



2020
Regional Load & Resource Plan
FRCC-MS-PL-321
Version: 2

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Classification: Public

FRCC-MS-PL-270	2020 Regional Load & Resource Plan	Version 2
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The original signatures are maintained on file.

TITLE	NAME	DATE
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Document Review Authority	Resource Subcommittee Load Forecast Working Group	06/10/2020
Document Owner/Approval Authority	Planning Committee	06/19/2020 07/07/2020

Document Subject Matter Expert: Planning Program Analyst

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Responsible Department: Planning

Retention Period: 7 Years

File Name: frccmspl321_2020lrp

Document ID #: FRCC-MS-PL-321

Classification: Public

**FLORIDA RELIABILITY COORDINATING COUNCIL
2020
REGIONAL LOAD & RESOURCE PLAN
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Introduction

FRCC Regional Load & Resource Plan

The Florida Reliability Coordinating Council (FRCC) annual Regional Load & Resource Plan (L&RP) is a collection of historical and forecasted planning information from electric utilities within the FRCC Region and the State of Florida. Data provided by the electric utilities is reflective of data contained in each of their annual Ten Year Site Plan (TYSP) and/or their internal integrated resource planning documents. Section 186.801(1) of the Florida Statutes requires each electric utility within the State of Florida to submit to the Florida Public Service Commission (FPSC) a TYSP that estimates its power-generating needs and the general location of proposed power plant sites¹. The Statute also states “TYSP shall be reviewed and submitted not less frequently than every 2 years”.

There are three components to the L&RP: the Regional section, the State section, and the Merchant section. The Regional and State sections of the L&RP are developed from data collected from the FRCC Load and Resource Database (LRDB). Since Merchants within the FRCC do not have access to the LRDB portal, FRCC Staff collects information from Merchants through an Excel workbook survey.

The L&RP is reviewed by the FRCC Resource Subcommittee (RS), FRCC Transmission Technical Subcommittee (TTS), FRCC Load Forecasting Working Group (LFWG), and the FRCC LRDB users’ group before it is finalized. FRCC Staff mails copies of the L&RP to the FPSC each year as well as members of certain FRCC committees, subcommittees, working groups, and user groups. The Plan is also posted to the FRCC website.

A high-level summary of information contained in each year’s Plan is presented by the FRCC to the FPSC at its annual TYSP Workshop (at a minimum) and is usually expanded to include other items of interest to the Commission. The Workshop is usually scheduled during the month of September each year.

Annual reports that are compiled (in part or whole) from data extracted from the L&RP are the EIA 411 Survey, the FRCC Load & Resource Reliability Assessment Report to the FPSC, and FRCC submissions to SERC including responses for the FL-Peninsula supporting NERC’s Summer Assessment, Winter Assessment, and Long-Term Reliability Assessment. As new standards are developed, data extracted from the L&RP may be used to compile other reports to fulfill new requirements.

¹ Some exemptions apply. Refer to FPSC Rule 25-22.071 (Submission and Review of the Ten-Year Site Plans).

Introduction

FRCC Regional Load & Resource Plan

On January 1, 2019, Gulf Power Company (Gulf) became a subsidiary of NextEra Energy, Inc. which also owns FPL. In previous Load and Resource Plans, Gulf's data was only shown within the State section of the report. Gulf and FPL will integrate into a single electric operating system effective on January 1, 2022.

Prior to the scheduled integration of the two systems, the FRCC and State section will show separate systems. All information presented for the years 2022 through 2029 is for the single integrated system (FPL), moving Gulf's capacity, demand and energy into the FRCC section.

Historical data will show Gulf and FPL as separate systems until 2022.

FLORIDA RELIABILITY COORDINATING COUNCIL

2020

REGIONAL LOAD & RESOURCE PLAN

**2020
LOAD AND RESOURCE PLAN
FLORIDA RELIABILITY COORDINATING COUNCIL
HISTORY AND FORECAST**

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
SUMMER PEAK DEMAND (MW)					WINTER PEAK DEMAND (MW)					ENERGY		
YEAR	ACTUAL PEAK DEMAND (MW)				YEAR	ACTUAL PEAK DEMAND (MW)				YEAR	NET ENERGY FOR LOAD (GWH)	LOAD FACTOR (%)
2010	45,564				2010 / 11	45,876				2010	233,158	51.4%
2011	44,777				2011 / 12	38,318				2011	223,875	55.7%
2012	43,946				2012 / 13	36,733				2012	220,875	57.4%
2013	44,549				2013 / 14	38,842				2013	221,564	56.8%
2014	45,794				2014 / 15	42,597				2014	224,724	56.0%
2015	45,716				2015 / 16	37,881				2015	234,434	58.5%
2016	47,660				2016 / 17	36,309				2016	232,519	55.7%
2017	46,471				2017 / 18	42,877				2017	230,826	56.7%
2018	45,492				2018 / 19	36,008				2018	236,449	59.3%
2019	48,432				2019 / 20	39,192				2019	239,741	56.5%

YEAR	TOTAL PEAK DEMAND (MW)	INTER-RUPTIBLE LOAD (MW)	LOAD MANAGEMENT (MW)	NET FIRM PEAK DEMAND (MW)	YEAR	TOTAL PEAK DEMAND (MW)	INTER-RUPTIBLE LOAD (MW)	LOAD MANAGEMENT (MW)	NET FIRM PEAK DEMAND (MW)	YEAR	NET ENERGY FOR LOAD (GWH)	LOAD FACTOR (%)
2020	48,334	549	2,436	45,349	2020 / 21	44,737	508	2,377	41,852	2020	238,535	56.3%
2021	48,710	560	2,470	45,680	2021 / 22 *	47,314	506	2,416	44,392	2021	239,999	56.2%
2022 *	51,451	558	2,505	48,388	2022 / 23	47,780	506	2,453	44,821	2022	252,873	56.1%
2023	51,961	557	2,542	48,862	2023 / 24	48,229	506	2,490	45,233	2023	254,758	56.0%
2024	52,427	557	2,578	49,292	2024 / 25	48,612	506	2,539	45,567	2024	256,687	55.9%
2025	52,989	556	2,626	49,807	2025 / 26	49,256	505	2,590	46,161	2025	258,507	55.7%
2026	53,587	556	2,673	50,358	2026 / 27	49,693	505	2,639	46,549	2026	260,468	55.5%
2027	54,204	556	2,723	50,925	2027 / 28	50,293	504	2,689	47,100	2027	262,301	55.2%
2028	54,788	556	2,769	51,463	2028 / 29	50,860	506	2,742	47,612	2028	264,537	55.1%
2029	55,609	556	2,817	52,236	2029 / 30	51,462	506	2,791	48,165	2029	266,535	54.7%

*As of 1/1/2022 capacity, demand, and energy data will include the integration of Gulf into FPL throughout.

NOTE: FORECASTED SUMMER AND WINTER DEMANDS ARE NON-COINCIDENT.

**2020
LOAD AND RESOURCE PLAN
FLORIDA RELIABILITY COORDINATING COUNCIL
FRCC Form 4.0
HISTORY AND FORECAST OF ENERGY CONSUMPTION AND
NUMBER OF CUSTOMERS BY CUSTOMER CLASS
AS OF JANUARY 1, 2020**

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
YEAR	RURAL & RESIDENTIAL			COMMERCIAL			INDUSTRIAL			STREET & HIGHWAY LIGHTING GWH	OTHER SALES GWH	TOTAL SALES GWH	WHOLESALE PURCHASES FOR RESALE GWH	WHOLESALE SALES FOR RESALE GWH	UTILITY USE & LOSSES GWH	AGGREGATION ADJUSTMENT GWH	NET ENERGY FOR LOAD GWH
	GWH	AVERAGE NO. OF CUSTOMERS	AVG. KWH CONSUMPTION PER CUST.	GWH	AVERAGE NO. OF CUSTOMERS	AVG. KWH CONSUMPTION PER CUST.	GWH	AVERAGE NO. OF CUSTOMERS	AVG. KWH CONSUMPTION PER CUST.								
2010	113,220	7,949,627	14,242	76,174	977,541	77,924	19,030	26,772	710,817	832	5,365	214,621	0	7,497	15,959	-4919	233,158
2011	108,105	7,986,541	13,536	76,410	984,046	77,649	18,744	26,911	696,518	825	5,340	209,424	0	6,736	11,716	-4001	223,875
2012	104,109	8,040,087	12,949	77,046	994,125	77,501	17,891	25,712	695,823	820	5,351	205,217	0	6,229	12,878	-3449	220,875
2013	105,038	8,133,269	12,915	79,473	1,006,868	78,931	15,347	20,451	750,428	814	5,297	205,969	0	5,755	12,755	-2915	221,564
2014	106,463	8,145,799	13,070	79,488	1,013,907	78,398	15,374	21,399	718,445	802	5,444	207,571	0	9,201	11,762	-3810	224,724
2015	112,373	8,274,599	13,580	82,098	1,022,399	80,299	15,557	22,457	692,746	832	5,736	216,596	0	10,576	12,407	-5145	234,434
2016	113,305	8,400,713	13,488	82,399	1,037,365	79,431	15,418	22,907	673,069	823	5,718	217,663	0	11,033	10,789	-6966	232,519
2017	111,511	8,512,941	13,099	81,867	1,050,367	77,941	15,589	22,739	685,562	727	5,731	215,425	0	10,977	11,386	-6962	230,826
2018	114,461	8,602,399	13,306	82,198	1,055,794	77,854	15,396	22,479	684,906	722	5,932	218,709	0	11,317	11,648	-5225	236,449
2019	116,305	8,770,700	13,261	83,002	1,075,553	77,171	15,492	22,452	690,005	697	5,958	221,454	0	12,054	11,737	-5504	239,741
2020-2029																	
% AAGR	0.30%			0.96%			-2.26%										0.31%
2020	115,154	8,886,252	12,959	83,114	1,088,444	76,360	15,516	22,827	679,721	657	5,993	220,434	0	10,477	11,896	-4272	238,535
2021	116,071	8,993,745	12,906	83,925	1,100,810	76,239	15,938	23,390	681,402	655	6,028	222,617	0	9,655	11,385	-3658	239,999
2022	122,058	9,529,148	12,809	88,023	1,172,077	75,100	17,948	24,025	747,055	673	6,118	234,820	0	9,435	12,147	-3529	252,873
2023	123,094	9,595,638	12,828	88,499	1,184,693	74,702	18,108	24,257	746,506	677	6,182	236,560	0	9,165	12,250	-3217	254,758
2024	124,309	9,661,472	12,866	89,067	1,195,816	74,482	18,235	24,398	747,397	688	6,229	238,528	0	8,900	12,514	-3255	256,687
2025	125,533	9,726,592	12,906	89,655	1,205,863	74,349	18,316	24,573	745,371	711	6,286	240,501	0	8,725	12,206	-2925	258,507
2026	126,594	9,790,112	12,931	90,059	1,215,575	74,088	18,366	24,749	742,091	716	6,338	242,073	0	8,553	12,522	-2680	260,468
2027	128,005	9,852,633	12,992	90,563	1,225,243	73,914	18,451	24,830	743,093	723	6,397	244,139	0	8,324	12,559	-2721	262,301
2028	129,797	9,913,114	13,093	91,279	1,234,931	73,914	18,553	24,869	746,029	722	6,457	246,808	0	7,966	12,522	-2759	264,537
2029	131,201	9,971,400	13,158	91,599	1,244,629	73,595	18,645	24,927	747,984	724	6,520	248,689	0	8,079	12,571	-2804	266,535
2020-2029																	
% AAGR	1.46%			1.09%			2.06%										1.24%

**2020
LOAD AND RESOURCE PLAN
FLORIDA RELIABILITY COORDINATING COUNCIL**

**FRCC Form 5.0
HISTORY AND FORECAST OF SUMMER PEAK DEMAND (MW)
AS OF JANUARY 1, 2020**

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
								[(2)+(3)+(4)+(5)+(6)+(7)+(8)]
YEAR	SUMMER NET FIRM PEAK DEMAND	DEMAND REDUCTION			SELF-SERVED GENERATION	CUMULATIVE CONSERVATION		SUMMER TOTAL DEMAND
		INTERRUPTIBLE LOAD	RESIDENTIAL LOAD MANAGEMENT	COMM./IND. LOAD MANAGEMENT		RESIDENTIAL	COMM./IND.	
2018	45,492	0	54	20	198	2,362	1,454	49,580
2019	48,432	0	58	20	166	2,411	1,492	52,579
2020	45,349	549	1,315	1,121	384	2,455	1,500	52,673
2021	45,680	560	1,332	1,138	379	2,497	1,522	53,108
2022	48,388	558	1,351	1,154	379	2,535	1,542	55,907
2023	48,862	557	1,369	1,173	379	2,575	1,564	56,479
2024	49,292	557	1,389	1,189	379	2,612	1,583	57,001
2025	49,807	556	1,420	1,206	379	2,650	1,602	57,620
2026	50,358	556	1,452	1,221	379	2,688	1,622	58,276
2027	50,925	556	1,484	1,239	379	2,736	1,645	58,964
2028	51,463	556	1,515	1,254	379	2,773	1,664	59,604
2029	52,236	556	1,547	1,270	379	2,815	1,686	60,489
CAAGR (%):	1.58%							

**2020
LOAD AND RESOURCE PLAN
FLORIDA RELIABILITY COORDINATING COUNCIL**

FRCC Form 6.0
**HISTORY AND FORECAST OF WINTER PEAK DEMAND (MW)
AS OF JANUARY 1, 2020**

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
								[(2)+(3)+(4)+(5)+(6)+(7)+(8)]
YEAR	WINTER NET FIRM PEAK DEMAND	INTERRUPTIBLE LOAD	DEMAND REDUCTION		SELF-SERVED GENERATION & OTHER DEMAND REDUCTIONS	CUMULATIVE CONSERVATION		WINTER TOTAL DEMAND
			RESIDENTIAL LOAD MANAGEMENT	COMM./IND. LOAD MANAGEMENT		RESIDENTIAL	COMM./IND.	
2018/19	36,008	0	53	22	207	2,472	736	39,498
2019/20	39,192	0	44	21	82	2,520	754	42,613
2020/21	41,852	508	1,527	850	379	2,555	777	48,448
2021/22	44,392	506	1,554	862	379	2,590	797	51,080
2022/23	44,821	506	1,581	872	379	2,623	820	51,602
2023/24	45,233	506	1,607	883	379	2,656	835	52,099
2024/25	45,567	506	1,643	896	379	2,686	852	52,529
2025/26	46,161	505	1,685	905	379	2,721	867	53,223
2026/27	46,549	505	1,724	915	379	2,753	881	53,706
2027/28	47,100	504	1,765	924	379	2,783	897	54,352
2028/29	47,612	506	1,807	935	379	2,813	912	54,964
2029/30	48,165	506	1,847	944	379	2,841	926	55,608
CAAGR (%):	1.57%							

**2020
LOAD AND RESOURCE PLAN
FLORIDA RELIABILITY COORDINATING COUNCIL**

**FRCC Form 7.0
HISTORY AND FORECAST OF ANNUAL NET ENERGY FOR LOAD (GWH)
AS OF JANUARY 1, 2020**

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
								[(2)+(3)+(4)+(5)+(6)+(7)+(8)]
YEAR	NET ENERGY FOR LOAD	ENERGY REDUCTION			SELF-SERVED GENERATION	CUMULATIVE CONSERVATION		TOTAL ENERGY FOR LOAD
		INTERRUPTIBLE LOAD	RESIDENTIAL LOAD MANAGEMENT	COMM./IND. LOAD MANAGEMENT		RESIDENTIAL	COMM./IND.	
2018	236,449	0	0	0	2,058	5,459	4,443	248,409
2019	239,741	0	0	0	1,891	5,553	4,604	251,789
2020	238,535	0	0	9	1,977	5,624	4,626	250,771
2021	239,999	0	0	10	1,976	5,709	4,713	252,408
2022	252,873	0	0	10	1,976	5,796	4,799	265,453
2023	254,758	0	0	10	1,976	5,881	4,874	267,499
2024	256,687	0	0	10	1,976	5,966	4,936	269,575
2025	258,507	0	0	10	1,977	6,051	4,999	271,544
2026	260,468	0	0	10	1,976	6,135	5,061	273,649
2027	262,301	0	0	11	1,976	6,218	5,123	275,629
2028	264,537	0	0	11	1,977	6,301	5,189	278,015
2029	266,535	0	0	11	1,976	6,385	5,254	280,161
CAAGR (%):	1.24%							

**2020
LOAD AND RESOURCE PLAN
FLORIDA RELIABILITY COORDINATING COUNCIL
SUMMARY OF INTERRUPTIBLE LOAD AND LOAD MANAGEMENT (MW)
2020 THROUGH 2029
SUMMER**

YEAR	DEF			FPL		JEA	SEC			TAL		TEC		FRCC TOTALS			FRCC TOTAL
	INT	RES LM	COM LM	RES LM	COM LM	INT	INT	RES LM	COM LM	RES LM	COM LM	INT	COM LM	INT	RES LM	COM LM	INT + LM
2020	325	400	91	856	907	100	37	59	22	0	0	87	101	549	1,315	1,121	2,985
2021	335	407	95	865	918	100	36	59	22	1	1	89	102	560	1,332	1,138	3,030
2022	335	414	99	873	928	100	37	62	22	2	3	86	102	558	1,351	1,154	3,063
2023	335	421	104	882	939	100	36	62	22	4	5	86	103	557	1,369	1,173	3,099
2024	335	428	108	894	949	100	36	62	22	5	7	86	103	557	1,389	1,189	3,135
2025	335	435	112	915	960	100	36	63	22	7	8	85	104	556	1,420	1,206	3,182
2026	335	442	116	939	971	100	36	64	22	7	8	85	104	556	1,452	1,221	3,229
2027	335	449	121	963	982	100	36	65	22	7	9	85	105	556	1,484	1,239	3,279
2028	335	456	125	987	993	100	36	65	22	7	9	85	105	556	1,515	1,254	3,325
2029	335	463	129	1,012	1,004	100	36	65	22	7	9	85	106	556	1,547	1,270	3,373

WINTER

YEAR	DEF			FPL		JEA	SEC			TAL		TEC		FRCC TOTALS			FRCC TOTAL
	INT	RES LM	COM LM	RES LM	COM LM	INT	INT	RES LM	COM LM	RES LM	COM LM	INT	COM LM	INT	RES LM	COM LM	INT + LM
2020/21	299	741	91	721	640	102	44	65	22	0	0	63	97	508	1,527	850	2,885
2021/22	299	755	95	733	647	102	44	66	22	0	0	61	98	506	1,554	862	2,922
2022/23	299	769	99	746	653	102	44	66	22	0	0	61	98	506	1,581	872	2,959
2023/24	299	783	103	758	659	102	44	66	22	0	0	61	99	506	1,607	883	2,996
2024/25	299	797	108	778	666	102	44	68	22	0	0	61	100	506	1,643	896	3,045
2025/26	299	811	112	804	671	102	44	70	22	0	0	60	100	505	1,685	905	3,095
2026/27	299	825	116	829	676	102	44	70	22	0	0	60	101	505	1,724	915	3,144
2027/28	299	839	120	855	681	102	44	71	22	0	0	59	101	504	1,765	924	3,193
2028/29	299	853	125	880	686	102	44	74	22	0	0	61	102	506	1,807	935	3,248
2029/30	299	867	129	906	691	102	44	74	22	0	0	61	102	506	1,847	944	3,297

2020
LOAD AND RESOURCE PLAN
FLORIDA RELIABILITY COORDINATING COUNCIL
SUMMARY OF EXISTING CAPACITY
AS OF JANUARY 1, 2020

UTILITY	NET CAPABILITY (MW)	
	SUMMER	WINTER
FLORIDA POWER & LIGHT COMPANY	26,569	26,908
FLORIDA KEYS ELECTRIC COOPERATIVE ASSOCIATION	0	0
DUKE ENERGY FLORIDA	9,902	10,894
FLORIDA MUNICIPAL POWER AGENCY	1,292	1,333
GAINESVILLE REGIONAL UTILITIES	631	661
HOMESTEAD ENERGY SERVICES	32	32
JEA	2,854	3,143
KEY WEST UTILITY BOARD	37	37
KISSIMMEE UTILITY AUTHORITY	243	255
CITY OF LAKEWORTH BEACH	77	80
LAKELAND CITY OF	844	890
NEW SMYRNA BEACH UTILITIES COMMISSION OF	22	24
ORLANDO UTILITIES COMMISSION	1,479	1,518
REEDY CREEK IMPROVEMENT DISTRICT	54	54
TALLAHASSEE CITY OF	706	776
TAMPA ELECTRIC COMPANY	5,039	5,196
SEMINOLE ELECTRIC COOPERATIVE INC	2,056	2,157
US CORPS OF ENGINEERS - MOBILE	44	44
FRCC EXISTING CAPACITY (January 1)	51,882	54,000
FRCC EXISTING CAPACITY (Summer 20, Winter 20/21)	52,255	53,695
FIRM NON-UTILITY PURCHASES (January 1)	3,588	3,774
FIRM NON-UTILITY PURCHASES (Summer 20, Winter 20/21)	3,661	3,444
TOTAL FRCC EXISTING (January 1)	55,469	57,774
TOTAL FRCC EXISTING (Summer 20, Winter 20/21)	55,916	57,139

2020
LOAD AND RESOURCE PLAN
FLORIDA RELIABILITY COORDINATING COUNCIL
FRCC Form 1.0
EXISTING GENERATING FACILITIES AS OF DECEMBER 31, 2019

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
PLANT NAME	UNIT NO.	LOCATION	UNIT TYPE	PRIMARY FUEL		ALTERNATE FUEL		ALT. FUEL STORAGE (DAYS BURN)	COMMERCIAL IN-SERVICE MO. / YEAR	EXPECTED RETIREMENT MO. / YEAR	GROSS CAPABILITY		NET CAPABILITY		STATUS
				FUEL TYPE	TRANSP. METHOD	FUEL TYPE	TRANSP. METHOD				SUMMER (MW)	WINTER (MW)	SUMMER (MW)	WINTER (MW)	
DUKE ENERGY FLORIDA															
ANCLOTE	1	PASCO	ST	NG	PL	---	---	0	10 / 1974	--- / ---	522	538	498	511	OP
ANCLOTE	2	PASCO	ST	NG	PL	---	---	0	10 / 1978	--- / ---	520	538	505	514	OP
AVON PARK	P1	HIGHLANDS	GT	NG	PL	DFO	TK	3	12 / 1968	10 / 2020	24	25	24	25	OP
AVON PARK	P2	HIGHLANDS	GT	DFO	TK	---	---	0	12 / 1968	10 / 2020	24	25	24	25	OP
BAYBORO	P1	PINELLAS	GT	DFO	WA	---	---	0	4 / 1973	12 / 2025	44	61	44	61	OP
BAYBORO	P2	PINELLAS	GT	DFO	WA	---	---	0	4 / 1973	12 / 2025	41	58	41	58	OP
BAYBORO	P3	PINELLAS	GT	DFO	WA	---	---	0	4 / 1973	12 / 2025	43	60	43	60	OP
BAYBORO	P4	PINELLAS	GT	DFO	WA	---	---	0	4 / 1973	12 / 2025	43	59	43	59	OP
CITRUS COMBINED CYCLE STATION	1GTA	CITRUS	CT	NG	PL	---	---	0	10 / 2018	--- / ---	245	300.7	244	299	OP
CITRUS COMBINED CYCLE STATION	1GTB	CITRUS	CT	NG	PL	---	---	0	10 / 2018	--- / ---	245	300.7	244	299	OP
CITRUS COMBINED CYCLE STATION	2GTA	CITRUS	CT	NG	PL	---	---	0	11 / 2018	--- / ---	245	300.7	244	299	OP
CITRUS COMBINED CYCLE STATION	2GTB	CITRUS	CT	NG	PL	---	---	0	11 / 2018	--- / ---	245	300.7	244	299	OP
CITRUS COMBINED CYCLE STATION	CC1ST	CITRUS	CA	WH	---	---	---	0	10 / 2018	--- / ---	348	349.6	328	333	OP
CITRUS COMBINED CYCLE STATION	CC2ST	CITRUS	CA	WH	---	---	---	0	11 / 2018	--- / ---	348	349.6	328	333	OP
CRYSTAL RIVER	4	CITRUS	ST	BIT	WA	BIT	RR	0	12 / 1982	--- / ---	769	767	712	721	OP
CRYSTAL RIVER	5	CITRUS	ST	BIT	WA	BIT	RR	0	10 / 1984	--- / ---	767	778	710	721	OP
DEBARY	P10	VOLUSIA	GT	DFO	TK	---	---	0	10 / 1992	--- / ---	75	95	75	95	OP
DEBARY	P2	VOLUSIA	GT	DFO	TK	---	---	0	3 / 1976	6 / 2027	48	64	48	64	OP
DEBARY	P3	VOLUSIA	GT	DFO	TK	---	---	0	12 / 1975	6 / 2027	50	65	50	65	OP
DEBARY	P4	VOLUSIA	GT	DFO	TK	---	---	0	4 / 1976	6 / 2027	50	65	50	65	OP
DEBARY	P5	VOLUSIA	GT	DFO	TK	---	---	0	12 / 1975	6 / 2027	50	65	50	65	OP
DEBARY	P6	VOLUSIA	GT	DFO	TK	---	---	0	4 / 1976	6 / 2027	51	65	51	65	OP
DEBARY	P7	VOLUSIA	GT	NG	PL	DFO	TK	8	10 / 1992	--- / ---	79	99	79	99	OP
DEBARY	P8	VOLUSIA	GT	NG	PL	DFO	TK	0	10 / 1992	--- / ---	78	96	78	96	OP
DEBARY	P9	VOLUSIA	GT	NG	PL	DFO	TK	0	10 / 1992	--- / ---	80	98	80	98	OP
HINES ENERGY COMPLEX	1GT1	POLK	CT	NG	PL	DFO	TK	0	4 / 1999	--- / ---	163	176	163	176	OP
HINES ENERGY COMPLEX	1GT2	POLK	CT	NG	PL	DFO	TK	0	4 / 1999	--- / ---	170	178	169	178	OP
HINES ENERGY COMPLEX	1ST	POLK	CA	WH	---	DFO	TK	0	4 / 1999	--- / ---	162	180	158	174	OP
HINES ENERGY COMPLEX	2GT1	POLK	CT	NG	PL	DFO	TK	0	12 / 2003	--- / ---	172	186	172	186	OP
HINES ENERGY COMPLEX	2GT2	POLK	CT	NG	PL	DFO	TK	0	12 / 2003	--- / ---	175	186	175	186	OP
HINES ENERGY COMPLEX	2ST	POLK	CA	WH	---	---	---	0	12 / 2003	--- / ---	182	197	177	191	OP
HINES ENERGY COMPLEX	3GT1	POLK	CT	NG	PL	DFO	TK	0	11 / 2005	--- / ---	173	183	173	183	OP
HINES ENERGY COMPLEX	3GT2	POLK	CT	NG	PL	DFO	TK	0	11 / 2005	--- / ---	173	184	173	183	OP
HINES ENERGY COMPLEX	3ST	POLK	CA	WH	---	---	---	0	11 / 2005	--- / ---	176	193	169	187	OP
HINES ENERGY COMPLEX	4GT1	POLK	CT	NG	PL	DFO	TK	0	12 / 2007	--- / ---	176	183	176	183	OP
HINES ENERGY COMPLEX	4GT2	POLK	CT	NG	PL	DFO	TK	0	12 / 2007	--- / ---	175	184	175	184	OP
HINES ENERGY COMPLEX	4ST	POLK	CA	WH	---	DFO	TK	0	12 / 2007	--- / ---	173	185	165	177	OP

