.1.PAG	Steam-CC	396	567	301	461	488	863	987	1,529	1,720	1,599	2,259	3,143	3,225	3,676	3,287	996	1,097	1,362	1,672	1,872	1,992	2,296	2,759	2,911	3,193	3,152	3,530	3,232	3,349	3,454	3,976	4,302	4,451	4,317	5,692
BARTOW_P.1	CT	45	88	45	18	126	238	33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BARTOW_P.2	CT	94	97	101	15	260	153	385	911	1,262	1,117	1,640	1,292	1,569	1,370	227	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BARTOW_P.3	CT	80	86	72	18	152	77	293	43	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BARTOW_P.4	CT	127	134	85	53	286	300	514	916	1,371	1,104	1,670	1,580	1,734	1,854	307	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Battery Cape San Blas	Storage	48	146	176	237	240	244	249	253	257	261	266	270	240	174	205	266	270	275	280	285	290	295	300	305	310	215	0	0	0	0	0	0	0	0	0
Battery Jennings	Storage	79	241	247	242	230	231	232	234	236	237	239	241	236	225	236	255	260	265	270	275	280	285	290	295	301	208	0	0	0	0	0	0	0	0	0
Battery Micanopy	Storage	79	241	247	242	230	231	232	234	236	237	239	241	236	225	236	255	260	265	270	275	280	285	290	295	301	208	0	0	0	0	0	0	0	0	0
Battery Trenton	Storage	79	241	247	242	230	231	232	234	236	237	239	241	236	225	236	255	260	265	270	275	280	285	290	295	301	208	0	0	0	0	0	0	0	0	0
BAYBORO_P.1	CT	401	367	293	81	713	620	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BAYBORO_P.2	CT	11	71	22	6	23	24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BAYBORO_P.3	CT	254	347	293	81	654	556	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BAYBORO_P.4	CT	331	261	192	60	619	368	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus.CC.1	Steam-CC	100,640	104,421	105,756	110,697	127,854	135,020	160,145	185,644	204,225	240,688	259,136	270,041	296,337	303,805	321,622	314,855	338,449	361,664	391,400	397,767	461,452	473,840	463,398	471,876	504,697	523,882	568,746	590,033	598,427	637,383	666,625	691,936	754,008	782,902	830,255
Citrus.CC.1.Duct	Steam-CC	5,389	5,749	5,415	5,902	6,231	6,900	7,448	8,862	9,921	11,045	13,358	14,441	15,081	15,746	14,397	14,422	16,515	16,700	17,756	19,857	23,365	23,679	20,481	23,088	25,107	25,009	29,637	30,048	30,793	32,251	35,062	34,877	37,678	39,939	42,837
Citrus.CC.2	Steam-CC	109,721	107,533	91,233	109,036	114,147	132,495	153,949	180,240	199,060	232,753	251,413	263,724	295,547	303,694	327,571	316,535	339,162	366,862	417,506	413,376	486,717	506,350	513,701	511,037	538,896	554,329	605,451	622,077	629,887	678,565	706,996	720,884	757,251	789,443	829,383
Citrus.CC.2.Duct	Steam-CC	5,382	5,486	5,429	5,682	5,327	6,529	6,977	8,682	9,487	10,139	12,284	13,502	14,032	14,883	12,817	13,096	14,192	14,743	15,680	17,035	18,792	20,214	15,799	17,060	18,681	18,700	22,174	21,328	21,110	23,610	24,399	24,946	26,261	27,962	30,114
Crystal.4	Steam-Coal	47,306	53,333	42,661	38,573	49,379	60,705	64,846	84,752	96,984	117,772	123,456	136,988	125,163	127,195	134,158	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Crystal.5	Steam-Coal	48,230	46,277	56,222	51,952	35,745	55,658	71,645	80,748	116,453	119,776	150,764	141,611	151,626	115,768	87,586	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dade.County	Renewable	1,788	1,817	1,910	1,983	2,286	3,303	4,068	4,917	5,638	6,246	6,918	7,543	7,972	8,274	8,659	9,836	11,145	12,182	13,179	14,462	15,652	16,435	17,401	18,572	19,585	20,855	21,922	23,077	24,165	25,166	26,520	27,600	28,541	29,755	
DEBARY.10	CT	327	366	292	116	623	471	1,063	2,200	3,485	2,585	3,913	2,222	3,724	3,178	2,908	3,232	514	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.2	CT	92	110	71	72	158	141	284	55	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.3	CT	129	199	114	64	272	197	536	74	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.4	CT	110	148	77	43	180	201	481	43	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.5	CT	99	137	94	61	231	179	362	61	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.6	CT	106	167	111	44	322	219	603	55	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.7	CT	418	272	334	188	812	714	1,226	2,391	3,558	2,908	4,053	3,591	4,053	3,865	3,226	3,161	472	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.8	CT	235	230	156	103	528	568	941	1,800	2,689	2,229	3,164	3,156	3,511	2,984	2,395	2,352	450	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.9	CT	431	380	324	188	904	861	1,350	2,612	3,761	2,987	4,318	3,922	4,333	4,218	3,557	3,602	586	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EconPurch	TranEcon-Purc	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EconSale	TranEcon-Sale	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.1	CT	0	0	0	0	0	17,507	27,304	24,659	33,142	39,763	43,748	48,765	44,014	43,376	49,681	58,062	60,553	77,141	76,661	86,264	72,945	68,675	76,979	83,845	91,017	95,903	103,962	102,930	110,941	118,721	118,379	125,231	137,718		
Gen.190MW.CT.10	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13,049	19,237	20,370	24,955	20,683	20,484	24,497	26,960	31,465	32,836	33,486	35,228	37,963	39,648	43,538	44,509	52,054		
Gen.190MW.CT.11	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14,029	20,529	16,960	17,269	20,124	23,383	24,965	26,467	28,733	29,070	30,761	33,476	35,485	38,349	45,864		
Gen.190MW.CT.12	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14,909	20,834	23,475	24,151	24,131	25,682	27,959	30,472	31,367	33,500	39,673		
Gen.190MW.CT.13	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12,173	16,808	19,359	20,457	20,992	21,864	24,641	26,439	27,867	28,588	34,432		
Gen.190MW.CT.14	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11,892	15,389	16,664	17,536	18,245	20,445	23,118	23,638	23,398	29,194		
Gen.190MW.CT.15	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10,067	13,384	14,762	15,140	16,561	19,130	18,684	19,570	25,053		
Gen.190MW.CT.16	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Gen.190MW.CT.17	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Gen.190MW.CT.18	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Gen.190MW.CT.19	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Gen.190MW.CT.2	CT	0	0	0	0	0	0	0	17,133	27,590	32,924	37,297	41,666	38,045	37,311	44,657	52,643	55,626	67,407	65,994	76,564	64,013	60,593	69,850	75,391	82,386	85,530	89,525	93,624	100,739	107,479	108,077	111,879	122,355		
Gen.190MW.CT.20	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Gen.190MW.CT.21	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Gen.190MW.CT.3	CT	0	0	0	0	0	0	0	0	0	21,950	31,129	35,650	33,606	33,381	38,356	45,305	47,251	59,809	57,085	68,905	56,312	52,600	61,055	66,735	71,136	73,853	83,564	81,771	87,756	96,198	96,039	102,289	111,109		
Gen.190MW.CT.4	CT	0	0	0	0	0	0	0	0	0	0	0	24,282	26,918	27,961	32,747	38,915	41,712	52,130	50,629	59,919	47,730	47,341	55,420	58,714	65,026	67,420	72,785	72,520	79,434	85,039	84,280	88,501	98,191		
Gen.190MW.CT.5	CT	0	0	0	0	0	0	0	0	0	0	0	0	18,031	23,728	28,500	33,732	36,820	45,860	44,250	53,527	42,159	41,625	48,138	53,707	58,261	61,137	64,426	61,853	70,530	76,988	76,321	83,820	88,535		
Gen.190MW.CT.6	CT	0	0	0	0	0	0	0	0	0	0	0	0	15,173	19,836	23,889	28,059	32,433	38,423	37,367	45,307	38,211	35,794	42,036	47,632	51,161	54,310	57,602	59,915	61,741	68,207	68,290	72,674	80,639		
Gen.190MW.CT.7	CT	0	0	0	0	0	0	0	0	0	0	0	0	12,769	16,948	20,301	25,228	27,740	34,200	32,895	39,944	33,031	32,908	36,452	43,000	45,504	48,310	51,202	52,314	55,058	58,596	58,732	66,014	74,129		
Gen.190MW.CT.8	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14,683	20,569	23,738	28,162	28,403	34,885	28,353	27,940	32,697	37,017	39,984	41,503	45,137	44,851	48,075	51,919	54,407	58,849	62,824		
Gen.190MW.CT.9	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16,026	23,445	23,772	28,663	23,852	24,226	29,521	31,994	36,117	37,581	39,370	40,329	43,372	47,877	48,941	50,661	57,943		
Gen.2x1.CC.1.1	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	272,923	481,559	519,242	568,731	612,630	649,129	693,723	734,875	768,641	778,672	827,029	870,789	914,856	948,085	999,933	1,028,133	1,074,203	1,118,813	1,171,711	1,222,285	1,271,876	
Gen.2x1.CC.1.1.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	26,035	34,600	38,120	45,719	46,446	56,223	59,747	65,440	77,678	88,893	94,834	101,255	112,876	117,044	131,427	127,061	135,231	141,734	148,241	156,959	159,236	
Gen.2x1.CC.2.2	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	461,910	811,512	857,119	909,144	954,485	986,381	1,038,107	1,072,547	1,113,998	1,163,336	1,212,359	1,257,456	1,303,572
Gen.2x1.CC.2.2.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	52,402	72,678	80,402	85,783	90,639	94,978	106,955	103,206	114,169	123,935	125,552	128,548	134,744
Gen.2x1.CC.3	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.3.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.4	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.4.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.5	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.5.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.6	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.6.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.7	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.2x1.CC.7.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HEAT	DSM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hines.CC.1	Steam-CC	49,646	57,898	62,392	56,166	58,973	60,013	67,118	87,366	101,843	109,515	126,333	128,196	149,355	157,574	128,276	136,695	147,759	169,335	178,484	208,555	217,983	219,229	213,389	191,318	191,641	229,450	234,836	255,883	277,875	271,500	293,029	279,352	321,049	338,288	322,558
Hines.CC.2	Steam-CC	45,410	50,405	53,754	51,025	50,016	57,863	71,666	85,866	102,405	111,013	113,731	140,627	146,957	153,191	139,454	129,458	143,898	165,325	172,916	198,433	187,981	226,679	187,178	190,856	201,408	209,384	234,954	236,164	254,830	259,151	249,794	298,553	296,865	308,119	320,428
Hines.CC.3	Steam-CC	51,608	54,811	54,739	55,930	59,834	63,568	72,260	88,926	107,501	117,137	132,399	134,972	151,620	162,030	134,854	148,185	157,780	183,405	197,002	220,335	230,105	232,498	220,960	207,179	214,124	241,083	245,965	267,464	274,579	280,869	292,863	283,213	321,906	335,010	357,526
Hines.CC.4	Steam-CC	70,565	61,013	70,293	65,684	64,769	84,034	88,069	104,424	134,572	147,385	145,780	163,485	191,795	198,722	177,811	172,941	197,438	224,679	240,467	255,695	267,182	299,047	258,366	242,864	281,124	301,878	301,972	312,707	352,485	359,060	340,528	365,673	414,412	432,579	419,239
INT.CITY.1	CT	167	242	168	57	416	317	711	1,295	2,099	1,767	2,507	1,951	2,370	2,038	242	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.10	CT	297	271	243	143	648	593	1,883	2,654	2,225	3,407	2,988	3,057	2,402	2,821	3,240	3,474	735	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.11	CT	692	717	588	249	1,230	1,059	2,314	4,513	6,506	5,356	8,004	5,254	6,586	6,258	5,128	6,174	8,529	9,283	8,509	11,805	9,537	11,284	9,357	11,551	1,865	0	0	0	0	0	0	0	0	0	0
INT.CITY.12	CT	721	746	613	574	1,439	1,378	2,091	4,360	6,038	4,855	6,747	6,251	6,263	6,466	5,206	5,008	5,744	6,045	4,843	6,240	4,623	6,214	6,755	7,954	5,521	1,389	0	0	0	0	0	0	0	0	0
INT.CITY.13	CT	883	861	793	647	1,608	1,277	2,352	4,636	6,186	5,383	7,014	6,386	7,114	6,857	5,258	5,517	6,006	6,591	5,171	6,756	4,885	6,612	7,158	8,381	7,521	874	0	0	0	0	0	0	0	0	0
INT.CITY.14	CT	628	625	532	469	1,216	1,777	3,879	5,461	6,773	4,673	6,126	5,745	6,220	6,041	4,843	4,499	4,936	5,922	4,136	5,380	3,947	5,205	4,924	5,342	4,706	447	0	0	0	0	0	0	0	0	0
INT.CITY.2	CT	43	103	64	22	133	70	175	499	1,343	1,022	1,394	1,085	1,469	1,193	58	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.3	CT	145	238	117	64	236	248	405	846	2,136	1,821	2,571	1,529	2,344	2,072	238	0	0	0	0	0	0	0	0	0

CONFIDENTIAL

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Station	Unit Type	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054
AC	DSM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anclote.1	Steam-Gas	548	650	804	724	834	897	1,051	1,029	1,120	1,161	1,112	1,382	1,317	1,710	1,381	1,315	1,306	1,438	1,360	1,565	1,411	1,663	591	0	0	0	0	0	0	0	0	0	0	0	0
Anclote.2	Steam-Gas	609	740	721	800	774	980	983	1,081	1,297	1,136	1,302	1,337	1,463	1,703	1,415	1,229	1,312	1,319	1,349	1,336	1,423	1,435	571	0	0	0	0	0	0	0	0	0	0	0	0
As.Avail	Cogen	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
As.Avail.PCS	Renewable	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AVON.PK_P.1	CT	78	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AVON.PK_P.2	CT	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bartow CC.1.0	Steam-CC	14,664	14,824	15,349	15,033	14,446	14,653	15,109	15,784	15,277	16,703	17,528	18,446	17,939	18,689	17,911	17,116	17,652	17,189	18,878	18,258	19,843	20,222	18,999	17,328	17,674	18,787	19,555	19,812	19,331	21,032	21,720	22,686	22,562	23,358	24,835
Bartow CC.1.PAG	Steam-CC	35	51	26	40	41	62	63	86	86	74	99	131	127	144	51	37	40	46	55	59	61	68	79	81	87	83	91	82	84	84	97	103	106	113	132
BARTOW_P.1	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BARTOW_P.2	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BARTOW_P.3	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BARTOW_P.4	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Battery Cape San Blas	Storage	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Battery Jennings	Storage	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Battery Micanopy	Storage	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Battery Trenton	Storage	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BAYBORO_P.1	CT	14	13	10	3	25	21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BAYBORO_P.2	CT	0	2	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BAYBORO_P.3	CT	9	10	9	6	24	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BAYBORO_P.4	CT	12	9	7	2	22	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Citrus.CC.1	Steam-CC	6,940	7,305	7,380	7,743	8,677	7,923	8,370	8,553	8,290	8,969	9,182	9,108	9,539	9,752	9,963	9,447	9,730	9,673	9,920	9,765	10,845	10,752	10,136	10,040	10,436	10,453	11,066	11,332	11,267	11,842	12,307	12,628	13,622	13,999	14,710
Citrus.CC.1.Duct	Steam-CC	341	372	347	381	387	364	345	361	353	364	406	424	426	443	390	380	414	389	394	426	476	467	388	424	447	432	495	497	499	519	556	547	585	614	650
Citrus.CC.2	Steam-CC	7,560	7,500	6,529	7,596	7,704	7,768	8,135	8,291	8,067	8,661	8,889	8,879	9,513	9,750	9,992	9,498	9,751	9,816	10,615	10,171	11,473	11,525	11,294	10,936	11,188	11,101	11,826	11,985	11,895	12,652	13,093	12,802	13,686	14,129	14,702
Citrus.CC.2.Duct	Steam-CC	344	358	354	368	333	347	325	352	339	336	380	398	399	422	351	348	361	347	351	369	390	404	303	318	337	326	375	358	346	385	392	397	414	436	463
Crystal.4	Steam-Coal	2,258	2,563	1,986	1,704	2,138	2,113	1,979	2,331	2,434	2,741	2,711	2,699	2,344	2,218	549	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Crystal.5	Steam-Coal	2,351	2,255	2,666	2,308	1,569	1,978	2,227	2,259	2,968	2,825	3,351	2,838	2,867	2,047	609	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dade.County	Renewable	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.10	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.2	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.3	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.4	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.5	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.6	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.7	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.8	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEBARY.9	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EconPurch	TranEcon-Purc	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EconSale	TranEcon-Sale	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.1	CT	0	0	0	0	0	0	330	465	389	496	566	601	663	535	501	556	610	608	762	714	790	584	522	579	611	655	684	720	716	767	813	809	854	941
Gen.190MW.CT.10	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	103	152	157	192	136	128	155	168	192	200	197	210	224	236	261	262	312
Gen.190MW.CT.11	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	106	152	189	104	129	140	157	170	168	178	194	211	219	273	271	273
Gen.190MW.CT.12	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	93	124	136	139	134	145	157	177	178	186	230	
Gen.190MW.CT.13	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74	97	109	114	115	121	135	154	155	157	195	
Gen.190MW.CT.14	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	69	83	99	95	98	108	130	127	125	162		
Gen.190MW.CT.15	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	60	70	77	79	85	106	96	101	138		
Gen.190MW.CT.16	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Gen.190MW.CT.17	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Gen.190MW.CT.18	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Gen.190MW.CT.19	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Gen.190MW.CT.2	CT	0	0	0	0	0	0	0	0	0	269	409	465	507	564	458	424	497	548	559	655	612	701	511	456	520	543	589	601	613	642	690	734	732	751	830
Gen.190MW.CT.20	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.21	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.190MW.CT.3	CT	0	0	0	0	0	0	0	0	0	0	0	308	419	479	396	372	418	460	467	573	523	622	442	391	447	476	497	509	567	556	594	651	646	682	749
Gen.190MW.CT.4	CT	0	0	0	0	0	0	0	0	0	0	0	0	327	309	303	351	391	406	493	460	536	365	344	403	414	452	464	484	487	530	569	561	580	652	
Gen.190MW.CT.5	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	197	250	299	331	353	427	396	473	320	298	344	375	399	416	425	407	465	509	500	544	585	
Gen.190MW.CT.6	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	161	204	241	267	305	349	328	392	286	251	296	326	347	362	374	392	400	445	443	465	525	
Gen.190MW.CT.7	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	128	163	192	229	246	300	280	335	236	221	246	284	297	311	322	332	345	367	366	409	466	
Gen.190MW.CT.8	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	135	181	204	239	235	281	199	183	218	240	254	261	278	275	295	322	336	357	387		
Gen.190MW.CT.9	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	134	193	191	225	161	155	192	204	227	234	218	245	262	292	299	304	350	
Gen.2x1.CC.1.1	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	8,400	14,577	15,078	15,401	15,749	16,171	16,572	16,963	17,155	16,921	17,458	17,738	18,183	18,600	19,243	19,525	20,283	20,875	21,630	22,354	23,056	
Gen.2x1.CC.1.1.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	716	920	975	1,092	1,056	1,244	1,265	1,342	1,542	1,730	1,792	1,849	2,013	2,061	2,267	2,171	2,297	2,379	2,463	2,581	2,596	
Gen.2x1.CC.1.2	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Gen.2x1.CC.1.2.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Gen.2x1.CC.1.3	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Gen.2x1.CC.1.3.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Gen.2x1.CC.1.4	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Gen.2x1.CC.1.4.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Gen.2x1.CC.1.5	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Gen.2x1.CC.1.5.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Gen.2x1.CC.1.6	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Gen.2x1.CC.1.6.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Gen.2x1.CC.1.7	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Gen.2x1.CC.1.7.Duct	Steam-CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
HEAT	DSM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hines.CC.1	Steam-CC	6,678	7,887	8,513	7,556	7,728	6,812	6,830	7,946	8,221	8,180	8,993	8,686	9,694	10,204	7,986	8,204	8,519	9,132	9,131	10,477	10,456	10,163	9,499	8,126	7,960	9,218	9,255	9,957	10,636	10,202	10,987	10,337	11,762	12,284	11,646
Hines.CC.2	Steam-CC	5,585	6,314	6,710	6,559	5,994	6,056	6,714	7,141	7,568	7,582	7,394	8,732	8,710	9,064	7,980	7,148	7,739	8,181	8,124	9,092	8,224	9,612	7,599	7,517	7,707	7,741	8,490	8,431	8,912	8,948	8,587	10,153	9,956	10,247	10,547
Hines.CC.3	Steam-CC	6,739	7,234	7,200	7,275	7,542	6,970	7,095	7,763	8,336	8,403	9,045	8,790	9,442	10,067	9,291	8,597	8,800	9,551	9,743	10,608	10,584	10,353	9,443	8,575	8,618	9,371	9,341	10,031	10,100	10,206	10,589	10,135	11,374	11,721	12,382
Hines.CC.4	Steam-CC	5,520	4,770	5,527	5,094	4,901	5,532	5,167	5,423	6,194	6,243	5,862	6,253	7,007	7,246	6,285	5,919	6,476	6,873	6,978	7,200	7,200	7,790	6,494	5,915	6,651	6,899	6,729	6,883	7,613	7,645	7,200	7,652	8,574	8,860	8,491
INT.CITY.1	CT	5	8	5	2	33	10	21	38	60	49	69	53	64	54	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.10	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.11	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.12	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.13	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.14	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.2	CT	1	3	2	1	4	2	5	15	38	28	38	29	39	32	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.3	CT	4	8	4	2	8	8	12	25	62	52	72	42	65	56	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.4	CT	7	9	5	3	24	11	20	37	71	51	89	63	74	65	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.5	CT	2	4	2	1	5	4	7	13	43	36	48	34	43	39	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.6	CT	10	10	7	3	19	15	31	56	86	71	100	73	89	76	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.7	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.8	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INT.CITY.9	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INTER	DSM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lake.County	Renewable	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LEE.County.Res	Renewable