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(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
PLANT NAME	UNIT NO.	LOCATION	UNIT TYPE	PRIMARY FUEL		ALTERNATE FUEL		ALT. FUEL STORAGE (DAYS BURN)	COMMERCIAL IN-SERVICE MO. / YEAR	EXPECTED RETIREMENT MO. / YEAR	GROSS CAPABILITY		NET CAPABILITY		STATUS
				FUEL TYPE	TRANSP. METHOD	FUEL TYPE	TRANSP. METHOD				SUMMER (MW)	WINTER (MW)	SUMMER (MW)	WINTER (MW)	
DUKE ENERGY FLORIDA (cont.)															
INTERCESSION CITY	P1	OSCEOLA	GT	DFO	PL	---	---	0	5 / 1974	--- / ---	47	64	47	64	OP
INTERCESSION CITY	P10	OSCEOLA	GT	NG	PL	DFO	PL	0	10 / 1993	--- / ---	78	96	78	96	OP
INTERCESSION CITY *	P11	OSCEOLA	GT	DFO	PL	---	---	0	1 / 1997	--- / ---	140	161	140	161	OP
INTERCESSION CITY	P12	OSCEOLA	GT	NG	PL	DFO	PL	5	12 / 2000	--- / ---	73	94	73	94	OP
INTERCESSION CITY	P13	OSCEOLA	GT	NG	PL	DFO	PL	0	12 / 2000	--- / ---	75	93	75	93	OP
INTERCESSION CITY	P14	OSCEOLA	GT	NG	PL	DFO	PL	0	12 / 2000	--- / ---	72	95	72	92	OP
INTERCESSION CITY	P2	OSCEOLA	GT	DFO	PL	---	---	0	5 / 1974	--- / ---	46	63	46	63	OP
INTERCESSION CITY	P3	OSCEOLA	GT	DFO	PL	---	---	0	5 / 1974	--- / ---	46	63	46	63	OP
INTERCESSION CITY	P4	OSCEOLA	GT	DFO	PL	---	---	0	5 / 1974	--- / ---	46	63	46	63	OP
INTERCESSION CITY	P5	OSCEOLA	GT	DFO	PL	---	---	0	5 / 1974	--- / ---	45	62	45	62	OP
INTERCESSION CITY	P6	OSCEOLA	GT	DFO	PL	---	---	0	5 / 1974	--- / ---	47	64	47	64	OP
INTERCESSION CITY	P7	OSCEOLA	GT	NG	PL	DFO	PL	5	10 / 1993	--- / ---	78	95	78	95	OP
INTERCESSION CITY	P8	OSCEOLA	GT	NG	PL	DFO	PL	0	10 / 1993	--- / ---	79	96	79	96	OP
INTERCESSION CITY	P9	OSCEOLA	GT	NG	PL	DFO	PL	0	10 / 1993	--- / ---	79	96	79	96	OP
OSPREY ENERGY CENTER	GT1	POLK	CT	NG	PL	DFO	TK	2	5 / 2004	--- / ---	81.6	81.6	81.6	81.6	OP
OSPREY ENERGY CENTER	GT2	POLK	CT	NG	PL	DFO	TK	2	5 / 2004	--- / ---	81.6	81.6	81.6	81.6	OP
OSPREY ENERGY CENTER	ST1	POLK	ST	NG	PL	DFO	TK	2	5 / 2004	--- / ---	81.7	81.7	81.7	81.7	OP
P. L. BARTOW	4AGT	PINELLAS	CT	NG	PL	DFO	TK	0	6 / 2009	--- / ---	189	216	189	215	OP
P. L. BARTOW	4BGT	PINELLAS	CT	NG	PL	DFO	TK	0	6 / 2009	--- / ---	187	210	187	209	OP
P. L. BARTOW	4CGT	PINELLAS	CT	NG	PL	DFO	TK	0	6 / 2009	--- / ---	192	220	192	219	OP
P. L. BARTOW	4DGT	PINELLAS	CT	NG	PL	DFO	TK	0	6 / 2009	--- / ---	188	216	187	215	OP
P. L. BARTOW	4ST	PINELLAS	CA	WH	NA	DFO	TK	0	6 / 2009	--- / ---	405	385	389	369	OP
P. L. BARTOW	P1	PINELLAS	GT	DFO	WA	---	---	0	5 / 1972	6 / 2027	41	52	41	52	OP
P. L. BARTOW	P2	PINELLAS	GT	NG	PL	DFO	WA	8	6 / 1972	--- / ---	41	57	41	57	OP
P. L. BARTOW	P3	PINELLAS	GT	DFO	WA	---	---	0	6 / 1972	6 / 2027	41	53	41	53	OP
P. L. BARTOW	P4	PINELLAS	GT	NG	PL	DFO	WA	8	6 / 1972	--- / ---	45	61	45	61	OP
SUWANNEE RIVER	P1	SUWANNEE	GT	NG	PL	DFO	TK	9	10 / 1980	--- / ---	49	68	49	68	OP
SUWANNEE RIVER	P2	SUWANNEE	GT	DFO	TK	---	---	0	10 / 1980	--- / ---	50	67	50	67	OP
SUWANNEE RIVER	P3	SUWANNEE	GT	NG	PL	DFO	TK	0	11 / 1980	--- / ---	50	68	50	68	OP
TIGER BAY	1GT	POLK	CT	NG	PL	---	---	0	8 / 1997	--- / ---	130	160	130	160	OP
TIGER BAY	1ST	POLK	CA	WH	---	---	---	0	8 / 1997	--- / ---	73	74	70	71	OP
UNIVERSITY OF FLORIDA	P1	ALACHUA	GT	NG	PL	---	---	0	1 / 1994	11 / 2027	66	47	44	46	OP
DEF TOTAL (Excluding Solar):													9783	10894	

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(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
PLANT NAME	UNIT NO.	LOCATION	UNIT TYPE	PRIMARY FUEL		ALTERNATE FUEL		ALT. FUEL STORAGE (DAYS BURN)	COMMERCIAL IN-SERVICE MO. / YEAR	EXPECTED RETIREMENT MO. / YEAR	GROSS CAPABILITY		NET CAPABILITY		STATUS
				FUEL TYPE	TRANSP. METHOD	FUEL TYPE	TRANSP. METHOD				SUMMER (MW)	WINTER (MW)	SUMMER (MW)	WINTER (MW)	
FLORIDA KEYS ELECTRIC COOPERATIVE ASSOCIATION INC															
MARATHON	1	MONROE	IC	DFO	TK	RFO	TK	0	6 / 1988	--- / ---	2	2	2	2	SB
MARATHON	2	MONROE	IC	DFO	TK	RFO	TK	0	6 / 1988	--- / ---	2	2	2	2	SB
MARATHON	8	MONROE	IC	DFO	TK	RFO	TK	0	1 / 1998	--- / ---	3.5	3.5	3.5	3.5	SB
MARATHON	9	MONROE	IC	DFO	TK	RFO	TK	0	1 / 2001	--- / ---	3.5	3.5	3.5	3.5	SB
FKE TOTAL:													0	0	
FLORIDA MUNICIPAL POWER AGENCY															
CANE ISLAND *	1GT	OSCEOLA	GT	NG	PL	DFO	TK	0	11 / 1994	--- / ---	17.5	19	17.5	19	OP
CANE ISLAND *	2CT	OSCEOLA	CT	NG	PL	DFO	TK	0	6 / 1995	--- / ---	35.5	37.5	34.5	36.5	OP
CANE ISLAND *	2CW	OSCEOLA	CA	WH	---	DFO	---	0	6 / 1995	--- / ---	22	22	20	20	OP
CANE ISLAND *	3CT	OSCEOLA	CT	NG	PL	---	---	0	1 / 2002	--- / ---	77	81	75	79	OP
CANE ISLAND *	3CW	OSCEOLA	CA	WH	---	DFO	---	0	1 / 2002	--- / ---	47.5	48.5	45	46	OP
CANE ISLAND	4CT	OSCEOLA	CT	NG	PL	---	---	0	7 / 2011	--- / ---	154	159	150	155	OP
CANE ISLAND	4CW	OSCEOLA	CA	WH	---	---	---	0	7 / 2011	--- / ---	153	158	150	155	OP
INDIAN RIVER	A	BREVARD	GT	NG	PL	DFO	TK	0	7 / 1989	--- / ---	14.2	18	12.2	14.1	OP
INDIAN RIVER	B	BREVARD	GT	NG	PL	DFO	TK	0	7 / 1989	--- / ---	14.2	18	12.2	14.1	OP
INDIAN RIVER *	C	BREVARD	GT	NG	PL	DFO	TK	0	8 / 1992	--- / ---	22.3	26.2	21.6	23	OP
INDIAN RIVER *	D	BREVARD	GT	NG	PL	DFO	TK	0	8 / 1992	--- / ---	22.3	26.2	21.6	23	OP
ST. LUCIE *	2	ST. LUCIE	ST	NUC	TK	---	---	0	6 / 1983	--- / ---	86.2	89.6	86.2	89.6	OP
STANTON *	1	ORANGE	ST	BIT	RR	---	---	0	7 / 1987	--- / ---	121.1	121.1	120	120	OP
STANTON *	2	ORANGE	ST	BIT	RR	---	---	0	6 / 1996	--- / ---	129.9	129.9	128.7	128.7	OP
STANTON A *	CT	ORANGE	CT	NG	PL	DFO	TK	3	10 / 2003	--- / ---	11.6	13.1	11.6	13.1	OP
STANTON A *	ST	ORANGE	CA	WH	PL	DFO	TK	3	10 / 2003	--- / ---	10.3	10.4	10.3	10.4	OP
STOCK ISLAND	CT2	MONROE	GT	DFO	WA	---	---	0	9 / 1999	--- / ---	15.9	15.9	15.9	15.9	OP
STOCK ISLAND	CT3	MONROE	GT	DFO	WA	---	---	0	9 / 1999	--- / ---	14.1	14.1	14.1	14.1	OP
STOCK ISLAND	CT4	MONROE	GT	DFO	WA	---	---	0	6 / 2006	--- / ---	46	46	46	46	OP
TREASURE COAST ENERGY CTR	1	ST. LUCIE	CT	NG	PL	DFO	TK	0	6 / 2008	--- / ---	154	159	150	155	OP
TREASURE COAST ENERGY CTR	1	ST. LUCIE	CA	WH	---	DFO	RR	0	6 / 2008	--- / ---	153	158	150	155	OP
FMPA TOTAL:													1292	1333	

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(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
PLANT NAME	UNIT NO.	LOCATION	UNIT TYPE	PRIMARY FUEL		ALTERNATE FUEL		ALT. FUEL STORAGE (DAYS BURN)	COMMERCIAL IN-SERVICE MO. / YEAR	EXPECTED RETIREMENT MO. / YEAR	GROSS CAPABILITY		NET CAPABILITY		STATUS
				FUEL TYPE	TRANSP. METHOD	FUEL TYPE	TRANSP. METHOD				SUMMER (MW)	WINTER (MW)	SUMMER (MW)	WINTER (MW)	
FLORIDA POWER & LIGHT COMPANY															
CAPE CANAVERAL	3A	BREVARD	CT	NG	PL	DFO	TK	4	4 / 2013	--- / ---	270.5	300.9	270.5	300.9	OP
CAPE CANAVERAL	3B	BREVARD	CT	NG	PL	DFO	TK	4	4 / 2013	--- / ---	270.5	300.9	270.5	300.9	OP
CAPE CANAVERAL	3C	BREVARD	CT	NG	PL	DFO	TK	4	4 / 2013	--- / ---	270.5	300.9	270.5	300.9	OP
CAPE CANAVERAL	3ST	BREVARD	ST	NG	PL	DFO	TK	4	4 / 2013	--- / ---	495.5	507.3	478.5	490.3	OP
FT. MYERS	1	LEE	GT	DFO	WA	---	---	0	5 / 1974	--- / ---	54.2	61.7	54	61.5	OP
FT. MYERS	9	LEE	GT	DFO	WA	---	---	0	5 / 1974	--- / ---	54.2	61.7	54	61.5	OP
FT. MYERS	2CTA	LEE	CT	NG	PL	---	---	0	6 / 2002	--- / ---	199.5	207	199.5	207	OP
FT. MYERS	2CTB	LEE	CT	NG	PL	---	---	0	6 / 2002	--- / ---	199.5	207	199.5	207	OP
FT. MYERS	2CTC	LEE	CT	NG	PL	---	---	0	6 / 2002	--- / ---	199.5	207	199.5	207	OP
FT. MYERS	2CTD	LEE	CT	NG	PL	---	---	0	6 / 2002	--- / ---	199.5	207	199.5	207	OP
FT. MYERS	2CTE	LEE	CT	NG	PL	---	---	0	6 / 2002	--- / ---	199.5	207	199.5	207	OP
FT. MYERS	2CTF	LEE	CT	NG	PL	---	---	0	6 / 2002	--- / ---	199.5	207	199.5	207	OP
FT. MYERS	2ST1	LEE	CA	WH	NA	---	---	0	6 / 2002	--- / ---	155.8	141	155.8	141	OP
FT. MYERS	2ST2	LEE	CA	WH	NA	---	---	0	6 / 2002	--- / ---	481.3	426.4	459.2	404	OP
FT. MYERS	3CTA	LEE	CT	NG	PL	DFO	TK	7	6 / 2001	--- / ---	195.6	198.6	195	198	OP
FT. MYERS	3CTB	LEE	CT	NG	PL	DFO	TK	7	6 / 2001	--- / ---	195.6	198.6	195	198	OP
FT. MYERS	3CTC	LEE	CT	NG	TK	DFO	---	7	12 / 2016	--- / ---	231.6	222.6	231	222	OP
FT. MYERS	3CTD	LEE	CT	NG	TK	DFO	---	7	12 / 2016	--- / ---	231.6	222.6	231	222	OP
LAUDERDALE	3	BROWARD	GT	NG	PL	DFO	TK	3	8 / 1970	--- / ---	34.4	37.3	34.3	37.2	OP
LAUDERDALE	5	BROWARD	GT	NG	PL	DFO	TK	3	8 / 1970	--- / ---	34.4	37.3	34.3	37.2	OP
LAUDERDALE	6CTA	BROWARD	CT	NG	PL	DFO	TK	2	12 / 2016	--- / ---	231.6	222.6	231	222	OP
LAUDERDALE	6CTB	BROWARD	CT	NG	PL	DFO	TK	2	12 / 2016	--- / ---	231.6	222.6	231	222	OP
LAUDERDALE	6CTC	BROWARD	CT	NG	PL	DFO	TK	2	12 / 2016	--- / ---	231.6	222.6	231	222	OP
LAUDERDALE	6CTD	BROWARD	CT	NG	PL	DFO	TK	2	12 / 2016	--- / ---	231.6	222.6	231	222	OP
LAUDERDALE	6CTE	BROWARD	CT	NG	PL	DFO	TK	2	12 / 2016	--- / ---	231.6	222.6	231	222	OP
MANATEE	1	MANATEE	ST	NG	PL	RFO	WA	21	10 / 1976	10 / 2021	841	851.6	809	819	OP
MANATEE	2	MANATEE	ST	NG	PL	RFO	WA	21	12 / 1977	10 / 2021	841	851.6	809	819	OP
MANATEE	3CTA	MANATEE	CT	NG	PL	---	---	0	6 / 2005	--- / ---	199.1	207	199.1	207	OP
MANATEE	3CTB	MANATEE	CT	NG	PL	---	---	0	6 / 2005	--- / ---	199.1	207	199.1	207	OP
MANATEE	3CTC	MANATEE	CT	NG	PL	---	---	0	6 / 2005	--- / ---	199.1	207	199.1	207	OP
MANATEE	3CTD	MANATEE	CT	NG	PL	---	---	0	6 / 2005	--- / ---	199.1	207	199.1	207	OP
MANATEE	3ST	MANATEE	CA	NG	PL	---	---	0	6 / 2005	--- / ---	470.6	455	452.6	437	OP
MARTIN	3GT1	MARTIN	CT	NG	PL	---	---	0	2 / 1994	--- / ---	165	185	165	185	OP
MARTIN	3GT2	MARTIN	CT	NG	PL	---	---	0	2 / 1994	--- / ---	165	185	165	185	OP
MARTIN	3ST	MARTIN	CA	NG	PL	---	---	0	2 / 1994	--- / ---	163	169	157	163	OP
MARTIN	4GT1	MARTIN	CT	NG	PL	DFO	TK	0	4 / 1994	--- / ---	165	185	165	185	OP
MARTIN	4GT2	MARTIN	CT	NG	PL	---	---	0	4 / 1994	--- / ---	165	185	165	185	OP

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(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
PLANT NAME	UNIT NO.	LOCATION	UNIT TYPE	PRIMARY FUEL		ALTERNATE FUEL		ALT. FUEL STORAGE (DAYS BURN)	COMMERCIAL IN-SERVICE MO. / YEAR	EXPECTED RETIREMENT MO. / YEAR	GROSS CAPABILITY		NET CAPABILITY		STATUS
				FUEL TYPE	TRANSP. METHOD	FUEL TYPE	TRANSP. METHOD				SUMMER (MW)	WINTER (MW)	SUMMER (MW)	WINTER (MW)	
FLORIDA POWER & LIGHT COMPANY (cont.)															
MARTIN	4ST	MARTIN	CA	NG	PL	---	---	0	4 / 1994	--- / ---	163	169	157	163	OP
MARTIN	8CTA	MARTIN	CT	NG	PL	DFO	---	0	6 / 2005	--- / ---	196.8	207	196.8	207	OP
MARTIN	8CTB	MARTIN	CT	NG	PL	DFO	---	0	6 / 2005	--- / ---	196.8	207	196.8	207	OP
MARTIN	8CTC	MARTIN	CT	NG	PL	DFO	TK	3	6 / 2005	--- / ---	196.8	207	196.8	207	OP
MARTIN	8CTD	MARTIN	CT	NG	PL	DFO	TK	3	6 / 2005	--- / ---	196.8	207	196.8	207	OP
MARTIN	8ST	MARTIN	CA	NG	PL	DFO	TK	0	6 / 2005	--- / ---	470.8	466	447.8	443	OP
OKEECHOBEE	1A	OKEECHOBEE	CT	NG	PL	DFO	TK	3	3 / 2019	--- / ---	396.3	387	396.3	387	OP
OKEECHOBEE	1B	OKEECHOBEE	CT	NG	PL	DFO	TK	3	3 / 2019	--- / ---	396.3	387	396.3	387	OP
OKEECHOBEE	1C	OKEECHOBEE	CT	NG	PL	DFO	TK	3	3 / 2019	--- / ---	396.3	387	396.3	387	OP
OKEECHOBEE	1ST	OKEECHOBEE	CA	NG	PL	DFO	TK	3	3 / 2019	--- / ---	558.7	538.3	531.1	511	OP
PORT EVERGLADES	5A	BROWARD	CT	NG	PL	DFO	TK	5	4 / 2016	--- / ---	271.9	297.1	271.9	297.1	OP
PORT EVERGLADES	5B	BROWARD	CT	NG	PL	DFO	TK	5	4 / 2016	--- / ---	271.9	297.1	271.9	297.1	OP
PORT EVERGLADES	5C	BROWARD	CT	NG	PL	DFO	TK	5	4 / 2016	--- / ---	271.9	297.1	271.9	297.1	OP
PORT EVERGLADES	5ST	BROWARD	CA	NG	PL	DFO	TK	5	4 / 2016	--- / ---	438.3	463.7	421.3	446.7	OP
RIVIERA	5A	PALM BEACH	CT	NG	PL	DFO	TK	4	6 / 2014	--- / ---	270.5	300.9	270.5	300.9	OP
RIVIERA	5B	PALM BEACH	CT	NG	PL	DFO	TK	4	6 / 2014	--- / ---	270.5	300.9	270.5	300.9	OP
RIVIERA	5C	PALM BEACH	CT	NG	PL	DFO	TK	4	6 / 2014	--- / ---	270.5	300.9	270.5	300.9	OP
RIVIERA	5ST	PALM BEACH	CA	NG	PL	DFO	TK	4	6 / 2014	--- / ---	495.5	507.3	478.5	490.3	OP
SANFORD	4CTA	VOLUSIA	CT	NG	PL	---	---	0	10 / 2003	--- / ---	173.8	207	173.8	207	OP
SANFORD	4CTB	VOLUSIA	CT	NG	PL	---	---	0	10 / 2003	--- / ---	173.8	207	173.8	207	OP
SANFORD	4CTC	VOLUSIA	CT	NG	PL	---	---	0	10 / 2003	--- / ---	173.8	207	173.8	207	OP
SANFORD	4CTD	VOLUSIA	CT	NG	PL	---	---	0	10 / 2003	--- / ---	173.8	207	173.8	207	OP
SANFORD	4ST	VOLUSIA	CA	NG	PL	---	---	0	10 / 2003	--- / ---	346.8	332	333.8	319	OP
SANFORD	5CTA	VOLUSIA	CT	NG	PL	---	---	0	6 / 2002	--- / ---	197	207	197	207	OP
SANFORD	5CTB	VOLUSIA	CT	NG	PL	---	---	0	6 / 2002	--- / ---	197	207	197	207	OP
SANFORD	5CTC	VOLUSIA	CT	NG	PL	---	---	0	6 / 2002	--- / ---	197	207	197	207	OP
SANFORD	5CTD	VOLUSIA	CT	NG	PL	---	---	0	6 / 2002	--- / ---	197	207	197	207	OP
SANFORD	5ST	VOLUSIA	CA	NG	PL	---	---	0	6 / 2002	--- / ---	401.4	373	388	360	OP
SCHERER *	4	MONROE, GA	ST	BIT	RR	---	---	0	7 / 1988	12 / 2021	639	638	634	635	OP
ST. LUCIE	1	ST. LUCIE	ST	NUC	TK	---	---	0	5 / 1976	--- / ---	1032	1072	981	1003	OP
ST. LUCIE *	2	ST. LUCIE	ST	NUC	TK	---	---	0	6 / 1983	--- / ---	843	862	840	860	OP
TURKEY POINT	1	DADE	ST	RFO	WA	NG	PL	0	4 / 1967	--- / ---	0	0	0	0	SC
TURKEY POINT	2	DADE	ST	RFO	WA	NG	PL	0	4 / 1968	--- / ---	0	0	0	0	SC
TURKEY POINT	3	DADE	ST	NUC	TK	---	---	0	12 / 1972	--- / ---	872.2	894.2	837	859	OP
TURKEY POINT	4	DADE	ST	NUC	TK	---	---	0	9 / 1973	--- / ---	856.2	883.2	821	848	OP
TURKEY POINT	5CTA	DADE	CT	NG	PL	DFO	TK	3	5 / 2007	--- / ---	196.7	207	196.7	207	OP
TURKEY POINT	5CTB	DADE	CT	NG	PL	DFO	TK	3	5 / 2007	--- / ---	196.7	207	196.7	207	OP

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(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
PLANT NAME	UNIT NO.	LOCATION	UNIT TYPE	PRIMARY FUEL		ALTERNATE FUEL		ALT. FUEL STORAGE (DAYS BURN)	COMMERCIAL IN-SERVICE MO. / YEAR	EXPECTED RETIREMENT MO. / YEAR	GROSS CAPABILITY		NET CAPABILITY		STATUS
				FUEL TYPE	TRANSP. METHOD	FUEL TYPE	TRANSP. METHOD				SUMMER (MW)	WINTER (MW)	SUMMER (MW)	WINTER (MW)	
FLORIDA POWER & LIGHT COMPANY (cont.)															
TURKEY POINT	5CTC	DADE	CT	NG	PL	DFO	TK	3	5 / 2007	--- / ----	196.7	207	196.7	207	OP
TURKEY POINT	5CTD	DADE	CT	NG	PL	DFO	TK	3	5 / 2007	--- / ----	196.7	207	196.7	207	OP
TURKEY POINT	5ST	DADE	CA	NG	PL	DFO	TK	3	5 / 2007	--- / ----	508.2	508	483.2	483	OP
WEST COUNTY	3GT1	PALM BEACH	CT	NG	PL	DFO	TK	2	6 / 2011	--- / ----	252.6	287.4	252.6	287.4	OP
WEST COUNTY	3GT2	PALM BEACH	CT	NG	PL	DFO	TK	2	6 / 2011	--- / ----	252.6	287.4	252.6	287.4	OP
WEST COUNTY	3GT3	PALM BEACH	CT	NG	PL	DFO	TK	2	6 / 2011	--- / ----	252.6	287.4	252.6	287.4	OP
WEST COUNTY	3ST	PALM BEACH	CA	NG	PL	DFO	TK	2	6 / 2011	--- / ----	502.2	508.8	480.2	486.8	OP
WEST COUNTY	CT1A	PALM BEACH	CT	NG	PL	DFO	TK	2	8 / 2009	--- / ----	257.7	295.6	257.7	295.6	OP
WEST COUNTY	CT1B	PALM BEACH	CT	NG	PL	DFO	TK	0	8 / 2009	--- / ----	257.7	295.6	257.7	295.6	OP
WEST COUNTY	CT1C	PALM BEACH	CT	NG	PL	DFO	TK	2	8 / 2009	--- / ----	257.7	295.6	257.7	295.6	OP
WEST COUNTY	CT2A	PALM BEACH	CT	NG	PL	DFO	TK	2	11 / 2009	--- / ----	257.7	295.6	257.7	295.6	OP
WEST COUNTY	CT2B	PALM BEACH	CT	NG	PL	DFO	TK	2	11 / 2009	--- / ----	257.7	295.6	257.7	295.6	OP
WEST COUNTY	CT2C	PALM BEACH	CT	NG	PL	DFO	TK	2	11 / 2009	--- / ----	257.7	295.6	257.7	295.6	OP
WEST COUNTY	ST1	PALM BEACH	CA	NG	PL	DFO	TK	2	8 / 2009	--- / ----	507.9	504.2	485.9	482.2	OP
WEST COUNTY	ST2	PALM BEACH	CA	NG	PL	DFO	TK	2	11 / 2009	--- / ----	507.9	504.2	485.9	482.2	OP
FPL TOTAL (Excluding Solar):													25953	26908	
GAINESVILLE REGIONAL UTILITIES															
DEERHAVEN	FS01	ALACHUA	ST	NG	PL	RFO	TK	0	8 / 1972	12 / 2022	80	80	75	75	OP
DEERHAVEN	FS02	ALACHUA	ST	BIT	RR	---	---	0	10 / 1981	--- / ----	251	251	228	228	OP
DEERHAVEN	GT01	ALACHUA	GT	NG	PL	DFO	TK	0	7 / 1976	10 / 2026	18	23	17.5	22	OP
DEERHAVEN	GT02	ALACHUA	GT	NG	PL	DFO	TK	0	8 / 1976	10 / 2026	18	23	17.5	22	OP
DEERHAVEN	GT03	ALACHUA	GT	NG	PL	DFO	TK	0	1 / 1996	--- / ----	71.5	82	71	81	OP
DEERHAVEN RENEWABLE	1	ALACHUA	ST	WDS	TK	---	---	0	12 / 2013	--- / ----	116	116	103	103	OP
J. R. KELLY	FS08	ALACHUA	CA	WH	---	---	---	0	5 / 2001	--- / ----	37.5	38	36	37	OP
J. R. KELLY	GT04	ALACHUA	CT	NG	PL	DFO	TK	0	5 / 2001	--- / ----	72.5	82	72	81	OP
SOUTH ENERGY CENTER	1	ALACHUA	GT	NG	PL	---	---	0	5 / 2009	--- / ----	4.5	4.5	3.8	4.1	OP
SOUTH ENERGY CENTER	2	ALACHUA	IC	NG	PL	---	---	0	12 / 2017	--- / ----	7.4	7.4	7.4	7.4	OP
GRU TOTAL:													631	661	

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(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
PLANT NAME	UNIT NO.	LOCATION	UNIT TYPE	PRIMARY FUEL		ALTERNATE FUEL		ALT. FUEL STORAGE (DAYS BURN)	COMMERCIAL IN-SERVICE MO. / YEAR	EXPECTED RETIREMENT MO. / YEAR	GROSS CAPABILITY		NET CAPABILITY		STATUS
				FUEL TYPE	TRANSP. METHOD	FUEL TYPE	TRANSP. METHOD				SUMMER (MW)	WINTER (MW)	SUMMER (MW)	WINTER (MW)	
HOMESTEAD ENERGY SERVICES															
G. W. IVEY	2	DADE	IC	NG	PL	DFO	TK	100	3 / 1970	--- / ---	2	2	1.8	1.8	OP
G. W. IVEY	3	DADE	IC	NG	PL	DFO	TK	100	3 / 1970	--- / ---	2	2	1.8	1.8	OP
G. W. IVEY	13	DADE	IC	NG	PL	DFO	TK	100	11 / 1972	--- / ---	2	2	1.8	1.8	OP
G. W. IVEY	14	DADE	IC	NG	PL	DFO	TK	100	11 / 1972	--- / ---	2	2	1.8	1.8	OP
G. W. IVEY	15	DADE	IC	NG	PL	DFO	TK	100	11 / 1972	--- / ---	2	2	1.8	1.8	OP
G. W. IVEY	16	DADE	IC	NG	PL	DFO	TK	100	11 / 1972	--- / ---	2	2	1.8	1.8	OP
G. W. IVEY	17	DADE	IC	NG	PL	DFO	TK	100	11 / 1972	--- / ---	2	2	1.8	1.8	OP
G. W. IVEY	19	DADE	IC	NG	PL	DFO	TK	100	2 / 1975	--- / ---	9	9	7.5	7.5	OP
G. W. IVEY	20	DADE	IC	NG	PL	DFO	TK	100	5 / 1981	--- / ---	6.5	6.5	6	6	OP
G. W. IVEY	21	DADE	IC	NG	PL	DFO	TK	100	5 / 1981	--- / ---	6.5	6.5	6	6	OP
HST TOTAL:												32	32		
JEA															
BRANDY BRANCH	CT2	DUVAL	CT	NG	PL	---	---	0	5 / 2001	--- / ---	192	215	190	209	OP
BRANDY BRANCH	CT3	DUVAL	CT	NG	PL	DFO	TK	0	10 / 2001	--- / ---	192	215	190	209	OP
BRANDY BRANCH	GT1	DUVAL	GT	NG	PL	DFO	TK	8	5 / 2001	--- / ---	150.5	192.7	150	191	OP
BRANDY BRANCH	STM4	DUVAL	CA	WH	---	---	---	0	1 / 2005	--- / ---	225	225	216	216	OP
GREENLAND ENERGY CTR	GT1	DUVAL	GT	NG	PL	---	---	2	6 / 2011	--- / ---	150.5	192.7	150	191	OP
GREENLAND ENERGY CTR	GT2	DUVAL	GT	NG	PL	---	---	2	6 / 2011	--- / ---	150.5	192.7	150	191	OP
J. D. KENNEDY	GT7	DUVAL	GT	NG	PL	DFO	WA	4	6 / 2000	--- / ---	150.5	192.7	150	191	OP
J. D. KENNEDY	GT8	DUVAL	GT	NG	PL	DFO	WA	4	6 / 2009	--- / ---	150.5	192.7	150	191	OP
NORTHSIDE	1	DUVAL	ST	PC	WA	BIT	WA	0	5 / 2003	--- / ---	310	310	293	293	OP
NORTHSIDE	2	DUVAL	ST	PC	WA	BIT	WA	0	4 / 2003	--- / ---	310	310	293	293	OP
NORTHSIDE	3	DUVAL	ST	NG	PL	RFO	WA	9	6 / 1977	--- / ---	540	540	524	524	OP
NORTHSIDE	GT3	DUVAL	GT	DFO	WA	---	---	0	1 / 1975	--- / ---	50.4	62	50	61.6	OP
NORTHSIDE	GT4	DUVAL	GT	DFO	WA	---	---	0	1 / 1975	--- / ---	50.4	62	50	61.6	OP
NORTHSIDE	GT5	DUVAL	GT	DFO	WA	---	---	0	12 / 1974	--- / ---	50.4	62	50	61.6	OP
NORTHSIDE	GT6	DUVAL	GT	DFO	WA	---	---	0	12 / 1974	--- / ---	50.4	62	50	61.6	OP
SCHERER *	4	MONROE, GA	ST	BIT	RR	---	---	0	2 / 1989	--- / ---	210	210	198	198	OP
JEA TOTAL:												2854	3143		

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(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
PLANT NAME	UNIT NO.	LOCATION	UNIT TYPE	PRIMARY FUEL		ALTERNATE FUEL		ALT. FUEL STORAGE (DAYS BURN)	COMMERCIAL IN-SERVICE MO. / YEAR	EXPECTED RETIREMENT MO. / YEAR	GROSS CAPABILITY		NET CAPABILITY		STATUS
				FUEL TYPE	TRANSP. METHOD	FUEL TYPE	TRANSP. METHOD				SUMMER (MW)	WINTER (MW)	SUMMER (MW)	WINTER (MW)	
KEY WEST UTILITY BOARD															
STOCK ISLAND	EP2	MONROE	IC	DFO	TK	---	---	0	7 / 2014	--- / ---	2	2	2	2	OP
STOCK ISLAND	GT1	MONROE	GT	DFO	WA	---	---	0	11 / 1978	--- / ---	19.8	19.8	18.5	18.5	OP
STOCK ISLAND MSD	MSD1	MONROE	IC	DFO	WA	---	---	0	6 / 1991	--- / ---	8.8	8.8	8	8	OP
STOCK ISLAND MSD	MSD2	MONROE	IC	DFO	WA	---	---	0	6 / 1991	--- / ---	8.8	8.8	8	8	OP
KEY TOTAL:													37	37	
KEISSIMMEE UTILITY AUTHORITY															
CANE ISLAND *	1GT	OSCEOLA	GT	NG	PL	DFO	TK	0	1 / 1995	--- / ---	17.5	19	17.5	19	OP
CANE ISLAND *	2CT	OSCEOLA	CT	NG	PL	DFO	TK	0	6 / 1995	--- / ---	35.5	37.5	34.5	36.5	OP
CANE ISLAND *	2CW	OSCEOLA	CA	WH	---	DFO	---	0	6 / 1995	--- / ---	22	22	20	20	OP
CANE ISLAND *	3CT	OSCEOLA	CT	NG	PL	DFO	TK	0	1 / 2002	--- / ---	77	81	75	79	OP
CANE ISLAND *	3CW	OSCEOLA	CA	WH	---	DFO	---	0	1 / 2002	--- / ---	47.5	48.5	45	46	OP
INDIAN RIVER *	A	BREVARD	GT	NG	PL	DFO	TK	0	7 / 1989	--- / ---	4.4	5.6	3.8	4.4	OP
INDIAN RIVER *	B	BREVARD	GT	NG	PL	DFO	TK	0	7 / 1989	--- / ---	4.4	5.6	3.8	4.4	OP
STANTON *	1	ORANGE	ST	BIT	RR	---	---	0	7 / 1987	--- / ---	22	22	21.8	21.8	OP
STANTON A *	CT	ORANGE	CT	NG	PL	DFO	TK	3	10 / 2003	--- / ---	11.6	13.1	11.6	13.1	OP
STANTON A *	ST	ORANGE	CA	WH	PL	DFO	TK	3	10 / 2003	--- / ---	10.3	10.4	10.3	10.4	OP
KUA TOTAL:													243	255	
LAKELAND CITY OF															
LARSEN	2	POLK	GT	NG	PL	DFO	TK	0	11 / 1962	--- / ---	10	14	10	14	OP
LARSEN	3	POLK	GT	NG	PL	DFO	TK	0	12 / 1962	--- / ---	9	13	9	13	OP
LARSEN	8CT	POLK	CT	NG	PL	DFO	TK	0	7 / 1992	--- / ---	78	95	76	93	OP
LARSEN	8ST	POLK	CA	WH	---	---	---	0	4 / 1956	--- / ---	29	31	29	31	OP
MCINTOSH	2	POLK	ST	NG	PL	RFO	TK	0	6 / 1976	4 / 2020	114	114	106	106	OP
MCINTOSH *	3	POLK	ST	BIT	RR	---	---	0	9 / 1982	--- / ---	219	219	205	205	OP
MCINTOSH	5CT	POLK	CT	NG	PL	---	---	0	5 / 2001	--- / ---	219	239	212	233	OP
MCINTOSH	5ST	POLK	CA	WH	---	---	---	0	5 / 2002	--- / ---	126	121	126	121	OP
MCINTOSH	D1	POLK	IC	DFO	TK	---	---	0	1 / 1970	--- / ---	2.5	2.5	2.5	2.5	OP

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(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
PLANT NAME	UNIT NO.	LOCATION	UNIT TYPE	PRIMARY FUEL		ALTERNATE FUEL		ALT. FUEL STORAGE (DAYS BURN)	COMMERCIAL IN-SERVICE MO. / YEAR	EXPECTED RETIREMENT MO. / YEAR	GROSS CAPABILITY		NET CAPABILITY		STATUS
				FUEL TYPE	TRANSP. METHOD	FUEL TYPE	TRANSP. METHOD				SUMMER (MW)	WINTER (MW)	SUMMER (MW)	WINTER (MW)	
LAKELAND CITY OF (cont.)															
MCINTOSH	D2	POLK	IC	DFO	TK	---	---	0	1 / 1970	--- / ---	2.5	2.5	2.5	2.5	OP
MCINTOSH	GT1	POLK	GT	NG	PL	DFO	TK	0	5 / 1973	--- / ---	17	19	16	19	OP
WINSTON	1-5	POLK	IC	DFO	TK	---	---	0	12 / 2001	--- / ---	12.5	12.5	12.5	12.5	OP
WINSTON	6-10	POLK	IC	DFO	TK	---	---	0	12 / 2001	--- / ---	12.5	12.5	12.5	12.5	OP
WINSTON	11-15	POLK	IC	DFO	TK	---	---	0	12 / 2001	--- / ---	12.5	12.5	12.5	12.5	OP
WINSTON	16-20	POLK	IC	DFO	TK	---	---	0	12 / 2001	--- / ---	12.5	12.5	12.5	12.5	OP
LAK TOTAL:													844	890	
CITY OF LAKEWORTH BEACH															
TOM G. SMITH	GT-1	PALM BEACH	GT	DFO	TK	---	---	0	12 / 1976	--- / ---	26	29	26	27	OP
TOM G. SMITH	GT-2	PALM BEACH	CT	NG	PL	DFO	TK	2	3 / 1978	--- / ---	21	23	20	20	OP
TOM G. SMITH	MU1	PALM BEACH	IC	DFO	TK	---	---	0	12 / 1965	--- / ---	2	2	1.8	2	IR
TOM G. SMITH	MU2	PALM BEACH	IC	DFO	TK	---	---	0	12 / 1965	--- / ---	2	2	1.8	2	IR
TOM G. SMITH	MU3	PALM BEACH	IC	DFO	TK	---	---	0	12 / 1965	--- / ---	2	2	1.8	2	IR
TOM G. SMITH	MU4	PALM BEACH	IC	DFO	TK	---	---	0	12 / 1965	--- / ---	2	2	1.8	2	IR
TOM G. SMITH	MU5	PALM BEACH	IC	DFO	TK	---	---	0	12 / 1965	--- / ---	2	2	1.8	2	IR
TOM G. SMITH	S-3	PALM BEACH	ST	NG	PL	RFO	TK	6	11 / 1967	--- / ---	27	27	22	24	OP
TOM G. SMITH	S-5	PALM BEACH	CA	WH	---	---	---	0	3 / 1978	--- / ---	10	10	9	9	OP
LWBU TOTAL:													77	80	
NEW SMYRNA BEACH UTILITIES COMMISSION OF															
FIELD STREET	1	VOLUSIA	GT	DFO	TK	---	---	0	5 / 2001	--- / ---	22	24	22	24	OP
FIELD STREET	2	VOLUSIA	GT	DFO	TK	---	---	0	5 / 2001	--- / ---	22	24	22	24	OS
NSB TOTAL:													22	24	
ORLANDO UTILITIES COMMISSION															
INDIAN RIVER *	A	BREVARD	GT	NG	PL	DFO	TK	0	7 / 1989	--- / ---	15.6	18.1	15.6	18.1	OP
INDIAN RIVER *	B	BREVARD	GT	NG	PL	DFO	TK	0	7 / 1989	--- / ---	15.6	18.1	15.6	18.1	OP
INDIAN RIVER *	C	BREVARD	GT	NG	PL	DFO	TK	0	8 / 1992	--- / ---	83	88.5	83	88.5	OP
INDIAN RIVER *	D	BREVARD	GT	NG	PL	DFO	TK	0	8 / 1992	--- / ---	83	88.5	83	88.5	OP
MCINTOSH *	3	POLK	ST	BIT	RR	---	---	0	9 / 1982	--- / ---	146	146	133	136	OP

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(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
PLANT NAME	UNIT NO.	LOCATION	UNIT TYPE	PRIMARY FUEL		ALTERNATE FUEL		ALT. FUEL STORAGE (DAYS BURN)	COMMERCIAL IN-SERVICE MO. / YEAR	EXPECTED RETIREMENT MO. / YEAR	GROSS CAPABILITY		NET CAPABILITY		STATUS
				FUEL TYPE	TRANSP. METHOD	FUEL TYPE	TRANSP. METHOD				SUMMER (MW)	WINTER (MW)	SUMMER (MW)	WINTER (MW)	
ORLANDO UTILITIES COMMISSION (cont.)															
ST. LUCIE *	2	ST. LUCIE	ST	NUC	TK	---	---	0	6 / 1983	--- / ---	63	63	60	60	OP
STANTON *	1	ORANGE	ST	BIT	RR	---	---	0	7 / 1987	--- / ---	321	321	294.3	294.3	OP
STANTON *	2	ORANGE	ST	BIT	RR	---	---	0	6 / 1996	--- / ---	344	344	318.6	318.6	OP
STANTON A *	CTA	ORANGE	CT	NG	PL	DFO	TK	3	10 / 2003	--- / ---	60.5	60.5	56.6	56.4	OP
STANTON A *	CTB	ORANGE	CT	NG	PL	DFO	TK	3	10 / 2003	--- / ---	60.5	60.5	56.6	56.4	OP
STANTON A *	ST	ORANGE	CA	WH	PL	DFO	TK	3	10 / 2003	--- / ---	76.7	81.6	71	75.6	OP
STANTON B	CT	ORANGE	CT	NG	PL	DFO	TK	3	2 / 2010	--- / ---	173	185	170	182	OP
STANTON B	ST	ORANGE	CA	WH	---	DFO	TK	3	2 / 2010	--- / ---	122	125	122	125	OP
OUC TOTAL:												1479	1518		
REEDY CREEK IMPROVEMENT DISTRICT															
CENTRAL ENERGY PLANT	1	ORANGE	CC	NG	PL	DFO	TK	2	1 / 1989	--- / ---	55	55	54	54	OP
RCI TOTAL:												54	54		
SEMINOLE ELECTRIC COOPERATIVE INC															
MIDULLA GENERATING STATION	4	HARDEE	GT	NG	PL	DFO	TK	0	12 / 2006	--- / ---	54	62	54	62	OP
MIDULLA GENERATING STATION	5	HARDEE	GT	NG	PL	DFO	TK	0	12 / 2006	--- / ---	54	62	54	62	OP
MIDULLA GENERATING STATION	6	HARDEE	GT	NG	PL	DFO	TK	0	12 / 2006	--- / ---	54	62	54	62	OP
MIDULLA GENERATING STATION	7	HARDEE	GT	NG	PL	DFO	TK	0	12 / 2006	--- / ---	54	62	54	62	OP
MIDULLA GENERATING STATION	8	HARDEE	GT	NG	PL	DFO	TK	0	12 / 2006	--- / ---	54	62	54	62	OP
MIDULLA GENERATING STATION	CT1	HARDEE	CT	NG	PL	DFO	TK	0	1 / 2002	--- / ---	171	195	169	193	OP
MIDULLA GENERATING STATION	CT2	HARDEE	CT	NG	PL	DFO	TK	0	1 / 2002	--- / ---	171	195	169	193	OP
MIDULLA GENERATING STATION	ST	HARDEE	CA	WH	---	DFO	TK	0	1 / 2002	--- / ---	190	188	188	186	OP
SEMINOLE GENERATING STATION	1	PUTNAM	ST	BIT	RR	---	---	0	2 / 1984	--- / ---	673	685	626	637	OP
SEMINOLE GENERATING STATION	2	PUTNAM	ST	BIT	RR	---	---	0	12 / 1984	--- / ---	680	686	634	638	OP
SEC TOTAL:												2056	2157		

*Jointly Owned Unit

2020
LOAD AND RESOURCE PLAN
FLORIDA RELIABILITY COORDINATING COUNCIL
FRCC Form 1.0
EXISTING GENERATING FACILITIES AS OF DECEMBER 31, 2019

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
PLANT NAME	UNIT NO.	LOCATION	UNIT TYPE	PRIMARY FUEL		ALTERNATE FUEL		ALT. FUEL STORAGE (DAYS BURN)	COMMERCIAL IN-SERVICE MO. / YEAR	EXPECTED RETIREMENT MO. / YEAR	GROSS CAPABILITY		NET CAPABILITY		STATUS
				FUEL TYPE	TRANSP. METHOD	FUEL TYPE	TRANSP. METHOD				SUMMER (MW)	WINTER (MW)	SUMMER (MW)	WINTER (MW)	
TALLAHASSEE CITY OF															
HOPKINS	2	LEON	CA	WH	---	NG	PL	0	10 / 1977	--- / ---	146	150	141	145	OP
HOPKINS	2A	LEON	CT	NG	PL	DFO	TK	3	6 / 2008	--- / ---	160	186	159	185	OP
HOPKINS	GT3	LEON	GT	NG	PL	DFO	TK	3	9 / 2005	--- / ---	49	49	46	48	OP
HOPKINS	GT4	LEON	GT	NG	PL	DFO	TK	3	11 / 2005	--- / ---	49	49	46	48	OP
HOPKINS	IC 1	LEON	IC	NG	PL	---	---	0	3 / 2019	--- / ---	18.8	18.8	18.5	18.5	OP
HOPKINS	IC 2	LEON	IC	NG	PL	---	---	0	2 / 2019	--- / ---	18.8	18.8	18.5	18.5	OP
HOPKINS	IC 3	LEON	IC	NG	PL	---	---	0	2 / 2019	--- / ---	18.8	18.8	18.5	18.5	OP
HOPKINS	IC 4	LEON	IC	NG	PL	---	---	0	2 / 2019	--- / ---	18.8	18.8	18.5	18.5	OP
PURDOM	8CT	WAKULLA	CT	NG	PL	DFO	TK	9	7 / 2000	--- / ---	160.7	185.2	150	182	OP
PURDOM	8ST	WAKULLA	CA	WH	---	---	---	0	7 / 2000	--- / ---	76.3	80.8	72	76	OP
SUBSTATION 12	IC 1	LEON	IC	NG	PL	---	---	0	10 / 2018	--- / ---	9.3	9.3	9.2	9.2	OP
SUBSTATION 12	IC 2	LEON	IC	NG	PL	---	---	0	10 / 2018	--- / ---	9.3	9.3	9.2	9.2	OP
TAL TOTAL:													706	776	
TAMPA ELECTRIC COMPANY															
BAYSIDE	3	HILLSBOROUGH	GT	NG	PL	---	---	0	7 / 2009	--- / ---	57	62	56	61	OP
BAYSIDE	4	HILLSBOROUGH	GT	NG	PL	---	---	0	7 / 2009	--- / ---	57	62	56	61	OP
BAYSIDE	5	HILLSBOROUGH	GT	NG	PL	---	---	0	4 / 2009	--- / ---	57	62	56	61	OP
BAYSIDE	6	HILLSBOROUGH	GT	NG	PL	---	---	0	4 / 2009	--- / ---	57	62	56	61	OP
BAYSIDE	1A	HILLSBOROUGH	CT	NG	PL	---	---	0	4 / 2003	--- / ---	158	185	156	183	OP
BAYSIDE	1B	HILLSBOROUGH	CT	NG	PL	---	---	0	4 / 2003	--- / ---	158	185	156	183	OP
BAYSIDE	1C	HILLSBOROUGH	CT	NG	PL	---	---	0	4 / 2003	--- / ---	158	185	156	183	OP
BAYSIDE	1ST	HILLSBOROUGH	CA	WH	---	---	---	0	4 / 2003	--- / ---	236	246	233	243	OP
BAYSIDE	2A	HILLSBOROUGH	CT	NG	PL	---	---	0	1 / 2004	--- / ---	158	185	156	183	OP
BAYSIDE	2B	HILLSBOROUGH	CT	NG	PL	---	---	0	1 / 2004	--- / ---	158	185	156	183	OP
BAYSIDE	2C	HILLSBOROUGH	CT	NG	PL	---	---	0	1 / 2004	--- / ---	158	185	156	183	OP
BAYSIDE	2D	HILLSBOROUGH	CT	NG	PL	---	---	0	1 / 2004	--- / ---	158	185	156	183	OP
BAYSIDE	2ST	HILLSBOROUGH	CA	WH	---	---	---	0	1 / 2004	--- / ---	308	318	305	315	OP
BIG BEND	1	HILLSBOROUGH	ST	BIT	WA	NG	PL	0	10 / 1970	--- / ---	410	420	385	395	OP
BIG BEND	2	HILLSBOROUGH	ST	BIT	WA	NG	PL	0	4 / 1973	11 / 2021	410	420	385	395	OP
BIG BEND	3	HILLSBOROUGH	ST	BIT	WA	NG	PL	0	5 / 1976	--- / ---	420	425	395	400	OP
BIG BEND	4	HILLSBOROUGH	ST	BIT	WA	NG	PL	0	2 / 1985	--- / ---	470	475	437	442	OP
BIG BEND	CT4	HILLSBOROUGH	GT	NG	PL	---	---	0	8 / 2009	--- / ---	57	62	56	61	OP
POLK	2	POLK	CT	NG	PL	DFO	TK	3	7 / 2000	--- / ---	151	181	150	180	OP
POLK	3	POLK	CT	NG	PL	DFO	TK	3	5 / 2002	--- / ---	151	181	150	180	OP

*Jointly Owned Unit

2020
LOAD AND RESOURCE PLAN
FLORIDA RELIABILITY COORDINATING COUNCIL
FRCC Form 1.0
EXISTING GENERATING FACILITIES AS OF DECEMBER 31, 2019

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
PLANT NAME	UNIT NO.	LOCATION	UNIT TYPE	PRIMARY FUEL		ALTERNATE FUEL		ALT. FUEL STORAGE (DAYS BURN)	COMMERCIAL IN-SERVICE MO. / YEAR	EXPECTED RETIREMENT MO. / YEAR	GROSS CAPABILITY		NET CAPABILITY		STATUS
				FUEL TYPE	TRANSP. METHOD	FUEL TYPE	TRANSP. METHOD				SUMMER (MW)	WINTER (MW)	SUMMER (MW)	WINTER (MW)	
TAMPA ELECTRIC COMPANY (cont.)															
POLK	4	POLK	CT	NG	PL	---	---	0	3 / 2007	--- / ----	151	181	150	180	OP
POLK	5	POLK	CT	NG	PL	---	---	0	4 / 2007	--- / ----	151	181	150	180	OP
POLK	1CA	POLK	CA	WH	---	---	---	0	9 / 1996	--- / ----	120	120	51	51	OP
POLK	1CT	POLK	CT	PC	TK	NG	PL	0	9 / 1996	--- / ----	170	170	169	169	OP
POLK	2 St	POLK	CA	WH	---	---	---	0	1 / 2017	--- / ----	479	499	461	480	OP
TEC TOTAL(Excluding Solar):													4,793	5,196	
US CORPS OF ENGINEERS - MOBILE															
JIM WOODRUFF	1	GADSDEN	HY	WAT	---	---	---	0	2 / 1957	--- / ----	14.5	14.5	14.5	14.5	OP
JIM WOODRUFF	2	GADSDEN	HY	WAT	---	---	---	0	3 / 1957	--- / ----	14.5	14.5	14.5	14.5	OP
JIM WOODRUFF	3	GADSDEN	HY	WAT	---	---	---	0	4 / 1957	--- / ----	14.5	14.5	14.5	14.5	OP
UCEM TOTAL:													43.5	43.5	
TOTAL FRCC EXISTING (Excluding Firm Solar):													50,900.2	54,000	
FRCC EXISTING FIRM SOLAR:													981.4	0	
Total FRCC EXISTING:													51,882	54,000	

*Jointly Owned Unit

2020
LOAD AND RESOURCE PLAN
FLORIDA RELIABILITY COORDINATING COUNCIL
FRCC Form 1.0 (Solar)
EXISTING SOLAR GENERATING FACILITIES AS OF DECEMBER 31, 2019

(1) PLANT NAME	(2) UNIT NO.	(3) LOCATION	(4) UNIT TYPE	(5) PRIMARY FUEL TYPE	(6) COMMERCIAL IN-SERVICE MO. / YEAR	(7) EXPECTED RETIREMENT MO. / YEAR	(8) NAMEPLATE CAPABILITY _{AC} (MW)	(9)-(12) POTENTIAL EXPORT TO GRID AT TIME OF PEAK				(13) STATUS
								FIRM		NON-FIRM		
								SUM (MW)	WIN (MW)	SUM (MW)	WIN (MW)	
DUKE ENERGY FLORIDA												
HAMILTON SOLAR POWER PLANT	PV1	HAMILTON	PV	SUN	12 / 2018	--- / ----	74.9	42.6	0	---	---	OP
LAKE PLACID SOLAR FACILITY	PV2	HIGHLANDS	PV	SUN	12 / 2019	--- / ----	45.0	25.7	0	---	---	OP
OSCEOLA SOLAR	PV3	OSCEOLA	PV	SUN	5 / 2016	--- / ----	3.8	1.7	0	---	---	OP
PERRY SOLAR	PV4	TAYLOR	PV	SUN	8 / 2016	--- / ----	5.1	2.2	0	---	---	OP
SUWANNEE RIVER	PV5	SUWANNEE	PV	SUN	11 / 2017	--- / ----	8.8	3.9	0	---	---	OP
TRENTON SOLAR FACILITY	PV6	GILCHRIST	PV	SUN	12 / 2019	--- / ----	74.9	42.6	0	---	---	OP
DEF SOLAR TOTAL:							212.5	118.7	0.0	0.0	0.0	
FLORIDA POWER & LIGHT COMPANY												
BABCOCK RANCH SOLAR	1	CHARLOTTE	PV	SUN	12 / 2016	--- / ----	74.5	38.7	0	---	---	OP
BAREFOOT BAY SOLAR	1	BREVARD	PV	SUN	3 / 2018	--- / ----	74.5	40.2	0	---	---	OP
BLUE CYPRESS SOLAR	1	INDIAN RIVER	PV	SUN	3 / 2018	--- / ----	74.5	40.2	0	---	---	OP
CITRUS SOLAR	1	DESOTO	PV	SUN	12 / 2016	--- / ----	74.5	38.7	0	---	---	OP
CORAL FARMS SOLAR	1	PUTNAM	PV	SUN	1 / 2018	--- / ----	74.5	40.2	0	---	---	OP
DESOTO NEXT GENERATION SOLAR ENERGY CENTER	1	DESOTO	PV	SUN	10 / 2009	--- / ----	25.0	11.4	0	---	---	OP
HAMMOCK SOLAR	1	HENDRY	PV	SUN	3 / 2018	--- / ----	74.5	40.2	0	---	---	OP
HORIZON SOLAR	1	PUTNAM	PV	SUN	1 / 2018	--- / ----	74.5	40.2	0	---	---	OP
INDIAN RIVER SOLAR	1	INDIAN RIVER	PV	SUN	1 / 2018	--- / ----	74.5	40.2	0	---	---	OP
INTERSTATE SOLAR	1	ST LUCIE	PV	SUN	1 / 2019	--- / ----	74.5	41.0	0	---	---	OP
LOGGERHEAD SOLAR	1	ST LUCIE	PV	SUN	3 / 2018	--- / ----	74.5	40.2	0	---	---	OP
MANATEE SOLAR	1	MANATEE	PV	SUN	12 / 2016	--- / ----	74.5	38.7	0	---	---	OP
MIAMI DADE SOLAR	1	DADE	PV	SUN	1 / 2019	--- / ----	74.5	41.0	0	---	---	OP
PIONEER TRAIL SOLAR	1	VOLUSIA	PV	SUN	1 / 2019	--- / ----	74.5	41.0	0	---	---	OP
SPACE COAST	1	BREVARD	PV	SUN	4 / 2010	--- / ----	10.0	3.2	0	---	---	OP
SUNSHINE GATEWAY SOLAR	1	COLUMBIA	PV	SUN	1 / 2019	--- / ----	74.5	41.0	0	---	---	OP
WILDFLOWER SOLAR	1	DESOTO	PV	SUN	1 / 2018	--- / ----	74.5	40.2	0	---	---	OP
FPL SOLAR TOTAL:							1152.5	616.3	0.0	0.0	0.0	