CONFIDENTIAL

VDM Rate ($/MWh)

\\sb0233\grpdata\PEF Resource Planning\2020\2020-03 Clean Energy Connection\Prosym\050520\CEC_750MW.mdb

Station	Unit Type	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054
AC	DSM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Anclote.1	Steam-Gas	1.84	1.89	1.94	1.99	2.04	2.09	2.14	2.19	2.25	2.30	2.36	2.42	2.48	2.54	2.61	2.67	2.74	2.81	2.88	2.95	3.02	3.10	3.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Anclote.2	Steam-Gas	1.84	1.89	1.94	1.99	2.04	2.09	2.14	2.19	2.25	2.30	2.36	2.42	2.48	2.54	2.61	2.67	2.74	2.81	2.88	2.95	3.02	3.10	3.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
As.Avail	Cogen	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
As.Avail.PCS	Renewable	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVON.PK_P.1	CT	15.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVON.PK_P.2	CT	15.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Bartow CC.1.0	Steam-CC	2.07	2.12	2.18	2.23	2.29	2.34	2.40	2.46	2.52	2.59	2.65	2.72	2.79	2.86	2.93	3.00	3.08	3.15	3.23	3.31	3.40	3.48	3.57	3.66	3.75	3.84	3.94	4.04	4.14	4.24	4.35	4.45	4.57	4.68	4.80
Bartow CC.1.PAG	Steam-CC	2.07	2.12	2.18	2.23	2.29	2.34	2.40	2.46	2.52	2.59	2.65	2.72	2.79	2.86	2.93	3.00	3.08	3.15	3.23	3.31	3.39	3.48	3.57	3.66	3.75	3.84	3.94	4.04	4.14	4.24	4.35	4.45	4.57	4.68	4.80
BARTOW_P.1	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BARTOW_P.2	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BARTOW_P.3	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BARTOW_P.4	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Battery Cape San Blas	Storage	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Battery Jennings	Storage	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Battery Micanopy	Storage	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Battery Trenton	Storage	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BAYBORO_P.1	CT	7.32	7.50	7.69	7.89	8.08	8.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BAYBORO_P.2	CT	8.50	7.90	8.00	9.00	8.44	8.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BAYBORO_P.3	CT	7.47	7.60	7.84	8.06	8.25	8.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BAYBORO_P.4	CT	7.52	7.70	7.90	8.11	8.31	8.51	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Citrus.CC.1	Steam-CC	1.18	1.21	1.24	1.27	1.30	1.33	1.36	1.40	1.43	1.47	1.51	1.54	1.58	1.62	1.66	1.70	1.75	1.79	1.84	1.88	1.93	1.98	2.03	2.08	2.13	2.18	2.24	2.29	2.35	2.41	2.47	2.53	2.59	2.66	2.72
Citrus.CC.1.Duct	Steam-CC	1.18	1.21	1.24	1.27	1.30	1.33	1.36	1.40	1.43	1.47	1.51	1.54	1.58	1.62	1.66	1.70	1.75	1.79	1.84	1.88	1.93	1.98	2.03	2.08	2.13	2.18	2.24	2.29	2.35	2.41	2.47	2.53	2.59	2.66	2.72
Citrus.CC.2	Steam-CC	1.18	1.21	1.24	1.27	1.30	1.33	1.36	1.40	1.43	1.47	1.51	1.54	1.58	1.62	1.66	1.70	1.75	1.79	1.84	1.88	1.93	1.98	2.03	2.08	2.13	2.18	2.24	2.29	2.35	2.41	2.47	2.53	2.59	2.66	2.72
Citrus.CC.2.Duct	Steam-CC	1.18	1.21	1.24	1.27	1.30	1.33	1.36	1.40	1.43	1.47	1.51	1.54	1.58	1.62	1.66	1.70	1.75	1.79	1.84	1.88	1.93	1.98	2.03	2.08	2.13	2.18	2.24	2.29	2.35	2.41	2.47	2.53	2.59	2.66	2.72
Crystal.4	Steam-Coal	1.25	1.28	1.31	1.35	1.38	1.41	1.45	1.49	1.52	1.56	1.60	1.64	1.68	1.72	1.77	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Crystal.5	Steam-Coal	1.25	1.28	1.31	1.35	1.38	1.41	1.45	1.49	1.52	1.56	1.60	1.64	1.68	1.72	1.77	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Dade.County	Renewable	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.10	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.2	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.3	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.4	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.5	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.6	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.7	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.8	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEBARY.9	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EconPurch	TranEcon-Purc	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EconSale	TranEcon-Sale	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.1	CT	0.00	0.00	0.00	0.00	0.00	0.00	1.10	1.12	1.15	1.18	1.21	1.24	1.27	1.30	1.34	1.37	1.40	1.44	1.47	1.51	1.55	1.59	1.63	1.67	1.71	1.75	1.80	1.84	1.89	1.94	1.98	2.03	2.08	2.14
Gen.190MW.CT.10	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.44	1.47	1.51	1.55	1.59	1.63	1.67	1.71	1.75	1.80	1.84	1.89	1.93	1.98	2.03	2.08	2.14
Gen.190MW.CT.11	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.12	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.13	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.14	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.15	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.16	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.17	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.18	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.19	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.2	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.15	1.18	1.21	1.24	1.27	1.30	1.34	1.37	1.40	1.44	1.47	1.51	1.55	1.59	1.63	1.67	1.71	1.75	1.80	1.84	1.89	1.94	1.98	2.03	2.08	2.14		
Gen.190MW.CT.20	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.21	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.190MW.CT.3	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.21	1.24	1.27	1.30	1.34	1.37	1.40	1.44	1.47	1.51	1.55	1.59	1.63	1.67	1.71	1.75	1.80	1.84	1.89	1.94	1.98	2.03	2.08	2.14
Gen.190MW.CT.4	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.27	1.30	1.34	1.37	1.40	1.44	1.47	1.51	1.55	1.59	1.63	1.67	1.71	1.75	1.80	1.84	1.89	1.93	1.98	2.03	2.08	2.14
Gen.190MW.CT.5	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.30	1.34	1.37	1.40	1.44	1.47	1.51	1.55	1.59	1.63	1.67	1.71	1.75	1.80	1.84	1.89	1.93	1.98	2.03	2.08	2.14
Gen.190MW.CT.6	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.30	1.34	1.37	1.40	1.44	1.47	1.51	1.55	1.59	1.63	1.67	1.71	1.75	1.80	1.84	1.89	1.94	1.98	2.03	2.08	2.14
Gen.190MW.CT.7	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.30	1.34	1.37	1.40	1.44	1.47	1.51	1.55	1.59	1.63	1.67	1.71	1.75	1.80	1.84	1.89	1.94	1.98	2.03	2.08	2.14
Gen.190MW.CT.8	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.37	1.40	1.44	1.47	1.51	1.55	1.59	1.63	1.67	1.71	1.75	1.80	1.84	1.89	1.94	1.98	2.03	2.08	2.14
Gen.190MW.CT.9	CT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.37	1.40	1.44	1.47	1.51	1.55	1.59	1.63	1.67	1.71	1.75	1.80	1.84	1.89	1.93	1.98	2.03	2.08	2.14
Gen.2x1.CC.1.1	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.69	1.74	1.78	1.82	1.87	1.92	1.97	2.01	2.06	2.12	2.17	2.22	2.28	2.34	2.39	2.45	2.52	2.58	2.64	2.71	2.78
Gen.2x1.CC.1.1.Duct	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.03	2.08	2.13	2.18	2.24	2.29	2.35	2.41	2.47	2.53	2.60	2.66	2.73	2.80	2.86	2.94	3.01	3.09	3.16	3.24	3.32
Gen.2x1.CC.1.2	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.06	2.12	2.17	2.22	2.28	2.34	2.39	2.45	2.52	2.58	2.64	2.71	2.78
Gen.2x1.CC.1.2.Duct	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.47	2.53	2.60	2.66	2.73	2.80	2.86	2.94	3.01	3.09	3.16	3.24	3.32
Gen.2x1.CC.1.3	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.2x1.CC.1.3.Duct	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.2x1.CC.4	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.2x1.CC.4.Duct	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gen.2x1.CC.1.5	Steam-CC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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	2022 CEC Units										2023 CEC Units										2024 CEC Units											
	Capital RR	Property Taxes	Insurance	Capital Lease	O&M	Transm Cap RR	Transm Prop Tx	Transm Prop Ins	Total RR	Total RR	Capital RR	Property Taxes	Insurance	Capital Lease	O&M	Transm Cap RR	Transm Prop Tx	Transm Prop Ins	Total RR	Total RR	Capital RR	Property Taxes	Insurance	Capital Lease	O&M	Transm Cap RR	Transm Prop Tx	Transm Prop Ins	Total RR	Total RR	Solar Generation Capital	Solar Transmission Capital	Solar PDM
2020	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2022	25,308	689	250	804	1,228	2,396	159	26	30,858	30,858	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2023	23,804	668	258	820	1,246	2,326	159	27	29,306	29,306	46,812	1,278	464	1,630	2,494	4,703	324	51	57,765	57,765	-	-	-	-	-	-	-	-	-	-	-	-	-
2024	22,312	654	266	836	1,274	2,249	159	27	27,776	27,776	43,957	1,239	478	1,672	2,531	4,565	324	52	54,818	54,818	44,668	1,227	446	1,672	2,536	4,797	330	52	55,727	55,727	119,437	12,554	6,341
2025	21,210	633	273	853	1,304	2,176	159	28	26,635	26,635	41,125	1,213	493	1,705	2,589	4,410	324	54	51,913	51,913	41,826	1,190	459	1,705	2,573	4,656	330	53	52,793	52,793	112,685	12,190	6,466
2026	20,269	611	282	870	1,344	2,106	159	29	25,670	25,670	39,044	1,174	507	1,740	2,649	4,264	324	55	49,757	49,757	39,008	1,165	473	1,740	2,633	4,468	330	55	49,901	49,901	106,883	11,821	6,625
2027	17,102	590	291	887	1,478	2,040	159	30	22,577	22,577	33,106	1,135	523	1,774	2,730	4,126	324	57	43,775	43,775	35,203	1,127	487	1,774	2,694	4,349	330	56	46,021	46,021	84,081	11,471	6,901
2028	16,488	569	299	905	1,513	1,976	159	31	21,940	21,940	31,552	1,096	539	1,810	2,999	3,994	324	59	42,372	42,372	33,470	1,089	502	1,810	2,776	4,208	330	58	44,244	44,244	80,130	11,139	7,288
2028	15,985	548	309	923	1,548	1,913	159	32	21,417	21,417	30,412	1,056	556	1,846	3,070	3,868	324	61	41,192	41,192	31,955	1,052	518	1,846	3,046	4,074	330	60	42,881	42,881	87,005	10,920	7,665
2030	15,483	527	318	941	1,585	1,850	159	33	20,896	20,896	29,487	1,017	573	1,883	3,143	3,743	324	62	40,231	40,231	30,863	1,014	534	1,883	3,119	3,945	330	62	41,749	41,749	84,523	10,507	7,846
2031	14,997	499	328	960	1,632	1,787	159	34	20,396	20,396	28,564	978	590	1,921	3,217	3,617	324	64	39,276	39,276	29,989	977	550	1,921	3,193	3,817	330	64	40,840	40,840	82,275	10,196	8,042
2032	14,505	478	338	980	1,660	1,724	159	35	19,878	19,878	27,674	926	609	1,959	3,313	3,492	324	66	38,364	38,364	29,119	939	567	1,959	3,268	3,690	330	65	39,937	39,937	80,053	9,885	8,241
2033	14,004	450	349	999	1,699	1,661	159	36	19,357	19,357	26,771	887	628	1,998	3,370	3,367	324	68	37,413	37,413	28,280	889	585	1,998	3,365	3,562	330	67	39,078	39,078	77,839	9,575	8,435
2034	13,504	422	360	1,019	1,739	1,598	159	37	18,837	18,837	25,851	835	647	2,038	3,449	3,242	324	70	36,457	36,457	27,429	851	603	2,038	3,424	3,435	330	69	38,180	38,180	75,598	9,264	8,632
2035	13,005	394	371	1,039	1,865	1,535	159	38	18,405	18,405	24,933	783	667	2,079	3,530	3,117	324	72	35,505	35,505	26,561	801	622	2,079	3,504	3,307	330	72	37,277	37,277	73,333	8,954	8,839
2036	12,523	365	383	1,060	1,831	1,472	159	39	17,832	17,832	24,015	730	688	2,121	3,783	2,992	324	74	34,727	34,727	25,695	751	641	2,121	3,587	3,179	330	74	36,378	36,378	71,092	8,643	9,201
2037	12,033	337	394	1,081	1,864	1,416	159	40	17,326	17,326	23,132	678	710	2,163	3,718	2,867	324	77	33,669	33,669	24,829	701	661	2,163	3,841	3,052	330	76	35,653	35,653	68,885	8,340	9,423
2038	11,535	1,546	407	1,103	1,908	1,374	159	41	18,073	18,073	22,235	3,130	732	2,206	3,785	2,756	324	79	35,247	35,247	23,898	3,256	682	2,206	3,777	2,924	330	78	37,252	37,252	73,038	8,065	9,470
2039	11,038	1,371	419	1,125	1,953	1,338	159	43	17,446	17,446	21,321	2,869	755	2,250	3,874	2,672	324	81	34,147	34,147	23,153	3,005	704	2,250	3,846	2,811	330	81	36,180	36,180	70,261	7,838	9,673
2040	10,541	1,195	432	1,148	1,999	1,302	159	44	16,820	16,820	20,408	2,543	779	2,295	3,965	2,603	324	84	33,001	33,001	22,291	2,755	725	2,295	3,937	2,726	330	83	35,142	35,142	67,407	7,654	9,901
2041	10,058	1,054	446	1,171	2,056	1,267	159	45	16,256	16,256	19,494	2,217	803	2,341	4,059	2,533	324	86	31,858	31,858	21,430	2,442	748	2,341	4,030	2,655	330	85	34,061	34,061	64,566	7,484	10,145
2042	9,570	1,054	460	1,194	2,095	1,231	159	47	15,809	15,809	18,610	1,956	829	2,388	4,176	2,464	324	89	30,835	30,835	20,568	2,129	771	2,388	4,125	2,584	330	88	32,984	32,984	61,818	7,315	10,396
2043	9,075	914	474	1,218	2,145	1,195	159	48	15,227	15,227	17,714	1,956	854	2,436	4,255	2,394	324	92	30,025	30,025	19,736	1,878	795	2,436	4,243	2,513	330	91	32,024	32,024	59,488	7,146	10,643
2044	8,581	914	489	1,242	2,196	1,160	159	49	14,789	14,789	16,805	1,695	881	2,485	4,356	2,325	324	94	28,965	28,965	18,893	1,878	821	2,485	4,324	2,442	330	93	31,266	31,266	57,167	6,977	10,877
2045	8,086	808	504	1,267	2,249	1,124	159	51	14,248	14,248	15,898	1,695	908	2,534	4,461	2,256	324	97	28,173	28,173	18,036	1,628	847	2,534	4,427	2,372	330	96	30,270	30,270	54,760	6,808	11,137
2046	7,605	808	520	1,292	2,313	1,088	159	52	13,838	13,838	14,989	1,500	937	2,585	4,568	2,186	324	100	27,189	27,189	17,183	1,628	873	2,585	4,534	2,301	330	99	29,532	29,532	52,505	6,630	11,415
2047	7,116	738	536	1,318	2,359	1,053	159	54	13,333	13,333	14,110	1,500	967	2,637	4,698	2,117	324	103	26,455	26,455	16,327	1,440	900	2,637	4,643	2,230	330	102	28,609	28,609	50,226	6,471	11,700
2048	6,618	703	553	1,345	2,416	1,017	159	56	12,865	12,865	13,214	1,369	997	2,689	4,792	2,047	324	106	25,538	25,538	15,501	1,440	929	2,689	4,775	2,159	330	105	27,928	27,928	48,066	6,302	11,983
2049	6,119	703	570	1,372	2,475	981	159	57	12,435	12,435	12,298	1,304	1,038	2,743	4,908	1,978	324	109	24,662	24,692	14,658	1,315	958	2,743	4,871	2,088	330	108	27,071	27,071	45,859	6,135	12,254
2050	5,618	703	587	1,399	2,535	945	159	59	12,006	12,006	11,381	1,304	1,059	2,798	5,028	1,908	324	113	23,915	23,915	13,795	1,252	988	2,798	4,989	2,017	330	112	26,281	26,281	43,683	5,967	12,552
2051	8,713	703	606	1,427	2,607	910	159	61	15,186	15,186	10,462	1,304	1,092	2,854	5,150	1,839	324	116	23,141	23,141	12,931	1,252	1,018	2,854	5,111	1,947	330	115	25,558	25,558	45,216	5,799	12,869
2052	-	-	-	-	-	874	159	63	1,095	-	16,702	1,304	1,127	2,911	5,297	1,769	324	119	29,554	29,554	12,065	1,252	1,050	2,911	5,236	1,876	330	118	24,838	24,838	39,317	5,632	10,532
2053	-	-	-	-	-	838	159	64	1,061	-	-	-	-	-	-	1,700	324	123	2,147	-	18,328	1,252	1,083	2,969	5,184	1,805	330	122	31,274	31,274	23,631	5,465	5,184
2054	-	-	-	-	-	803	159	66	1,028	-	-	-	-	-	-	1,631	324	127	2,081	-	-	-	-	-	-	1,734	330	125	2,190	-	-	5,298	-
2055	-	-	-	-	-	767	159	68	994	-	-	-	-	-	-	1,561	324	131	2,015	-	-	-	-	-	-	1,663	330	129	2,123	-	-	5,132	-
2056	-	-	-	-	-	731	159	70	960	-	-	-	-	-	-	1,492	324	134	1,950	-	-	-	-	-	-	1,592	330	133	2,056	-	-	4,966	-
2057	-	-	-	-	-	696	159	72	927	-	-	-	-	-	-	1,422	324	138	1,885	-	-	-	-	-	-	1,522	330	137	1,989	-	-	4,800	-
2058	-	-	-	-	-	660	159	75	893	-	-	-	-	-	-	1,353	324	143	1,819	-	-	-	-	-	-	1,451	330	141	1,922	-	-	4,635	-
2059	-	-	-	-	-	624	159	77	860	-	-	-	-	-	-	1,283	324	147	1,754	-	-	-	-	-	-	1,380	330	145	1,856	-	-	4,469	-
2060	-	-	-	-	-	588	159	79	826	-	-	-	-	-	-	1,214	324	151	1,689	-	-	-	-	-	-	1,309	330	150	1,789	-	-	4,304	-
2061	-	-	-	-	-	553	159	82	793	-	-	-	-	-	-	1,145	324	156	1,626	-	-	-	-	-	-	1,238	330	154	1,723	-	-	4,140	-
2062	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,075	324	161	1,559	-	-	-	-	-	-	1,167	330	159	1,657	-	-	3,216	-
2063	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,097	330	164	1,591	-	-	1,591	-
2064	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2065	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2066	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2067	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2068	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2069	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	$191,269.08	$8,026.71	$4,177.11	$11,875.40	$19,889.08	$21,556.18	$1,941.16		$441.44	$259,176.16	$258,913.82	$328,328.76	$14,738.40	$7,269.33	$22,704.61	$37,851.13	$39,319.27	$3,675.61		$800.37	$454,687.47	$454,434.91	$306,953.79	$14,072.30	$6,543.60	$21,704.50	$36,050.68	$37,396.11	$3,477.30		$751.28	$426,949.56	$426,949.56	