2020
LOAD AND RESOURCE PLAN
FLORIDA RELIABILITY COORDINATING COUNCIL
FRCC Form 1.0 (Solar)
EXISTING SOLAR GENERATING FACILITIES AS OF DECEMBER 31, 2019

(1) PLANT NAME	(2) UNIT NO.	(3) LOCATION	(4) UNIT TYPE	(5) PRIMARY FUEL TYPE	(6) COMMERCIAL IN-SERVICE MO. / YEAR	(7) EXPECTED RETIREMENT MO. / YEAR	(8) NAMEPLATE CAPABILITY _{AC} (MW)	(9)-(12) POTENTIAL EXPORT TO GRID AT TIME OF PEAK				(13) STATUS
								FIRM		NON-FIRM		
								SUM (MW)	WIN (MW)	SUM (MW)	WIN (MW)	
TAMPA ELECTRIC COMPANY												
BALM	1	POLK	PV	SUN	9 / 2018	--- / ----	74.4	42.2	0	---	---	OP
BIG BEND SOLAR	1	HILLSBOROUGH	PV	SUN	2 / 2017	--- / ----	19.5	13.8	0	---	---	OP
BONNIE MINE	1	POLK	PV	SUN	1 / 2019	--- / ----	37.5	18.2	0	---	---	OP
GRANGE HALL	1	HILLSBOROUGH	PV	SUN	1 / 2019	--- / ----	61.1	34.1	0	---	---	OP
LAKE HANCOCK	1	POLK	PV	SUN	4 / 2019	--- / ----	49.5	26.7	0	---	---	OP
LEGOLAND	1	HILLSBOROUGH	PV	SUN	12 / 2016	--- / ----	1.4	0.5	0	---	---	OP
LITHIA	1	HILLSBOROUGH	PV	SUN	1 / 2019	--- / ----	74.5	38.5	0	---	---	OP
PAYNE CREEK SOLAR	1	POLK	PV	SUN	9 / 2018	--- / ----	70.3	40.8	0	---	---	OP
PEACE CREEK	1	POLK	PV	SUN	3 / 2019	--- / ----	55.4	31.1	0	---	---	OP
TIA	1	HILLSBOROUGH	PV	SUN	12 / 2015	--- / ----	1.6	0.5	0	---	---	OP
TEC SOLAR TOTAL:							445.2	246.4	0.0	0.0	0.0	
FRCC EXISTING (Excluding Firm Solar):								50,900	54,000			
FRCC EXISTING FIRM SOLAR:								981	0			
TOTAL FRCC EXISTING:								51,882	54,000			

**2020
LOAD AND RESOURCE PLAN
FLORIDA RELIABILITY COORDINATING COUNCIL**

**FRCC Form 2.0
SUMMARY OF JOINTLY OWNED GENERATING FACILITIES AS OF JANUARY 1, 2020**

(1) PLANT NAME	(2) UTILS	(3) LOCATION	(4) UNIT TYPE	(5) PRIMARY FUEL		(6) ALTERNATE FUEL		(7) ALT. FUEL STORAGE (DAYS BURN)	(8) COMMERCIAL IN-SERVICE MO. / YEAR	(9) EXPECTED RETIREMENT MO. / YEAR	(10) NET CAPABILITY		(11) STATUS	
				(12) FUEL TYPE	(13) TRANSP. METHOD	(14) FUEL TYPE	(15) TRANSP. METHOD				(16) SUMMER (MW)	(17) WINTER (MW)		
CANE ISLAND 1	FMPA KUA	OSCEOLA	GT	NG	PL	DFO	TK	0	11 / 1994	--- / ---	17.5	19	OP	
											17.5	19		OP
											35	38		
CANE ISLAND 2	FMPA KUA	OSCEOLA	CT	NG	PL	DFO	TK	0	6 / 1995	--- / ---	54.5	56.5	OP	
											54.5	56.5		OP
											109	113		
CANE ISLAND 3	FMPA KUA	OSCEOLA	CT	NG	PL	---	---	0	1 / 2002	--- / ---	120	125	OP	
											120	125		OP
											240	250		
INDIAN RIVER A	FMPA KUA OUC	BREVARD	GT	NG	PL	DFO	TK	0	7 / 1989	--- / ---	12.2	14.1	OP	
											3.8	4.4		OP
											15.6	18.1		
31.6	36.6													
INDIAN RIVER B	FMPA KUA OUC	BREVARD	GT	NG	PL	DFO	TK	0	7 / 1989	--- / ---	12.2	14.1	OP	
											3.8	4.4		OP
											15.6	18.1		
31.6	36.6													
INDIAN RIVER C	FMPA OUC	BREVARD	GT	NG	PL	DFO	TK	0	8 / 1992	--- / ---	21.6	23	OP	
											83	88.5		OP
											104.6	111.5		
INDIAN RIVER D	FMPA OUC	BREVARD	GT	NG	PL	DFO	TK	0	8 / 1992	--- / ---	21.6	23	OP	
											83	88.5		OP
											104.6	111.5		
MCINTOSH 3	LAK OUC	POLK	ST	BIT	RR	NA	NA	0	9 / 1982	--- / ---	205	205	OP	
											133	136		OP
											338	341		
SCHERER 4	FPL JEA	MONROE, GA	ST	BIT	RR	---	---	0	7 / 1988	2 / 2029	634	635	OP	
											198	198		OP
											832	833		
ST. LUCIE 2	FMPA FPL OUC	ST. LUCIE	ST	NUC	TK	NA	NA	0	6 / 1983	--- / ---	86.2	89.6	OP	
											840	860		OP
											60	60		
986.2	1009.6													

2020
LOAD AND RESOURCE PLAN
FLORIDA RELIABILITY COORDINATING COUNCIL

FRCC Form 2.0
SUMMARY OF JOINTLY OWNED GENERATING FACILITIES AS OF JANUARY 1, 2020

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
PLANT NAME	UTILS	LOCATION	UNIT TYPE	PRIMARY FUEL		ALTERNATE FUEL		ALT. FUEL STORAGE (DAYS BURN)	COMMERCIAL IN-SERVICE MO. / YEAR	EXPECTED RETIREMENT MO. / YEAR	NET CAPABILITY		STATUS
				FUEL TYPE	TRANSP. METHOD	FUEL TYPE	TRANSP. METHOD				SUMMER (MW)	WINTER (MW)	
STANTON 1	FMPA KUA OUC	ORANGE	ST	BIT	RR	NA	NA	0	7 / 1987	--- / ---	120	120	OP
											21.8	21.8	OP
											294.3	294.3	OP
											436.1	436.1	
STANTON 2	FMPA OUC	ORANGE	ST	BIT	RR	NA	NA	0	6 / 1996	--- / ---	128.7	128.7	OP
											318.6	318.6	OP
											447.3	447.3	
STANTON A <i>(includes SOU capacity purchase)</i>	FMPA KUA OUC	ORANGE	CT	NG	PL	DFO	TK	3	10 / 2003	--- / ---	103.3	110.6	OP
											21.9	23.5	OP
											526.2	538.4	OP
											651.4	672.5	

2020
LOAD AND RESOURCE PLAN
FLORIDA RELIABILITY COORDINATING COUNCIL
FRCC Form 1.1
PLANNED AND PROSPECTIVE GENERATING FACILITY ADDITIONS AND CHANGES
(JANUARY 1, 2020 THROUGH DECEMBER 31, 2029)

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
UTILITY	PLANT NAME	UNIT NO.	LOCATION	UNIT TYPE	PRIMARY FUEL		ALTERNATE FUEL		ALT. FUEL STORAGE (DAYS BURN)	EFFECTIVE CHANGE DATE MO. / YEAR	GROSS CAPABILITY		NET CAPABILITY		CHANGE/ STATUS
					TYPE	TRANS.	TYPE	TRANS.			SUMMER (MW)	WINTER (MW)	SUMMER (MW)	WINTER (MW)	
2020															
LAK	MCINTOSH	2	POLK	ST	NG	PL	RFO	TK	0	4 / 2020	-114	-114	-106	-106	RT
LAK	MCINTOSH	GT2	POLK	CT	NG	PL	DFO	TK	0	4 / 2020	117	127	115	125	V
OUC	STANTON	1	ORANGE	ST	BIT	RR	---	---	0	4 / 2020	13.7	13.7	13.7	13.7	OT
TEC	BIG BEND	1	HILLSBOROUGH	ST	BIT	WA	NG	PL	0	4 / 2020	-410	-420	-385	-395	FC
FPL	SANFORD	4CTA	VOLUSIA	CT	NG	PL	---	---	0	5 / 2020	23.2	0	23.2	0	A
FPL	SANFORD	4CTB	VOLUSIA	CT	NG	PL	---	---	0	5 / 2020	23.2	0	23.2	0	A
FPL	SANFORD	4CTC	VOLUSIA	CT	NG	PL	---	---	0	5 / 2020	23.2	0	23.2	0	A
FPL	SANFORD	4CTD	VOLUSIA	CT	NG	PL	---	---	0	5 / 2020	23.2	0	23.2	0	A
FPL	SANFORD	4ST	VOLUSIA	CA	NG	PL	---	---	0	5 / 2020	54.6	41	54.2	41	A
TAL	HOPKINS	IC 5	LEON	IC	NG	PL	---	---	0	6 / 2020	18.8	18.8	18.5	18.5	V
FPL	WEST COUNTY	3GT1	PALM BEACH	CT	NG	PL	DFO	TK	2	9 / 2020	5.1	8.2	5.1	8.2	A
FPL	WEST COUNTY	3GT2	PALM BEACH	CT	NG	PL	DFO	TK	2	9 / 2020	5.1	8.2	5.1	8.2	A
FPL	WEST COUNTY	3GT3	PALM BEACH	CT	NG	PL	DFO	TK	2	9 / 2020	5.1	8.2	5.1	8.2	A
FPL	WEST COUNTY	3ST	PALM BEACH	CA	NG	PL	DFO	TK	2	9 / 2020	5.7	-4.6	5.7	-4.6	A
DEF	AVON PARK	P1	HIGHLANDS	GT	NG	PL	DFO	TK	3	10 / 2020	-24	-25	-24	-25	RT
DEF	AVON PARK	P2	HIGHLANDS	GT	DFO	TK	---	---	0	10 / 2020	-24	-25	-24	-25	RT
FPL	TURKEY POINT	4	DADE	ST	NUC	TK	---	---	0	11 / 2020	20	20	20	20	A
OUC	STANTON	2	ORANGE	ST	BIT	RR	---	---	0	11 / 2020	7.2	7.2	7.2	7.2	OT
2020 TOTAL:												-197	-306		
2021															
FPL	MANATEE	1	MANATEE	ST	NG	PL	RFO	WA	21	10 / 2021	-841	-851.6	-809	-819	RT
FPL	MANATEE	2	MANATEE	ST	NG	PL	RFO	WA	21	10 / 2021	-841	-851.6	-809	-819	RT
TEC	BIG BEND	2	HILLSBOROUGH	ST	BIT	WA	NG	PL	0	11 / 2021	-410	-420	-385	-395	RT
TEC	BIG BEND	CT5	HILLSBOROUGH	GT	NG	PL	---	---	0	11 / 2021	362	394	360	392	P
TEC	BIG BEND	CT6	HILLSBOROUGH	GT	NG	PL	---	---	0	11 / 2021	362	394	360	392	P
FPL	MANATEE ENERGY STATION	1	MANATEE	OT	OTH	---	---	---	0	12 / 2021	409	409	409	409	P
FPL	SCHERER***	4	MONROE	ST	BIT	RR	---	---	0	12 / 2021	-639	-638	-634	-635	CO
TEC	RECIPROCATING ENGINE (RE1)	1	UNKNOWN	IC	NG	PL	---	---	0	12 / 2021	18.9	18.9	18.5	18.5	P
TEC	RECIPROCATING ENGINE (RE2)	2	UNKNOWN	IC	NG	PL	---	---	0	12 / 2021	18.9	18.9	18.5	18.5	P

*Jointly Owned Unit
**FPL Ownership Change

2020
LOAD AND RESOURCE PLAN
FLORIDA RELIABILITY COORDINATING COUNCIL
FRCC Form 1.1
PLANNED AND PROSPECTIVE GENERATING FACILITY ADDITIONS AND CHANGES
(JANUARY 1, 2020 THROUGH DECEMBER 31, 2029)

(1) UTILITY	(2) PLANT NAME	(3) UNIT NO.	(4) LOCATION	(5) UNIT TYPE	(6) PRIMARY FUEL		(8) ALTERNATE FUEL		(10) ALT. FUEL STORAGE (DAYS BURN)	(11) EFFECTIVE CHANGE DATE MO. / YEAR	(12) GROSS CAPABILITY		(14) NET CAPABILITY		(16) CHANGE/ STATUS
					TYPE	TRANS.	TYPE	TRANS.			SUMMER (MW)	WINTER (MW)	SUMMER (MW)	WINTER (MW)	
2021 (cont.)															
TEC	RECIPROCATING ENGINE (RE3)	3	UNKNOWN	IC	NG	PL	---	---	0	12 / 2021	18.9	18.9	18.5	18.5	P
TEC	RECIPROCATING ENGINE (RE4)	4	UNKNOWN	IC	NG	PL	---	---	0	12 / 2021	18.9	18.9	18.5	18.5	P
TEC	RECIPROCATING ENGINE (RE5)	5	UNKNOWN	IC	NG	PL	---	---	0	12 / 2021	18.9	18.9	18.5	18.5	P
2021 TOTAL:													-1,416	-1,383	
2022															
FMPA	TREASURE COAST ENERGY CTR	1	ST LUCIE	CT	NG	PL	DFO	TK	0	1 / 2022	7.5	7.5	7.5	7.5	OT
FMPA	TREASURE COAST ENERGY CTR	1	ST LUCIE	CA	WH	NA	DFO	RR	0	1 / 2022	7.5	7.5	7.5	7.5	OT
FPL	CRIST	4	ESCAMBIA	ST	BIT	WA	NG	PL	0	1 / 2022	79	79	75	75	CO
FPL	CRIST	5	ESCAMBIA	ST	BIT	WA	NG	PL	0	1 / 2022	77	77	75	75	CO
FPL	CRIST	6	ESCAMBIA	ST	BIT	WA	NG	PL	0	1 / 2022	317	317	299	299	CO
FPL	CRIST	7	ESCAMBIA	ST	BIT	WA	NG	PL	0	1 / 2022	498	498	475	475	CO
FPL	CRIST UNIT 8 CTS 4X0	8	ESCAMBIA	CT	NG	UN	---	---	0	1 / 2022	938	949	938	949	P
FPL	DANIEL	1	JACKSON MS	ST	BIT	RR	RFO	TK	0	1 / 2022	255	255	251	251	CO
FPL	DANIEL	2	JACKSON MS	ST	BIT	RR	RFO	TK	0	1 / 2022	255	255	251	251	CO
FPL	ECHO RIVER ENERGY STORAGE	1	SUWANNEE	OT	OTH	---	---	---	0	1 / 2022	30	30	30	30	CO
FPL	LANSING SMITH	3	BAY	CC	NG	PL	---	---	0	1 / 2022	674	658	660	646	CO
FPL	LANSING SMITH	A	BAY	GT	DFO	TK	---	---	0	1 / 2022	32	40	32	40	CO
FPL	PEA RIDGE	1	SANTA ROSA	GT	NG	PL	---	---	0	1 / 2022	4	5	4	5	CO
FPL	PEA RIDGE	2	SANTA ROSA	GT	NG	PL	---	---	0	1 / 2022	4	5	4	5	CO
FPL	PEA RIDGE	3	BAY	GT	NG	PL	---	---	0	1 / 2022	4	5	4	5	CO
FPL	PERDIDO	1	ESCAMBIA	IC	LFG	PL	---	---	0	1 / 2022	1.8	1.8	1.5	1.5	CO
FPL	PERDIDO	2	ESCAMBIA	IC	LFG	PL	---	---	0	1 / 2022	1.8	1.8	1.5	1.5	CO
FPL	SCHERER	3	MONROE	ST	BIT	RR	---	---	0	1 / 2022	225	225	215	215	CO
FPL	SUNSHINE GATEWAY ENERGY STORAGE	1	COLUMBIA	OT	OTH	---	---	---	0	1 / 2022	30	30	30	30	P
TEC	BAT STORE 1	1	UNKNOWN	OT	OTH	---	---	---	0	1 / 2022	10	10	10	10	P
TEC	BAT STORE 2	2	UNKNOWN	OT	OTH	---	---	---	0	1 / 2022	10	10	10	10	P
TEC	BAT STORE 3	3	UNKNOWN	OT	OTH	---	---	---	0	1 / 2022	10	10	10	10	P
FPL	DANIA BEACH CLEAN ENERGY CENTER	1	BROWARD	CC	NG	PL	DFO	WA	0	6 / 2022	1163	1176	1163	1176	P
FPL	FT. MYERS	2CTA	LEE	CT	NG	PL	---	---	0	6 / 2022	13.3	17.3	13.3	17.3	OT
FPL	FT. MYERS	2CTB	LEE	CT	NG	PL	---	---	0	6 / 2022	13.3	17.3	13.3	17.3	OT
FPL	FT. MYERS	2CTC	LEE	CT	NG	PL	---	---	0	6 / 2022	13.4	17.4	13.4	17.4	OT

*Jointly Owned Unit

**2020
LOAD AND RESOURCE PLAN
FLORIDA RELIABILITY COORDINATING COUNCIL
FRCC Form 1.1
PLANNED AND PROSPECTIVE GENERATING FACILITY ADDITIONS AND CHANGES
(JANUARY 1, 2020 THROUGH DECEMBER 31, 2029)**

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
UTILITY	PLANT NAME	UNIT NO.	LOCATION	UNIT TYPE	PRIMARY FUEL		ALTERNATE FUEL		ALT. FUEL STORAGE (DAYS BURN)	EFFECTIVE CHANGE DATE MO. / YEAR	GROSS CAPABILITY		NET CAPABILITY		CHANGE/ STATUS
					TYPE	TRANS.	TYPE	TRANS.			SUMMER (MW)	WINTER (MW)	SUMMER (MW)	WINTER (MW)	
2022 (cont.)															
FPL	MARTIN	8CTA	MARTIN	CT	NG	PL	DFO	---	0	10 / 2022	20	28	20	28	OT
SEC	SEMINOLE CC FACILITY	TBD	PUTNAM	CC	NG	PL	---	---	0	10 / 2022	1134	1149	1108	1122	T
SEC	SEMINOLE GENERATING STATION	1	PUTNAM	ST	BIT	RR	---	---	0	10 / 2022	-673	-685	-626	-637	M
FPL	MANATEE	3CTA	MANATEE	CT	NG	PL	---	---	0	12 / 2022	15.7	14	15.7	14	OT
FPL	MANATEE	3CTB	MANATEE	CT	NG	PL	---	---	0	12 / 2022	15.7	14	15.7	14	OT
GRU	DEERHAVEN	FS01	ALACHUA	ST	NG	PL	RFO	TK	0	12 / 2022	-80	-80	-75	-75	RT
2022 TOTAL:												5,052	5,093		
2023															
TEC	BAYSIDE	1A	HILLSBOROUGH	CT	NG	PL	---	---	0	1 / 2023	12	12	12	12	OT
TEC	BAYSIDE	1B	HILLSBOROUGH	CT	NG	PL	---	---	0	1 / 2023	12	12	12	12	OT
TEC	BAYSIDE	1C	HILLSBOROUGH	CT	NG	PL	---	---	0	1 / 2023	12	12	12	12	OT
TEC	BAYSIDE	1ST	HILLSBOROUGH	CA	WH	NA	---	---	0	1 / 2023	11	14	11	14	OT
TEC	BIG BEND**	3	HILLSBOROUGH	ST	BIT	WA	NG	PL	0	1 / 2023	0	0	-125.5	-164.5	D
TEC	BIG BEND**	4	HILLSBOROUGH	ST	BIT	WA	NG	PL	0	1 / 2023	0	0	-125.5	-164.5	D
TEC	BIG BEND	CT5	HILLSBOROUGH	GT	NG	PL	---	---	0	1 / 2023	30	42	30	42	P
TEC	BIG BEND	CT6	HILLSBOROUGH	GT	NG	PL	---	---	0	1 / 2023	30	42	30	42	P
TEC	BIG BEND	ST1	HILLSBOROUGH	ST	NG	PL	---	---	0	1 / 2023	332	352	330	350	P
FPL	MARTIN	8CTB	MARTIN	CT	NG	PL	DFO	---	0	5 / 2023	20	28	20	28	OT
FPL	MANATEE	3CTC	MANATEE	CT	NG	PL	---	---	0	6 / 2023	15.7	22	15.7	22	OT
FPL	MANATEE	3CTD	MANATEE	CT	NG	PL	---	---	0	6 / 2023	15.7	22	15.7	22	OT
FPL	MANATEE	3ST	MANATEE	CA	NG	PL	---	---	0	6 / 2023	16.2	39	16.2	39	OT
FPL	FT. MYERS	2CTD	LEE	CT	NG	PL	---	---	0	7 / 2023	13.9	19	13.9	19	OT
FPL	FT. MYERS	2CTE	LEE	CT	NG	PL	---	---	0	7 / 2023	13.9	19	13.9	19	OT
FPL	FT. MYERS	2CTF	LEE	CT	NG	PL	---	---	0	7 / 2023	13.9	19	13.9	19	OT
FPL	FT. MYERS	2ST1	LEE	CA	WH	---	---	---	0	7 / 2023	9.5	13.3	9.5	13.3	OT
FPL	FT. MYERS	2ST2	LEE	CA	WH	---	---	---	0	7 / 2023	27.8	39.7	27.8	39.7	OT
FPL	LANSING SMITH	3	BAY	CC	NG	PL	---	---	0	11 / 2023	59	74	59	74	OT
FPL	DANIEL	1	JACKSON MS	ST	BIT	RR	RFO	TK	0	12 / 2023	-255	-255	-251	-251	RT
FPL	DANIEL	2	JACKSON MS	ST	BIT	RR	RFO	TK	0	12 / 2023	-255	-255	-251	-251	RT
2023 TOTAL:												-110	-52		

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**Site limitation not a unit specific limitation

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(JANUARY 1, 2020 THROUGH DECEMBER 31, 2029)**

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
UTILITY	PLANT NAME	UNIT NO.	LOCATION	UNIT TYPE	PRIMARY FUEL		ALTERNATE FUEL		ALT. FUEL STORAGE (DAYS BURN)	EFFECTIVE CHANGE DATE MO. / YEAR	GROSS CAPABILITY		NET CAPABILITY		CHANGE/ STATUS
					TYPE	TRANS.	TYPE	TRANS.			SUMMER (MW)	WINTER (MW)	SUMMER (MW)	WINTER (MW)	
2024															
TEC	BAYSIDE	2A	HILLSBOROUGH	CT	NG	PL	---	---	0	1 / 2024	12	12	12	12	OT
TEC	BAYSIDE	2B	HILLSBOROUGH	CT	NG	PL	---	---	0	1 / 2024	12	12	12	12	OT
TEC	BAYSIDE	2C	HILLSBOROUGH	CT	NG	PL	---	---	0	1 / 2024	12	12	12	12	OT
TEC	BAYSIDE	2D	HILLSBOROUGH	CT	NG	PL	---	---	0	1 / 2024	12	12	12	12	OT
TEC	BAYSIDE	2ST	HILLSBOROUGH	CA	WH	---	---	---	0	1 / 2024	14	18	14	18	OT
FPL	TURKEY POINT	5CTA	DADE	CT	NG	PL	DFO	TK	3	2 / 2024	17.9	25	17.9	25	A
FPL	TURKEY POINT	5CTB	DADE	CT	NG	PL	DFO	TK	3	2 / 2024	17.9	25	17.9	25	A
FPL	TURKEY POINT	5CTC	DADE	CT	NG	PL	DFO	TK	3	2 / 2024	17.9	25	17.9	25	A
FPL	TURKEY POINT	5CTD	DADE	CT	NG	PL	DFO	TK	3	2 / 2024	17.9	25	17.9	25	A
FPL	TURKEY POINT	5ST	DADE	CA	NG	PL	DFO	TK	3	2 / 2024	7.4	10	7.4	10	A
FPL	OKEECHOBEE	1A	OKEECHOBEE	CT	NG	PL	DFO	TK	3	3 / 2024	5.6	15.5	5.6	15.5	A
FPL	OKEECHOBEE	1B	OKEECHOBEE	CT	NG	PL	DFO	TK	3	3 / 2024	5.6	15.5	5.6	15.5	A
FPL	OKEECHOBEE	1C	OKEECHOBEE	CT	NG	PL	DFO	TK	3	3 / 2024	5.6	15.5	5.6	15.5	A
FPL	OKEECHOBEE	1ST	OKEECHOBEE	CA	NG	PL	DFO	TK	3	3 / 2024	41.2	32.5	41.2	32.5	A
DEF	OSPREY	CT1	POLK	CT	NG	PL	---	---	0	5 / 2024	100.4	98.3	100.4	98.3	OT
DEF	OSPREY	CT2	POLK	CT	NG	PL	---	---	0	5 / 2024	100.4	98.3	100.4	98.3	OT
DEF	OSPREY	ST	POLK	CA	WH	PL	---	---	0	5 / 2024	135.9	158.3	135.9	158.3	OT
FPL	SANFORD	4CTA	VOLUSIA	CT	NG	PL	---	---	0	10 / 2024	19	17	19	17	OT
FPL	SANFORD	4CTB	VOLUSIA	CT	NG	PL	---	---	0	10 / 2024	19	17	19	17	OT
FPL	SANFORD	5CTA	VOLUSIA	CT	NG	PL	---	---	0	10 / 2024	19	17	19	17	A
FPL	SANFORD	5CTB	VOLUSIA	CT	NG	PL	---	---	0	10 / 2024	19	17	19	17	A
FPL	CRIST	4	ESCAMBIA	ST	BIT	WA	NG	PL	0	12 / 2024	-79	-79	-75	-75	OP
2024 TOTAL:													537	603	
2025															
TEC	BAT STORE 4	4	UNKNOWN	OT	OTH	---	---	---	0	1 / 2025	10	10	10	10	P
TEC	RECIPROCATING ENGINE (RE6)	6	UNKNOWN	IC	NG	PL	---	---	0	1 / 2025	18.9	18.9	18.5	18.5	P
FPL	PEA RIDGE	1	BAY	GT	NG	PL	---	---	0	4 / 2025	-4	-5	-4	-5	OT
FPL	PEA RIDGE	2	BAY	GT	NG	PL	---	---	0	4 / 2025	-4	-5	-4	-5	OP
FPL	PEA RIDGE	3	BAY	GT	NG	PL	---	---	0	4 / 2025	-4	-5	-4	-5	OT
FPL	SANFORD	4CTC	VOLUSIA	CT	NG	PL	---	---	0	6 / 2025	20	28	20	28	A
FPL	SANFORD	4CTD	VOLUSIA	CT	NG	PL	---	---	0	6 / 2025	20	28	20	28	A

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(JANUARY 1, 2020 THROUGH DECEMBER 31, 2029)**