	$k	$M
	CPVRR 2053	CPVRR 2053
Capital RR	$826,552	$827
Property Taxes	$36,817	$37
Insurance	$17,990	$18
Capital Lease	$56,285	$56
O&M	$93,791	$94
Transm Cap RR	$97,863	$98
Transm Prop Tx	$9,017	$9
Transm Prop Ins	$1,941	$2
Total	**$1,140,298**	**$1,140**

	2022 CEC	2023 CEC	2024 CEC	Total
Capital RR	$191	$328	$307	$827
Property Taxes	$8	$15	$14	$37
Insurance	$4	$7	$7	$18
Capital Lease	$12	$23	$22	$56
O&M	$20	$38	$36	$94
Transm Cap RR	$22	$39	$37	$98
Transm Prop Tx	$2	$4	$3	$9
Transm Prop Ins	$0	$1	$1	$2
Total	**$259**	**$453**	**$427**	**$1,141**

Capital RR	74%	72%	72%
Property Taxes	3%	3%	3%
Insurance	2%	2%	2%
Capital Lease	5%	5%	5%
O&M	8%	8%	8%
Transm Cap RR	8%	9%	9%
Transm Prop Tx	1%	1%	1%
Transm Prop Ins	0%	0%	0%
Total	**$1**	**$1**	**$1**

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CPVRR $M/kW	CPVRR $B/GW	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059
$314,317.45	$314,317.45	Capital RR	-	11,728.48	10,259.57	12,360.17	11,791.42	11,272.18	8,980.00	8,619.94	8,167.77	8,079.47	7,815.50	7,544.10	7,277.08	7,038.64	6,743.57	6,488.42	6,214.98	5,943.96	5,679.60	5,409.90	5,145.80	4,875.24	4,609.19	4,332.67	4,060.43	3,796.28	3,522.88	3,284.58	2,977.15	2,713.10	2,566.78	2,480.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
$4,199.65	$4,199.65	Property Taxes	-	257.23	235.11	227.26	217.62	207.41	297.20	287.00	276.81	266.60	256.06	242.95	230.08	216.30	202.49	188.83	174.91	160.95	144.25	492.15	557.28	540.28	497.14	499.92	430.01	417.99	390.90	368.75	364.76	365.26	366.07	91.52	-	-	-	-	-	-	-	-	-	-
$2,760.61	$2,760.61	Insurance	-	208.51	149.08	153.55	158.16	163.05	168.30	173.33	178.75	184.36	190.13	196.14	202.56	208.99	215.63	222.72	229.82	237.15	244.73	252.52	260.80	269.15	277.67	286.50	295.99	305.23	314.89	324.63	335.07	345.65	356.77	91.90	-	-	-	-	-	-	-	-	-	-
$6,957.26	$6,957.26	Capital Lease	-	341.23	455.00	455.00	455.00	469.00	469.00	469.00	469.00	469.00	469.00	483.00	483.00	483.00	483.00	497.00	497.00	497.00	497.00	497.00	511.00	511.00	511.00	511.00	525.00	525.00	525.00	525.00	525.00	539.90	184.75	-	-	-	-	-	-	-	-	-	-	-
$14,201.20	$14,201.20	O&M	-	543	790	819	828	848	939	950	973	1,009	1,021	1,036	1,056	1,097	1,177	1,164	1,170	1,208	1,251	1,268	1,299	1,345	1,364	1,398	1,468	1,469	1,506	1,538	1,586	1,636	1,681	452	-	-	-	-	-	-	-	-	-	-
$9,604.14	$9,661.63	Transm Cap RR	-	960.01	936.53	913.07	879.30	846.74	815.30	784.88	755.36	726.17	697.04	667.92	638.82	609.74	580.68	551.63	522.61	493.60	464.62	435.66	407.37	380.43	364.54	347.05	329.57	312.13	294.71	277.22	259.91	242.62	225.31	208.03	190.79	173.58	156.40	139.26	122.15	105.08	88.05	71.06	54.10	12.16
$982.08	$951.66	Transm Prop Ta	-	76.20	98.27	96.93	94.08	92.97	87.86	86.75	81.64	78.53	76.66	75.27	67.09	63.24	59.09	56.95	50.80	46.65	41.73	36.56	32.14	31.10	27.89	26.95	24.62	23.86	22.29	20.98	20.75	20.73	20.73	20.73	20.73	20.73	20.73	20.73	20.73	20.73	20.73	20.73	20.73	20.73
$1,597.84	$1,748.96	Transm Prop Ins	-	193.86	258.68	258.68	258.68	258.68	258.68	258.68	258.68	258.68	258.68	258.68	258.68	258.68	258.68	258.68	258.68	258.68	258.68	258.68	258.68	258.68	258.68	258.68	258.68	258.68	258.68	258.68	258.68	258.68	258.68	258.68	258.68	258.68	258.68	258.68	258.68	258.68	258.68	258.68	258.68	258.68
$301,852.36	$316,221.25		-	14,213.61	16,202.86	15,417.11	14,783.80	14,253.36	12,014.63	11,627.83	11,141.03	11,071.35	10,794.13	10,513.91	10,240.91	9,945.40	9,719.83	9,410.86	9,127.64	8,847.68	8,578.80	8,410.09	8,473.93	8,213.70	7,995.28	7,630.84	7,360.05	7,107.72	6,830.45	6,589.18	6,324.75	6,082.70	5,994.23	3,917.20										

March in-service with a start of last recovery 4/1/2020

74.9 O&M $/kw

7.25	10.55	10.94	11.05	11.32	12.53	12.68	12.99	13.47	13.63	13.96	14.47	14.65	15.71	15.54	15.74	16.13	16.70	16.93	17.34	17.96	18.21	18.67	19.33	19.62	20.11	20.82	21.14	21.68	22.44	5.76													

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CPUC$ 2023	CPUC$ Life		2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069
$158,986.94	$158,986.94	Capital RR	13,570	12,774	12,258	11,626	11,096	10,792	8,588	8,309	8,034	7,722	7,448	7,174	6,900	6,630	6,365	6,092	5,818	5,544	5,272	5,003	4,728	4,453	4,176	3,902	3,621	3,353	3,075	2,798	2,528	4,527	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
$10,980.77	$10,980.77	Property Taxes	1,234	1,189	1,170	1,132	1,091	1,058	1,021	984	946	898	858	808	757	707	658	607	553	488	428	390	378	340	330	301	296	273	263	264	264	399	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
$2,884.16	$2,884.16	Insurance	149	154	158	163	168	173	179	184	190	196	202	209	215	222	230	237	244	252	260	269	277	286	295	304	314	324	334	345	356	367	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
$5,679.91	$5,679.91	Capital Lease	339	346	353	359	366	373	380	388	395	403	411	419	427	435	443	452	461	469	479	486	497	507	517	527	537	548	558	569	580	575	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
$19,487.14	$19,487.14	O&M	1,088	1,106	1,130	1,154	1,179	1,206	1,294	1,323	1,352	1,382	1,413	1,446	1,476	1,542	1,542	1,576	1,611	1,647	1,684	1,722	1,761	1,801	1,842	1,884	1,927	1,971	2,016	2,063	2,111	2,160	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
$8,467.14	$8,520.14	Tranxm Cap RR	926	892	870	831	801	771	742	714	686	653	625	596	568	540	512	488	456	428	405	378	359	342	325	308	291	274	257	240	223	206	190	173	156	139	122	105	89	72	55	40	0	0	0	0	0	0	0	0	0	0	0	0	0
$1,403.29	$1,424.80	Tranxm Prop Tx	156	151	148	144	139	134	129	124	120	113	108	102	96	89	83	77	70	62	54	48	48	41	41	37	37	33	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	-	-	-	-	-	-	-	-	-	-
$3,542.37	$3,643.88	Tranxm Prop Ins	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	269	-	-	-	-	-	-	-	-	-
$161,637.90	$161,611.12		17,710	16,872	16,338	15,660	15,095	14,819	12,585	12,277	11,971	11,617	11,314	11,001	10,690	10,430	10,083	9,774	9,464	9,142	8,828	8,548	8,299	8,020	7,777	7,513	7,382	7,024	6,786	6,561	6,344	8,317	472	455																				
	74.9	O&M $/kw		14.76	15.08	15.41	15.74	16.91	17.28	17.66	18.05	18.45	18.86	19.28	19.70	20.85	20.59	21.04	21.51	21.99	22.48	22.99	23.51	24.04	24.59	25.15	25.72	26.31	26.92	27.54	28.18	28.84	-	-																				
	$2,927.81	Insurance	154	158 4.62	163	168	173	179	184	190	196	202	209	215	222	229	236	244	252	260	268	277	286	295	304	314	324	334	344	355	366	377																				
$19.38				19.38																																																
$0.00																																																					
$0.00																																																				
$19.38																																																				

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CPVRR 2053	CPVRR Life		Dec-19	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069
$304,668.51	$104,638.51	Capital Alt		-	12,627	11,702	11,041	10,538	10,047	9,466	7,741	7,406	7,214	6,988	6,743	6,676	6,231	5,965	5,735	5,606	5,252	4,963	4,702	4,456	4,199	3,941	3,684	3,425	3,179	2,916	2,657	2,396	2,134	4,351	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
$4,312.70	$4,312.70	Property Taxes		-	357	347	340	329	318	307	296	285	274	260	249	239	210	205	180	176	161	143	122	149	149	675	675	621	621	384	366	366	366	274	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
$2,519.72	$2,519.72	Insurance		-	142	136	140	144	149	154	158	163	168	174	174	185	190	196	203	209	216	222	229	237	244	252	260	268	277	285	294	304	314	323	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
$4,200.07	$4,200.07	Capital Lease		-	360	357	353	349	345	341	337	333	329	325	321	317	313	309	305	301	297	293	289	285	281	277	273	269	265	261	257	253	249	245	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
$10,300.07	$10,300.07	O&M		-	1,069	1,027	1,055	1,075	1,101	1,189	1,213	1,242	1,275	1,306	1,332	1,367	1,395	1,479	1,471	1,497	1,532	1,573	1,606	1,649	1,688	1,723	1,765	1,812	1,856	1,896	1,947	1,989	2,038	2,098	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
$1,200.54	$1,174.76	Transm Cap Alt		-	96	93	89	86	83	80	77	74	71	68	66	63	60	58	55	53	50	48	46	43	41	39	37	35	33	31	29	28	26	24	177	178	170	162	154	147	139	131	124	117	-	-	-	-	-	-	-	-	-	-
$204.54	$124.76	Transm Prop Ta		-	16	16	15	15	14	14	13	13	12	12	11	11	10	10	9	9	9	8	8	8	7	7	7	6	6	6	5	5	5	4	11	11	11	11	11	11	11	11	11	11	-	-	-	-	-	-	-	-	-	-
$134.81	$134.25	Transm Prop Ins		-	6	6	6	6	6	7	7	7	7	8	8	8	8	9	9	9	9	10	10	10	11	11	11	12	12	12	13	13	13	14	14	15	15	16	16	17	17	18	18	-	-	-	-	-	-	-	-	-	-
$140,322.38	$140,633.42			-	15,037	14,336	13,696	12,952	12,618	12,162	11,241	9,994	9,732	9,514	9,264	9,035	8,770	8,576	8,303	8,059	7,816	7,574	7,322	7,411	7,109	7,052	6,917	6,550	6,348	6,101	5,876	5,664	5,455	7,598	262	203	196	188	181	174	167	159	152	146	-	-	-	-	-	-	-	-	-	-
	74.9	O&M S/kw			13.67	13.71	14.09	14.21	14.75	15.87	16.19	16.58	17.02	17.44	17.78	18.25	18.62	19.75	19.64	19.99	20.45	21.00	21.44	22.02	22.54	23.00	23.56	24.19	24.78	25.31	25.99	26.56	27.21	28.01	-																			
					13.67																																																	
					4.57																																																	
$18,300.07	$17,150.95	O&M		0	1,069	1,027	1,055	1,075	1,101	1,189	1,213	1,242	1,275	1,306	1,332	1,367	1,395	1,479	1,471	1,497	1,532	1,573	1,606	1,649	1,688	1,723	1,765	1,812	1,856	1,896	1,947	1,989	2,038	2,098	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
$116,289.56	$108,987.41	Generation Capital		0	13,458	12,528	11,863	11,353	10,856	10,481	8,551	8,288	8,025	7,772	7,510	7,246	6,981	6,718	6,468	6,212	5,948	5,681	5,911	5,601	5,360	5,037	4,787	4,482	4,244	3,966	3,695	3,443	3,191	5,291	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
$1,932.71	$1,647.41	Network Upgrades		0	570	553	537	522	507	492	477	464	450	436	421	407	393	378	364	350	336	321	305	291	282	272	265	255	248	240	231	224	217	209	262	203	196	188	181	174	167	159	152	146	-	-	-	-	-	-	-	-	-	-
$140,522.34	$131,785.78																																																					

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CPVRR 2053	CPVRR Life		Dec-19	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069
$62,458.71	$63,458.71	Capital Alt		-	-	7,622	7,260	6,849	6,505	6,051	5,844	4,684	4,544	4,080	4,257	4,096	3,933	3,790	3,627	3,479	3,336	3,191	3,056	2,857	2,724	2,583	2,428	2,274	2,120	1,965	1,821	1,666	1,509	1,352	2,775	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
$2,230.02	$2,230.02	Property Taxes		-	-	184	179	171	170	168	159	153	147	142	134	129	121	116	106	99	91	84	75	319	282	282	266	266	251	236	198	188	188	188	142	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
$1,526.61	$1,526.61	Insurance		-	-	80	82	85	87	90	93	96	99	102	105	108	113	115	119	123	127	131	135	139	144	148	153	158	163	168	174	179	185	190	196	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
$9,210.77	$9,210.77	Capital Lease		-	-	374	520	516	498	479	459	439	419	399	379	360	340	320	300	280	260	240	220	200	180	160	140	120	100	80	60	40	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
$10,430.77	$10,430.77	O&M		-	-	575	583	596	610	629	677	693	710	726	748	761	779	797	856	840	854	874	895	916	942	960	982	1,006	1,030	1,060	1,080	1,106	1,133	1,160	1,194	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
$1,048.37	$1,048.37	Transm Cap Rtl		-	-	48	47	46	45	44	43	42	41	40	39	38	37	36	35	34	33	32	31	30	29	28	27	26	25	24	23	22	21	20	19	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2
$746.86	$746.86	Transm Prop Tx		-	-	44	45	46	48	49	50	52	54	56	58	60	62	64	66	68	71	73	75	78	80	83	86	89	92	95	98	102	105	109	113	117	121	125	129	134	138	143	148	153	158	163	169	174	180	186	192	198	205
$84.92	$88.55	Transm Prop Ins		-	-	4	4	4	4	5	5	5	5	5	5	6	6	6	6	6	7	7	7	7	8	8	8	8	9	9	9	9	10	10	10	11	11	11	12	12	12	13	-	-	-	-	-	-	-	-	-	-	-	-	-
$87,229.47	$87,288.76			-	-	9,156	8,638	8,296	7,951	7,618	7,451	6,322	6,189	5,646	5,907	5,773	5,630	5,488	5,369	5,214	5,063	4,943	4,803	4,917	4,761	4,638	4,479	4,314	4,203	4,067	3,954	3,824	3,705	3,586	5,007	138	132	126	121	115	110	104	98	93	105	-	-	-	-	-	-	-	-	-	-
		4% O&M S/Sw				12.78	12.96	13.24	13.56	13.98	15.04	15.40	15.78	16.13	16.62	16.91	17.31	17.71	19.02	18.67	18.98	19.42	19.89	20.36	20.93	21.33	21.82	22.36	22.89	23.56	24.00	24.58	25.18	25.78	26.53	-																			
						12.78																																																	
$10,430.77	$9,775.79	O&M		0	575	583	596	610	629	677	693	710	726	748	761	779	797	856	840	854	874	895	916	942	960	982	1,006	1,030	1,060	1,080	1,106	1,133	1,160	1,194	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
$72,491.06	$67,939.16	Generation Capital		0	8,200	7,648	7,266	6,957	6,658	6,444	5,290	5,140	4,991	4,841	4,705	4,556	4,407	4,259	4,110	3,977	3,828	3,679	3,783	3,606	3,479	3,301	3,161	2,993	2,853	2,707	2,568	2,417	2,277	3,670	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
$4,307.63	$4,092.71	Network Upgrades		0	418	407	395	383	371	361	349	339	329	318	307	296	284	274	263	252	241	229	218	207	200	192	186	179	174	167	160	155	149	143	138	132	126	121	115	110	104	98	93	105	-	-	-	-	-	-	-	-	-	-
$87,229.47	$81,807.66																																																				

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CPVRR 2053	CPVRR Life		Mar-30	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069
$92,917.56	$92,917.56	Capitol Wi		-	8,241	10,921	10,113	9,324	9,205	8,781	7,056	6,829	6,505	6,185	6,160	5,955	5,711	5,488	5,275	5,049	4,814	4,594	4,377	4,154	3,953	3,707	3,481	3,259	3,036	2,813	2,586	2,361	2,165	2,022	1,895	-	-	-	-															
$3,843.61	$3,843.61	Property Taxes		-	299	312	304	295	286	276	267	257	248	236	226	216	201	188	176	163	150	138	656	516	500	451	435	388	386	362	341	337	338	339	85	-	-	-	-															
$2,249.60	$2,249.60	Insurance		-	89	122	126	130	134	138	142	147	151	156	161	166	171	177	183	188	194	200	207	214	220	227	234	242	250	258	266	274	282	292	75																			
$0.00	$0.00	Capital Lease		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
$15,189.95	$15,189.95	O&M		-	658	899	911	931	956	982	1,003	1,027	1,054	1,081	1,103	1,132	1,157	1,221	1,231	1,243	1,270	1,304	1,333	1,368	1,402	1,433	1,466	1,506	1,544	1,578	1,620	1,657	1,697	1,743	439	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
$99,010.75	$92,793.58	Generation Capital		-	8,574	11,355	10,543	10,049	9,625	9,196	7,465	7,233	7,004	6,778	6,547	6,315	6,083	5,854	5,631	5,400	5,168	4,934	5,040	4,888	4,653	4,385	4,151	3,898	3,674	3,431	3,193	2,974	2,761	2,652	2,055	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
$7,382.93	$7,022.50	Network Upgrades		-	712	691	672	652	632	615	597	579	561	543	526	507	489	470	452	434	415	397	377	358	347	334	321	314	305	294	284	276	267	258	249	240	232	223	214	205	197	188	179	171	6									
$121,583.63	$116,052.21																																																				
		74.5 O&M S/Nw			8.83	11.93	12.23	12.49	12.83	13.18	13.47	13.78	14.15	14.51	14.81	15.19	15.52	16.39	16.53	16.68	17.05	17.51	17.90	18.36	18.82	19.23	19.68	20.21	20.73	21.19	21.74	22.25	22.78	23.40	5.89																			
					9,232	12,244	11,454	10,980	10,581	10,177	8,469	8,259	8,058	7,859	7,651	7,447	7,240	7,076	6,862	6,642	6,438	6,238	6,373	6,256	6,055	5,818	5,617	5,404	5,218	5,010	4,813	4,631	4,462	4,396	2,493	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
					9,232	12,244	11,454	10,980	10,581	10,177	8,469	8,258	8,058	7,859	7,651	7,447	7,240	7,076	6,862	6,642	6,438	6,238	6,373	6,256	6,055	5,818	5,617	5,404	5,218	5,010	4,813	4,631	4,462	4,396	2,439	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
$15,189.95	$14,236.13	O&M		0	658	889	911	931	956	982	1,003	1,027	1,054	1,081	1,103	1,132	1,157	1,221	1,231	1,243	1,270	1,304	1,333	1,368	1,402	1,433	1,466	1,506	1,544	1,578	1,620	1,657	1,697	1,743	439	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
$99,010.75	$92,793.58	Generation Capital		0	8,574	11,355	10,543	10,049	9,625	9,196	7,465	7,233	7,004	6,778	6,547	6,315	6,083	5,854	5,631	5,400	5,168	4,934	5,040	4,888	4,653	4,385	4,151	3,898	3,674	3,431	3,193	2,974	2,761	2,652	2,055	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
$7,382.93	$7,022.50	Network Upgrades		0	712	691	672	652	632	615	597	579	561	543	526	507	489	470	452	434	415	397	377	358	347	334	321	314	305	294	284	276	267	258	249	240	232	223	214	205	197	188	179	171	6									
$121,583.63	$116,052.21																																																			

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CPVRR 2021	CPVRR Life		Dec-20	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069
$107,074.77	$107,074.77	Capital RR		-	-	13,514	12,747	11,987	11,439	10,932	8,879	8,555	8,287	8,059	7,759	7,496	7,229	6,962	6,686	6,438	6,176	5,910	5,643	5,376	5,116	4,853	4,586	4,320	4,054	2,795	3,521	3,262	2,993	2,723	4,739	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	-	-	-	-	-	-	-	-	-
$1,225.94	$1,225.94	Property Taxes		-	-	434	424	417	407	397	387	377	367	356	343	333	319	306	292	278	265	251	763	678	611	611	543	543	492	492	458	491	441	345	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
$2,367.01	$2,367.01	Insurance		-	-	133	127	141	145	149	154	159	164	169	174	180	185	191	197	203	210	216	223	230	237	265	252	260	268	277	286	295	304	313	223	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
$0.00	$0.00	Capital Lease		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
$17,439.64	$17,439.64	O&M		-	-	1,027	1,046	1,073	1,095	1,125	1,209	1,234	1,263	1,297	1,328	1,354	1,390	1,419	1,503	1,496	1,521	1,517	1,598	1,632	1,676	1,715	1,751	1,793	1,841	1,885	1,926	1,977	2,020	2,069	2,130	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
$20,493.31	$20,831.32	Tranem Cap RR		-	-	2,112	2,056	1,994	1,934	1,877	1,821	1,766	1,714	1,662	1,610	1,559	1,507	1,455	1,404	1,352	1,301	1,249	1,197	1,146	1,094	1,047	1,000	976	940	910	877	846	811	778	745	712	679	646	613	579	546	513	480	447	413	-	-	-	-	-	-	-	-	-
$2,617.00	$2,656.08	Tranem Prop Tx		-	-	297	288	282	273	263	254	245	236	227	215	206	194	182	170	157	145	133	118	103	91	91	79	79	70	70	64	61	61	61	61	61	61	61	61	61	61	61	61	61	61	-	-	-	-	-	-	-	-	-
$415.64	$456.91	Tranem Prop Ins		-	-	22	23	24	24	25	26	27	27	28	29	30	31	32	33	34	35	36	37	38	39	40	42	43	44	45	47	48	50	51	53	54	56	58	59	61	63	65	67	69	71	-	-	-	-	-	-	-	-	-
$195,633.31	$166,051.07			-	-	17,539	16,721	15,918	15,298	14,768	12,729	12,362	12,057	11,918	11,458	11,157	10,855	10,547	10,294	9,959	9,662	9,352	9,579	9,203	8,864	8,603	8,262	8,015	7,713	7,474	7,188	6,928	6,479	6,436	8,396	827	796	764	733	702	670	639	608	577	595	-	-	-	-	-	-	-	-	-
		74.9	O&M $/kw	-	-	13.71	13.97	14.33	14.62	15.02	16.14	16.48	16.86	17.32	17.73	18.08	18.56	18.95	20.07	19.97	20.31	20.79	21.34	21.79	22.38	22.90	23.38	23.94	24.58	25.17	25.71	26.40	26.97	27.62	28.44	-	-																		
$17,439.64	$16,344.55	O&M	0	-		1,027	1,046	1,073	1,095	1,125	1,209	1,234	1,263	1,297	1,328	1,354	1,390	1,419	1,503	1,496	1,521	1,517	1,598	1,632	1,676	1,715	1,751	1,793	1,841	1,885	1,926	1,977	2,020	2,069	2,130	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
$116,667.73	$107,467.41	Generation Capital	0	-		14,081	13,308	12,545	11,972	11,479	9,420	9,091	8,817	8,544	8,276	8,008	7,710	7,459	7,185	6,920	6,651	6,377	6,629	6,284	5,964	5,708	5,381	5,123	4,814	4,564	4,275	3,998	3,738	3,477	5,407	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	-	-	-	-	-	-	-	-	-
$23,525.95	$22,640.78	Network Upgrades	0	-		2,431	2,367	2,300	2,232	2,165	2,100	2,038	1,977	1,917	1,855	1,795	1,732	1,669	1,607	1,543	1,480	1,418	1,352	1,287	1,224	1,178	1,110	1,098	1,057	1,026	988	953	922	890	858	827	796	764	733	702	670	639	608	577	595	-	-	-	-	-	-	-	-	-
$430,633.31	$346,253.78																																																				

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CPVRR 2051	CPVRR Life	Dec-20	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069
$96,733.52	$96,733.52	Capital RR	-	-	12,323	11,582	10,849	10,309	9,842	8,115	7,812	7,563	7,315	7,066	6,818	6,569	6,321	6,072	5,824	5,575	5,327	5,078	4,830	4,581	4,333	4,086	3,840	3,593	3,347	3,100	2,854	2,608	2,361	2,308	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
$4,360.22	$4,360.22	Property Taxes	-	-	368	358	350	339	329	318	307	296	285	270	260	245	230	216	201	187	172	721	630	557	557	485	485	430	430	394	376	376	376	282	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
$2,150.80	$2,150.80	Insurance	-	-	122	126	129	133	137	141	145	150	154	159	164	169	174	179	184	190	196	201	207	214	220	227	233	240	248	255	263	271	279	287	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
$4,750.10	$4,750.10	Capital Lease	-	-	363	363	363	363	363	370	370	370	370	370	370	370	370	370	370	377	377	377	377	377	385	385	385	385	385	392	392	392	392	392	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
$16,048.08	$16,048.08	O&M	-	-	940	957	983	1,002	1,031	1,111	1,134	1,161	1,193	1,222	1,246	1,280	1,306	1,388	1,379	1,402	1,435	1,474	1,505	1,546	1,583	1,617	1,656	1,701	1,743	1,781	1,829	1,869	1,915	1,973	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
$17,606.37	$17,898.07	Transm Cap RR	-	-	1,811	1,763	1,711	1,660	1,610	1,563	1,517	1,472	1,428	1,384	1,340	1,295	1,251	1,207	1,163	1,119	1,075	1,031	987	943	903	871	842	814	785	757	728	700	671	643	614	586	557	529	500	472	443	415	386	399	-	-	-	-	-	-	-	-	-	-
$2,426.43	$2,462.31	Transm Prop Tx	-	-	275	267	261	253	244	236	228	219	211	199	191	180	169	157	146	135	124	110	95	84	84	73	73	65	65	59	56	56	56	56	56	56	56	56	56	56	56	56	56	56	-	-	-	-	-	-	-	-	-	-
$355.79	$391.11	Transm Prop Ins	-	-	19	20	20	21	22	22	23	24	24	25	26	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	43	44	45	46	48	49	51	52	54	55	57	59	61	-	-	-	-	-	-	-	-	-	-
$144,431.30	$144,794.21		-	-	16,220	15,435	14,666	14,080	13,578	11,876	11,536	11,254	10,980	10,695	10,413	10,135	9,849	9,618	9,297	9,015	8,737	9,024	8,664	8,336	8,100	7,779	7,551	7,266	7,042	6,778	6,539	6,313	6,094	5,986	717	689	662	635	608	581	554	528	501	516	-	-	-	-	-	-	-	-	-	-
	74.9	O&M $/kw	-	-	12.55	12.78	13.12	13.38	13.77	14.83	15.14	15.50	15.93	16.32	16.64	17.09	17.44	18.53	18.41	18.72	19.16	19.68	20.09	20.64	21.13	21.59	22.11	22.71	23.27	23.78	24.42	24.95	25.57	26.34	-	-																		
$16,048.08	$15,040.37	O&M	0	-	940	957	983	1,002	1,031	1,111	1,134	1,161	1,193	1,222	1,246	1,280	1,306	1,388	1,379	1,402	1,435	1,474	1,505	1,546	1,583	1,617	1,656	1,701	1,743	1,781	1,829	1,869	1,915	1,973	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
$107,994.64	$101,213.34	Generation Capital	0	-	13,175	12,428	11,691	11,145	10,671	8,944	8,634	8,379	8,124	7,866	7,611	7,353	7,095	6,837	6,579	6,329	6,072	6,378	6,044	5,729	5,496	5,183	4,943	4,649	4,410	4,142	3,885	3,646	3,408	3,269	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
$20,388.58	$19,448.45	Network Upgrades	0	-	2,105	2,050	1,992	1,934	1,876	1,821	1,767	1,714	1,663	1,608	1,556	1,502	1,448	1,392	1,338	1,284	1,230	1,173	1,115	1,061	1,022	979	952	916	889	856	825	798	771	744	717	689	662	635	608	581	554	528	501	516	-	-	-	-	-	-	-	-	-	-
$144,431.30	$135,702.16																																																					

Twin Rivers - Capital Lease

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CPVRR 2054	CPVRR LIfe		Dec-21	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069
$102,171.48	$102,171.48	Capital RR		-	-	-	13,539	12,781	12,030	11,467	9,681	9,249	8,922	8,648	8,374	8,109	7,840	7,567	7,294	7,022	6,758	6,490	6,217	5,945	5,672	5,406	5,137	4,865	4,593	4,321	4,056	3,787	3,513	3,239	2,965	4,547	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	-	-	-	-	-	-	-	-	-
$4,164.13	$4,164.13	Property Taxes		-	-	-	370	361	355	346	337	328	319	310	301	288	279	267	255	243	231	218	206	665	589	529	529	468	468	422	422	392	377	377	377	297	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
$2,206.11	$2,206.11	Insurance		-	-	-	132	136	140	145	149	154	158	163	168	173	179	184	190	196	202	208	215	221	228	235	243	250	258	266	274	283	292	301	310	320	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
$0.00	$0.00	Capital Lease		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
$10,132.21	$10,132.21	O&M		-	-	-	625	634	649	664	685	752	770	788	807	831	845	865	886	949	933	950	972	995	1,019	1,048	1,068	1,094	1,120	1,147	1,180	1,204	1,233	1,263	1,294	1,331	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
$2,908.12	$2,956.32	Transm Cap RR		-	-	-	319	311	301	292	284	275	267	259	252	244	236	228	221	213	205	197	190	182	174	166	159	153	148	143	138	133	128	123	118	113	108	103	98	93	88	83	78	73	68	70	-	-	-	-	-	-	-	-
$332.17	$336.98	Transm Prop Tx		-	-	-	40	39	38	37	36	35	33	32	31	29	28	26	25	23	21	20	18	16	14	12	12	11	11	9	9	9	8	8	8	8	8	8	8	8	8	8	8	8	8	8	-	-	-	-	-	-	-	-
$58.75	$64.58	Transm Prop Ins		-	-	-	3	3	4	4	4	4	4	4	4	4	4	5	5	5	5	5	5	5	6	6	6	6	6	7	7	7	7	7	8	8	8	8	9	9	9	9	10	10	10	11	-	-	-	-	-	-	-	-
$121,972.97	$122,031.80			-	-	-	15,029	14,266	13,517	12,955	11,176	10,797	10,473	10,204	9,937	9,679	9,411	9,142	8,875	8,650	8,355	8,090	7,823	8,030	7,702	7,402	7,154	6,848	6,605	6,316	6,087	5,815	5,558	5,318	5,079	6,624	124	120	115	110	105	101	96	91	86	89	-	-	-	-	-	-	-	-
	74.5	O&M $/kw		-	-	-	8.39	8.51	8.71	8.91	9.19	10.09	10.34	10.58	10.83	11.15	11.34	11.61	11.89	12.74	12.52	12.75	13.05	13.36	13.68	14.07	14.34	14.68	15.03	15.40	15.84	16.16	16.55	16.95	17.37	17.87	-																	
$10,132.21	$9,495.98	O&M	0	-	-		625	634	649	664	685	752	770	788	807	831	845	865	886	949	933	950	972	995	1,019	1,048	1,068	1,094	1,120	1,147	1,180	1,204	1,233	1,263	1,294	1,331	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
$108,541.72	$101,726.07	Generation Capital	0	-	-		14,042	13,279	12,525	11,957	10,167	9,731	9,399	9,120	8,843	8,570	8,298	8,018	7,739	7,460	7,191	6,917	6,638	6,831	6,489	6,170	5,909	5,583	5,319	5,009	4,753	4,462	4,182	3,917	3,651	5,163	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	-	-	-	-	-	-	-	-	-
$3,299.04	$3,147.03	Network Upgrades	0	-	-		362	353	343	333	324	314	304	296	287	277	269	259	250	241	231	223	213	203	194	184	177	171	166	159	154	149	144	139	134	129	124	120	115	110	105	101	96	91	86	89	-	-	-	-	-	-	-	-
$121,972.97	$114,369.08																																																				

Duette - land owned

CONFIDENTIAL

CPVRR 2023	CPVRR Life		Dec-31	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069
$89,888.84	$89,888.84	Capital RR		-	-	-	12,143	11,421	10,705	10,175	9,499	8,099	7,852	7,558	7,255	7,079	6,841	6,598	6,355	6,113	5,880	5,642	5,399	5,156	4,916	4,676	4,440	4,198	3,957	3,756	3,482	3,244	3,001	2,757	2,534	4,135	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	-	-	-	-	-	-	-	-
$3,360.99	$3,360.99	Property Taxes		-	-	-	308	295	288	279	270	261	252	242	233	220	211	199	186	174	162	149	137	604	526	464	464	403	450	356	356	325	310	310	310	233	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
$1,992.10	$1,992.10	Insurance		-	-	-	119	123	127	130	134	139	143	147	152	156	161	166	171	177	182	188	194	200	206	213	219	226	233	240	248	256	264	272	280	289	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
$6,838.99	$6,838.99	Capital Lease		-	-	-	436	447	458	469	481	493	505	518	531	544	558	572	586	601	616	631	647	663	679	696	714	732	750	769	788	808	828	849	870	891	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
$8,292.96	$8,292.96	O&M		-	-	-	525	530	541	551	567	630	643	656	670	689	698	712	727	784	761	772	788	804	820	842	854	872	890	909	933	947	967	988	1,009	1,035	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
$19,360.59	$19,790.49	Tramm Cap RR		-	-	-	2,111	2,057	1,997	1,939	1,883	1,829	1,777	1,726	1,676	1,626	1,577	1,527	1,477	1,428	1,378	1,328	1,278	1,229	1,179	1,130	1,084	1,048	1,017	986	954	923	892	860	829	798	766	735	704	673	641	610	579	547	516	485	-	-	-	-	-	-	-	-
$2,122.64	$2,363.86	Tramm Prop Tx		-	-	-	282	273	267	259	250	242	233	224	216	204	196	184	173	161	150	138	127	112	98	86	86	75	75	66	66	60	58	58	58	58	58	58	58	58	58	58	58	58	58	58	-	-	-	-	-	-	-	-
$388.83	$434.52	Tramm Prop Ins		-	-	-	23	23	24	25	26	26	27	28	29	30	30	31	32	33	34	35	36	37	39	40	41	42	43	45	46	47	49	50	52	53	55	57	58	60	62	64	66	68	70	72	-	-	-	-	-	-	-	-
$132,415.93	$132,912.74			-	-	-	15,943	15,168	14,407	13,827	12,110	11,718	11,181	11,099	10,821	10,549	10,372	9,988	9,709	9,471	9,163	8,884	8,607	8,805	8,461	8,149	7,903	7,597	7,369	7,087	6,874	6,610	6,368	6,145	5,922	7,492	870	850	820	791	761	732	702	673	644	615	-	-	-	-	-	-	-	-
	74.9	O&M $/kw		-	-	-	7.01	7.08	7.22	7.36	7.57	8.41	8.58	8.76	8.95	9.20	9.32	9.51	9.71	10.47	10.16	10.31	10.52	10.73	10.95	11.26	11.40	11.64	11.88	12.14	12.46	12.64	12.91	13.19	13.47	13.82	-																		
$8,292.96	$7,772.22	O&M	0	-	-	-	525	530	541	551	567	630	643	656	670	689	698	712	727	784	761	772	788	804	820	842	854	872	890	909	933	947	967	988	1,009	1,035	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
$102,050.91	$95,642.84	Generation Capital	0	-	-	-	13,002	12,286	11,578	11,054	9,384	8,991	8,701	8,465	8,230	8,000	7,775	7,535	7,299	7,065	6,840	6,610	6,377	6,619	6,325	6,052	5,838	5,559	5,343	5,082	4,874	4,633	4,402	4,188	3,978	5,548	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	-	-	-	-	-	-	-	-
122,072.06	$21,170.45	Network Upgrades	0	-	-	-	2,415	2,353	2,288	2,223	2,158	2,097	2,037	1,978	1,921	1,860	1,803	1,742	1,683	1,622	1,562	1,501	1,442	1,378	1,316	1,255	1,211	1,165	1,135	1,096	1,066	1,030	999	969	939	909	879	850	820	791	761	732	702	673	644	615	-	-	-	-	-	-	-	-
$132,415.93	$124,585.51																																																					