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
UTILITY	PLANT NAME	UNIT NO.	LOCATION	UNIT TYPE	PRIMARY FUEL		ALTERNATE FUEL		ALT. FUEL STORAGE (DAYS BURN)	EFFECTIVE CHANGE DATE MO. / YEAR	GROSS CAPABILITY		NET CAPABILITY		CHANGE/ STATUS
					TYPE	TRANS.	TYPE	TRANS.			SUMMER (MW)	WINTER (MW)	SUMMER (MW)	WINTER (MW)	
<u>2025 (cont).</u>															
FPL	SANFORD	5CTC	VOLUSIA	CT	NG	PL	---	---	0	6 / 2025	20	28	20	28	A
FPL	SANFORD	5CTD	VOLUSIA	CT	NG	PL	---	---	0	6 / 2025	20	28	20	28	A
FPL	MARTIN	8CTC	MARTIN	CT	NG	PL	DFO	TK	3	10 / 2025	18	20	18	20	OT
FPL	MARTIN	8CTD	MARTIN	CT	NG	PL	DFO	TK	3	10 / 2025	18	20	18	20	OT
FPL	MARTIN	8ST	MARTIN	CA	NG	PL	DFO	TK	0	10 / 2025	4	15	4	15	OT
FPL	SANFORD	4ST	VOLUSIA	CA	NG	PL	---	---	0	10 / 2025	26	45	26	45	A
FPL	SANFORD	5ST	VOLUSIA	CA	NG	PL	---	---	0	10 / 2025	26	45	26	45	A
DEF	BAYBORO	P1	PINELLAS	GT	DFO	WA	---	---	0	12 / 2025	-44	-61	-44	-61	RT
DEF	BAYBORO	P2	PINELLAS	GT	DFO	WA	---	---	0	12 / 2025	-41	-58	-41	-58	RT
DEF	BAYBORO	P3	PINELLAS	GT	DFO	WA	---	---	0	12 / 2025	-43	-60	-43	-60	RT
DEF	BAYBORO	P4	PINELLAS	GT	DFO	WA	---	---	0	12 / 2025	-43	-59	-43	-59	RT
2025 TOTAL:													18	33	
<u>2026</u>															
FMPA	CANE ISLAND	4CT	OSCEOLA	CT	NG	PL	---	---	0	1 / 2026	7.5	7.5	7.5	7.5	OT
FMPA	CANE ISLAND	4CW	OSCEOLA	CA	WH	---	---	---	0	1 / 2026	7.5	7.5	7.5	7.5	OT
TEC	BAT STORE 10	10	UNKNOWN	OT	OTH	---	---	---	0	1 / 2026	10	10	10	10	P
TEC	BAT STORE 5	5	UNKNOWN	OT	OTH	---	---	---	0	1 / 2026	10	10	10	10	P
TEC	BAT STORE 6	6	UNKNOWN	OT	OTH	---	---	---	0	1 / 2026	10	10	10	10	P
TEC	BAT STORE 7	7	UNKNOWN	OT	OTH	---	---	---	0	1 / 2026	10	10	10	10	P
TEC	BAT STORE 8	8	UNKNOWN	OT	OTH	---	---	---	0	1 / 2026	10	10	10	10	P
TEC	BAT STORE 9	9	UNKNOWN	OT	OTH	---	---	---	0	1 / 2026	10	10	10	10	P
GRU	DEERHAVEN	GT01	ALACHUA	GT	NG	PL	DFO	TK	0	10 / 2026	-18	-23	-17.5	-22	RT
GRU	DEERHAVEN	GT02	ALACHUA	GT	NG	PL	DFO	TK	0	10 / 2026	-18	-23	-17.5	-22	RT
FPL	CRIST	5	ESCAMBIA	ST	BIT	WA	NG	PL	0	12 / 2026	-77	-77	-75	-75	OP
2026 TOTAL:													-35	-44	
<u>2027</u>															
TEC	RECIPROCATING ENGINE (RE10)	10	UNKNOWN	IC	NG	PL	---	---	0	1 / 2027	18.9	18.9	18.5	18.5	P
TEC	RECIPROCATING ENGINE (RE7)	7	UNKNOWN	IC	NG	PL	---	---	0	1 / 2027	18.9	18.9	18.5	18.5	P
TEC	RECIPROCATING ENGINE (RE8)	8	UNKNOWN	IC	NG	PL	---	---	0	1 / 2027	18.9	18.9	18.5	18.5	P
TEC	RECIPROCATING ENGINE (RE9)	9	UNKNOWN	IC	NG	PL	---	---	0	1 / 2027	18.9	18.9	18.5	18.5	P

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(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	
UTILITY	PLANT NAME	UNIT NO.	LOCATION	UNIT TYPE	PRIMARY FUEL		ALTERNATE FUEL		ALT. FUEL STORAGE (DAYS BURN)	EFFECTIVE CHANGE DATE MO. / YEAR	GROSS CAPABILITY		NET CAPABILITY		CHANGE/ STATUS	
					TYPE	TRANS.	TYPE	TRANS.			SUMMER (MW)	WINTER (MW)	SUMMER (MW)	WINTER (MW)		
2027 (cont.)																
DEF	DEBARY	P2	VOLUSIA	GT	DFO	TK	---	---	0	6 / 2027	-48	-64	-48	-64	RT	
DEF	DEBARY	P3	VOLUSIA	GT	DFO	TK	---	---	0	6 / 2027	-50	-65	-50	-65	RT	
DEF	DEBARY	P4	VOLUSIA	GT	DFO	TK	---	---	0	6 / 2027	-50	-65	-50	-65	RT	
DEF	DEBARY	P5	VOLUSIA	GT	DFO	TK	---	---	0	6 / 2027	-50	-65	-50	-65	RT	
DEF	DEBARY	P6	VOLUSIA	GT	DFO	TK	---	---	0	6 / 2027	-51	-65	-51	-65	RT	
DEF	P. L. BARTOW	P1	PINELLAS	GT	DFO	WA	---	---	0	6 / 2027	-41	-52	-41	-52	RT	
DEF	P. L. BARTOW	P3	PINELLAS	GT	DFO	WA	---	---	0	6 / 2027	-41	-53	-41	-53	RT	
DEF	UNKNOWN	P1	UNKNOWN	CT	NG	PL	DFO	TK	4	6 / 2027	225.8	239.5	225.8	239.5	P	
FMPA	ST. LUCIE	2	ST LUCIE	ST	NUC	TK	---	---	0	10 / 2027	-0.3	-0.3	-0.3	-0.3	OT	
DEF	UNIVERSITY OF FLORIDA	P1	ALACHUA	GT	NG	PL	---	---	0	11 / 2027	-66	-47	-44	-46	RT	
FPL	LANSING SMITH	A	BAY	GT	DFO	TK	---	---	0	12 / 2027	-32	-40	-32	-40	OP	
SEC	UNNAMED RECIPROCATING UNIT	1	UNKNOWN	IC	NG	PL	---	---	0	12 / 2027	91.9	91.9	91.9	91.9	P	
2027 TOTAL:													-16	-110		
2028																
FPL	2028 ENERGY STORAGE	1	UNKNOWN	OT	OTH	---	---	---	0	1 / 2028	200	200	200	200	P	
TEC	BAT STORE 11	11	UNKNOWN	OT	OTH	---	---	---	0	1 / 2028	10	10	10	10	P	
TEC	BAT STORE 12	12	UNKNOWN	OT	OTH	---	---	---	0	1 / 2028	10	10	10	10	P	
TEC	BAT STORE 13	13	UNKNOWN	OT	OTH	---	---	---	0	1 / 2028	10	10	10	10	P	
TEC	BAT STORE 14	14	UNKNOWN	OT	OTH	---	---	---	0	1 / 2028	10	10	10	10	P	
TEC	BAT STORE 15	15	UNKNOWN	OT	OTH	---	---	---	0	1 / 2028	10	10	10	10	P	
TEC	BAT STORE 16	16	UNKNOWN	OT	OTH	---	---	---	0	1 / 2028	10	10	10	10	P	
TAL	UNSIDED	1	LEON	IC	NG	PL	---	---	0	6 / 2028	18.8	18.8	18.5	18.5	P	
SEC	UNNAMED RECIPROCATING UNIT	2	UNKNOWN	IC	NG	PL	---	---	0	12 / 2028	91.9	91.9	91.9	91.9	P	
2028 TOTAL:													370	370		

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UTILITY	PLANT NAME	UNIT NO.	LOCATION	UNIT TYPE	PRIMARY FUEL		ALTERNATE FUEL		ALT. FUEL STORAGE (DAYS BURN)	EFFECTIVE CHANGE DATE MO. / YEAR	GROSS CAPABILITY		NET CAPABILITY		CHANGE/ STATUS
					TYPE	TRANS.	TYPE	TRANS.			SUMMER (MW)	WINTER (MW)	SUMMER (MW)	WINTER (MW)	
2029															
FPL	2029 ENERGY STORAGE	1	UNKNOWN	OT	OTH	---	---	---	0	1 / 2029	500	500	500	500	P
TEC	BAT STORE 17	17	UNKNOWN	OT	OTH	---	---	---	0	1 / 2029	10	10	10	10	P
TEC	BAT STORE 18	18	UNKNOWN	OT	OTH	---	---	---	0	1 / 2029	10	10	10	10	P
TEC	BAT STORE 19	19	UNKNOWN	OT	OTH	---	---	---	0	1 / 2029	10	10	10	10	P
TEC	BAT STORE 20	20	UNKNOWN	OT	OTH	---	---	---	0	1 / 2029	10	10	10	10	P
TEC	BAT STORE 21	21	UNKNOWN	OT	OTH	---	---	---	0	1 / 2029	10	10	10	10	P
TEC	BAT STORE 22	22	UNKNOWN	OT	OTH	---	---	---	0	1 / 2029	10	10	10	10	P
DEF	UNKNOWN	P2	UNKNOWN	CT	NG	PL	DFO	TK	4	6 / 2029	225.8	239.5	225.8	239.5	P
2029 TOTAL:												786	800		
FRCC FUTURE (Excluding Firm Solar):												4,990	5,004		
FRCC FUTURE FIRM SOLAR:												4,410	0		
FRCC FUTURE TOTAL:												9,400	5,004		

*Jointly Owned Unit

2020
LOAD AND RESOURCE PLAN
FLORIDA RELIABILITY COORDINATING COUNCIL
FRCC Form 1.1 (Solar)
PLANNED AND PROSPECTIVE SOLAR GENERATING FACILITY ADDITIONS AND CHANGES
(JANUARY 1, 2020 THROUGH DECEMBER 31, 2029)

(1) UTILITY	(2) PLANT NAME	(3) UNIT NO.	(4) LOCATION	(5) UNIT TYPE	(6) PRIMARY FUEL TYPE	(7) EFFECTIVE CHANGE DATE MO. / YEAR	(8) NAMEPLATE CAPABILITY _{AC} (MW)	(9)-(12) POTENTIAL EXPORT TO GRID AT TIME OF PEAK				(13) CHANGE/STATUS
								FIRM		NON-FIRM		
								SUMMER (MW)	WINTER (MW)	SUMMER (MW)	WINTER (MW)	
2020												
FPL	BABCOCK PRESERVE SOLAR	1	CHARLOTTE	PV	SUN	1 / 2020	74.5	41.3	---	---	---	V
FPL	BLUE HERON SOLAR	1	HENDRY	PV	SUN	1 / 2020	74.5	41.3	---	---	---	V
FPL	CATTLE RANCH SOLAR	1	DESOTO	PV	SUN	1 / 2020	74.5	41.3	---	---	---	V
FPL	NORTHERN PRESERVE SOLAR	1	BAKER	PV	SUN	1 / 2020	74.5	41.3	---	---	---	P
FPL	SWEETBAY SOLAR	1	MARTIN	PV	SUN	1 / 2020	74.5	41.3	---	---	---	P
FPL	TWIN LAKES SOLAR	1	PUTNAM	PV	SUN	1 / 2020	74.5	41.3	---	---	---	P
TEC	LITTLE MANATEE RIVER SOLAR	1	HILLSBOROUGH	PV	SUN	2 / 2020	74.5	38.5	---	---	---	P
DEF	COLUMBIA SOLAR POWER PLANT	04	COLUMBIA	PV	SUN	3 / 2020	74.9	42.6	---	---	---	V
DEF	DEBARY SOLAR POWER PLANT	05	VOLUSIA	PV	SUN	3 / 2020	74.5	34.0	---	---	---	V
TEC	WIMAUMA SOLAR	1	HILLSBOROUGH	PV	SUN	3 / 2020	74.8	42.6	---	---	---	P
FPL	ECHO RIVER SOLAR	1	SUWANNEE	PV	SUN	4 / 2020	74.5	41.3	---	---	---	P
FPL	HIBISCUS SOLAR	1	PALM BEACH	PV	SUN	4 / 2020	74.5	41.3	---	---	---	P
FPL	OKEECHOBEE SOLAR	1	OKEECHOBEE	PV	SUN	4 / 2020	74.5	41.3	---	---	---	P
FPL	SOUTHFORK SOLAR	1	MANATEE	PV	SUN	4 / 2020	74.5	41.3	---	---	---	P
---	SOLAR DEGRADATION	---	N/A	PV	SUN	6 / 2020	N/A	-0.9	---	---	---	D (S)
DEF	SOLAR	06	UNKNOWN	PV	SUN	12 / 2020	74.9	42.6	---	---	---	P
DEF	SOLAR	07	UNKNOWN	PV	SUN	12 / 2020	74.9	42.6	---	---	---	P
FPL	EGRET SOLAR	1	BAKER	PV	SUN	12 / 2020	74.5	38.5	---	---	---	P
FPL	LAKESIDE SOLAR	1	OKEECHOBEE	PV	SUN	12 / 2020	74.5	38.5	---	---	---	P
FPL	MAGNOLIA SPRINGS SOLAR	1	CLAY	PV	SUN	12 / 2020	74.5	38.5	---	---	---	P
FPL	NASSAU SOLAR	1	NASSAU	PV	SUN	12 / 2020	74.5	38.5	---	---	---	P
FPL	TRAILSIDE SOLAR	1	ST JOHNS	PV	SUN	12 / 2020	74.5	38.5	---	---	---	P
FPL	UNION SPRINGS SOLAR	1	UNION	PV	SUN	12 / 2020	74.5	38.5	---	---	---	P
---	SOLAR DEGRADATION	---	N/A	PV	SUN	12 / 2020	---	-2.3	---	---	---	D (S)
2021												
TEC	DURRANCE	1	POLK	PV	SUN	1 / 2021	60.0	34.8	---	---	---	P
---	SOLAR DEGRADATION	---	N/A	PV	SUN	1 / 2021	---	-1.0	---	---	---	D (S)
FPL	DISCOVERY SOLAR	1	BREVARD	PV	SUN	3 / 2021	74.5	38.5	---	---	---	U
FPL	FORT DRUM SOLAR	1	OKEECHOBEE	PV	SUN	3 / 2021	74.5	38.5	---	---	---	U
FPL	ORANGE BLOSSOM SOLAR	1	INDIAN RIVER	PV	SUN	3 / 2021	74.5	38.5	---	---	---	TS
FPL	PALM BAY SOLAR	1	BREVARD	PV	SUN	3 / 2021	74.5	38.5	---	---	---	U
FPL	PELICAN SOLAR	1	ST LUCIE	PV	SUN	3 / 2021	74.5	38.5	---	---	---	U
FPL	RODEO SOLAR	1	DESOTO	PV	SUN	3 / 2021	74.5	38.5	---	---	---	U
FPL	SABAL PALM SOLAR	1	PALM BEACH	PV	SUN	3 / 2021	74.5	38.5	---	---	---	U
FPL	WILLOW SOLAR	1	MANATEE	PV	SUN	3 / 2021	74.5	38.5	---	---	---	U

2020
LOAD AND RESOURCE PLAN
FLORIDA RELIABILITY COORDINATING COUNCIL
FRCC Form 1.1 (Solar)
PLANNED AND PROSPECTIVE SOLAR GENERATING FACILITY ADDITIONS AND CHANGES
(JANUARY 1, 2020 THROUGH DECEMBER 31, 2029)

(1) UTILITY	(2) PLANT NAME	(3) UNIT NO.	(4) LOCATION	(5) UNIT TYPE	(6) PRIMARY FUEL TYPE	(7) EFFECTIVE CHANGE DATE MO. / YEAR	(8) NAMEPLATE CAPABILITY _{AC} (MW)	(9)-(12) POTENTIAL EXPORT TO GRID AT TIME OF PEAK				(13) CHANGE/STATUS
								FIRM		NON-FIRM		
								SUMMER (MW)	WINTER (MW)	SUMMER (MW)	WINTER (MW)	
<u>2021 (cont.)</u>												
---	SOLAR DEGRADATION	---	N/A	PV	SUN	3 / 2021	---	-0.4	---	---	---	D (S)
---	SOLAR DEGRADATION	---	N/A	PV	SUN	6 / 2021	---	-0.9	---	---	---	D (S)
DEF	SOLAR	08	UNKNOWN	PV	SUN	12 / 2021	74.9	42.6	---	---	---	P
DEF	SOLAR	09	UNKNOWN	PV	SUN	12 / 2021	74.9	42.6	---	---	---	P
DEF	SOLAR	10	UNKNOWN	PV	SUN	12 / 2021	55.0	31.3	---	---	---	P
TEC	FS1	1	UNKNOWN	PV	SUN	12 / 2021	25.0	14.0	---	---	---	P
TEC	FS2	1	UNKNOWN	PV	SUN	12 / 2021	70.0	39.0	---	---	---	P
TEC	MOUNTAIN VIEW SOLAR	1	PASCO	PV	SUN	12 / 2021	52.5	29.6	---	---	---	P
---	SOLAR DEGRADATION	---	N/A	PV	SUN	12 / 2021	---	-2.7	---	---	---	D (S)
<u>2022</u>												
DEF	SOLAR	11	UNKNOWN	PV	SUN	1 / 2022	74.9	42.6	---	---	---	P
DEF	SOLAR	12	UNKNOWN	PV	SUN	1 / 2022	74.9	42.6	---	---	---	P
FPL	2022 UNSITED SOLAR	1	UNKNOWN	PV	SUN	1 / 2022	224.0	224.0	---	---	---	CO/P
FPL	BLUE INDIGO SOLAR	1	JACKSON	PV	SUN	1 / 2022	41.3	41.3	---	---	---	CO/P
FPL	BLUE SPRING SOLAR	1	JACKSON	PV	SUN	1 / 2022	37.3	37.3	---	---	---	CO/P
FPL	CHAUTAUQUA SOLAR	1	WALTON	PV	SUN	1 / 2022	37.3	37.3	---	---	---	CO/P
---	SOLAR DEGRADATION	---	N/A	PV	SUN	1 / 2022	---	-2.4	---	---	---	D (S)
---	SOLAR DEGRADATION	---	N/A	PV	SUN	3 / 2022	---	-0.4	---	---	---	D (S)
---	SOLAR DEGRADATION	---	N/A	PV	SUN	6 / 2022	---	-0.9	---	---	---	D (S)
TEC	FS3	1	UNKNOWN	PV	SUN	12 / 2022	74.5	41.7	---	---	---	P
TEC	FS4	1	UNKNOWN	PV	SUN	12 / 2022	74.5	41.7	---	---	---	P
TEC	FS5	1	UNKNOWN	PV	SUN	12 / 2022	74.5	41.7	---	---	---	P
---	SOLAR DEGRADATION	---	N/A	PV	SUN	12 / 2022	---	-3.3	---	---	---	D (S)
<u>2023</u>												
FPL	2023 UNSITED SOLAR	1	UNKNOWN	PV	SUN	1 / 2023	---	209.0	---	---	---	CO/P
---	SOLAR DEGRADATION	---	N/A	PV	SUN	1 / 2023	---	-4.1	---	---	---	D (S)
---	SOLAR DEGRADATION	---	N/A	PV	SUN	3 / 2023	---	-0.4	---	---	---	D (S)
---	SOLAR DEGRADATION	---	N/A	PV	SUN	6 / 2023	---	-0.9	---	---	---	D (S)
DEF	SOLAR	13	UNKNOWN	PV	SUN	12 / 2023	74.9	42.6	---	---	---	P
DEF	SOLAR	14	UNKNOWN	PV	SUN	12 / 2023	74.9	42.6	---	---	---	P
TEC	FS6	1	UNKNOWN	PV	SUN	12 / 2023	74.5	41.7	---	---	---	P
TEC	FS7	1	UNKNOWN	PV	SUN	12 / 2023	74.5	41.7	---	---	---	P
TEC	FS8	1	UNKNOWN	PV	SUN	12 / 2023	74.5	41.7	---	---	---	P
---	SOLAR DEGRADATION	---	N/A	PV	SUN	12 / 2023	---	-3.3	---	---	---	D (S)

2020
LOAD AND RESOURCE PLAN
FLORIDA RELIABILITY COORDINATING COUNCIL
FRCC Form 1.1 (Solar)
PLANNED AND PROSPECTIVE SOLAR GENERATING FACILITY ADDITIONS AND CHANGES
(JANUARY 1, 2020 THROUGH DECEMBER 31, 2029)

(1) UTILITY	(2) PLANT NAME	(3) UNIT NO.	(4) LOCATION	(5) UNIT TYPE	(6) PRIMARY FUEL TYPE	(7) EFFECTIVE CHANGE DATE MO. / YEAR	(8) NAMEPLATE CAPABILITY _{AC} (MW)	(9)-(12) POTENTIAL EXPORT TO GRID AT TIME OF PEAK				(13) CHANGE/ STATUS
								FIRM		NON-FIRM		
								SUMMER (MW)	WINTER (MW)	SUMMER (MW)	WINTER (MW)	
<u>2024</u>												
FPL	2024 UNSITED SOLAR	---	UNKNOWN	PV	SUN	1 / 2024	---	209.0	---	---	---	CO/P
---	SOLAR DEGRADATION	---	N/A	PV	SUN	1 / 2024	---	-4.4	---	---	---	D (S)
---	SOLAR DEGRADATION	---	N/A	PV	SUN	3 / 2024	---	-0.4	---	---	---	D (S)
---	SOLAR DEGRADATION	---	N/A	PV	SUN	6 / 2024	---	-0.9	---	---	---	D (S)
DEF	SOLAR	15	UNKNOWN	PV	SUN	12 / 2024	74.9	42.6	---	---	---	P
DEF	SOLAR	16	UNKNOWN	PV	SUN	12 / 2024	74.9	42.6	---	---	---	P
---	SOLAR DEGRADATION	---	N/A	PV	SUN	12 / 2024	---	-3.7	---	---	---	D (S)
<u>2025</u>												
FPL	2025 UNSITED SOLAR	1	UNKNOWN	PV	SUN	1 / 2025	745	264.0	---	---	---	P
---	SOLAR DEGRADATION	---	N/A	PV	SUN	1 / 2025	---	-5.0	---	---	---	D (S)
---	SOLAR DEGRADATION	---	N/A	PV	SUN	3 / 2025	---	-0.4	---	---	---	D (S)
---	SOLAR DEGRADATION	---	N/A	PV	SUN	6 / 2025	---	-0.9	---	---	---	D (S)
DEF	SOLAR	17	UNKNOWN	PV	SUN	12 / 2025	74.9	42.6	---	---	---	P
DEF	SOLAR	18	UNKNOWN	PV	SUN	12 / 2025	74.9	42.6	---	---	---	P
---	SOLAR DEGRADATION	---	N/A	PV	SUN	12 / 2025	---	-4.1	---	---	---	D (S)
<u>2026</u>												
FPL	2026 UNSITED SOLAR	1	UNKNOWN	PV	SUN	1 / 2026	1,192.0	422.0	---	---	---	P
---	SOLAR DEGRADATION	---	N/A	PV	SUN	1 / 2026	---	-5.8	---	---	---	D (S)
---	SOLAR DEGRADATION	---	N/A	PV	SUN	3 / 2026	---	-0.4	---	---	---	D (S)
---	SOLAR DEGRADATION	---	N/A	PV	SUN	6 / 2026	---	-0.9	---	---	---	D (S)
DEF	SOLAR	19	UNKNOWN	PV	SUN	12 / 2026	74.9	42.6	---	---	---	P
---	SOLAR DEGRADATION	---	N/A	PV	SUN	12 / 2026	---	-4.5	---	---	---	D (S)
<u>2027</u>												
FPL	2027 UNSITED SOLAR	1	UNKNOWN	PV	SUN	1 / 2027	---	422.0	---	---	---	CO/P
---	SOLAR DEGRADATION	---	N/A	PV	SUN	1 / 2027	---	-7.1	---	---	---	D (S)
---	SOLAR DEGRADATION	---	N/A	PV	SUN	3 / 2027	---	-0.4	---	---	---	D (S)
---	SOLAR DEGRADATION	---	N/A	PV	SUN	6 / 2027	---	-0.9	---	---	---	D (S)
DEF	SOLAR	20	UNKNOWN	PV	SUN	12 / 2027	74.9	42.6	---	---	---	P
---	SOLAR DEGRADATION	---	N/A	PV	SUN	6 / 2027	---	-4.7	---	---	---	D (S)

2020
LOAD AND RESOURCE PLAN
FLORIDA RELIABILITY COORDINATING COUNCIL
FRCC Form 1.1 (Solar)
PLANNED AND PROSPECTIVE SOLAR GENERATING FACILITY ADDITIONS AND CHANGES
(JANUARY 1, 2020 THROUGH DECEMBER 31, 2029)

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
UTILITY	PLANT NAME	UNIT NO.	LOCATION	UNIT TYPE	PRIMARY FUEL TYPE	EFFECTIVE CHANGE DATE MO. / YEAR	NAMEPLATE CAPABILITY _{AC} (MW)	POTENTIAL EXPORT TO GRID AT TIME OF PEAK				CHANGE/ STATUS
								FIRM		NON-FIRM		
								SUMMER (MW)	WINTER (MW)	SUMMER (MW)	WINTER (MW)	
<u>2028</u>												
FPL	2028 UNSITED SOLAR	1	UNKNOWN	PV	SUN	1 / 2028	1192	252.0	---	---	---	P
---	SOLAR DEGRADATION	---	N/A	PV	SUN	1 / 2028	---	-8.4	---	---	---	D (S)
DEF	SOLAR	21	UNKNOWN	PV	SUN	12 / 2028	74.9	42.6	---	---	---	P
---	SOLAR DEGRADATION	---	N/A	PV	SUN	12 / 2028	---	-4.9	---	---	---	D (S)
<u>2029</u>												
FPL	2029 UNSITED SOLAR	1	UNKNOWN	PV	SUN	1 / 2029	1192	194.0	---	---	---	P
---	SOLAR DEGRADATION	---	N/A	PV	SUN	12 / 2029	---	-8.8	---	---	---	D (S)
DEF	SOLAR	22	UNKNOWN	PV	SUN	12 / 2029	74.9	42.6	---	---	---	P
---	SOLAR DEGRADATION	---	N/A	PV	SUN	12 / 2029	---	-1.8	---	---	---	D (S)
FRCC FUTURE (Excluding Firm Solar):								4,990	5,004			
FRCC FUTURE FIRM SOLAR:								4,410	0			
FRCC FUTURE TOTAL:								9,400	5,004			

**2020
LOAD AND RESOURCE PLAN
FLORIDA RELIABILITY COORDINATING COUNCIL
FRCC Form 10**

**SUMMARY OF CAPACITY, DEMAND, AND RESERVE MARGIN
AT TIME OF SUMMER PEAK**

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
YEAR	INSTALLED CAPACITY		FIRM INTERCHANGE		FIRM	TOTAL	TOTAL PEAK	RESERVE MARGIN		NET FIRM	RESERVE MARGIN	
	INSIDE	OUTSIDE	REGIONAL	REGIONAL	NON-UTILITY	AVAILABLE	DEMAND	W/O EXERCISING		PEAK	WITH EXERCISING	
	REGION	REGION	IMPORTS	EXPORTS	PURCHASES	CAPACITY		LOAD MANAGEMENT & INT.		DEMAND	LOAD MANAGEMENT & INT.	
	(MW)	(MW)	(MW)	(MW)	(MW)	(MW)	(MW)	(MW)	% OF PEAK	(MW)	(MW)	% OF PEAK
2020	51,423	832	449	0	3,661	56,365	48,334	8,031	17%	45,349	11,016	24%
2021	52,077	832	175	0	3,274	56,358	48,710	7,648	16%	45,680	10,678	23%
2022	56,507	198	1,216	0	3,418	61,339	51,451	9,888	19%	48,388	12,951	27%
2023	57,545	198	381	0	3,250	61,374	51,961	9,413	18%	48,862	12,512	26%
2024	58,127	198	381	0	2,674	61,380	52,427	8,953	17%	49,292	12,088	25%
2025	58,564	198	381	0	2,520	61,663	52,989	8,674	16%	49,807	11,856	24%
2026	59,056	198	281	0	2,427	61,962	53,587	8,375	16%	50,358	11,604	23%
2027	59,366	198	281	0	1,986	61,831	54,204	7,627	14%	50,925	10,906	21%
2028	59,940	198	281	0	1,872	62,292	54,788	7,504	14%	51,463	10,829	21%
2029	61,041	198	281	0	1,905	63,425	55,609	7,816	14%	52,236	11,189	21%

**SUMMARY OF CAPACITY, DEMAND, AND RESERVE MARGIN
AT TIME OF WINTER PEAK**

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
YEAR	INSTALLED CAPACITY		FIRM INTERCHANGE		FIRM	TOTAL	TOTAL PEAK	RESERVE MARGIN		NET FIRM	RESERVE MARGIN	
	INSIDE	OUTSIDE	REGIONAL	REGIONAL	NON-UTILITY	AVAILABLE	DEMAND	W/O EXERCISING		PEAK	WITH EXERCISING	
	REGION	REGION	IMPORTS	EXPORTS	PURCHASES	CAPACITY		LOAD MANAGEMENT & INT.		DEMAND	LOAD MANAGEMENT & INT.	
	(MW)	(MW)	(MW)	(MW)	(MW)	(MW)	(MW)	(MW)	% OF PEAK	(MW)	(MW)	% OF PEAK
2020 / 21	52,862	833	474	0	3,444	57,613	44,737	12,876	29%	41,852	15,761	38%
2021 / 22	55,513	198	1,244	0	3,473	60,428	47,314	13,114	28%	44,392	16,036	36%
2022 / 23	57,362	198	1,294	0	3,477	62,332	47,780	14,552	30%	44,821	17,511	39%
2023 / 24	57,221	198	409	0	3,272	61,100	48,229	12,871	27%	45,233	15,867	35%
2024 / 25	57,787	198	409	0	2,423	60,816	48,612	12,204	25%	45,567	15,249	33%
2025 / 26	57,866	198	409	0	2,304	60,776	49,256	11,520	23%	46,161	14,615	32%
2026 / 27	57,821	198	309	0	2,269	60,596	49,693	10,903	22%	46,549	14,047	30%
2027 / 28	57,897	198	309	0	1,578	59,981	50,293	9,688	19%	47,100	12,881	27%
2028 / 29	58,567	198	309	0	1,578	60,652	50,860	9,792	19%	47,612	13,040	27%
2029 / 30	58,807	198	309	0	1,569	60,882	51,462	9,420	18%	48,165	12,717	26%

NOTE - COLUMN 11: NET FIRM PEAK DEMAND = TOTAL PEAK DEMAND - INTERRUPTIBLE LOAD - LOAD MANAGEMENT.