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CPVRR 2023	CPVRR Life		Dec-31	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069
$77,686.64	$77,686.64	Capital RR		-	-	-	10,291	9,717	9,147	8,719	7,370	7,041	6,791	6,582	6,373	6,170	5,964	5,755	5,547	5,339	5,137	4,933	4,724	4,516	4,307	4,104	3,899	3,691	3,484	3,277	3,075	2,870	2,662	2,453	2,244	2,451	0	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	-	-	-	-	-	-	-	-	-
$4,565.38	$4,565.38	Property Taxes		-	-	-	406	396	389	379	370	360	350	340	330	316	306	293	280	267	253	240	227	728	645	579	579	512	512	462	462	429	413	413	413	326	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
$1,475.40	$1,475.40	Insurance		-	-	-	100	103	107	110	113	117	120	124	128	132	136	140	144	149	153	158	163	168	173	179	184	190	196	202	208	215	222	228	235	243	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
$0.00	$0.00	Capital Lease		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
$8,300.29	$8,300.29	O&M		-	-	-	514	521	534	546	563	615	629	645	660	679	691	708	725	774	763	778	796	815	834	858	874	895	917	939	966	986	1,010	1,035	1,060	1,090	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
$6,088.84	$6,212.84	Tranen Cap RR		-	-	-	671	653	634	615	596	579	562	545	529	512	496	480	464	447	431	415	398	382	366	349	334	322	312	301	291	280	270	259	249	238	227	217	206	196	185	175	164	154	143	148	-	-	-	-	-	-	-	-	-
$961.95	$986.13	Tranen Prop Tx		-	-	-	117	114	112	108	104	101	97	94	90	85	82	77	72	67	63	57	53	47	41	36	36	31	31	27	27	25	24	24	24	24	24	24	24	24	24	24	24	24	24	24	-	-	-	-	-	-	-	-	-
$121.49	$130.76	Tranen Prop Ins		-	-	-	7	7	8	8	8	8	8	9	9	9	10	10	10	10	11	11	11	12	12	12	13	13	14	14	14	15	15	16	16	17	17	18	18	19	19	20	21	21	22	22	-	-	-	-	-	-	-	-	-
$99,606.98	$99,562.44			-	-	-	12,106	11,512	10,929	10,486	9,124	8,820	8,568	8,337	8,117	7,904	7,685	7,663	7,241	7,053	6,812	6,592	6,372	6,647	6,378	6,117	5,920	5,656	5,466	5,223	5,044	4,821	4,615	4,428	4,241	5,388	269	259	249	239	229	219	209	199	189	195	-	-	-	-	-	-	-	-	-
	56.6	O&M S/Nw		-	-	-	9.08	9.21	9.43	9.65	9.95	10.87	11.12	11.39	11.66	12.00	12.22	12.51	12.80	13.67	13.48	13.74	14.06	14.39	14.74	15.15	15.45	15.82	16.21	16.60	17.06	17.42	17.84	18.28	18.73	19.25	-																		
	74.9																																																			
	0.76																																																			
$8,300.29	$7,779.09	O&M	0	-	-	-	514	521	534	546	563	615	629	645	660	679	691	708	725	774	763	778	796	815	834	858	874	895	917	939	966	986	1,010	1,035	1,060	1,090	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
$83,927.41	$78,637.37	Generation Capital	0	-	-	-	10,798	10,216	9,643	9,208	7,822	7,517	7,261	7,045	6,830	6,618	6,406	6,188	5,971	5,754	5,549	5,331	5,116	5,412	5,135	4,862	4,662	4,394	4,193	3,942	3,746	3,535	3,296	3,094	2,892	4,019	0	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	-	-	-	-	-	-	-	-	-
$7,170.27	$6,874.17	Network Upgrades	0	-	-	-	795	774	753	731	709	688	668	648	628	607	587	567	545	525	504	483	463	441	419	398	384	367	356	343	332	320	309	299	289	279	269	259	249	239	229	219	209	199	189	195	-	-	-	-	-	-	-	-	-
$99,400.98	$93,310.63																																																				

Archer - land owned

CONFIDENTIAL

CPVRR 2011	CPVRR Life	Jan-22	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069
$191,269.08	$191,269.08	Capitol Wk	-	-	-	25,308	22,804	22,212	21,210	20,205	17,552	16,068	15,985	15,483	14,997	14,505	14,004	13,504	13,004	12,524	12,023	11,535	11,036	10,541	10,056	9,570	9,075	8,581	8,086	7,605	7,116	6,618	6,119	5,618	5,711	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
$8,026.71	$8,026.71	Property Taxes	-	-	-	689	668	654	633	611	590	569	548	527	499	478	458	422	394	365	337	1,546	1,371	1,195	1,054	1,054	916	916	808	808	738	703	703	703	766	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
$4,177.11	$4,177.11	Insurance	-	-	-	253	259	266	273	282	291	299	309	318	328	338	349	360	371	383	394	407	419	432	446	460	474	489	504	520	536	553	570	587	605	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
$14,495.00	$14,495.00	Capital Lease	-	-	-	534	542	1,376	1,404	1,432	1,461	1,490	1,520	1,551	1,582	1,613	1,645	1,677	1,710	1,743	1,777	1,811	1,846	1,881	1,917	1,954	1,991	2,029	2,068	2,108	2,148	2,189	2,231	2,274	2,317	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
$19,849.06	$19,849.08	O&M	-	-	-	1,228	1,266	1,274	1,304	1,344	1,378	1,513	1,548	1,585	1,632	1,660	1,699	1,739	1,865	1,831	1,864	1,908	1,953	1,999	2,056	2,085	2,145	2,196	2,249	2,313	2,359	2,416	2,475	2,535	2,607	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
$1,902.57	$2,053.85	Transm Prop Ta	-	-	-	158	158	158	158	158	158	158	158	158	158	158	158	158	158	158	158	158	158	158	158	158	158	158	158	158	158	158	158	158	158	874	838	803	767	731	696	660	624	588	553	-	-	-	-	-	-	-	-	-	-
$426.02	$493.31	Transm Prop Ins	-	-	-	26	27	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	43	44	45	47	48	49	51	52	54	56	57	59	61	63	64	66	68	70	72	75	77	79	82	-	-	-	-	-	-	-	-	-	-
$258,913.82	$259,831.06		-	-	-	30,858	29,206	27,776	26,626	25,670	22,577	21,940	21,617	21,417	20,896	20,396	19,878	19,357	18,827	18,455	17,853	17,324	18,073	17,496	16,810	16,258	15,859	15,237	14,789	14,248	13,858	13,333	12,865	12,455	12,006	11,186	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		$/MMBtu	O&M $/kw			-	-	8.20	8.32	8.51	8.70	8.97	9.86	10.10	10.34	10.58	10.90	11.08	11.34	11.61	12.45	12.23	12.44	12.74	13.06	13.34	13.73	13.99	14.32	14.66	15.05	15.44	15.75	16.13	16.52	16.93	17.41	-																			
						-	-	28,278	26,795	25,341	24,272	23,376	20,948	19,774	19,213	18,854	18,457	17,961	17,501	17,043	16,673	16,162	15,711	14,499	15,906	15,315	14,786	14,373	13,825	13,422	12,914	12,539	12,068	11,634	11,238	10,843	14,057	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
$117,618.68	$125,499					-	-	14,139	13,397	12,671	12,136	11,688	10,174	9,887	9,606	9,427	9,228	8,980	8,750	8,522	8,336	8,081	7,855	8,250	7,953	7,657	7,393	7,186	6,913	6,711	6,457	6,270	6,034	5,817	5,619	5,422	7,028	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
$19,889.08	$19,889.08	O&M			0	-	-	1,228	1,266	1,274	1,304	1,344	1,378	1,513	1,548	1,585	1,632	1,660	1,699	1,739	1,865	1,831	1,864	1,908	1,953	1,999	2,056	2,085	2,145	2,196	2,249	2,313	2,359	2,416	2,475	2,535	2,607	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
$215,348.30	$215,348.30	Generation Capital			0	-	-	27,050	25,549	24,067	22,969	22,033	18,871	18,262	17,765	17,269	16,784	16,300	15,802	15,304	14,808	14,331	13,847	14,591	13,953	13,356	12,729	12,278	11,680	11,225	10,665	10,226	9,709	9,218	8,763	8,308	11,449	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
$23,676.44	$24,193.68	Network Upgrades			0	-	-	2,580	2,512	2,436	2,363	2,294	2,228	2,166	2,104	2,042	1,980	1,918	1,856	1,794	1,732	1,670	1,615	1,574	1,539	1,505	1,471	1,436	1,402	1,368	1,333	1,299	1,265	1,231	1,197	1,163	1,129	1,095	1,061	1,028	994	960	927	893	860	826	793	-	-	-	-	-	-	-	-
$258,913.82	$259,831.06																																																					
		$/LB				-	-	1,290	1,256	1,218	1,181	1,147	1,114	1,083	1,052	1,021	990	959	928	897	866	835	808	787	770	752	735	718	701	684	667	650	633	616	598	582	565	548	531	514	497	480	463	447	430	413	396	-	-	-	-	-	-	-	-
								30,858	87,071	138,321	131,341	125,328	112,373	108,557	105,490	102,877	100,513	98,179	95,848	93,474	91,186	88,937	86,648	90,573	87,772	84,962	82,175	79,628	77,276	75,021	72,691	70,559	68,397	66,332	64,197	62,201	63,884	54,391	31,274																				
	$1,140,298	1140.298284						30,858	87,071	138,321	131,341	125,328	112,373	108,557	105,490	102,877	100,513	98,179	95,848	93,474	91,186	88,937	86,648	90,573	87,772	84,962	82,175	79,628	77,276	75,021	72,691	70,559	68,397	66,332	64,197	62,201	63,884	54,391	31,274	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		2,728.34				30.9	87.1	138.3	131.3	125.3	112.4	108.6	105.5	102.9	100.5	98.2	95.8	93.5	91.2	88.9	86.6	90.6	87.8	85.0	82.2	79.6	77.3	75.0	72.7	70.6	68.4	66.3	64.2	62.2	63.9	54.4	31.3																				
			1.07	1.00	0.94	0.88	0.82	0.77	0.72	0.68	0.64	0.60	0.56	0.52	0.49	0.46	0.43	0.40	0.38	0.35	0.33	0.31	0.29	0.27	0.26	0.24	0.23	0.21	0.20	0.19	0.17	0.16	0.15	0.14	0.13	0.12	0.11	0.10	0.10	0.09	0.09	0.08	0.07	0.07								

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CPVRR 2052	CPVRR Life		Jan-23	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069
$328,328.76	$328,328.76	Capital RR		-	-	-	-	46,812	43,957	41,125	39,044	33,106	31,552	30,412	29,487	28,564	27,674	26,771	25,851	24,933	24,015	23,132	22,235	21,321	20,408	19,494	18,610	17,714	16,805	15,898	14,989	14,110	13,214	12,298	11,381	10,462	16,702	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
$14,738.40	$14,738.40	Property Taxes		-	-	-	-	1,278	1,239	1,213	1,174	1,135	1,096	1,056	1,017	978	926	887	835	783	730	678	3,130	2,869	2,543	2,217	1,956	1,956	1,695	1,695	1,500	1,500	1,369	1,304	1,304	1,304	1,304	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
$7,269.33	$7,269.33	Insurance		-	-	-	-	464	478	493	507	523	539	556	573	590	609	628	647	667	688	710	732	755	779	803	829	854	881	908	937	967	997	1,028	1,059	1,092	1,127	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
$22,704.61	$22,704.61	Capital Lease		-	-	-	-	1,639	1,672	1,705	1,740	1,774	1,810	1,846	1,883	1,921	1,959	1,998	2,038	2,079	2,121	2,163	2,206	2,250	2,295	2,341	2,388	2,436	2,485	2,534	2,585	2,637	2,689	2,743	2,798	2,854	2,911	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
$37,851.13	$37,851.13	O&M		-	-	-	-	2,494	2,531	2,589	2,649	2,730	2,999	3,070	3,143	3,217	3,313	3,370	3,449	3,530	3,783	3,718	3,785	3,874	3,965	4,059	4,176	4,255	4,356	4,461	4,568	4,698	4,792	4,908	5,028	5,150	5,297	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
$39,119.26	$40,392.76	Transm Cap RR		-	-	-	-	4,703	4,565	4,410	4,264	4,126	3,994	3,868	3,743	3,617	3,492	3,367	3,242	3,117	2,992	2,867	2,756	2,672	2,603	2,533	2,464	2,394	2,325	2,256	2,186	2,117	2,047	1,978	1,908	1,839	1,769	1,700	1,631	1,561	1,492	1,422	1,353	1,283	1,214	1,145	1,075	-	-	-	-	-	-
$3,637.53	$3,926.94	Transm Prop Tx		-	-	-	-	324	324	324	324	324	324	324	324	324	324	324	324	324	324	324	324	324	324	324	324	324	324	324	324	324	324	324	324	324	324	324	324	324	324	324	324	324	324	324	324	-	-	-	-	-	-
$785.90	$910.02	Transm Prop Ins		-	-	-	-	51	52	54	55	57	59	61	62	64	66	68	70	72	74	77	79	81	84	86	89	92	94	97	100	103	106	109	113	116	119	123	127	131	134	138	143	147	151	156	161	-	-	-	-	-	-
$454,434.91	$456,121.95			-	-	-	-	57,765	54,818	51,913	49,757	43,775	42,372	41,192	40,231	39,276	38,364	37,413	36,457	35,505	34,727	33,669	35,247	34,147	33,001	31,858	30,835	30,025	28,965	28,173	27,189	26,455	25,538	24,692	23,915	23,141	29,554																		
		299.6 O&M $/kw			-	-	-	8.32	8.45	8.64	8.84	9.11	10.01	10.25	10.49	10.74	11.06	11.25	11.51	11.78	12.63	12.41	12.63	12.93	13.24	13.55	13.94	14.20	14.54	14.89	15.25	15.68	15.99	16.38	16.78	17.19	17.68	0																	
					-	-	-	52,688	49,877	47,125	45,114	39,268	37,995	36,940	36,103	35,271	34,481	33,654	32,821	31,992	31,337	30,402	32,089	31,069	29,990	28,915	27,959	27,215	26,222	25,497	24,579	23,911	23,061	22,281	21,570	20,862	27,341	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
$102,723.05	$116,949.07	116,949			-	-	-	13,172	12,469	11,781	11,278	9,817	9,499	9,235	9,026	8,818	8,620	8,414	8,205	7,998	7,834	7,600	8,022	7,767	7,498	7,229	6,990	6,804	6,556	6,374	6,145	5,978	5,765	5,570	5,392	5,216	6,835																		
$37,851.13	$35,474.35	O&M		0	-	-	-	2,494	2,531	2,589	2,649	2,730	2,999	3,070	3,143	3,217	3,313	3,370	3,449	3,530	3,783	3,718	3,785	3,874	3,965	4,059	4,176	4,255	4,356	4,461	4,568	4,698	4,792	4,908	5,028	5,150	5,297	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
$373,041.09	$349,616.77	Generation Capital		0	-	-	-	50,194	47,347	44,536	42,465	36,538	34,996	33,870	32,960	32,054	31,168	30,284	29,371	28,462	27,554	26,684	28,304	27,195	26,025	24,855	23,783	22,960	21,866	21,036	20,011	19,213	18,269	17,373	16,542	15,712	22,044	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
$43,542.69	$42,389.62	Network Upgrades		0	-	-	-	5,077	4,941	4,788	4,643	4,507	4,377	4,252	4,129	4,005	3,882	3,759	3,636	3,513	3,390	3,267	3,158	3,077	3,010	2,943	2,876	2,810	2,743	2,676	2,610	2,543	2,477	2,411	2,345	2,279	2,213	2,147	2,081	2,015	1,950	1,885	1,819	1,754	1,689	1,624	1,559	-	-	-			
$454,434.91	$427,480.74																																																			
	$12,873		12,873		-	-	-	1,269	1,235	1,197	1,161	1,127	1,094	1,063	1,032	1,001	971	940	909	878	848	817	790	769	753	736	719	702	686	669	652	636	619	603	586	570	553	537	520	504	487	471	455	439	422	406	390	-	-	-	-	-	-

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CPVRR 2053	CPVRR Life		Jan-24	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069
$306,953.79	$306,953.79	Capital RR		-	-	-	-	-	44,668	41,826	39,008	35,203	33,470	31,955	30,863	29,989	29,119	28,280	27,429	26,561	25,695	24,829	23,998	23,153	22,291	21,430	20,568	19,736	18,893	18,036	17,183	16,327	15,501	14,658	13,795	12,931	12,065	18,328	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
$14,072.30	$14,072.30	Property Taxes		-	-	-	-	-	1,227	1,190	1,165	1,127	1,089	1,052	1,014	977	939	889	851	801	751	701	3,256	3,005	2,755	2,442	2,129	1,878	1,878	1,628	1,628	1,440	1,440	1,315	1,252	1,252	1,252	1,252	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
$6,543.60	$6,543.60	Insurance		-	-	-	-	-	446	459	473	487	502	518	534	550	567	585	603	622	641	661	682	704	725	748	771	796	821	847	873	900	929	958	988	1,018	1,050	1,083	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
$21,704.50	$21,704.50	Capital Lease		-	-	-	-	-	1,672	1,705	1,740	1,774	1,810	1,846	1,883	1,921	1,959	1,998	2,038	2,079	2,121	2,163	2,206	2,250	2,295	2,341	2,388	2,436	2,485	2,534	2,585	2,637	2,689	2,743	2,798	2,854	2,911	2,969	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
$36,050.68	$36,050.68	O&M		-	-	-	-	-	2,536	2,573	2,633	2,694	2,776	3,046	3,119	3,193	3,268	3,365	3,424	3,504	3,587	3,841	3,777	3,846	3,937	4,030	4,125	4,243	4,324	4,427	4,534	4,643	4,775	4,871	4,989	5,111	5,236	5,384	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
$37,396.11	$38,613.51	Tranim Cap RR		-	-	-	-	-	4,797	4,656	4,498	4,349	4,208	4,074	3,945	3,817	3,690	3,562	3,435	3,307	3,179	3,052	2,924	2,811	2,726	2,655	2,584	2,513	2,442	2,372	2,301	2,230	2,159	2,088	2,017	1,947	1,876	1,805	1,734	1,663	1,592	1,522	1,451	1,380	1,309	1,238	1,167	1,097	-	-	-	-	-	-
$1,477.30	$3,753.97	Transm Prop Tx		-	-	-	-	-	330	330	330	330	330	330	330	330	330	330	330	330	330	330	330	330	330	330	330	330	330	330	330	330	330	330	330	330	330	330	330	330	330	330	330	330	330	330	330	330	-	-	-	-	-	-
$751.28	$869.94	Transm Prop Ins		-	-	-	-	-	52	53	55	56	58	60	62	64	65	67	69	72	74	76	78	81	83	85	88	91	93	96	99	102	105	108	112	115	118	122	125	129	133	137	141	145	150	154	159	164	-	-	-	-	-	-
$426,949.56	$428,562.29			-	-	-	-	-	55,727	52,793	49,901	46,021	44,244	42,881	41,749	40,840	39,937	39,078	38,180	37,277	36,378	35,653	37,252	36,180	35,142	34,061	32,984	32,024	31,266	30,270	29,532	28,609	27,928	27,071	26,281	25,558	24,838	31,274																
		299.6 O&M $/kw		-	-	-	-	-	8.46	8.59	8.79	8.99	9.27	10.17	10.41	10.66	10.91	11.23	11.43	11.70	11.97	12.82	12.61	12.84	13.14	13.45	13.77	14.16	14.43	14.78	15.13	15.50	15.94	16.26	16.65	17.06	17.48	17.97	-																
				-	-	-	-	-	50,546	47,754	45,018	41,285	39,648	38,416	37,412	36,629	35,852	35,118	34,346	33,568	32,794	32,195	33,920	32,958	32,003	30,991	29,982	29,090	28,400	27,472	26,802	25,947	25,334	24,544	23,822	23,166	22,513	29,017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
$96,331.22	$117,020.06	117,020		-	-	-	-	-	12,637	11,938	11,254	10,321	9,912	9,604	9,353	9,157	8,963	8,779	8,586	8,392	8,199	8,049	8,480	8,240	8,001	7,748	7,495	7,272	7,100	6,868	6,701	6,487	6,334	6,136	5,955	5,791	5,628	7,254																
$36,050.68	$33,786.96	O&M		-	-	-	-	-	2,536	2,573	2,633	2,694	2,776	3,046	3,119	3,193	3,268	3,365	3,424	3,504	3,587	3,841	3,777	3,846	3,937	4,030	4,125	4,243	4,324	4,427	4,534	4,643	4,775	4,871	4,989	5,111	5,236	5,384	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
$349,274.19	$327,342.26	Generation Capital		-	-	-	-	-	48,013	45,181	42,385	38,592	36,872	35,370	34,293	33,437	32,584	31,753	30,922	30,063	29,208	28,354	30,143	29,112	28,066	26,961	25,857	24,847	24,076	23,045	22,268	21,304	20,559	19,673	18,833	18,055	17,278	23,633	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
$43,624.69	$40,522.42	Network Upgrades		-	-	-	-	-	5,179	5,040	4,883	4,736	4,597	4,464	4,337	4,211	4,086	3,960	3,834	3,709	3,583	3,458	3,332	3,221	3,139	3,070	3,002	2,934	2,866	2,798	2,730	2,662	2,594	2,527	2,459	2,392	2,324	2,257	2,190	2,123	2,056	1,989	1,922	1,856	1,789	1,723	1,657	1,591	-	-				
$426,949.56	$401,651.63																																																			
	$13,131	13,131		-	-	-	-	-	1,295	1,260	1,221	1,184	1,149	1,116	1,084	1,053	1,021	990	959	927	896	864	833	805	785	768	751	734	716	699	682	666	649	632	615	598	581	564	547	531	514	497	481	464	447	431	414	398	-	-	-	-	-	-

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CPVRR Through Year 2053 $M 2020$	SoBra700	Clean Energy Connection	Clean Energy Connection Savings	
2022 Solar Together - Generation Capital		191.3	(191.3)	(1,140.3)
2022 Solar Together - Generation Property Taxes		8.0	(8.0)	
2022 Solar Together - Generation Insurance		4.2	(4.2)	
2022 Solar Together - Generation Lease		11.9	(11.9)	
2022 Solar Together - Generation O&M		19.9	(19.9)	
2022 Solar Together - Transmission Capital		21.3	(21.3)	
2022 Solar Together - Transmission Property Taxes		1.9	(1.9)	
2022 Solar Together - Transmission Insurance		0.4	(0.4)	
2023 Solar Together - Generation Capital		328.3	(328.3)	
2023 Solar Together - Generation Property Taxes		14.7	(14.7)	
2023 Solar Together - Generation Insurance		7.3	(7.3)	
2023 Solar Together - Generation Lease		22.7	(22.7)	
2023 Solar Together - Generation O&M		37.9	(37.9)	
2023 Solar Together - Transmission Capital		39.1	(39.1)	
2023 Solar Together - Transmission Property Taxes		3.6	(3.6)	
2023 Solar Together - Transmission Insurance		0.8	(0.8)	
2024 Solar Together - Generation Capital		307.0	(307.0)	
2024 Solar Together - Generation Property Taxes		14.1	(14.1)	
2024 Solar Together - Generation Insurance		6.5	(6.5)	
2024 Solar Together - Generation Lease		21.7	(21.7)	
2024 Solar Together - Generation O&M		36.1	(36.1)	
2024 Solar Together - Transmission Capital		37.4	(37.4)	
2024 Solar Together - Transmission Property Taxes		3.5	(3.5)	
2024 Solar Together - Transmission Insurance		0.8	(0.8)	
Santa_Fe - Generation Capital	107.1	107.1	-	-
Santa_Fe - Generation Property Taxes	5.2	5.2	-	
Santa_Fe - Generation Insurance	2.4	2.4	-	
Santa_Fe - Generation Lease	-	-	-	
Santa_Fe - Generation O&M	17.4	17.4	-	
Santa_Fe - Transmission Capital	20.5	20.5	-	
Santa_Fe - Transmission Property Taxes	2.6	2.6	-	
Santa_Fe - Transmission Insurance	0.4	0.4	-	
Twin_Rivers - Generation Capital	96.7	96.7	-	-
Twin_Rivers - Generation Property Taxes	4.4	4.4	-	
Twin_Rivers - Generation Insurance	2.2	2.2	-	
Twin_Rivers - Generation Lease	4.8	4.8	-	
Twin_Rivers - Generation O&M	16.0	16.0	-	
Twin_Rivers - Transmission Capital	17.6	17.6	-	
Twin_Rivers - Transmission Property Taxes	2.4	2.4	-	
Twin_Rivers - Transmission Insurance	0.4	0.4	-	
Duette - Generation Capital	102.2	102.2	-	-
Duette - Generation Property Taxes	4.2	4.2	-	
Duette - Generation Insurance	2.2	2.2	-	
Duette - Generation Lease	-	-	-	
Duette - Generation O&M	10.1	10.1	-	
Duette - Transmission Capital	2.9	2.9	-	
Duette - Transmission Property Taxes	0.3	0.3	-	
Duette - Transmission Insurance	0.1	0.1	-	
Charlie Creek - Generation Capital	89.9	89.9	-	-
Charlie Creek - Generation Property Taxes	3.4	3.4	-	
Charlie Creek - Generation Insurance	2.0	2.0	-	
Charlie Creek - Generation Lease	6.8	6.8	-	
Charlie Creek - Generation O&M	8.3	8.3	-	
Charlie Creek - Transmission Capital	19.4	19.4	-	
Charlie Creek - Transmission Property Taxes	2.3	2.3	-	
Charlie Creek - Transmission Insurance	0.4	0.4	-	
Archer - Generation Capital	77.7	77.7	-	-
Archer - Generation Property Taxes	4.6	4.6	-	
Archer - Generation Insurance	1.7	1.7	-	
Archer - Generation Lease	-	-	-	
Archer - Generation O&M	8.3	8.3	-	
Archer - Transmission Capital	6.1	6.1	-	
Archer - Transmission Property Taxes	1.0	1.0	-	
Archer - Transmission Insurance	0.1	0.1	-	
Trenton - Generation Capital	104.6	104.6	-	
Trenton - Generation Property Taxes	4.3	4.3	-	

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Trenton - Generation Insurance	2.5	2.5	-	
Trenton - Generation Lease	4.8	4.8	-	
Trenton - Generation O&M	18.3	18.3	-	
Trenton - Transmission Capital	5.3	5.3	-	
Trenton - Transmission Property Taxes	0.5	0.5	-	
Trenton - Transmission Insurance	0.1	0.1	-	
Lake Placid - Generation Capital	63.5	63.5	-	
Lake Placid - Generation Property Taxes	2.2	2.2	-	
Lake Placid - Generation Insurance	1.5	1.5	-	
Lake Placid - Generation Lease	5.3	5.3	-	
Lake Placid - Generation O&M	10.4	10.4	-	
Lake Placid - Transmission Capital	3.8	3.8	-	
Lake Placid - Transmission Property Taxes	0.4	0.4	-	
Lake Placid - Transmission Insurance	0.1	0.1	-	
Debary - Generation Capital	92.9	92.9	-	
Debary - Generation Property Taxes	3.8	3.8	-	
Debary - Generation Insurance	2.2	2.2	-	
Debary - Generation Lease	-	-	-	
Debary - Generation O&M	15.2	15.2	-	
Debary - Transmission Capital	6.4	6.4	-	
Debary - Transmission Property Taxes	0.9	0.9	-	
Debary - Transmission Insurance	0.1	0.1	-	
Hamilton - Generation Capital	109.0	109.0	-	
Hamilton - Generation Property Taxes	11.0	11.0	-	
Hamilton - Generation Insurance	2.9	2.9	-	
Hamilton - Generation Lease	5.7	5.7	-	
Hamilton - Generation O&M	19.5	19.5	-	
Hamilton - Transmission Capital	8.5	8.5	-	
Hamilton - Transmission Property Taxes	1.4	1.4	-	
Hamilton - Transmission Insurance	3.5	3.5	-	
Columbia - Generation Capital	114.3	114.3	-	
Columbia - Generation Property Taxes	4.1	4.1	-	
Columbia - Generation Insurance	2.7	2.7	-	
Columbia - Generation Lease	6.5	6.5	-	
Columbia - Generation O&M	14.2	14.2	-	
Columbia - Transmission Capital	9.4	9.4	-	
Columbia - Transmission Property Taxes	0.9	0.9	-	
Columbia - Transmission Insurance	3.6	3.6	-	
Conventional Generation - Generation Capital	1,740	1,582	158.7	353
Conventional Generation - Transmission Capital	1,987	1,958	28.9	
Conventional Generation - Gas Reservation Charges	6,924	6,770	153.9	
Conventional Generation - FOM	131	119	12.0	
Fuel Cost	22,751	21,924	827.7	893
VOM Cost	3,143	3,099	44.7	
Emerg Energy	2	4	(2.5)	
Energy Rev	-	-	-	
Start Cost	421	400	21.2	
Lime Cost	10.67	10.45	0.2	
Reagent Cost	57	56	1.3	
NOX Cost	6	6	0.3	
SO2 Cost	0	0	0.0	
Total Solar Savings before CO2 Costs	38,494	37,248	106	
CO2 Cost	6,802	6,545	257.6	258
CPVRR Through Year 2054	45,297	43,793	364	364

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CPVRR Through Year 2053 $M 2020$	SoBra700	Clean Energy Connection	Clean Energy Connection Savings	
2022 Solar Together - Generation Capital		191.3	(191.3)	(1,140.3)
2022 Solar Together - Generation Property Taxes		8.0	(8.0)	
2022 Solar Together - Generation Insurance		4.2	(4.2)	
2022 Solar Together - Generation Lease		11.9	(11.9)	
2022 Solar Together - Generation O&M		19.9	(19.9)	
2022 Solar Together - Transmission Capital		21.3	(21.3)	
2022 Solar Together - Transmission Property Taxes		1.9	(1.9)	
2022 Solar Together - Transmission Insurance		0.4	(0.4)	
2023 Solar Together - Generation Capital		328.3	(328.3)	
2023 Solar Together - Generation Property Taxes		14.7	(14.7)	
2023 Solar Together - Generation Insurance		7.3	(7.3)	
2023 Solar Together - Generation Lease		22.7	(22.7)	
2023 Solar Together - Generation O&M		37.9	(37.9)	
2023 Solar Together - Transmission Capital		39.1	(39.1)	
2023 Solar Together - Transmission Property Taxes		3.6	(3.6)	
2023 Solar Together - Transmission Insurance		0.8	(0.8)	
2024 Solar Together - Generation Capital		307.0	(307.0)	
2024 Solar Together - Generation Property Taxes		14.1	(14.1)	
2024 Solar Together - Generation Insurance		6.5	(6.5)	
2024 Solar Together - Generation Lease		21.7	(21.7)	
2024 Solar Together - Generation O&M		36.1	(36.1)	
2024 Solar Together - Transmission Capital		37.4	(37.4)	
2024 Solar Together - Transmission Property Taxes		3.5	(3.5)	
2024 Solar Together - Transmission Insurance		0.8	(0.8)	
Santa_Fe - Generation Capital	107.1	107.1	-	-
Santa_Fe - Generation Property Taxes	5.2	5.2	-	
Santa_Fe - Generation Insurance	2.4	2.4	-	
Santa_Fe - Generation Lease	-	-	-	
Santa_Fe - Generation O&M	17.4	17.4	-	
Santa_Fe - Transmission Capital	20.5	20.5	-	
Santa_Fe - Transmission Property Taxes	2.6	2.6	-	
Santa_Fe - Transmission Insurance	0.4	0.4	-	
Twin_Rivers - Generation Capital	96.7	96.7	-	-
Twin_Rivers - Generation Property Taxes	4.4	4.4	-	
Twin_Rivers - Generation Insurance	2.2	2.2	-	
Twin_Rivers - Generation Lease	4.8	4.8	-	
Twin_Rivers - Generation O&M	16.0	16.0	-	
Twin_Rivers - Transmission Capital	17.6	17.6	-	
Twin_Rivers - Transmission Property Taxes	2.4	2.4	-	
Twin_Rivers - Transmission Insurance	0.4	0.4	-	
Duette - Generation Capital	102.2	102.2	-	-
Duette - Generation Property Taxes	4.2	4.2	-	
Duette - Generation Insurance	2.2	2.2	-	
Duette - Generation Lease	-	-	-	
Duette - Generation O&M	10.1	10.1	-	
Duette - Transmission Capital	2.9	2.9	-	
Duette - Transmission Property Taxes	0.3	0.3	-	
Duette - Transmission Insurance	0.1	0.1	-	
Charlie Creek - Generation Capital	89.9	89.9	-	-
Charlie Creek - Generation Property Taxes	3.4	3.4	-	
Charlie Creek - Generation Insurance	2.0	2.0	-	
Charlie Creek - Generation Lease	6.8	6.8	-	
Charlie Creek - Generation O&M	8.3	8.3	-	
Charlie Creek - Transmission Capital	19.4	19.4	-	
Charlie Creek - Transmission Property Taxes	2.3	2.3	-	
Charlie Creek - Transmission Insurance	0.4	0.4	-	
Archer - Generation Capital	77.7	77.7	-	-
Archer - Generation Property Taxes	4.6	4.6	-	
Archer - Generation Insurance	1.7	1.7	-	
Archer - Generation Lease	-	-	-	
Archer - Generation O&M	8.3	8.3	-	
Archer - Transmission Capital	6.1	6.1	-	
Archer - Transmission Property Taxes	1.0	1.0	-	
Archer - Transmission Insurance	0.1	0.1	-	
Trenton - Generation Capital	104.6	104.6	-	
Trenton - Generation Property Taxes	4.3	4.3	-	
Trenton - Generation Insurance	2.5	2.5	-	

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Trenton - Generation Lease	4.8	4.8	-
Trenton - Generation O&M	18.3	18.3	-
Trenton - Transmission Capital	5.3	5.3	-
Trenton - Transmission Property Taxes	0.5	0.5	-
Trenton - Transmission Insurance	0.1	0.1	-
Lake Placid - Generation Capital	63.5	63.5	-
Lake Placid - Generation Property Taxes	2.2	2.2	-
Lake Placid - Generation Insurance	1.5	1.5	-
Lake Placid - Generation Lease	5.3	5.3	-
Lake Placid - Generation O&M	10.4	10.4	-
Lake Placid - Transmission Capital	3.8	3.8	-
Lake Placid - Transmission Property Taxes	0.4	0.4	-
Lake Placid - Transmission Insurance	0.1	0.1	-

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CPVRR Through Year 2053 $M 2020$	SoBra700	Clean Energy Connection	Clean Energy Connection Savings	
2022 Solar Together - Generation Capital		191.3	(191.3)	(1,140.3)
2022 Solar Together - Generation Property Taxes		8.0	(8.0)	
2022 Solar Together - Generation Insurance		4.2	(4.2)	
2022 Solar Together - Generation Lease		11.9	(11.9)	
2022 Solar Together - Generation O&M		19.9	(19.9)	
2022 Solar Together - Transmission Capital		21.3	(21.3)	
2022 Solar Together - Transmission Property Taxes		1.9	(1.9)	
2022 Solar Together - Transmission Insurance		0.4	(0.4)	
2023 Solar Together - Generation Capital		328.3	(328.3)	
2023 Solar Together - Generation Property Taxes		14.7	(14.7)	
2023 Solar Together - Generation Insurance		7.3	(7.3)	
2023 Solar Together - Generation Lease		22.7	(22.7)	
2023 Solar Together - Generation O&M		37.9	(37.9)	
2023 Solar Together - Transmission Capital		39.1	(39.1)	
2023 Solar Together - Transmission Property Taxes		3.6	(3.6)	
2023 Solar Together - Transmission Insurance		0.8	(0.8)	
2024 Solar Together - Generation Capital		307.0	(307.0)	
2024 Solar Together - Generation Property Taxes		14.1	(14.1)	
2024 Solar Together - Generation Insurance		6.5	(6.5)	
2024 Solar Together - Generation Lease		21.7	(21.7)	
2024 Solar Together - Generation O&M		36.1	(36.1)	
2024 Solar Together - Transmission Capital		37.4	(37.4)	
2024 Solar Together - Transmission Property Taxes		3.5	(3.5)	
2024 Solar Together - Transmission Insurance		0.8	(0.8)	
Santa_Fe - Generation Capital	107.1	107.1	-	-
Santa_Fe - Generation Property Taxes	5.2	5.2	-	
Santa_Fe - Generation Insurance	2.4	2.4	-	
Santa_Fe - Generation Lease	-	-	-	
Santa_Fe - Generation O&M	17.4	17.4	-	
Santa_Fe - Transmission Capital	20.5	20.5	-	
Santa_Fe - Transmission Property Taxes	2.6	2.6	-	
Santa_Fe - Transmission Insurance	0.4	0.4	-	
Twin_Rivers - Generation Capital	96.7	96.7	-	-
Twin_Rivers - Generation Property Taxes	4.4	4.4	-	
Twin_Rivers - Generation Insurance	2.2	2.2	-	
Twin_Rivers - Generation Lease	4.8	4.8	-	
Twin_Rivers - Generation O&M	16.0	16.0	-	
Twin_Rivers - Transmission Capital	17.6	17.6	-	
Twin_Rivers - Transmission Property Taxes	2.4	2.4	-	
Twin_Rivers - Transmission Insurance	0.4	0.4	-	
Duette - Generation Capital	102.2	102.2	-	-
Duette - Generation Property Taxes	4.2	4.2	-	
Duette - Generation Insurance	2.2	2.2	-	
Duette - Generation Lease	-	-	-	
Duette - Generation O&M	10.1	10.1	-	
Duette - Transmission Capital	2.9	2.9	-	
Duette - Transmission Property Taxes	0.3	0.3	-	
Duette - Transmission Insurance	0.1	0.1	-	
Charlie Creek - Generation Capital	89.9	89.9	-	-
Charlie Creek - Generation Property Taxes	3.4	3.4	-	
Charlie Creek - Generation Insurance	2.0	2.0	-	
Charlie Creek - Generation Lease	6.8	6.8	-	
Charlie Creek - Generation O&M	8.3	8.3	-	
Charlie Creek - Transmission Capital	19.4	19.4	-	
Charlie Creek - Transmission Property Taxes	2.3	2.3	-	
Charlie Creek - Transmission Insurance	0.4	0.4	-	
Archer - Generation Capital	77.7	77.7	-	-
Archer - Generation Property Taxes	4.6	4.6	-	
Archer - Generation Insurance	1.7	1.7	-	
Archer - Generation Lease	-	-	-	
Archer - Generation O&M	8.3	8.3	-	
Archer - Transmission Capital	6.1	6.1	-	
Archer - Transmission Property Taxes	1.0	1.0	-	
Archer - Transmission Insurance	0.1	0.1	-	
Trenton - Generation Capital	104.6	104.6	-	
Trenton - Generation Property Taxes	4.3	4.3	-	