2020
FRCC Form 11
CONTRACTED FIRM IMPORTS AND FIRM EXPORTS
FROM/TO OUTSIDE THE FRCC REGION AT TIME OF PEAK - MW
AS OF JANUARY 1, 2020

SUMMER

<u>YEAR</u>	<u>IMPORTS</u>				<u>TOTAL</u>	<u>EXPORTS</u>		<u>TOTAL</u>	<u>NET INTER- CHANGE</u>
	<u>FPL</u>	<u>DEF</u>	<u>JEA</u>	<u>SEC</u>					
2020	0	424	25	0	449			0	449
2021	0	0	25	150	175			0	175
2022	966	0	100	150	1,216			0	1,216
2023	81	0	200	100	381			0	381
2024	81	0	200	100	381			0	381
2025	81	0	200	100	381			0	381
2026	81	0	200	0	281			0	281
2027	81	0	200	0	281			0	281
2028	81	0	200	0	281			0	281
2029	81	0	200	0	281			0	281

WINTER

<u>YEAR</u>	<u>IMPORTS</u>				<u>TOTAL</u>	<u>EXPORTS</u>		<u>TOTAL</u>	<u>NET INTER- CHANGE</u>
	<u>FPL</u>	<u>DEF</u>	<u>JEA</u>	<u>SEC</u>					
2020/21	0	424	50	0	474			0	474
2021/22	994	0	100	150	1,244			0	1,244
2022/23	994	0	200	100	1,294			0	1,294
2023/24	109	0	200	100	409			0	409
2024/25	109	0	200	100	409			0	409
2025/26	109	0	200	100	409			0	409
2026/27	109	0	200	0	309			0	309
2027/28	109	0	200	0	309			0	309
2028/29	109	0	200	0	309			0	309
2029/30	109	0	200	0	309			0	309

**2020
LOAD AND RESOURCE PLAN
FLORIDA RELIABILITY COORDINATING COUNCIL**

**FRCC Form 3.0
EXISTING NON-UTILITY, QF, AND SELF SERVICE GENERATION FACILITIES
AS OF DECEMBER 31, 2019**

(1) UTILITY	(2) FACILITY NAME	(3) UNIT NO.	(4) LOCATION	(5) UNIT TYPE	(6) (7) FUEL TYPE		(8) COMMERCIAL IN-SERVICE MO. / YEAR	(9) (10) GROSS CAPABILITY		(11) (12) NET CAPABILITY		(14) (15) (16) POTENTIAL EXPORT TO GRID AT TIME OF PEAK				(17) CONTRACT STATUS
					PRI	ALT		SUM (MW)	WIN (MW)	SUM (MW)	WIN (MW)	FIRM		UNCOMMITTED		
												SUM (MW)	WIN (MW)	SUM (MW)	WIN (MW)	
DUKE ENERGY FLORIDA																
	BEN HILL GRIFFIN	1	POLK	ST	NG	DFO	11 / 1981	0.5	0.5	0.5	0.5	0	0	0	0	NC
	CITRUS WORLD	1	POLK	ST	NG	DFO	11 / 1979	0.4	0.4	0.4	0.4	0	0	0	0	NC
	CITRUS WORLD	4	POLK	ST	NG	DFO	12 / 1987	4	4	4	4	0	0	0	0	NC
	MULBERRY	1	POLK	CA	NG	DFO	7 / 1994	115	120	115	115	115	115	0	0	C
	ORANGE COGEN (CFR-BIOGEN)	1	POLK	CS	NG	---	6 / 1995	104	104	104	104	104	104	0	0	C
	ORLANDO COGEN	1	ORANGE	CA	NG	---	10 / 1993	125.2	135	123.2	133	115	115	9	18.8	C
	PASCO COUNTY RES. RECOV.	1	PASCO	ST	MSW	---	3 / 1991	26	26	23	23	23	23	0	0	C
	PINELLAS COUNTY RES. RECOV.	1	PINELLAS	ST	MSW	---	4 / 1983	44.6	44.6	40	40	40	40	0	0	C
	PINELLAS COUNTY RES. RECOV.	2	PINELLAS	ST	MSW	---	6 / 1986	17.1	17.1	14.8	14.8	14.8	14.8	0	0	C
	POTASH OF SASKATCHEWAN	1	HAMILTON	ST	WH	---	1 / 1980	16.2	16.2	15	15	0	0	1	1	NC
	POTASH OF SASKATCHEWAN	2	HAMILTON	ST	WH	---	5 / 1986	28	28	27	27	0	0	0.2	0.2	NC
	PROCTOR & GAMBLE (BUCKEYE)	1-4	TAYLOR	ST	WDS	---	1 / 1954	38	38	38	38	0	0	0	0	NC
DEF TOTAL:												411.8	411.8	10.2	20	
FLORIDA MUNICIPAL POWER AGENCY																
	CUTRALE		LAKE	CC	NG	---	12 / 1987	4.6	4.6	4.6	4.6	---	---	---	---	NC
	US SUGAR CORPORATION		HENDRY	OT	OBS	---	2 / 1984	26.5	26.5	26.5	26.5	---	---	---	---	NC
FMPA TOTAL:												0	0	0	0	
FLORIDA POWER & LIGHT COMPANY																
	BREVARD LANDFILL	1	BREVARD	OT	MSW	---	5 / 2008	6	6	6	6	0	0	0	0	NC
	BROWARD-SOUTH	1	BROWARD	OT	MSW	---	4 / 1991	68	68	56	56	3.5	3.5	0	0	C
	CHARLOTTE COUNTY LANDFILL	1	CHARLOTTE	OT	MSW	---	10 / 2011	3	3	3	3	0	0	0	0	NC
	GEORGIA PACIFIC	1	PUTNAM	OT	WDS	---	5 / 1993	80	80	70	70	0	0	0	0	NC
	INDIANTOWN	2	MARTIN	ST	BIT	BIT	12 / 1995	330	330	330	330	330	330	0	0	C
	LEE COUNTY SOLID WASTE	1	LEE	OT	MSW	OTH	8 / 2007	59	59	55	55	0	0	0	0	NC
	MIAMI DADE (RR)	1	DADE	OT	MSW	OTH	12 / 1981	77	77	70	70	0	0	0	0	NC
	NEW HOPE / OKEELANTA	1	PALM BEACH	OT	OBS	NG	10 / 2006	129	129	105	105	0	0	0	0	NC
	SARASOTA COUNTY LANDFILL	1	SARASOTA	OT	MSW	---	2 / 2015	6	6	6	6	0	0	0	0	NC
	SEMINOLE COUNTY LANDFILL	1	SEMINOLE	OT	MSW	---	8 / 2007	6	6	6	6	0	0	0	0	NC

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(1) UTILITY	(2) FACILITY NAME	(3) UNIT NO.	(4) LOCATION	(5) UNIT TYPE	(6) FUEL TYPE		(8) COMMERCIAL IN-SERVICE MO. / YEAR	(9) GROSS CAPABILITY		(11) NET CAPABILITY		(14-16) POTENTIAL EXPORT TO GRID AT TIME OF PEAK				(17) CONTRACT STATUS
					(6) PRI	(7) ALT		(9) SUM (MW)	(10) WIN (MW)	(11) SUM (MW)	(12) WIN (MW)	(14) FIRM		(15) UNCOMMITTED		
												(14) SUM (MW)	(15) WIN (MW)	(16) SUM (MW)	(16) WIN (MW)	
FLORIDA POWER & LIGHT COMPANY (cont.)																
	TROPICANA	1	MANATEE	OT	NG	OTH	3 / 1990	47	47	45	45	0	0	0	0	NC
	WASTE MANAGEMENT (CCL)	1	BROWARD	OT	MSW	OTH	5 / 2011	7.2	7.2	3.7	3.7	0	0	0	0	NC
	WASTE MANAGEMENT (RE)	1	BROWARD	OT	MSW	OTH	2 / 2000	11	11	6.3	6.3	0	0	0	0	NC
FPL TOTAL (Excluding Solar):												333.5	333.5	0	0	
GAINESVILLE REGIONAL UTILITIES																
	G2 ENERGY	1	MARION	IC	LFG	---	12 / 2008	4	4	3.7	3.7	3.7	3.7	0	0	C
GRU TOTAL:												3.7	3.7	0	0	
JEA																
	ANHEUSER BUSCH		DUVAL	ST	NG	---	4 / 1988	0	0	8	9	0	0	0	0	NC
	TRAILRIDGE	1	DUVAL	IC	LFG	---	12 / 2008	9	9	9	9	9	9	0	0	C
	TRAILRIDGE	2	SARASOTA	IC	LFG	---	2 / 2015	6	6	6	6	6	6	0	0	C
JEA TOTAL (Excluding Solar):												15	15	0	0	
SEMINOLE ELECTRIC COOPERATIVE INC																
	CITY OF TAMPA REFUSE-TO-ENERGY	1	HILLSBOROUGH	ST	MSW	---	8 / 2011	20	20	20	20	20	20	0	0	C
	HARDEE POWER STATION	CT1A	HARDEE	CT	NG	DFO	1 / 2013	71	89	72	88	72	88	0	0	C
	HARDEE POWER STATION	CT1B	HARDEE	CT	NG	DFO	1 / 2013	73	89	72	88	72	88	0	0	C
	HARDEE POWER STATION	CT2A	HARDEE	GT	NG	DFO	1 / 2013	73	90	70	89	70	0	0	89	C
	HARDEE POWER STATION	CT2B	HARDEE	GT	NG	DFO	1 / 2013	71	90	70	89	70	89	0	0	C
	HARDEE POWER STATION	ST1	HARDEE	CA	WH	DFO	1 / 2013	76	91	76	91	76	91	0	0	C
	HILLSB. WASTE TO ENERGY	1	HILLSBOROUGH	ST	MSW	---	3 / 2010	9.5	9.5	9.5	9.5	9.5	9.5	0	0	C
	HILLSB. WASTE TO ENERGY	2	HILLSBOROUGH	ST	MSW	---	3 / 2010	9.5	9.5	9.5	9.5	9.5	9.5	0	0	C
	HILLSB. WASTE TO ENERGY	3	HILLSBOROUGH	ST	MSW	---	3 / 2010	9.5	9.5	9.5	9.5	9.5	9.5	0	0	C
	HILLSB. WASTE TO ENERGY	4	HILLSBOROUGH	ST	MSW	---	3 / 2010	9.5	9.5	9.5	9.5	9.5	9.5	0	0	C
	OLEANDER POWER PROJECT LP	2	BREVARD	GT	NG	DFO	1 / 2010	153	182	153	182	153	182	0	0	C
	OLEANDER POWER PROJECT LP	3	BREVARD	GT	NG	DFO	1 / 2010	153	182	153	182	153	182	0	0	C
	OLEANDER POWER PROJECT LP	4	BREVARD	GT	NG	DFO	1 / 2010	153	182	153	182	153	182	0	0	C

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(1) UTILITY	(2) FACILITY NAME	(3) UNIT NO.	(4) LOCATION	(5) UNIT TYPE	(6) (7) FUEL TYPE		(8) COMMERCIAL IN-SERVICE MO. / YEAR	(9) (10) GROSS CAPABILITY		(11) (12) NET CAPABILITY		(14) (15) (16) POTENTIAL EXPORT TO GRID AT TIME OF PEAK				(17) CONTRACT STATUS
					PRI	ALT		SUM (MW)	WIN (MW)	SUM (MW)	WIN (MW)	FIRM		UNCOMMITTED		
												SUM (MW)	WIN (MW)	SUM (MW)	WIN (MW)	
<u>SEMINOLE ELECTRIC COOPERATIVE INC. (cont.)</u>																
	TELOGIA POWER	1	LIBERTY	ST	WDS	---	7 / 2009	13	13	13	13	13	13	0	0	C
	TIMBERLINE ENERGY	1	HERNANDO	ST	LFG	---	2 / 2008	1.6	1.6	1.6	1.6	1.6	1.6	0	0	C
SEC TOTAL (Excluding Solar):												891.6	974.6	0	89	
<u>TAMPA ELECTRIC COMPANY</u>																
	MILLPOINT	1-3	HILLSBOROUGH	OT	WH	NG	12 / 1995	45	45	45	45	0	0	7.4	7.4	NC
	NEW WALES	1-2	POLK	ST	WH	---	12 / 1984	95	95	95	95	0	0	2	2	NC
	RIDGEWOOD	1-2	HILLSBOROUGH	ST	WH	---	10 / 1992	60.5	60.5	60.5	60.5	0	0	3	3	NC
	SOUTH PIERCE	1-2	POLK	ST	WH	---	9 / 1969	33	33	33	33	0	0	5	5	NC
TEC TOTAL :												0	0	17.4	17.4	
FRCC TOTAL:												1,656	1,739	27.6	126	
FRCC NON-UTILITY/SOLAR:												8	0	76	76	
FRCC NON-UTILITY TOTAL:												1,663	1,739	104	203	

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AS OF DECEMBER 31, 2019**

(1) UTILITY	(2) FACILITY NAME	(3) UNIT NO.	(4) LOCATION	(5) UNIT TYPE	(6) PRIMARY FUEL TYPE	(7) COMMERCIAL IN-SERVICE MO. / YEAR	(8) NAMEPLATE CAPABILITY _{AC} (MW)	(9)-(12) POTENTIAL EXPORT TO GRID AT TIME OF PEAK				(13) CONTRACT STATUS
								FIRM		UNCOMMITTED		
								SUM (MW)	WIN (MW)	SUM (MW)	WIN (MW)	
<u>FLORIDA POWER & LIGHT COMPANY</u>												
	FIRST SOLAR	1	DADE	PV	SUN	3 / 2010	0.1	---	---	---	---	NC
								0.0	0.0	0.0	0.0	
<u>JEA</u>												
	BLAIR SITE SOLAR	1	DUVAL	PV	SUN	1 / 2018	4.0	---	---	---	---	C
	JACKSONVILLE SOLAR	1	DUVAL	PV	SUN	9 / 2010	12.0	---	---	---	---	C
	MONTGOMERY SOLAR FARM	1	DUVAL	PV	SUN	5 / 2017	7.0	---	---	---	---	C
	OLD KINGS ROAD SOLAR	1	DUVAL	PV	SUN	10 / 2018	1.0	---	---	---	---	C
	OLD PLANK ROAD SOLAR FARM	1	DUVAL	PV	SUN	10 / 2017	3.0	---	---	---	---	C
	SIMMONS ROAD SOLAR	1	DUVAL	PV	SUN	1 / 2018	2.0	---	---	---	---	C
	STARRATT SOLAR	1	DUVAL	PV	SUN	12 / 2017	5.0	---	---	---	---	C
	SUNPORT SOLAR	1	DUVAL	PV	SUN	12 / 2019	5.0	---	---	---	---	C
								0.0	0.0	0.0	0.0	
<u>LAKELAND CITY OF</u>												
	AIRPORT PHASE 1		POLK	PV	SUN	1 / 2012	2.2	1.1	---	2.2	2.2	NC
	AIRPORT PHASE 2		POLK	PV	SUN	9 / 2012	2.7	1.3	---	2.7	2.7	NC
	AIRPORT PHASE 3		POLK	PV	SUN	12 / 2016	3.1	1.5	---	3.1	3.1	NC
	BELLA VISTA		POLK	PV	SUN	7 / 2015	6.0	3	---	6.0	6.0	NC
	LAKELAND CENTER		POLK	PV	SUN	3 / 2010	0.2	0.1	---	0.2	0.2	NC
								7.0	0.0	14.2	14.2	
<u>SEMINOLE ELECTRIC COOPERATIVE INC</u>												
	MGS SOLAR	1	HARDEE	PV	SUN	8 / 2017	2.2	0.7	---	---	---	C
								0.7	0.0	0.0	0.0	

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(1) UTILITY	(2) FACILITY NAME	(3) UNIT NO.	(4) LOCATION	(5) UNIT TYPE	(6) PRIMARY FUEL TYPE	(7) COMMERCIAL IN-SERVICE MO. / YEAR	(8) NAMEPLATE CAPABILITY _{AC} (MW)	(9)-(12) POTENTIAL EXPORT TO GRID AT TIME OF PEAK				(13) CONTRACT STATUS
								FIRM		UNCOMMITTED		
								SUM (MW)	WIN (MW)	SUM (MW)	WIN (MW)	
TALLAHASSEE CITY OF												
	FL SOLAR 1	1	LEON	PV	SUN	12 / 2017	20	---	---	20.0	20.0	C
	FL SOLAR 4	4	LEON	PV	SUN	12 / 2019	42	---	---	42.0	42.0	C
								0.0	0.0	62.0	62.0	
								1,656	1,739	28	126	
								8	0	76	76	
								1,663	1,739	104	203	

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INSTALLATIONS, CHANGES, AND REMOVALS
JANUARY 1, 2020 THROUGH DECEMBER 31, 2029**

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
UTIL	FACILITY NAME	UNIT NO.	LOCATION	UNIT TYPE	FUEL TYPE		COMMERCIAL IN-SERVICE/ RETIREMENT/ OR CHANGE IN CONTRACT MO. / YEAR	GROSS CAPABILITY		NET CAPABILITY		POTENTIAL EXPORT TO GRID AT TIME OF PEAK (MW)				CONTRACT STATUS
					PRI	ALT		SUM (MW)	WIN (MW)	SUM (MW)	WIN (MW)	FIRM		UNCOMMITTED		
											PRI	ALT	SUM	WIN		
<u>2020</u>																
SEC	TELOGIA POWER	1	LIBERTY	ST	WDS	---	6 / 2020	-13.0	-13.0	-13.0	-13.0	-13	-13	0	0	CE
SEC	TIMBERLINE ENERGY	1	HERNANDO	ST	LFG	---	4 / 2020	-1.6	-1.6	-1.6	-1.6	-1.6	-1.6	0	0	CE
FPL	INDIANTOWN	2	MARTIN	ST	BIT	---	12 / 2020	-330.0	-330.0	-330.0	-330.0	-330	-330	0	0	CE
<u>2021</u>																
SEC	OLEANDER POWER PROJECT LP	2	BREVARD	GT	NG	DFO	12 / 2021	-153.0	-182.0	-153.0	-182.0	-153	-182	0	0	CE
SEC	OLEANDER POWER PROJECT LP	3	BREVARD	GT	NG	DFO	12 / 2021	-153.0	-182.0	-153.0	-182.0	-153	-182	0	0	CE
SEC	OLEANDER POWER PROJECT LP	4	BREVARD	GT	NG	DFO	12 / 2021	-153.0	-182.0	-153.0	-182.0	-153	-182	0	0	CE
SEC	SHADY HILLS CC FACILITY	TBD	PASCO	CC	NG	---	12 / 2021	546.0	575.0	546.0	575.0	546	575	0	0	C
<u>2022</u>																
NO ENTRIES																
<u>2023</u>																
DEF	ORLANDO COGEN	1	ORANGE	CA	NG	---	12 / 2023	-125.2	-135.0	-123.2	-133.0	-115	-115	-9	-18.8	NC
GRU	G2 ENERGY	1	MARION	IC	LFG	---	12 / 2023	-4.0	-4.0	-3.7	-3.7	-3.7	-3.7	0	0	CE
<u>2024</u>																
DEF	MULBERRY	1	POLK	CA	NG	---	9 / 2024	-115.0	-120.0	-115.0	-115.0	-115	-115	0	0	NC

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(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
UTIL	FACILITY NAME	UNIT NO.	LOCATION	UNIT TYPE	FUEL TYPE		COMMERCIAL IN-SERVICE/ RETIREMENT/ OR CHANGE IN CONTRACT MO. / YEAR	GROSS CAPABILITY		NET CAPABILITY		POTENTIAL EXPORT TO GRID AT TIME OF PEAK (MW)				CONTRACT STATUS
					PRI	ALT		SUM (MW)	WIN (MW)	SUM (MW)	WIN (MW)	FIRM		UNCOMMITTED		
									PRI	ALT						
<u>2025</u>																
DEF	ORANGE COGEN (CFR-BIOGEN)	1	POLK	CS	NG	---	12 / 2025	-104.0	-104.0	-104.0	-104.0	-104	-104	0	0	CE
SEC	HILLSB. WASTE TO ENERGY	1	HILLSBOROUGH	ST	MSW	---	3 / 2025	-9.5	-9.5	-9.5	-9.5	-9.5	-9.5	0	0	CE
SEC	HILLSB. WASTE TO ENERGY	2	HILLSBOROUGH	ST	MSW	---	3 / 2025	-9.5	-9.5	-9.5	-9.5	-9.5	-9.5	0	0	CE
SEC	HILLSB. WASTE TO ENERGY	3	HILLSBOROUGH	ST	MSW	---	3 / 2025	-9.5	-9.5	-9.5	-9.5	-9.5	-9.5	0	0	CE
SEC	HILLSB. WASTE TO ENERGY	4	HILLSBOROUGH	ST	MSW	---	3 / 2025	-9.5	-9.5	-9.5	-9.5	-9.5	-9.5	0	0	CE
<u>2026</u>																
SEC	CITY OF TAMPA REFUSE-TO-ENERGY	1	HILLSBOROUGH	ST	MSW	---	8 / 2026	-20.0	-20.0	-20.0	-20.0	-20	-20	0	0	CE
<u>2027</u>																
JEA	TRAILRIDGE	2	SARASOTA	IC	LFG	---	1 / 2027	-6.0	-6.0	-6.0	-6.0	-6	-6	-6	-6	C
JEA	TRAILRIDGE	1	DUVAL	IC	LFG	---	1 / 2027	-9.0	-9.0	-9.0	-9.0	-9	-9	0	0	CE
<u>2028</u>																
NO ENTRIES																
<u>2029</u>																
NO ENTRIES																

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(1) UTIL	(2) FACILITY NAME	(3) UNIT NO.	(4) LOCATION	(5) UNIT TYPE	(6) PRIMARY FUEL TYPE	(7) COMMERCIAL IN-SERVICE/ RETIREMENT/ OR CHANGE IN CONTRACT MO. / YEAR	(8) NAMEPLATE CAPABILITY _{AC} (MW)	(9)-(12) POTENTIAL EXPORT TO GRID AT TIME OF PEAK				(13) CONTRACT STATUS
								FIRM		UNCOMMITTED		
								SUM (MW)	WIN (MW)	SUM (MW)	WIN (MW)	
<u>2020</u>												
DEF	SOLAR QF	1 & 2	UNKNOWN	PV	SUN	12 / 2020	75.0	---	---	---	---	NC
<u>2021</u>												
JEA	CECIL COMMERCE SOLAR	1	DUVAL	PV	SUN	5 / 2021	50.0	---	---	---	---	C
JEA	WESTLAKE SOLAR	1	DUVAL	PV	SUN	7 / 2021	50.0	---	---	---	---	C
JEA	DEEP CREEK SOLAR	1	DUVAL	PV	SUN	8 / 2021	50.0	---	---	---	---	C
JEA	BEAVER STREET SOLAR	1	DUVAL	PV	SUN	10 / 2021	50.0	---	---	---	---	C
DEF	SOLAR QF	3	UNKNOWN	PV	SUN	12 / 2021	0.0	---	---	---	---	NC
JEA	FOREST TRAIL SOLAR	1	DUVAL	PV	SUN	12 / 2021	50.0	---	---	---	---	C
<u>2022</u>												
DEF	SOLAR QF	4	UNKNOWN	PV	SUN	12 / 2022	150.0	---	---	---	---	NC
<u>2023</u>												
SEC	COLUMBIA SOLAR	TBD	COLUMBIA	PV	SUN	7 / 2023	74.5	44.9	---	---	---	C
SEC	GILCHRIST SOLAR	TBD	GILCHRIST	PV	SUN	7 / 2023	74.5	44.9	---	---	---	C
DEF	SOLAR QF	5	UNKNOWN	PV	SUN	12 / 2023	150.0	---	---	---	---	NC
SEC	GADSDEN SOLAR	TBD	GADSDEN	PV	SUN	12 / 2023	74.5	44.9	---	---	---	C
SEC	PUTNAM SOLAR	TBD	PUTNAM	PV	SUN	12 / 2023	74.5	44.9	---	---	---	C
<u>2024</u>												
DEF	SOLAR QF	6	UNKNOWN	PV	SUN	12 / 2024	75.0	---	---	---	---	NC

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JANUARY 1, 2020 THROUGH DECEMBER 31, 2029**