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Trenton - Generation Insurance	2.5	2.5	-	
Trenton - Generation Lease	4.8	4.8	-	
Trenton - Generation O&M	18.3	18.3	-	
Trenton - Transmission Capital	5.3	5.3	-	
Trenton - Transmission Property Taxes	0.5	0.5	-	
Trenton - Transmission Insurance	0.1	0.1	-	
Lake Placid - Generation Capital	63.5	63.5	-	
Lake Placid - Generation Property Taxes	2.2	2.2	-	
Lake Placid - Generation Insurance	1.5	1.5	-	
Lake Placid - Generation Lease	5.3	5.3	-	
Lake Placid - Generation O&M	10.4	10.4	-	
Lake Placid - Transmission Capital	3.8	3.8	-	
Lake Placid - Transmission Property Taxes	0.4	0.4	-	
Lake Placid - Transmission Insurance	0.1	0.1	-	
Debary - Generation Capital	92.9	92.9	-	
Debary - Generation Property Taxes	3.8	3.8	-	
Debary - Generation Insurance	2.2	2.2	-	
Debary - Generation Lease	-	-	-	
Debary - Generation O&M	15.2	15.2	-	
Debary - Transmission Capital	6.4	6.4	-	
Debary - Transmission Property Taxes	0.9	0.9	-	
Debary - Transmission Insurance	0.1	0.1	-	
Hamilton - Generation Capital	109.0	109.0	-	
Hamilton - Generation Property Taxes	11.0	11.0	-	
Hamilton - Generation Insurance	2.9	2.9	-	
Hamilton - Generation Lease	5.7	5.7	-	
Hamilton - Generation O&M	19.5	19.5	-	
Hamilton - Transmission Capital	8.5	8.5	-	
Hamilton - Transmission Property Taxes	1.4	1.4	-	
Hamilton - Transmission Insurance	3.5	3.5	-	
Columbia - Generation Capital	114.3	114.3	-	
Columbia - Generation Property Taxes	4.1	4.1	-	
Columbia - Generation Insurance	2.7	2.7	-	
Columbia - Generation Lease	6.5	6.5	-	
Columbia - Generation O&M	14.2	14.2	-	
Columbia - Transmission Capital	9.4	9.4	-	
Columbia - Transmission Property Taxes	0.9	0.9	-	
Columbia - Transmission Insurance	3.6	3.6	-	
Conventional Generation - Generation Capital	1,740	1,582	158.7	353
Conventional Generation - Transmission Capital	1,987	1,958	28.9	
Conventional Generation - Gas Reservation Charges	6,924	6,770	153.9	
Conventional Generation - FOM	131	119	12.0	
Fuel Cost	22,607	21,785	821.9	890
VOM Cost	3,134	3,089	44.8	
Emerg Energy	2	4	(2.5)	
Energy Rev	-	-	-	
Start Cost	403	380	22.5	
Lime Cost	13.29	12.82	0.5	
Reagent Cost	68	66	2.3	
NOX Cost	6	6	0.3	
SO2 Cost	0	0	0.0	
Total Solar Savings before CO2 Costs	38,336	37,093	103	
CO2 Cost	-	-	-	-
CPVRR Through Year 2054	38,336	37,093	103	103

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CPVRR Through Year 2053 $M 2020$	SoBra700	Clean Energy Connection	Clean Energy Connection Savings	
2022 Solar Together - Generation Capital		191.3	(191.3)	(1,140.3)
2022 Solar Together - Generation Property Taxes		8.0	(8.0)	
2022 Solar Together - Generation Insurance		4.2	(4.2)	
2022 Solar Together - Generation Lease		11.9	(11.9)	
2022 Solar Together - Generation O&M		19.9	(19.9)	
2022 Solar Together - Transmission Capital		21.3	(21.3)	
2022 Solar Together - Transmission Property Taxes		1.9	(1.9)	
2022 Solar Together - Transmission Insurance		0.4	(0.4)	
2023 Solar Together - Generation Capital		328.3	(328.3)	
2023 Solar Together - Generation Property Taxes		14.7	(14.7)	
2023 Solar Together - Generation Insurance		7.3	(7.3)	
2023 Solar Together - Generation Lease		22.7	(22.7)	
2023 Solar Together - Generation O&M		37.9	(37.9)	
2023 Solar Together - Transmission Capital		39.1	(39.1)	
2023 Solar Together - Transmission Property Taxes		3.6	(3.6)	
2023 Solar Together - Transmission Insurance		0.8	(0.8)	
2024 Solar Together - Generation Capital		307.0	(307.0)	
2024 Solar Together - Generation Property Taxes		14.1	(14.1)	
2024 Solar Together - Generation Insurance		6.5	(6.5)	
2024 Solar Together - Generation Lease		21.7	(21.7)	
2024 Solar Together - Generation O&M		36.1	(36.1)	
2024 Solar Together - Transmission Capital		37.4	(37.4)	
2024 Solar Together - Transmission Property Taxes		3.5	(3.5)	
2024 Solar Together - Transmission Insurance		0.8	(0.8)	
Santa_Fe - Generation Capital	107.1	107.1	-	-
Santa_Fe - Generation Property Taxes	5.2	5.2	-	
Santa_Fe - Generation Insurance	2.4	2.4	-	
Santa_Fe - Generation Lease	-	-	-	
Santa_Fe - Generation O&M	17.4	17.4	-	
Santa_Fe - Transmission Capital	20.5	20.5	-	
Santa_Fe - Transmission Property Taxes	2.6	2.6	-	
Santa_Fe - Transmission Insurance	0.4	0.4	-	
Twin_Rivers - Generation Capital	96.7	96.7	-	-
Twin_Rivers - Generation Property Taxes	4.4	4.4	-	
Twin_Rivers - Generation Insurance	2.2	2.2	-	
Twin_Rivers - Generation Lease	4.8	4.8	-	
Twin_Rivers - Generation O&M	16.0	16.0	-	
Twin_Rivers - Transmission Capital	17.6	17.6	-	
Twin_Rivers - Transmission Property Taxes	2.4	2.4	-	
Twin_Rivers - Transmission Insurance	0.4	0.4	-	
Duette - Generation Capital	102.2	102.2	-	-
Duette - Generation Property Taxes	4.2	4.2	-	
Duette - Generation Insurance	2.2	2.2	-	
Duette - Generation Lease	-	-	-	
Duette - Generation O&M	10.1	10.1	-	
Duette - Transmission Capital	2.9	2.9	-	
Duette - Transmission Property Taxes	0.3	0.3	-	
Duette - Transmission Insurance	0.1	0.1	-	
Charlie Creek - Generation Capital	89.9	89.9	-	-
Charlie Creek - Generation Property Taxes	3.4	3.4	-	
Charlie Creek - Generation Insurance	2.0	2.0	-	
Charlie Creek - Generation Lease	6.8	6.8	-	
Charlie Creek - Generation O&M	8.3	8.3	-	
Charlie Creek - Transmission Capital	19.4	19.4	-	
Charlie Creek - Transmission Property Taxes	2.3	2.3	-	
Charlie Creek - Transmission Insurance	0.4	0.4	-	
Archer - Generation Capital	77.7	77.7	-	-
Archer - Generation Property Taxes	4.6	4.6	-	
Archer - Generation Insurance	1.7	1.7	-	
Archer - Generation Lease	-	-	-	

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Archer - Generation O&M	8.3	8.3	-	
Archer - Transmission Capital	6.1	6.1	-	
Archer - Transmission Property Taxes	1.0	1.0	-	
Archer - Transmission Insurance	0.1	0.1	-	
Trenton - Generation Capital	104.6	104.6	-	
Trenton - Generation Property Taxes	4.3	4.3	-	
Trenton - Generation Insurance	2.5	2.5	-	
Trenton - Generation Lease	4.8	4.8	-	
Trenton - Generation O&M	18.3	18.3	-	
Trenton - Transmission Capital	5.3	5.3	-	
Trenton - Transmission Property Taxes	0.5	0.5	-	
Trenton - Transmission Insurance	0.1	0.1	-	
Lake Placid - Generation Capital	63.5	63.5	-	
Lake Placid - Generation Property Taxes	2.2	2.2	-	
Lake Placid - Generation Insurance	1.5	1.5	-	
Lake Placid - Generation Lease	5.3	5.3	-	
Lake Placid - Generation O&M	10.4	10.4	-	
Lake Placid - Transmission Capital	3.8	3.8	-	
Lake Placid - Transmission Property Taxes	0.4	0.4	-	
Lake Placid - Transmission Insurance	0.1	0.1	-	
Debary - Generation Capital	92.9	92.9	-	
Debary - Generation Property Taxes	3.8	3.8	-	
Debary - Generation Insurance	2.2	2.2	-	
Debary - Generation Lease	-	-	-	
Debary - Generation O&M	15.2	15.2	-	
Debary - Transmission Capital	6.4	6.4	-	
Debary - Transmission Property Taxes	0.9	0.9	-	
Debary - Transmission Insurance	0.1	0.1	-	
Hamilton - Generation Capital	109.0	109.0	-	
Hamilton - Generation Property Taxes	11.0	11.0	-	
Hamilton - Generation Insurance	2.9	2.9	-	
Hamilton - Generation Lease	5.7	5.7	-	
Hamilton - Generation O&M	19.5	19.5	-	
Hamilton - Transmission Capital	8.5	8.5	-	
Hamilton - Transmission Property Taxes	1.4	1.4	-	
Hamilton - Transmission Insurance	3.5	3.5	-	
Columbia - Generation Capital	114.3	114.3	-	
Columbia - Generation Property Taxes	4.1	4.1	-	
Columbia - Generation Insurance	2.7	2.7	-	
Columbia - Generation Lease	6.5	6.5	-	
Columbia - Generation O&M	14.2	14.2	-	
Columbia - Transmission Capital	9.4	9.4	-	
Columbia - Transmission Property Taxes	0.9	0.9	-	
Columbia - Transmission Insurance	3.6	3.6	-	
Conventional Generation - Generation Capital	1,740	1,582	158.7	353
Conventional Generation - Transmission Capital	1,987	1,958	28.9	
Conventional Generation - Gas Reservation Charges	6,924	6,770	153.9	
Conventional Generation - FOM	131	119	12.0	
Fuel Cost	19,703	19,001	701.9	769
VOM Cost	3,145	3,101	44.9	
Emerg Energy	2	4	(2.5)	
Energy Rev	-	-	-	
Start Cost	423	399	24.3	
Lime Cost	9.21	9.25	(0.0)	
Reagent Cost	51	51	0.3	
NOX Cost	6	6	0.3	
SO2 Cost	0	0	0.0	
Total Solar Savings before CO2 Costs	35,442	34,319	(18)	
CO2 Cost	11,795	11,366	428.8	429
CPVRR Through Year 2054	47,237	45,685	411	411

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CPVRR Through Year 2053 $M 2020$	SoBra700	Clean Energy Connection	Clean Energy Connection Savings	
2022 Solar Together - Generation Capital		191.3	(191.3)	(1,140.3)
2022 Solar Together - Generation Property Taxes		8.0	(8.0)	
2022 Solar Together - Generation Insurance		4.2	(4.2)	
2022 Solar Together - Generation Lease		11.9	(11.9)	
2022 Solar Together - Generation O&M		19.9	(19.9)	
2022 Solar Together - Transmission Capital		21.3	(21.3)	
2022 Solar Together - Transmission Property Taxes		1.9	(1.9)	
2022 Solar Together - Transmission Insurance		0.4	(0.4)	
2023 Solar Together - Generation Capital		328.3	(328.3)	
2023 Solar Together - Generation Property Taxes		14.7	(14.7)	
2023 Solar Together - Generation Insurance		7.3	(7.3)	
2023 Solar Together - Generation Lease		22.7	(22.7)	
2023 Solar Together - Generation O&M		37.9	(37.9)	
2023 Solar Together - Transmission Capital		39.1	(39.1)	
2023 Solar Together - Transmission Property Taxes		3.6	(3.6)	
2023 Solar Together - Transmission Insurance		0.8	(0.8)	
2024 Solar Together - Generation Capital		307.0	(307.0)	
2024 Solar Together - Generation Property Taxes		14.1	(14.1)	
2024 Solar Together - Generation Insurance		6.5	(6.5)	
2024 Solar Together - Generation Lease		21.7	(21.7)	
2024 Solar Together - Generation O&M		36.1	(36.1)	
2024 Solar Together - Transmission Capital		37.4	(37.4)	
2024 Solar Together - Transmission Property Taxes		3.5	(3.5)	
2024 Solar Together - Transmission Insurance		0.8	(0.8)	
Santa_Fe - Generation Capital	107.1	107.1	-	-
Santa_Fe - Generation Property Taxes	5.2	5.2	-	
Santa_Fe - Generation Insurance	2.4	2.4	-	
Santa_Fe - Generation Lease	-	-	-	
Santa_Fe - Generation O&M	17.4	17.4	-	
Santa_Fe - Transmission Capital	20.5	20.5	-	
Santa_Fe - Transmission Property Taxes	2.6	2.6	-	
Santa_Fe - Transmission Insurance	0.4	0.4	-	
Twin_Rivers - Generation Capital	96.7	96.7	-	-
Twin_Rivers - Generation Property Taxes	4.4	4.4	-	
Twin_Rivers - Generation Insurance	2.2	2.2	-	
Twin_Rivers - Generation Lease	4.8	4.8	-	
Twin_Rivers - Generation O&M	16.0	16.0	-	
Twin_Rivers - Transmission Capital	17.6	17.6	-	
Twin_Rivers - Transmission Property Taxes	2.4	2.4	-	
Twin_Rivers - Transmission Insurance	0.4	0.4	-	
Duette - Generation Capital	102.2	102.2	-	-
Duette - Generation Property Taxes	4.2	4.2	-	
Duette - Generation Insurance	2.2	2.2	-	
Duette - Generation Lease	-	-	-	
Duette - Generation O&M	10.1	10.1	-	
Duette - Transmission Capital	2.9	2.9	-	
Duette - Transmission Property Taxes	0.3	0.3	-	
Duette - Transmission Insurance	0.1	0.1	-	
Charlie Creek - Generation Capital	89.9	89.9	-	-
Charlie Creek - Generation Property Taxes	3.4	3.4	-	
Charlie Creek - Generation Insurance	2.0	2.0	-	
Charlie Creek - Generation Lease	6.8	6.8	-	
Charlie Creek - Generation O&M	8.3	8.3	-	
Charlie Creek - Transmission Capital	19.4	19.4	-	
Charlie Creek - Transmission Property Taxes	2.3	2.3	-	
Charlie Creek - Transmission Insurance	0.4	0.4	-	
Archer - Generation Capital	77.7	77.7	-	-
Archer - Generation Property Taxes	4.6	4.6	-	
Archer - Generation Insurance	1.7	1.7	-	
Archer - Generation Lease	-	-	-	

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Archer - Generation O&M	8.3	8.3	-	
Archer - Transmission Capital	6.1	6.1	-	
Archer - Transmission Property Taxes	1.0	1.0	-	
Archer - Transmission Insurance	0.1	0.1	-	
Trenton - Generation Capital	104.6	104.6	-	
Trenton - Generation Property Taxes	4.3	4.3	-	
Trenton - Generation Insurance	2.5	2.5	-	
Trenton - Generation Lease	4.8	4.8	-	
Trenton - Generation O&M	18.3	18.3	-	
Trenton - Transmission Capital	5.3	5.3	-	
Trenton - Transmission Property Taxes	0.5	0.5	-	
Trenton - Transmission Insurance	0.1	0.1	-	
Lake Placid - Generation Capital	63.5	63.5	-	
Lake Placid - Generation Property Taxes	2.2	2.2	-	
Lake Placid - Generation Insurance	1.5	1.5	-	
Lake Placid - Generation Lease	5.3	5.3	-	
Lake Placid - Generation O&M	10.4	10.4	-	
Lake Placid - Transmission Capital	3.8	3.8	-	
Lake Placid - Transmission Property Taxes	0.4	0.4	-	
Lake Placid - Transmission Insurance	0.1	0.1	-	
Debary - Generation Capital	92.9	92.9	-	
Debary - Generation Property Taxes	3.8	3.8	-	
Debary - Generation Insurance	2.2	2.2	-	
Debary - Generation Lease	-	-	-	
Debary - Generation O&M	15.2	15.2	-	
Debary - Transmission Capital	6.4	6.4	-	
Debary - Transmission Property Taxes	0.9	0.9	-	
Debary - Transmission Insurance	0.1	0.1	-	
Hamilton - Generation Capital	109.0	109.0	-	
Hamilton - Generation Property Taxes	11.0	11.0	-	
Hamilton - Generation Insurance	2.9	2.9	-	
Hamilton - Generation Lease	5.7	5.7	-	
Hamilton - Generation O&M	19.5	19.5	-	
Hamilton - Transmission Capital	8.5	8.5	-	
Hamilton - Transmission Property Taxes	1.4	1.4	-	
Hamilton - Transmission Insurance	3.5	3.5	-	
Columbia - Generation Capital	114.3	114.3	-	
Columbia - Generation Property Taxes	4.1	4.1	-	
Columbia - Generation Insurance	2.7	2.7	-	
Columbia - Generation Lease	6.5	6.5	-	
Columbia - Generation O&M	14.2	14.2	-	
Columbia - Transmission Capital	9.4	9.4	-	
Columbia - Transmission Property Taxes	0.9	0.9	-	
Columbia - Transmission Insurance	3.6	3.6	-	
Conventional Generation - Generation Capital	1,740	1,582	158.7	353
Conventional Generation - Transmission Capital	1,987	1,958	28.9	
Conventional Generation - Gas Reservation Charges	6,924	6,770	153.9	
Conventional Generation - FOM	131	119	12.0	
Fuel Cost	30,192	29,080	1,112.6	1,179
VOM Cost	3,133	3,088	44.7	
Emerg Energy	2	4	(2.5)	
Energy Rev	-	-	-	
Start Cost	441	420	21.5	
Lime Cost	15.65	15.15	0.5	
Reagent Cost	75	72	2.4	
NOX Cost	6	6	0.3	
SO2 Cost	0	0	0.0	
Total Solar Savings before CO2 Costs	45,968	44,435	393	
CO2 Cost	11,924	11,478	446.0	446
CPVRR Through Year 2054	57,892	55,913	839	839