(1) UTIL	(2) FACILITY NAME	(3) UNIT NO.	(4) LOCATION	(5) UNIT TYPE	(6) PRIMARY FUEL TYPE	(7) COMMERCIAL IN-SERVICE/ RETIREMENT/ OR CHANGE IN CONTRACT MO. / YEAR	(8) NAMEPLATE CAPABILITY _{AC} (MW)	(9)-(12) POTENTIAL EXPORT TO GRID AT TIME OF PEAK				(13) CONTRACT STATUS
								FIRM		UNCOMMITTED		
								SUM (MW)	WIN (MW)	SUM (MW)	WIN (MW)	
<u>2025</u>												
DEF	SOLAR QF	7	UNKNOWN	PV	SUN	12 / 2025	75.0	---	---	---	---	NC
<u>2026</u>												
DEF	SOLAR QF	8	UNKNOWN	PV	SUN	12 / 2026	75.0	---	---	---	---	NC
<u>2027</u>												
DEF	SOLAR QF	9	UNKNOWN	PV	SUN	12 / 2027	75.0	---	---	---	---	NC
<u>2028</u>												
DEF	SOLAR QF	10	UNKNOWN	PV	SUN	12 / 2028	75.0	---	---	---	---	NC
<u>2029</u>												
DEF	SOLAR QF	11	UNKNOWN	PV	SUN	12 / 2029	75.0	---	---	---	---	NC

2020
LOAD AND RESOURCE PLAN
FLORIDA RELIABILITY COORDINATING COUNCIL
NON-UTILITY GENERATING FACILITIES SUMMARY

SUMMER			WINTER		
YEAR	FIRM NET TO GRID (MW)	UNCOMMITTED NUG GENERATION (MW)	YEAR	FIRM NET TO GRID (MW)	UNCOMMITTED NUG GENERATION (MW)
2020	1,648.7	103.8	2020/21	1,394.0	202.6
2021	1,318.7	103.8	2021/22	1,423.0	202.6
2022	1,405.7	103.8	2022/23	1,423.0	202.6
2023	1,405.7	103.8	2023/24	1,304.3	183.8
2024	1,466.6	94.8	2024/25	1,189.3	183.8
2025	1,313.6	94.8	2025/26	1,047.3	183.8
2026	1,209.6	94.8	2026/27	1,012.3	177.8
2027	1,174.6	88.8	2027/28	1,012.3	177.8
2028	1,174.6	88.8	2028/29	1,012.3	177.8
2029	1,174.6	88.8	2029/30	1,012.3	177.8

2020
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FRCC Form 12
SUMMARY OF FIRM CAPACITY AND ENERGY CONTRACTS
AS OF JANUARY 1, 2020

(1)	(2)	(3)		(4)		(5)		(6)	(7)	(8)
PURCHASING ENTITY	SELLING ENTITY	CONTRACT TERM		CONTRACT CAPACITY		PRIMARY FUEL	DESCRIPTION			
		FROM (MM/DD/YY)	TO (MM/DD/YY)	SUMMER (MW)	WINTER (MW)					
ALACHUA	FMPA	08/14/83	01/01/99	0.4	0.4	NUC	Entitlement Share of St. Lucie Project (St. Lucie #2)			
DEF	GE	04/01/07	04/30/24	160	174	NG	Shady Hills PPA			
DEF	GE	04/01/07	04/30/24	160	174	NG	Shady Hills PPA			
DEF	GE	04/01/07	04/30/24	160	174	NG	Shady Hills PPA			
DEF	NSG	06/01/12	05/31/27	160	170.3	NG	Vandolah with present owner (Northern Star Generation)			
DEF	NSG	06/01/12	05/31/27	160	170.3	NG	Vandolah with present owner (Northern Star Generation)			
DEF	NSG	06/01/12	05/31/27	160	170.3	NG	Vandolah with present owner (Northern Star Generation)			
DEF	NSG	06/01/12	05/31/27	160	170.3	NG	Vandolah with present owner (Northern Star Generation)			
DEF	SOU	06/01/16	05/31/21	424	424	NG	Southern purchase extension			
FKE	FPL	02/17/11	12/31/31	156	122	NG	FKE has entered into a long term full requirements contract with FPL to purchase power.			
FMPA	KEY	04/01/98	12/31/32	36.5	36.5	DFO	All KEYS owned capacity is used by FMPA to serve the ARP			
FMPA	KUA	01/01/14	01/01/99	243.3	254.6	NG	All KUA owned capacity is used by FMPA to serve the ARP			
FMPA	Nextera	06/01/21	09/30/21	16.2	0	SUN	Firm Solar from Phase I PPA			
FMPA	Nextera	06/01/22	09/30/22	16.2	0	SUN	Firm Solar from Phase I PPA			
FMPA	Nextera	06/01/23	09/30/23	16.1	0	SUN	Firm Solar from Phase I PPA			
FMPA	Nextera	06/01/24	09/30/24	23.1	0	SUN	Firm Solar from Phase I PPA			
FMPA	Nextera	06/01/25	09/30/25	23	0	SUN	Firm Solar from Phase I PPA			
FMPA	Nextera	06/01/26	09/30/26	22.9	0	SUN	Firm Solar from Phase I PPA			
FMPA	Nextera	06/01/27	09/30/27	22.8	0	SUN	Firm Solar from Phase I PPA			
FMPA	Nextera	06/01/28	09/30/28	22.8	0	SUN	Firm Solar from Phase I PPA			
FMPA	Nextera	06/01/29	09/30/29	22.7	0	SUN	Firm Solar from Phase I PPA			
FMPA	Origis	06/01/24	09/30/24	38.5	0	SUN	Firm Solar from Phase II PPA			
FMPA	Origis	06/01/25	09/30/25	38.4	0	SUN	Firm Solar from Phase II PPA			
FMPA	Origis	06/01/26	09/30/26	38.3	0	SUN	Firm Solar from Phase II PPA			
FMPA	Origis	06/01/27	09/30/27	38.2	0	SUN	Firm Solar from Phase II PPA			
FMPA	Origis	06/01/28	09/30/28	38	0	SUN	Firm Solar from Phase II PPA			
FMPA	Origis	06/01/29	09/30/29	37.9	0	SUN	Firm Solar from Phase II PPA			
FMPA	SOU	10/01/03	09/30/23	81.4	87.1	NG	PPA with SOU (Stanton A)			
FMPA	SOU	12/16/07	12/16/27	162	180	NG	PPA with SOU (Oleander 5)			
FMPA	TBD	06/01/28	09/30/28	53	0	OTH	Placeholder for meeting Summer loads plus reserve margin.			
FMPA	TBD	06/01/29	09/30/29	65	0	OTH	Placeholder for meeting Summer loads plus reserve margin			
FPL	CORONAL	01/01/22	12/31/22	30	30	SUN	GPC-CO			
FPL	CORONAL	01/01/22	12/31/22	40	40	SUN	GPC-CO			
FPL	CORONAL	01/01/22	12/31/22	50	50	SUN	GPC-CO			
FPL	CORONAL	01/01/23	12/31/24	30	30	SUN	GPC-CO			
FPL	CORONAL	01/01/23	12/31/23	40	0	SUN	GPC-CO			
FPL	CORONAL	01/01/23	12/31/24	50	50	SUN	GPC-CO			
FPL	CORONAL	01/01/24	12/31/25	40	40	SUN	GPC-CO			

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PURCHASING ENTITY	SELLING ENTITY	CONTRACT TERM		CONTRACT CAPACITY		PRIMARY FUEL	DESCRIPTION	
		FROM (MM/DD/YY)	TO (MM/DD/YY)	SUMMER (MW)	WINTER (MW)			
FPL	CORONAL	01/01/25	12/31/25	30	30	SUN	GPC-CO	
FPL	CORONAL	01/01/25	12/31/25	50	50	SUN	GPC-CO	
FPL	CORONAL	01/01/26	12/31/28	30	30	SUN	GPC-CO	
FPL	CORONAL	01/01/26	12/31/26	40	40	SUN	GPC-CO	
FPL	CORONAL	01/20/26	12/31/26	50	50	SUN	GPC-CO	
FPL	CORONAL	01/01/27	12/31/27	40	40	SUN	GPC-CO	
FPL	CORONAL	01/01/27	12/31/27	50	50	SUN	GPC-CO	
FPL	CORONAL	01/01/28	12/31/29	30	30	SUN	GPC-CO	
FPL	CORONAL	01/01/28	12/31/29	40	40	SUN	GPC-CO	
FPL	CORONAL	01/01/28	12/31/28	50	50	SUN	GPC-CO	
FPL	CORONAL	01/01/29	12/31/29	50	50	SUN	GPC-CO	
FPL	MSCG	01/01/22	12/31/35	81	109	WND	Purchase from Morgan Stanley Capital Group (MSCG) -GPC CO	
FPL	OTH	01/01/12	04/01/34	40	40	MSW	Palm Beach SWA	
FPL	OTH	01/01/15	04/01/34	70	70	MSW	Palm Beach SWA- additional	
FPL	OUC	10/01/18	12/31/20	100	70	OTH	PPA	
FPL	SENA	01/01/22	05/24/23	885	885	NG	PPA with Power Marketer (Shell Energy) - GPC CO	
GRU	FIT	01/01/09	12/31/28	0.6	0.6	SUN	Load-reducing 2009 Feed-In Tariff installations	
GRU	FIT	01/01/10	12/31/29	2.7	2.7	SUN	Load-reducing 2010 Feed-In Tariff installations	
GRU	FIT	01/01/11	12/31/30	6	6	SUN	Load-reducing 2011 Feed-In Tariff installations	
GRU	FIT	01/01/12	12/31/31	4.8	4.8	SUN	Load-reducing 2012 Feed-In Tariff installations	
GRU	FIT	01/01/13	12/31/32	4.5	4.5	SUN	Load-reducing 2013 Feed-In Tariff installations	
GRU	G2 U1&2	01/01/09	12/31/23	3	3	LFG	5 year firm TSR for 3 MW from Ocala to the GVL Control Area is in place.	
GRU	G2 U3	09/01/10	12/31/23	0.8	0.8	LFG	This capacity is an amendment to the original 3 MW contract and will be blended to have the same end date as the contract and TSR.	
GRU	Unknown	01/01/23	12/31/42	27.5	4.5	SUN	Solar PPA in planning stage.	
HST	DEF	01/01/13	01/01/20	0	0	BIT	This is a system sales contract. Historically, the majority of the generation has been coal, with natural gas as the secondary fuel.	
HST	FMPA	01/01/20	12/31/25	15	15	AB		
HST	FPL	01/01/20	12/31/25	61	61	OTH	System sale from FPL	
HST	MDA	01/01/20	12/31/25	15	15	OTH	TBD	
HST	SEC	01/01/16	12/31/21	15	15	OTH	Contract from SEC	
JEA	MEAG	11/01/21	11/01/41	100	100	NUC	Nuclear PPA from the Municipal Electric Authority of Georgia (MEAG) for Vogtle Unit 3	
JEA	MEAG	11/01/22	11/01/22	100	100	NUC	Nuclear PPA from the Municipal Electric Authority of Georgia (MEAG) for Vogtle Unit 4	
LWBU	FMPA	08/14/83	01/01/46	21.6	22.41	NUC	Entitlement Share in St. Lucie Project (St. Lucie #2)	
LWBU	FMPA	07/01/87	01/01/46	10.4	10.4	BIT	Entitlement Share in Stanton Project (Stanton 1)	
LWBU	OUC	01/01/20	12/31/20	50	25	OTH	Represents PR purchase from OUC.	
LWBU	OUC	01/01/21	12/31/21	50	25	OTH	Represents PR purchase from OUC.	
LWBU	OUC	01/01/22	12/31/22	50	25	OTH	Represents PR purchase from OUC.	
LWBU	OUC	01/01/23	12/31/24	50	25	OTH	Represents PR purchase from OUC.	
LWBU	OUC	01/01/25	12/31/25	50	25	OTH	Represents PR purchase from OUC.	

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PURCHASING ENTITY	SELLING ENTITY	CONTRACT TERM		CONTRACT CAPACITY		PRIMARY FUEL	DESCRIPTION		
		FROM (MM/DD/YY)	TO (MM/DD/YY)	SUMMER (MW)	WINTER (MW)				
MH	FMPA	08/14/83	01/01/99	0.3	0.3	NUC	Entitlement Share in St. Lucie Project (St. Lucie #2). This contract will not be published in the LRP, only used for FMPA RM Calculation		
NSB	FMPA	08/14/83	01/01/99	8.6	8.9	NUC	Entitlement Share in St. Lucie Project (St. Lucie #2)		
NSB	FPL	02/01/14	12/31/21	45	45	NA	Native Load Firm		
NSB	FPL	01/01/17	12/31/21	20	20	NG	Peaking		
NSB	FPL	01/01/19	12/31/21	30	30	NG	Intermediate		
NSB	TBD	01/01/22	12/31/29	95	95	NA	Future supply		
OUC	OTH	10/01/13	09/30/33	2.56	2.56	LFG	LFG PPA (Port Charlotte)		
OUC	OTH	01/01/17	12/31/35	9	9	SUN	Stanton Solar Farm PPA		
OUC	OTH	01/01/17	12/31/36	6	6	LFG	LFG PPA (Orange County)		
OUC	OTH	01/01/19	12/31/29	9	9	LFG	LFG PPA (CBI)		
OUC	SOU	01/01/18	09/30/31	342	350	NG	OUC PPA with SOU for Stanton A capacity.		
OUC	TBD	10/01/20	12/31/40	19	0	SUN	Future Solar PPA 1		
OUC	TBD	10/01/20	12/31/40	37	0	SUN	Future Solar PPA 2		
OUC	TBD	12/01/22	11/30/41	37	0	SUN	Solar PPA		
OUC	TBD	12/01/23	11/30/42	37	0	SUN	Solar PPA		
RCI	DEF	01/01/20	12/31/20	141	90	NA	Firm Base Load Purchase, this is a reserved product.		
RCI	DEF	01/01/21	12/31/21	128	94	NG	Firm Base Load Purchase, this is a reserved product.		
RCI	DEF	01/01/22	12/31/22	124	98	NA	Firm Base Load Purchase; this is a reserved product.		
RCI	FMPA	01/01/19	06/30/21	53	53	OTH	Firm base load purchase		
RCI	HARVEST	03/01/14	12/31/34	1.2	1.2	OBG	Harvest Power anaerobic digester		
RCI	OTH	03/01/16	03/01/31	4	5	SUN	PV PPA; [FRCC Note: Manually change Selling Entity to DEF in LRP]		
RCI	OTH	01/01/19	01/01/36	51	47	SUN	PV PPA; FL Solar 5 LLC		
RCI	TBD	01/01/23	12/31/23	132	99	NA	Undetermined Purchase, this is a reserved product.		
RCI	TBD	01/01/24	12/31/24	135	100	NA	Undetermined Purchase, this is a reserved product.		
RCI	TBD	01/01/25	12/31/25	136	101	NA	Undetermined Purchase, this is a reserved product.		
RCI	TBD	01/01/26	12/31/26	137	102	NA	Undetermined Purchase, this is a reserved product.		
RCI	TBD	01/01/27	12/31/27	138	103	NA	Undetermined Purchase, this is a reserved product.		
RCI	TBD	01/01/28	12/31/28	139	104	OTH	Undetermined Purchase, this is a reserved product.		
RCI	TBD	01/01/29	12/31/29	140	105	NA	Undetermined Purchase, this is a reserved product.		
RCI	TBD	01/01/30	12/31/30	142	106	NA	Undetermined Purchase, this is a reserved product.		
SEC	DEF	01/01/14	12/31/20	0	600	NA	System firm Winter Seasonal Peaking Capacity purchase.		
SEC	DEF	01/01/14	12/31/20	150	150	NA	System firm intermediate capacity purchase		
SEC	DEF	06/01/17	09/30/20	100	0	NA	System firm Summer Seasonal Peaking Capacity purchase		
SEC	DEF	06/01/19	12/31/22	500	500	NA	System firm intermediate capacity purchase		
SEC	DEF	01/01/21	12/31/21	0	50	NA	System firm Winter Seasonal Peaking Capacity purchase		
SEC	DEF	01/01/21	05/31/21	0	5	NA	System firm intermediate capacity purchase		
SEC	DEF	01/01/21	05/31/21	0	5	NA	System firm peaking capacity purchase		
SEC	DEF	06/01/21	12/31/30	50	50	NA	System firm intermediate capacity purchase		

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PURCHASING ENTITY	SELLING ENTITY	CONTRACT TERM		CONTRACT CAPACITY		PRIMARY FUEL	DESCRIPTION		
		FROM (MM/DD/YY)	TO (MM/DD/YY)	SUMMER (MW)	WINTER (MW)				
SEC	DEF	06/01/21	12/31/24	50	50	NA	System firm peaking capacity purchase		
SEC	DEF	01/01/22	12/31/22	0	150	NA	System firm Winter Seasonal Peaking Capacity purchase		
SEC	DEF	01/01/23	12/31/24	200	200	NA	System firm intermediate capacity purchase		
SEC	DEF	01/01/23	12/31/23	0	50	NA	System firm Winter Seasonal Peaking Capacity purchase		
SEC	DEF	01/01/24	12/31/24	0	100	NA	System firm Winter Seasonal Peaking Capacity purchase		
SEC	DEF	01/01/25	12/31/25	0	75	NA	System firm Winter Seasonal Peaking Capacity purchase		
SEC	DEF	01/01/25	12/31/26	200	200	NA	System firm peaking capacity purchase		
SEC	DEF	01/01/26	12/31/26	0	175	NA	System firm Winter Seasonal Peaking Capacity purchase		
SEC	DEF	01/01/27	03/31/27	0	300	NA	System firm Winter Seasonal Peaking Capacity purchase		
SEC	DEF	01/01/27	12/31/27	250	250	NA	System firm peaking capacity purchase		
SEC	DEF	01/01/28	12/31/30	400	400	NA	System firm peaking capacity purchase		
SEC	DEF	01/01/31	12/31/35	50	50	NA	System firm peaking capacity purchase		
SEC	FPL	06/01/14	05/31/21	200	200	NA	System firm intermediate capacity purchase		
SEC	HILLS	03/01/10	02/28/25	38	38	MSW	Municipal solid waste facility (Hillsborough Waste to Energy)		
SEC	HPP	01/01/13	12/31/32	72	88	NG	Intermediate firm capacity purchase - Hardee CT1A		
SEC	HPP	01/01/13	12/31/32	70	89	NG	The Winter firm capacity for Hardee CT2A has been reduced to 0 to reflect current transmission limitations.		
SEC	HPP	01/01/13	12/31/32	70	89	NG	CT firm capacity purchase - Hardee CT 2B		
SEC	HPP	01/01/13	12/31/32	72	88	NG	Intermediate firm capacity purchase - Hardee CT1B		
SEC	HPP	01/01/13	12/31/32	76	91	WH	Intermediate firm capacity purchase - Hardee ST1		
SEC	Nextera	01/01/10	12/31/21	153	182	NG	Reclassified as IPP since Nextera bought unit from Southern Co. CT firm capacity purchase - Oleander 2(2nd PPA) EXTENDED		
SEC	Nextera	01/01/10	12/31/21	153	182	NG	Reclassified as IPP since Nextera bought unit from Southern Co. CT firm capacity purchase - Oleander 3(2nd PPA) EXTENDED		
SEC	Nextera	01/01/10	12/31/21	153	182	NG	Reclassified as IPP since Nextera bought unit from Southern Co. CT firm capacity purchase - Oleander 4(2nd PPA) EXTENDED		
SEC	OTH	01/01/14	12/21/55	58	58	DFO	Firm purchase from SECI Members for Diesel Generation (CBGs)		
SEC	OTH	08/01/17	08/31/27	0.7	0	SUN	Leased MGS Solar facility.		
SEC	OTH	12/01/21	11/30/51	546	575	NG	Shady Hills CC Facility. Regulatory approval received but not under construction.		
SEC	OTH	07/01/23	06/30/43	74.5	74.5	SUN	Contracted solar facility		
SEC	OTH	07/01/23	06/30/43	74.5	74.5	SUN	Contracted solar facility		
SEC	OTH	12/31/23	12/31/48	74.5	74.5	SUN	Contracted solar facility		
SEC	OTH	12/31/23	12/31/48	74.5	74.5	SUN	Contracted solar facility		
SEC	SCS	06/01/21	12/31/22	150	150	NA	SCS system firm baseload capacity purchase		
SEC	SCS	01/01/23	05/31/26	100	100	NA	SCS system firm baseload capacity purchase		
SEC	Tampa	08/01/11	07/31/26	20	20	MSW	McKay Bay Waste to Energy facility (City of Tampa Waste to Energy)		
SEC	TBD	12/01/20	03/31/21	0	193	NG	System firm seasonal purchase		
SEC	TBD	12/01/21	03/31/22	0	64	NG	System firm seasonal purchase		
SEC	TBD	12/01/22	03/31/23	0	90	NG	System firm seasonal purchase		
SEC	TBD	12/01/23	03/31/24	0	90	NG	System firm seasonal purchase		
SEC	TBD	12/01/24	03/31/25	0	234	NG	System firm seasonal purchase		
SEC	TBD	12/01/25	03/31/26	0	227	NG	System firm seasonal purchase		

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		FROM (MM/DD/YY)	TO (MM/DD/YY)	SUMMER (MW)	WINTER (MW)		
SEC	TBD	06/01/26	09/30/26	28	0	NG	System firm seasonal purchase
SEC	TBD	12/01/26	03/31/27	0	234	NG	System firm seasonal purchase
SEC	TBD	06/01/27	09/30/27	25	0	NG	System firm seasonal purchase
SEC	TBD	12/01/27	03/31/28	0	345	NG	System firm seasonal purchase
SEC	TBD	12/01/28	03/31/29	0	305	NG	System firm seasonal purchase
SEC	TBD	12/01/29	03/31/30	0	350	NG	System firm seasonal purchase
SEC	TELOGIA	07/01/09	05/31/20	13	13	WDS	Telogia Power LLC: Wood waste fueled biomass facility
SEC	TIMBERLINE	02/01/08	03/31/20	1.6	1.6	LFG	Timberline Energy: Landfill gas-to-energy facility - Hernando
STC	FMPA	06/01/96	01/01/46	15.1	15.1	BIT	Entitlement Share in Stanton II Project (Stanton 2)
STC	OUC	10/01/19	09/30/20	187	162	OTH	Interchange between OUC and STC per Interlocal Agreement. Difference between STC peak demand less STC share of Stanton 2.
STC	OUC	10/01/20	09/30/21	192	167	OTH	Interchange between OUC and STC per Interlocal Agreement. Difference between STC peak demand less STC share of Stanton 2.
STC	OUC	10/01/21	09/30/22	199	172	OTH	Interchange between OUC and STC per Interlocal Agreement. Difference between STC peak demand less STC share of Stanton 2.
STC	OUC	10/01/22	09/30/23	204	177	OTH	Interchange between OUC and STC per Interlocal Agreement. Difference between STC peak demand less STC share of Stanton 2.
STC	OUC	10/01/23	09/30/24	210	182	OTH	Interchange between OUC and STC per Interlocal Agreement. Difference between STC peak demand less STC share of Stanton 2.
STC	OUC	10/01/24	09/30/25	216	188	OTH	Interchange between OUC and STC per Interlocal Agreement. Difference between STC peak demand less STC share of Stanton 2.
STC	OUC	10/01/25	09/30/26	222	193	OTH	Interchange between OUC and STC per Interlocal Agreement. Difference between STC peak demand less STC share of Stanton 2.
STC	OUC	10/01/26	09/30/27	229	199	OTH	Interchange between OUC and STC per Interlocal Agreement. Difference between STC peak demand less STC share of Stanton 2.
STC	OUC	10/01/26	09/30/27	229	199	OTH	Interchange between OUC and STC per Interlocal Agreement. Difference between STC peak demand less STC share of Stanton 2.
STC	OUC	10/01/27	09/30/28	237	205	OTH	Interchange between OUC and STC per Interlocal Agreement. Difference between STC peak demand less STC share of Stanton 2.
STC	OUC	10/01/28	09/30/29	244	212	OTH	Interchange between OUC and STC per Interlocal Agreement. Difference between STC peak demand less STC share of Stanton 2.
TEC	FMPA	12/01/19	02/29/20	0	112	NG	Winter 2020 (Dec 2019 - Feb 2020) FMPA: 112 MW
TEC	FMPA	07/01/20	09/30/20	74	0	NG	Summer 2020 (July -Sep) FMPA: 74 MW
TEC	FMPA	12/01/20	02/28/21	0	150	NG	Winter 2021 (Dec 2021 – Feb 2022) FMPA: 150 MW
TEC	FPL	12/01/21	02/28/22	0	160	NG	Winter 2021 (Dec 2021 – Feb 2022)FPL: 160 MW
TEC	OUC	12/01/21	02/28/22	0	100	NG	Winter 2021 (Dec 2021 – Feb 2022)OUC: 100 MW

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**FRCC Form 9.0
FUEL REQUIREMENTS
AS OF JANUARY 1, 2020**

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
FUEL REQUIREMENTS			UNITS	<u>ACTUAL</u> 2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
(1)	NUCLEAR		TRILLION BTU	313	309	310	318	310	313	318	313	312	319	313
(2)	COAL		1000 TON	12,030	10,018	10,599	8,472	6,849	6,817	7,229	7,397	7,612	7,710	7,897
RESIDUAL														
(3)	STEAM		1000 BBL	1,190	0	13	0	0	0	0	0	0	0	0
(4)	CC		1000 BBL	1,000	0	0	0	0	0	0	0	0	0	0
(5)	CT		1000 BBL	1,000	0	0	0	0	0	0	0	0	0	0
(6)	TOTAL:		1000 BBL	3,190	0	13	0	0	0	0	0	0	0	0
DISTILLATE														
(7)	STEAM		1000 BBL	1,055	56	59	51	39	45	41	45	43	37	41
(8)	CC		1000 BBL	971	5	2	33	3	11	19	2	9	9	5
(9)	CT		1000 BBL	1,080	66	77	55	34	127	96	122	166	248	189
(10)	TOTAL:		1000 BBL	3,106	127	138	139	76	183	156	169	218	294	235
NATURAL GAS														
(11)	STEAM		1000 MCF	113,462	56,658	52,495	47,683	42,209	41,454	36,681	35,258	36,239	34,141	31,927
(12)	CC		1000 MCF	1,098,561	1,107,347	1,079,848	1,129,873	1,162,166	1,170,421	1,161,009	1,154,725	1,144,096	1,134,831	1,133,248
(13)	CT		1000 MCF	31,850	24,363	27,030	17,909	14,165	16,167	15,631	15,303	23,553	25,286	21,741
(14)	TOTAL:		1000 MCF	1,243,873	1,188,368	1,159,373	1,195,465	1,218,540	1,228,042	1,213,321	1,205,286	1,203,888	1,194,258	1,186,916
(15)	OTHER		TRILLION BTU	1,209	7,386	1,752	872	914	923	914	929	930	917	949