CONFIDENTIAL

	1x F Class Frame SCGT - Dual Fuel with Evap Coolers NO SCR Fast Start 10-12min			CC 2x1 J Greenfield Unit Dual Fuel with Evaporating Coolers	
	First Unit	Next Unit	Avg	First Unit	
EPC Project Capital Costs, 2019 MM$ (w/o Owner's Costs)	**$120**	**$89**	**$97**		388.7192027
Engineering	$5	$2			
Gas Turbines/Engines	$40	$40			
GSU (Note 6)	$3	$3			
Environmental Equipment (SCR/CO)	$0	$0			
BOP Equipment and Materials	$15	$12			
Construction	$28	$15			
Indirects and Fees	$24	$15			
EPC Contingency	$5	$4			
Owner's Costs, 2019 MM$	**$31**	**$15**	**$19**		75.18595837
Owner's Project Development	$0.3	$0.0			
Owner's Operational Personnel Prior to COD	$0.3	$0.0			
Owner's Engineer	$0.8	$0.0			
Owner's Project Management	$1.0	$0.0			
Owner's Legal Costs	$0.5	$0.0			
Owner's Start-up Engineering and Training	$1.5	$0.8			
Land	$0.9	$0.5			
Construction Power and Water	$0.5	$0.1			
Permitting and Licensing Fees	$0.5	$0.0			
Switchyard	$5.3	$1.8			
Political Concessions & Area Development Fees	$0.5	$0.0			
Startup/Testing (Fuel & Consumables)	$2.0	$1.8			
Initial Fuel Inventory	$3.1	$3.1			
Site Security	$0.4	$0.0			
Operating Spare Parts	$5.5	$1.4			
Permanent Plant Equipment and Furnishings	$0.3	$0.0			
Builders Risk Insurance (0.45% of Construction Costs)	$0.5	$0.4			
Owner's Contingency (5% for Screening Purposes)	$7.2	$5.0			
Total Project Costs, 2019 MM$	**$152**	**$104**	**$116**	**$791**	**$464**
~~FAST START CAPABILITY ADD-ON COSTS (Note 12)~~					
EPC Capital Cost, 2019 MM$ (w/o Owner's Costs)	$0.3	$0.3			
Owner's Costs, 2019 MM$	$0.0	$0.0			
FAST START CAPABILITY O&M COSTS (Note 12)					
Incremental Major Maintenance Cost, 2017$/GT-Start	$0	$0			
EVAP COOLER ADD-ON COSTs					
Capital Costs, 2019 MM$	$1.1	$1.1	$1.1		4.245967681
Owner's Costs, 2019 MM$	$0.1	$0.1	$0.1		0.231405239
EVAP COOLER O&M COSTS					
Incremental Fixed O&M Cost, 2017$/kW-Yr	$0.00	$0.00			
Incremental Variable O&M Cost, 2017$/MWh	$0.00	$0.00			
~~SCR ADD-ON COSTs~~					
Capital Costs, 2019 MM$	$24.7	$23.5			
Owner's Costs, 2019 MM$	$1.3	$1.3			
SCR O&M COSTS					
Incremental Fixed O&M Cost, 2019$/kW-Yr	$0.00	$0.00			
Levelized Capital Maintenance - Catalyst Replacements, 2019$/MWh	$0.30	$0.30			
Incremental Variable O&M Cost, 2019$/MWh	$0.50	$0.50			

Generation Capital Cost $MM (No SCRs with Evap Coolers and No Fast Start Cap)	$152.63	$105.250	$117.096	$820.07
Generation Capital Cost $/kw (No SCRs with Evap Coolers and No Fast Start Cap)	$675.96	$466.12	$518.58	$642.14
Transmission Adder $MM	$11.76	$2.05	$2.94	$11.76
Generation Capital + Transmission Adder $MM	$164.39	$107.2975	$120.04	$831.83
Generation Capital + Transmission Adder $M	$164,391.61	$107,297.50	$120,035.46	$831,834.19
Generation Capital + Transmission Adder $/kw	$728.04	**$475.19**	**$531.60**	$651.35
Transmission $M $2019	$ 35,875.00	$17,937.50	$22,421.88	$ 420,250.00
Generation Capital + Transmission $M 2019$	**$200,266.61**	**$125,235.00**	**$142,457.33**	**$1,252,084.19**
Summer Capacity	**226**	**225.8**	**225.8**	**1277.1**
Capital (Genaration + Transmission) $/KW 2019$	**886.92**	**554.63**	**630.90**	**980.41**
	First Unit	**Next Unit**	**Avg**	**First Unit**
Generation Capital + Transmission $M 2019	**$200,266.61**	**$125,235.00**	**$142,457.33**	**$1,252,084.19**
Transmission $M $2019	**$35,875.00**	**$17,937.50**	**$22,421.88**	**$420,250.00**
Generation Capital $M 2019	**$164,391.61**	**$107,297.50**	**$120,035.46**	**$831,834.19**

LT inflation Rate	1.37%	1.37%	1.37%	1.17%

CTs: Should match the Generic Units file F9 and G9

CONFIDENTIAL

	$000	$/kw
Overnight Costs $2019	107,297.50	475.19
Capacity MW	226	
Book Life	35	
Tax Life	15	
Book Depreciation	2.86%	
Construction Start Month	1	
Construction Start Year	2022	
In Service Month	6	
In Service Year	2024	
Acc Deferred Taxes Debt AFUDC	(376)	
Amortization of Def Taxes Debt AFUDC	11	
Total Construction Expenditures	113,673	503.42
Total AFUDC	6,508	28.82
Total Capitalized Interest	2,870	12.71
In Service Value	120,181	532.25
PV Revenue Requirements	111,851	495.36
Levelized Revenue Requirements	10,833	47.98
Base year	2019	
Check	-	

Year	2022	2023	2024
Construction Expenditure Profile	15.69%	45.70%	38.70%
Construction Expenditures $/KW	77.22	229.33	196.87
Accumulated Expenditures $/KW	77.22	306.55	503.42
AFUDC $/KW	2.72	13.72	12.38
Accumulated AFUDC $/KW	2.72	16.44	28.82
Capitalized Interest $/KW	1.22	6.08	5.41
Accumulated CI $/KW	1.22	7.30	12.71
In Service Value $/KW	532		
Construction Expenditures $000	17,437	51,781	44,453
AFUDC $000	615	3,098	2,795
Debt AFUDC $000	129.08	650.58	587.05
Equity AFUDC $000	485.58	2,447.42	2,208.29
Capitalized Interest $000	275	1,374	1,222

CPVRR - RR	CPVRR - LEV	CPVRR - ECC
111,851.18	111,851.18	111,851.18
-	-	0
		111,851.18

K Factor	0.98

ECC 2024
9,593.43

CONFIDENTIAL

	$000	$/kw
Overnight Costs $2019	120,035.46	531.60
Capacity MW	226	
Book Life	35	
Tax Life	15	
Book Depreciation	2.86%	
Construction Start Month	1	
Construction Start Year	2022	
In Service Month	6	
In Service Year	2024	
Acc Deferred Taxes Debt AFUDC	(421)	
Amortization of Def Taxes Debt AFUDC	12	
Total Construction Expenditures	127,168	563.19
Total AFUDC	7,281	32.24
Total Capitalized Interest	3,211	14.22
In Service Value	134,448	595.43
PV Revenue Requirements	125,130	554.16
Levelized Revenue Requirements	12,119	53.67
Base year	2019	
Check	(0)	

Year	2022	2023	2024
Construction Expenditure Profile	15.66%	45.70%	38.70%
Construction Expenditures $/KW	86.39	256.56	220.24
Accumulated Expenditures $/KW	86.39	342.95	563.19
AFUDC $/KW	3.05	15.35	13.85
Accumulated AFUDC $/KW	3.05	18.39	32.24
Capitalized Interest $/KW	1.36	6.80	6.05
Accumulated CI $/KW	1.36	8.17	14.22
In Service Value $/KW	595		
Construction Expenditures $000	19,507	57,930	49,730
AFUDC $000	688	3,466	3,127
Debt AFUDC $000	144.40	727.81	656.70
Equity AFUDC $000	543.23	2,737.97	2,470.45
Capitalized Interest $000	307	1,537	1,367

CPVRR - RR	CPVRR - LEV	CPVRR - ECC
125,129.73	125,129.73	125,129.73
	0	(0)
		125,129.73

K Factor	0.98

ECC 2024
10,732.33

CONFIDENTIAL

	$000	$/kw
Overnight Costs $2019	831,834.19	651.35
Capacity MW	1,277	
Book Life	35	
Tax Life	20	
Book Depreciation	2.86%	
Construction Start Month	1	
Construction Start Year	2021	
In Service Month	6	
In Service Year	2024	
Acc Deferred Taxes Debt AFUDC	(3,239)	
Amortization of Def Taxes Debt AFUDC	93	
Total Construction Expenditures	872,660	683.31
Total AFUDC	56,436	44.19
Total Capitalized Interest	24,798	19.42
In Service Value	929,096	727.50
PV Revenue Requirements	882,396	690.94
Levelized Revenue Requirements	85,461	66.92
Base year	2019	
Check	(0)	

Year	2021	2022	2023	2024
Construction Expenditure Profile	4.06%	15.20%	45.20%	35.60%
Construction Expenditures $/KW	26.97	102.51	308.40	245.73
Accumulated Expenditures $/KW	26.67	129.18	437.58	683.31
AFUDC $/KW	0.94	5.56	30.44	17.25
Accumulated AFUDC $/KW	0.94	6.50	26.94	44.19
Capitalized Interest $/KW	0.42	2.47	9.02	7.51
Accumulated CI $/KW	0.42	2.89	11.91	19.42
In Service Value $/KW	728			
Construction Expenditures $000	34,055	130,919	393,858	313,828
AFUDC $000	1,201	7,100	26,099	22,036
Debt AFUDC $000	252.09	1,491.08	5,480.87	4,627.46
Equity AFUDC $000	948.34	5,609.32	20,618.50	17,408.07
Capitalized Interest $000	536	3,152	11,516	9,594

CPVRR - RR	CPVRR - LEV	CPVRR -ECC
882,396.47	882,396.47	882,396.47
	0	(0)
		882,396.47

K Factor	1.01

ECC 2024
77,442.05

CONFIDENTIAL

	1x F Class Frame SCGT - Dual Fuel with Evap Coolers NO SCR Fast Start 10-12min			CC 2x1 J Greenfield Unit Dual Fuel with Evaporating Coolers	
	First Unit	Next Unit	Avg	First Unit	
EPC Project Capital Costs, 2019 MM$ (w/o Owner's Costs)	**$120**	**$89**	**$97**		388.7192027
Engineering	$5	$2			
Gas Turbines/Engines	$40	$40			
GSU (Note 6)	$3	$3			
Environmental Equipment (SCR/CO)	$0	$0			
BOP Equipment and Materials	$15	$12			
Construction	$28	$15			
Indirects and Fees	$24	$15			
EPC Contingency	$5	$4			
Owner's Costs, 2019 MM$	**$31**	**$15**	**$19**		75.18595837
Owner's Project Development	$0.3	$0.0			
Owner's Operational Personnel Prior to COD	$0.3	$0.0			
Owner's Engineer	$0.8	$0.0			
Owner's Project Management	$1.0	$0.0			
Owner's Legal Costs	$0.5	$0.0			
Owner's Start-up Engineering and Training	$1.5	$0.8			
Land	$0.9	$0.5			
Construction Power and Water	$0.5	$0.1			
Permitting and Licensing Fees	$0.5	$0.0			
Switchyard	$5.3	$1.8			
Political Concessions & Area Development Fees	$0.5	$0.0			
Startup/Testing (Fuel & Consumables)	$2.0	$1.8			
Initial Fuel Inventory	$3.1	$3.1			
Site Security	$0.4	$0.0			
Operating Spare Parts	$5.5	$1.4			
Permanent Plant Equipment and Furnishings	$0.3	$0.0			
Builders Risk Insurance (0.45% of Construction Costs)	$0.5	$0.4			
Owner's Contingency (5% for Screening Purposes)	$7.2	$5.0			
Total Project Costs, 2019 MM$	**$152**	**$104**	**$116**	**$791**	**$464**
~~FAST START CAPABILITY ADD-ON COSTS (Note 12)~~					
EPC Capital Cost, 2019 MM$ (w/o Owner's Costs)	$0.3	$0.3			
Owner's Costs, 2019 MM$	$0.0	$0.0			
FAST START CAPABILITY O&M COSTS (Note 12)					
Incremental Major Maintenance Cost, 2017$/GT-Start	$0	$0			
EVAP COOLER ADD-ON COSTs					
Capital Costs, 2019 MM$	$1.1	$1.1	$1.1		4.245967681
Owner's Costs, 2019 MM$	$0.1	$0.1	$0.1		0.231405239
EVAP COOLER O&M COSTS					
Incremental Fixed O&M Cost, 2017$/kW-Yr	$0.00	$0.00			
Incremental Variable O&M Cost, 2017$/MWh	$0.00	$0.00			
~~SCR ADD-ON COSTs~~					
Capital Costs, 2019 MM$	$24.7	$23.5			
Owner's Costs, 2019 MM$	$1.3	$1.3			
SCR O&M COSTS					
Incremental Fixed O&M Cost, 2019$/kW-Yr	$0.00	$0.00			
Levelized Capital Maintenance - Catalyst Replacements, 2019$/MWh	$0.30	$0.30			
Incremental Variable O&M Cost, 2019$/MWh	$0.50	$0.50			

Generation Capital Cost $MM (No SCRs with Evap Coolers and No Fast Start Cap)	$152.63	$105.250	$117.096	$820.07
Generation Capital Cost $/kw (No SCRs with Evap Coolers and No Fast Start Cap)	$675.96	$466.12	$518.58	$642.14
Transmission Adder $MM	$11.76	$2.05	$2.94	$11.76
Generation Capital + Transmission Adder $MM	$164.39	$107.2975	$120.04	$831.83
Generation Capital + Transmission Adder $M	$164,391.61	$107,297.50	$120,035.46	$831,834.19
Generation Capital + Transmission Adder $/kw	$728.04	**$475.19**	**$531.60**	$651.35
Transmission $M $2019	$ 35,875.00	$17,937.50	$22,421.88	$ 420,250.00
Generation Capital + Transmission $M 2019$	**$200,266.61**	**$125,235.00**	**$142,457.33**	**$1,252,084.19**
Summer Capacity	**226**	**225.8**	**225.8**	**1277.1**
Capital (Genaration + Transmission) $/KW 2019$	**886.92**	**554.63**	**630.90**	**980.41**
	First Unit	**Next Unit**	**Avg**	**First Unit**
Generation Capital + Transmission $M 2019	**$200,266.61**	**$125,235.00**	**$142,457.33**	**$1,252,084.19**
Transmission $M $2019	**$35,875.00**	**$17,937.50**	**$22,421.88**	**$420,250.00**
Generation Capital $M 2019	**$164,391.61**	**$107,297.50**	**$120,035.46**	**$831,834.19**
LT inflation Rate	1.37%	1.37%	1.37%	1.17%

CTs: Should match the Generic Units file F9 and G9

CONFIDENTIAL

	$000	$/kw
Overnight Costs $2019	17,937.50	79.23
Capacity MW	226	
Book Life	40	
Tax Life	20	
Book Depreciation	2.50%	
Construction Start Month	1	
Construction Start Year	2022	
In Service Month	6	
In Service Year	2024	
Acc Deferred Taxes Debt AFUDC	(63)	
Amortization of Def Taxes Debt AFUDC	2	
Total Construction Expenditures	19,003	83.94
Total AFUDC	1,088	4.81
Total Capitalized Interest	480	2.12
In Service Value	20,091	88.74
PV Revenue Requirements	19,157	84.62
Levelized Revenue Requirements	1,798	7.94
Base year	2019	-
Check	-	

Year	2022	2023	2024
Construction Expenditure Profile	15.60%	45.70%	38.70%
Construction Expenditures $/KW	12.38	36.24	12.32
Accumulated Expenditures $/KW	12.88	51.11	83.94
AFUDC $/KW	0.45	2.29	2.06
Accumulated AFUDC $/KW	0.45	2.74	4.81
Capitalized Interest $/KW	0.20	1.01	0.90
Accumulated CI $/KW	0.20	1.22	2.12
In Service Value $/KW	89	-	-
Construction Expenditures $000	2,915	8,657	7,431
AFUDC $000	103	518	467
Debt AFUDC $000	21.58	108.76	98.13
Equity AFUDC $000	81.18	409.15	369.17
Capitalized Interest $000	46	230	204

CPVRR - RR	CPVRR - LEV	CPVRR -ICC
19,157.09	19,157.09	19,157.09
-	-	(0)
		19,157.09

K Factor	1.01

ICC 2026
1,572.13

CONFIDENTIAL

	$000	$/kw
Overnight Costs $2019	22,421.88	99.04
Capacity MW	226	
Book Life	40	
Tax Life	20	
Book Depreciation	2.50%	
Construction Start Month	1	
Construction Start Year	2022	
In Service Month	6	
In Service Year	2024	
Acc Deferred Taxes Debt AFUDC	(79)	
Amortization of Def Taxes Debt AFUDC	2	
Total Construction Expenditures	23,754	104.92
Total AFUDC	1,360	6.01
Total Capitalized Interest	600	2.65
In Service Value	25,114	110.93
PV Revenue Requirements	23,946	105.77
Levelized Revenue Requirements	2,247	9.93
Base year	2019	
Check	-	

Year	2022	2023	2024
Construction Expenditure Profile	15.60%	45.70%	38.70%
Construction Expenditures $/KW	16.09	47.80	41.03
Accumulated Expenditures $/KW	16.09	63.89	104.92
AFUDC $/KW	0.57	2.86	2.58
Accumulated AFUDC $/KW	0.57	3.43	6.01
Capitalized Interest $/KW	0.25	1.27	1.13
Accumulated CI $/KW	0.25	1.52	2.65
In Service Value $/KW	111		
Construction Expenditures $000	3,643.82	10,821.03	9,289.31
AFUDC $000	128.44	647.30	584.13
Debt AFUDC $000	26.97	135.95	122.67
Equity AFUDC $000	101.47	511.44	461.46
Capitalized Interest $000	57	287	255

CPVRR - RR	CPVRR - LEV	CPVRR -ECC
23,946.37	23,946.37	23,946.37
		0
		23,946.37

K Factor	1.01

ECC 2024
1,965

CONFIDENTIAL

	$000	$/kw
Overnight Costs $2019	420,250.00	329.07
Capacity MW	1,277	
Book Life	40	
Tax Life	20	
Book Depreciation	2.50%	
Construction Start Month	1	
Construction Start Year	2021	
In Service Month	6	
In Service Year	2024	
Acc Deferred Taxes Debt AFUDC	(1,636)	
Amortization of Def Taxes Debt AFUDC	41	
Total Construction Expenditures	460,875	345.22
Total AFUDC	28,512	22.33
Total Capitalized Interest	12,526	9.81
In Service Value	469,387	367.54
PV Revenue Requirements	2,151,813	1,684.92
Levelized Revenue Requirements	201,959	158.14
Base year	2019	
Check	-	

Year	2021	2022	2023	2024
Construction Expenditure Profile	4.00%	15.20%	45.20%	35.60%
Construction Expenditures $/KW	13.47	51.79	155.81	124.19
Accumulated Expenditures $/KW	13.47	65.26	221.07	345.27
AFUDC $/KW	0.47	2.81	10.32	8.72
Accumulated AFUDC $/KW	0.47	3.28	13.61	22.33
Capitalized Interest $/KW	0.21	1.25	4.56	3.80
Accumulated CI $/KW	0.21	1.46	6.01	9.81
In Service Value $/KW	368	-	-	-
Construction Expenditures $000	17,204.80	66,141.55	198,980.37	158,548.75
AFUDC $000	606.47	3,587.18	13,185.63	11,132.55
Debt AFUDC $000	127.36	753.51	2,768.98	2,337.83
Equity AFUDC $000	479.11	2,833.66	10,416.65	8,794.71
Capitalized Interest $000	271	1,593	5,818	4,847

CPVRR - RR	CPVRR - LEV	CPVRR -ECC
2,151,813.39	2,151,813.39	2,151,813.39
	-	
	2,151,813.39	

K Factor	4.88
NSE 2024	-
	181,079