**2020
LOAD AND RESOURCE PLAN
FLORIDA RELIABILITY COORDINATING COUNCIL**

**FRCC Form 9.1
ENERGY SOURCES (GWH)
AS OF JANUARY 1, 2020**

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
			UNITS	ACTUAL										
ENERGY SOURCES				2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
(1)	FIRM INTER-REGION INTERCHANGE		GWH	4,856	1,770	2,281	2,846	3,817	3,282	3,353	3,323	2,365	2,168	2,223
(2)	NUCLEAR		GWH	28,838	29,430	29,563	30,252	29,569	29,810	30,277	29,841	29,769	30,360	29,826
(3)	COAL		GWH	24,250	22,676	23,760	19,423	15,286	15,383	16,043	16,025	16,375	17,134	17,524
RESIDUAL														
(4)	STEAM		GWH	226	0	9	0	0	0	0	0	0	0	0
(5)	CC		GWH	0	0	0	0	0	0	0	0	0	0	0
(6)	CT		GWH	0	0	0	0	0	0	0	0	0	0	0
(7)	TOTAL:		GWH	226	0	9	0	0	0	0	0	0	0	0
DISTILLATE														
(8)	STEAM		GWH	38	26	30	24	16	19	23	20	23	27	29
(9)	CC		GWH	204	4	2	26	2	8	15	1	7	7	4
(10)	CT		GWH	49	27	31	24	12	48	40	47	62	96	70
(11)	TOTAL:		GWH	291	57	63	74	30	75	78	68	92	130	103
NATURAL GAS														
(12)	STEAM		GWH	9,845	5,238	4,869	4,279	3,785	3,668	3,202	3,080	3,171	2,943	2,744
(13)	CC		GWH	154,203	162,500	158,681	166,174	173,024	174,073	172,534	171,578	170,248	168,716	168,173
(14)	CT		GWH	6,879	2,275	2,509	1,742	1,385	1,551	1,496	1,454	2,218	2,320	2,040
(15)	TOTAL:		GWH	170,927	170,013	166,059	172,195	178,194	179,292	177,232	176,112	175,637	173,979	172,957
(16)	NUG		GWH	1,803	1,994	1,999	2,003	2,003	822	497	2	2	2	2
RENEWABLES														
(17)	BIOFUELS		GWH	28	23	23	23	23	23	23	23	23	23	23
(18)	BIOMASS		GWH	628	175	224	175	188	199	208	213	219	217	227
(19)	HYDRO		GWH	7	0	0	0	0	0	0	0	0	0	0
(20)	LANDFILL GAS		GWH	249	314	416	423	434	415	431	443	327	323	328
(21)	MSW		GWH	670	946	941	956	956	956	949	949	949	952	949
(22)	SOLAR		GWH	3,629	6,026	7,613	10,944	13,211	15,858	17,993	21,361	24,395	27,485	30,430
(23)	WIND		GWH	0	0	0	0	0	0	0	0	0	0	0
(24)	OTHER RENEW.		GWH	0	1,041	3,130	3,407	3,397	3,396	3,377	3,367	3,357	3,355	3,336
(25)	TOTAL:		GWH	5,211	8,525	12,347	15,928	18,209	20,847	22,981	26,356	29,270	32,355	35,293
(26)	OTHER		GWH	3339	4070	3918	10152	7650	7176	8046	8741	8791	8409	8607
(27)	NET ENERGY FOR LOAD		GWH	239,741	238,535	239,999	252,873	254,758	256,687	258,507	260,468	262,301	264,537	266,535

**2020
LOAD AND RESOURCE PLAN
FLORIDA RELIABILITY COORDINATING COUNCIL**

**FRCC Form 9.2
ENERGY SOURCES (%)
AS OF JANUARY 1, 2020**

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
			UNITS	ACTUAL										
ENERGY SOURCES				2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
(1)	FIRM INTER-REGION INTERCHANGE		%	2.03%	0.74%	0.95%	1.13%	1.50%	1.28%	1.30%	1.28%	0.90%	0.82%	0.83%
(2)	NUCLEAR		%	12.03%	12.34%	12.32%	11.96%	11.61%	11.61%	11.71%	11.46%	11.35%	11.48%	11.19%
(3)	COAL		%	10.12%	9.51%	9.90%	7.68%	6.00%	5.99%	6.21%	6.15%	6.24%	6.48%	6.57%
RESIDUAL														
(4)	STEAM		%	0.09%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
(5)	CC		%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
(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)	TOTAL:		%	0.09%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
DISTILLATE														
(8)	STEAM		%	0.02%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%
(9)	CC		%	0.09%	0.00%	0.00%	0.01%	0.00%	0.00%	0.01%	0.00%	0.00%	0.00%	0.00%
(10)	CT		%	0.02%	0.01%	0.01%	0.01%	0.00%	0.02%	0.02%	0.02%	0.02%	0.04%	0.03%
(11)	TOTAL:		%	0.12%	0.02%	0.03%	0.03%	0.01%	0.03%	0.03%	0.03%	0.04%	0.05%	0.04%
NATURAL GAS														
(12)	STEAM		%	4.11%	2.20%	2.03%	1.69%	1.49%	1.43%	1.24%	1.18%	1.21%	1.11%	1.03%
(13)	CC		%	64.32%	68.12%	66.12%	65.71%	67.92%	67.82%	66.74%	65.87%	64.91%	63.78%	63.10%
(14)	CT		%	2.87%	0.95%	1.05%	0.69%	0.54%	0.60%	0.58%	0.56%	0.85%	0.88%	0.77%
(15)	TOTAL:		%	71.30%	71.27%	69.19%	68.10%	69.95%	69.85%	68.56%	67.61%	66.96%	65.77%	64.89%
(16)	NUG		%	0.75%	0.84%	0.83%	0.79%	0.79%	0.32%	0.19%	0.00%	0.00%	0.00%	0.00%
RENEWABLES														
(17)	BIOFUELS		%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%
(18)	BIOMASS		%	0.26%	0.07%	0.09%	0.07%	0.07%	0.08%	0.08%	0.08%	0.08%	0.08%	0.09%
(19)	HYDRO		%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
(20)	LANDFILL GAS		%	0.10%	0.13%	0.17%	0.17%	0.17%	0.16%	0.17%	0.17%	0.12%	0.12%	0.12%
(21)	MSW		%	0.28%	0.40%	0.39%	0.38%	0.38%	0.37%	0.37%	0.36%	0.36%	0.36%	0.36%
(22)	SOLAR		%	1.51%	2.53%	3.17%	4.33%	5.19%	6.18%	6.96%	8.20%	9.30%	10.39%	11.42%
(23)	WIND		%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
(24)	OTHER RENEW.		%	0.00%	0.44%	1.30%	1.35%	1.33%	1.32%	1.31%	1.29%	1.28%	1.27%	1.25%
(25)	TOTAL:		%	2.17%	3.57%	5.14%	6.30%	7.15%	8.12%	8.89%	10.12%	11.16%	12.23%	13.24%
(26)	OTHER		%	1.39%	1.71%	1.63%	4.01%	3.00%	2.80%	3.11%	3.36%	3.35%	3.18%	3.23%
(27)	NET ENERGY FOR LOAD		%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

**2020
LOAD AND RESOURCE PLAN
FLORIDA RELIABILITY COORDINATING COUNCIL**

**FRCC Form 13
SUMMARY AND SPECIFICATIONS OF PROPOSED TRANSMISSION LINES
AS OF JANUARY 1, 2020**

(1)	(2)		(3)	(4)	(5)	(6)	(7)
LINE OWNERSHIP	TERMINALS		LINE LENGTH CKT. MILES	COMMERCIAL IN-SERVICE (MO./YR)	NOMINAL VOLTAGE (kV)	CAPACITY (MVA)	SITED UNDER
TEC	BIG BEND	LITTLE MANATEE RIVER	0.18	2 / 2020	230	1119	NA
TEC	LITTLE MANATEE RIVER	FPL MANATEE	0.18	2 / 2020	230	1119	NA
TAL	SUB 11	SUB 31	0	6 / 2020	115	151	NA
JEA	GREENLAND ENERGY CENTER	BARTRAM	8.84	12 / 2020	230	668	NA
TEC	DURRANCE	ASPEN	0.03	1 / 2021	230	1119	NA
TEC	POLK	DURRANCE	0.03	1 / 2021	230	1119	NA
FPL	CRYSTAL BEACH	DESTIN	4.25	6 / 2023	115	240	NA
DEF	KATHLEEN	HAINES CITY EAST	50	6 / 2024	230	1260	NA

**2020
LOAD AND RESOURCE PLAN
FLORIDA RELIABILITY COORDINATING COUNCIL**

**ABBREVIATIONS
ELECTRIC MARKET PARTICIPANTS**

CAL	-	Calpine	LCEC	-	Lee County Electric Cooperative
DEF	-	Duke Energy Florida	LWBU	-	Lake Worth Beaches, City of
FKE	-	Florida Keys Electric Cooperative Association, Inc.	NSB	-	New Smyrna Beach, Utilities Commission of
FMD	-	Ft. Meade, City of	NSG	-	Northern Star Generation
FMPA	-	Florida Municipal Power Agency	NRG	-	NRG Energy
FPL	-	Florida Power & Light	OUC	-	Orlando Utilities Commission
FPU	-	Florida Public Utilities	OUS	-	Ocala Utility Services
FTP	-	Ft. Pierce Utilities Authority	PEC	-	PowerSouth Energy Cooperative
GE	-	General Electric	RCI	-	Reedy Creek Improvement District
GaPC	-	Georgia Power Company	SEC	-	Seminole Electric Cooperative, Inc.
GPC	-	Gulf Power Company	SEPA	-	Southeastern Power Administration
GRU	-	Gainesville Regional Utilities	SREC	-	Santa Rosa Energy Center
HPP	-	Hardee Power Partners	SOU	-	Southern Power Company
HST	-	Homestead Energy Services	STC	-	St. Cloud, City of
JEA	-	JEA	TAL	-	Tallahassee, City of
KEY	-	Key West, City of	TEC	-	Tampa Electric Company
KUA	-	Kissimmee Utility Authority	VER	-	Vero Beach, City of
LAK	-	Lakeland, City of	WAU	-	Wauchula, City of

OTHER

FRCC - Florida Reliability Coordinating Council

**2020
LOAD AND RESOURCE PLAN
FLORIDA RELIABILITY COORDINATING COUNCIL**

GENERATION TERMS

Status of Generation Facilities

A	--	Generating unit capability increased
CO	--	Change of ownership (including change of shares of jointly owned units)
D	--	Generating unit capability decreased
D (S)	--	Solar Degradation
EO	--	Non-Firm Generating Capacity (Energy Only). This generation is not included in calculation of Total Available Capacity.
FC	--	Existing generator planned for conversion to another fuel or energy source
IP	--	Planned generator indefinitely postponed or canceled
IR	--	Inactive Reserves. This generation is not included in calculation of Total Available Capacity.
L	--	Regulatory approval pending. Not under construction
M	--	Generating unit put in deactivated shutdown status
NS	--	Merchant Plant - No system impact study, not under construction
OP	--	Operating, available to operate, or on short-term scheduled or forced outage
OP (IR)	--	Generating unit placed into OP status from Inactive Reserves
OP (M)	--	Generating unit placed into OP status following scheduled maintenance
OP (U)	--	Generating unit placed into OP status following scheduled uprate
OS	--	On long-term scheduled or forced outage; not available to operate. This generation is not included in calculation of Total Available Capacity.
OS (IR)	--	Generating unit placed into OS status for Inactive Reserves
OS (M)	--	Generating unit placed into OS status for scheduled maintenance
OS (RS)	--	Generating unit placed into OS status for reserve shutdown
OS (U)	--	Generating unit placed into OS status for scheduled unit uprate
OT	--	Other
P	--	Planned for installation but not utility-authorized. Not under construction
RA	--	Previously deactivated or retired generator planned for reactivation
RE	--	Retired
RP	--	Proposed for repowering or life extension
RT	--	Existing generator scheduled for retirement
SB	--	Cold Standby: deactivated, in long-term storage and cannot be made available for service in a short period of time. This generation is not included in calculation of Total Available Capacity.
SC	--	Synchronous Condenser
SD	--	Sold to independent power producer
SI	--	Merchant Plant - System impact study completed, not under construction
T	--	Regulatory approval received but not under construction
TS	--	Construction complete, but not yet in commercial operation
U	--	Under construction, less than or equal to 50% complete
V	--	Under construction, more than 50% complete

Ownership

COG	--	Cogenerator
IPP	--	Independent Power Producer
J	--	Utility, joint ownership with one or more other utilities
MER	--	Merchant Generator
SPP	--	Small Power Producing qualifying facility
U	--	Utility, single ownership by respondent

Contracts

C	--	Contract in place
CE	--	Contract Ends
D	--	Decrease in Contract Amount
I	--	Increase in Contract Amount
NC	--	No Contract

Types of Generation Units

CA	--	Combined Cycle Steam Part
CC	--	Combined Cycle Total Unit
CE	--	Compressed Air Energy Storage
CS	--	Combined Cycle Single Shaft
CT	--	Combined Cycle Combustion Turbine Part
FC	--	Fuel Cell
GT	--	Gas Turbine (includes Jet Engine Design)
HY	--	Hydraulic Turbine
IC	--	Internal Combustion Engine
NA	--	Not Available
OT	--	Other
PV	--	Photovoltaic
ST	--	Steam Turbine, including nuclear, and solar steam
WT	--	Wind Turbine

Fuel Transportation Method

CV	--	Conveyor
NA	--	Not Applicable
PL	--	Pipeline
RR	--	Railroad
TK	--	Truck
UN	--	Unknown at this time
WA	--	Water Transportation

Types of Fuel

AB	--	Agriculture Byproducts, Bagasse, Straw, Energy Crops
BIT	--	Bituminous Coal
DFO	--	Distillate Fuel Oil (Diesel, No 1 Fuel Oil, No 2 Fuel Oil, No 4 Fuel Oil)
LFG	--	Landfill Gas
LIG	--	Lignite
MSW	--	Municipal Solid Waste
NA	--	Not Available or Not Applicable
NG	--	Natural Gas
NUC	--	Nuclear
OBG	--	Other BioMass Gases
OBL	--	Other BioMass Liquids
OBS	--	Other BioMass Solids
OG	--	Other Gas
OTH	--	Other
PC	--	Petroleum Coke
RFO	--	Residual Fuel Oil (No 5 Fuel Oil, No 6 Fuel Oil)
SUB	--	Subbituminous Coal
SUN	--	Solar (Photovoltaic, Thermal)
WAT	--	Water
WDS	--	Wood/Wood Waste Solids
WDL	--	Wood/Wood Waste Liquids
WH	--	Waste Heat / Combined Cycle Steam Part
WND	--	Wind

**2020
LOAD AND RESOURCE PLAN
FLORIDA RELIABILITY COORDINATING COUNCIL**

CONTRACT TERMS

FR	--	Full Requirement service agreement
PR	--	Partial Requirement service agreement
Schd D	--	Long term firm capacity and energy interchange agreement
Schd E	--	Non-Firm capacity and energy interchange agreement
Schd F	--	Long term non-firm capacity and energy interchange agreement
Schd G	--	Back-up reserve service
Schd J	--	Contract which the terms and conditions are negotiated yearly
UPS	--	Unit Power Sale

**2020
LOAD AND RESOURCE PLAN
FLORIDA RELIABILITY COORDINATING COUNCIL**

DEFINITIONS

CAAGR

- Compound Average Annual Growth Rate, usually expressed as a percent.

INTERRUPTIBLE LOAD

- Load which may be disconnected at the supplier's discretion.

LOAD FACTOR

- A percent which is the calculation of NEL / (annual peak demand * the number of hours in the year).

NET CAPABILITY OR NET CAPACITY

- The continuous gross capacity, less the power required by all auxiliaries associated with the unit.

NET ENERGY FOR LOAD (NEL)

- The net system generation PLUS interchange received MINUS interchange delivered.

PEAK DEMAND OR PEAK LOAD

- The net 60-minute integrated demand, actual or adjusted. Forecasted loads assume normal weather conditions.

PENINSULAR FLORIDA

- Geographically, those Florida utilities located east of the Apalachicola River.

QUALIFYING FACILITY (QF)

- The cogenerator or small power producer which meets FERC criteria for a qualifying facility.

SALES FOR RESALE

- Energy sales to other electric utilities.

STATE OF FLORIDA

- Utilities in Peninsular Florida plus Gulf Power Company, West Florida Electric Cooperative, Choctawhatchee Electric Cooperative, Escambia River Electric Cooperative, Gulf Coast Electric Cooperative, and PowerSouth Energy Cooperative.

SUMMER

- June 1 through August 31 of each year being studied.

WINTER

- December 1 through March 1.

YEAR

- The calendar year, January 1, through December 31. Unless otherwise indicated, this is the year used for historical and forecast data.

STATE OF FLORIDA SUPPLEMENT

TO THE

FLORIDA RELIABILITY COORDINATING COUNCIL

2020

REGIONAL LOAD & RESOURCE PLAN

**2020
LOAD AND RESOURCE PLAN
STATE OF FLORIDA**

HISTORY AND FORECAST

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
YEAR	SUMMER PEAK DEMAND (MW)				YEAR	WINTER PEAK DEMAND (MW)				YEAR	ENERGY	
	ACTUAL PEAK DEMAND (MW)					ACTUAL PEAK DEMAND (MW)					NET ENERGY FOR LOAD (GWH)	LOAD FACTOR (%)
2010	48,427				2010 / 11	48,789				2010	247,276	51.5%
2011	47,724				2011 / 12	40,920				2011	237,860	55.7%
2012	46,709				2012 / 13	38,893				2012	234,312	57.3%
2013	47,301				2013 / 14	42,071				2013	235,057	56.7%
2014	48,659				2014 / 15	45,653				2014	238,689	56.0%
2015	48,649				2015 / 16	40,448				2015	248,351	58.3%
2016	50,606				2016 / 17	39,046				2016	246,495	55.6%
2017	49,327				2017 / 18	46,127				2017	244,464	56.6%
2018	48,426				2018 / 19	38,516				2018	250,605	59.1%
2019	51,350				2019 / 20	41,853				2019	253,546	56.4%

YEAR	TOTAL PEAK DEMAND (MW)	INTER-RUPTIBLE LOAD (MW)	LOAD MANAGEMENT (MW)	NET FIRM PEAK DEMAND (MW)	YEAR	TOTAL PEAK DEMAND (MW)	INTER-RUPTIBLE LOAD (MW)	LOAD MANAGEMENT (MW)	NET FIRM PEAK DEMAND (MW)	YEAR	NET ENERGY FOR LOAD (GWH)	LOAD FACTOR (%)
2020	51,240	549	2,436	48,255	2020 / 21	47,562	508	2,377	44,677	2020	252,406	56.2%
2021	51,644	560	2,470	48,614	2021 / 22	47,856	506	2,416	44,934	2021	253,821	56.1%
2022	51,908	558	2,505	48,845	2022 / 23	48,327	506	2,453	45,368	2022	255,071	56.1%
2023	52,422	557	2,542	49,323	2023 / 24	48,780	506	2,490	45,784	2023	256,974	56.0%
2024	52,892	557	2,578	49,757	2024 / 25	49,169	506	2,539	46,124	2024	258,922	55.9%
2025	53,459	556	2,626	50,277	2025 / 26	49,815	505	2,590	46,720	2025	260,764	55.7%
2026	54,059	556	2,673	50,830	2026 / 27	50,256	505	2,639	47,112	2026	262,737	55.5%
2027	54,680	556	2,723	51,401	2027 / 28	50,859	504	2,689	47,666	2027	264,586	55.2%
2028	55,266	556	2,769	51,941	2028 / 29	51,429	506	2,742	48,181	2028	266,834	55.1%
2029	56,090	556	2,817	52,717	2029 / 30	51,919	506	2,791	48,622	2029	268,844	54.7%

NOTE: FORECASTED SUMMER AND WINTER DEMANDS ARE NON-COINCIDENT.

**2020
LOAD AND RESOURCE PLAN
STATE OF FLORIDA**
FRCC Form 4.0
**HISTORY AND FORECAST OF ENERGY CONSUMPTION AND
NUMBER OF CUSTOMERS BY CUSTOMER CLASS
AS OF JANUARY 1, 2020**

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
YEAR	RURAL & RESIDENTIAL			COMMERCIAL			INDUSTRIAL		STREET & HIGHWAY LIGHTING GWH	OTHER SALES GWH	TOTAL SALES GWH	WHOLESALE PURCHASES FOR RESALE GWH	WHOLESALE SALES FOR RESALE GWH	UTILITY USE & LOSSES GWH	AGGREGATION ADJUSTMENT GWH	NET ENERGY FOR LOAD GWH	
	GWH	AVERAGE NO. OF CUSTOMERS	AVG. KWH CONSUMPTION PER CUST.	GWH	AVERAGE NO. OF CUSTOMERS	AVG. KWH CONSUMPTION PER CUST.	GWH	AVERAGE NO. OF CUSTOMERS									AVG. KWH CONSUMPTION PER CUST.
2010	118,871	8,325,474	14,278	80,171	1,030,890	77,769	20,716	27,047	765,926	858	5,365	225,981	0	9,840	16,782	-5327	247,276
2011	113,410	8,364,698	13,558	80,321	1,037,455	77,421	20,543	27,184	755,702	850	5,340	220,464	0	8,948	12,448	-4000	237,860
2012	109,163	8,419,984	12,965	80,905	1,047,831	77,212	19,616	25,979	755,071	845	5,351	215,880	0	8,341	13,541	-3450	234,312
2013	110,127	8,515,868	12,932	83,283	1,061,129	78,485	17,047	20,709	823,169	835	5,297	216,589	0	7,954	13,429	-2915	235,057
2014	111,825	8,532,564	13,106	83,326	1,068,656	77,973	17,223	21,657	795,263	827	5,444	218,645	0	11,374	12,479	-3809	238,689
2015	117,738	8,666,064	13,586	85,996	1,077,633	79,801	17,355	22,706	764,335	857	5,736	227,682	0	12,827	12,987	-5145	248,351
2016	118,663	8,797,121	13,489	86,268	1,093,241	78,910	17,248	23,154	744,925	848	5,718	228,745	0	13,237	11,480	-6967	246,495
2017	116,740	8,914,734	13,095	85,681	1,106,795	77,414	17,329	22,994	753,631	753	5,731	226,234	0	13,218	11,974	-6962	244,464
2018	119,980	9,009,348	13,317	86,027	1,112,686	77,315	17,153	22,732	754,575	750	5,932	229,842	0	13,718	12,271	-5226	250,605
2019	121,825	9,178,136	13,273	86,777	1,132,143	76,648	17,248	22,702	759,757	725	5,958	232,533	0	14,374	12,144	-5505	253,546
2020-2029																	
% AAGR	0.27%			0.88%			-2.02%										0.28%
2020	120,559	9,300,270	12,963	86,760	1,145,762	75,723	17,254	23,078	747,638	685	5,993	231,251	0	12,855	12,573	-4273	252,406
2021	121,504	9,415,086	12,905	87,554	1,158,742	75,560	17,601	23,641	744,512	683	6,028	233,370	0	12,050	12,058	-3657	253,821
2022	122,058	9,529,148	12,809	88,023	1,172,077	75,100	17,948	24,025	747,055	673	6,118	234,820	0	11,555	12,224	-3528	255,071
2023	123,094	9,595,638	12,828	88,499	1,184,693	74,702	18,108	24,257	746,506	677	6,182	236,560	0	11,303	12,328	-3217	256,974
2024	124,309	9,661,472	12,866	89,067	1,195,816	74,482	18,235	24,398	747,397	688	6,229	238,528	0	11,057	12,593	-3256	258,922
2025	125,533	9,726,592	12,906	89,655	1,205,863	74,349	18,316	24,573	745,371	711	6,286	240,501	0	10,902	12,285	-2924	260,764
2026	126,594	9,790,112	12,931	90,059	1,215,575	74,088	18,366	24,749	742,091	716	6,338	242,073	0	10,742	12,602	-2680	262,737
2027	128,005	9,852,633	12,992	90,563	1,225,243	73,914	18,451	24,830	743,093	723	6,397	244,139	0	10,528	12,639	-2720	264,586
2028	129,797	9,913,114	13,093	91,279	1,234,931	73,914	18,553	24,869	746,029	722	6,457	246,808	0	10,182	12,603	-2759	266,834
2029	131,201	9,971,400	13,158	91,599	1,244,629	73,595	18,645	24,927	747,984	724	6,520	248,689	0	10,307	12,652	-2804	268,844
2020-2029																	
% AAGR	0.94%			0.60%			0.87%										0.70%

2020
LOAD AND RESOURCE PLAN
STATE OF FLORIDA
FRCC Form 5.0
HISTORY AND FORECAST OF SUMMER PEAK DEMAND (MW)
AS OF JANUARY 1, 2020

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
								[(2)+(3)+(4)+(5)+(6)+(7)+(8)]
YEAR	SUMMER NET FIRM PEAK DEMAND	DEMAND REDUCTION			SELF-SERVED GENERATION	CUMULATIVE CONSERVATION		SUMMER TOTAL DEMAND
		INTERRUPTIBLE LOAD	RESIDENTIAL LOAD MANAGEMENT	COMM./IND. LOAD MANAGEMENT		RESIDENTIAL	COMM./IND.	
2018	48,426	0	54	20	410	2,630	1,687	53,227
2019	51,350	0	58	20	378	2,680	1,725	56,211
2020	48,255	549	1,315	1,121	596	2,731	1,734	56,301
2021	48,614	560	1,332	1,138	591	2,781	1,757	56,773
2022	48,845	558	1,351	1,154	379	2,819	1,777	56,883
2023	49,323	557	1,369	1,173	379	2,859	1,799	57,459
2024	49,757	557	1,389	1,189	379	2,896	1,818	57,985
2025	50,277	556	1,420	1,206	379	2,934	1,837	58,609
2026	50,830	556	1,452	1,221	379	2,972	1,857	59,267
2027	51,401	556	1,484	1,239	379	3,020	1,880	59,959
2028	51,941	556	1,515	1,254	379	3,057	1,899	60,601
2029	52,717	556	1,547	1,270	379	3,099	1,921	61,489

2020
LOAD AND RESOURCE PLAN
STATE OF FLORIDA
FRCC Form 6.0
HISTORY AND FORECAST OF WINTER PEAK DEMAND (MW)
AS OF JANUARY 1, 2020

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
								[(2)+(3)+(4)+(5)+(6)+(7)+(8)]
YEAR	WINTER NET FIRM PEAK DEMAND	DEMAND REDUCTION			SELF-SERVED GENERATION	CUMULATIVE CONSERVATION		WINTER TOTAL DEMAND
		INTERRUPTIBLE LOAD	RESIDENTIAL LOAD MANAGEMENT	COMM./IND. LOAD MANAGEMENT		RESIDENTIAL	COMM./IND.	
2018/19	38,516	0	53	22	419	2,851	914	42,787
2019/20	41,853	0	44	21	294	2,901	932	46,057
2020/21	44,677	508	1,527	850	591	2,942	955	52,050
2021/22	44,934	506	1,554	862	379	2,984	975	52,194
2022/23	45,368	506	1,581	872	379	3,017	998	52,721
2023/24	45,784	506	1,607	883	379	3,050	1,013	53,222
2024/25	46,124	506	1,643	896	379	3,080	1,030	53,658
2025/26	46,720	505	1,685	905	379	3,115	1,045	54,354
2026/27	47,112	505	1,724	915	379	3,147	1,059	54,841
2027/28	47,666	504	1,765	924	379	3,177	1,075	55,490
2028/29	48,181	506	1,807	935	379	3,207	1,090	56,105
2029/30	48,622	506	1,847	944	379	3,235	1,104	56,637

2020
LOAD AND RESOURCE PLAN
STATE OF FLORIDA
FRCC Form 7.0
HISTORY AND FORECAST OF ANNUAL NET ENERGY FOR LOAD (GWH)
AS OF JANUARY 1, 2020

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
								[(2)+(3)+(4)+(5)+(6)+(7)+(8)]
YEAR	NET ENERGY FOR LOAD	ENERGY REDUCTION			SELF-SERVED GENERATION	CUMULATIVE CONSERVATION		TOTAL ENERGY FOR LOAD
		INTERRUPTIBLE LOAD	RESIDENTIAL LOAD MANAGEMENT	COMM./IND. LOAD MANAGEMENT		RESIDENTIAL	COMM./IND.	
2018	250,605	0	0	0	2,059	6,106	4,878	263,648
2019	253,546	0	0	0	1,892	6,203	5,040	266,681
2020	252,406	0	0	9	1,978	6,283	5,065	265,741
2021	253,821	0	0	10	1,977	6,378	5,155	267,342
2022	255,071	0	0	10	1,976	6,465	5,241	268,762
2023	256,974	0	0	10	1,976	6,550	5,316	270,826
2024	258,922	0	0	10	1,976	6,635	5,378	272,921
2025	260,764	0	0	10	1,977	6,720	5,441	274,912
2026	262,737	0	0	10	1,976	6,804	5,503	277,029
2027	264,586	0	0	11	1,976	6,887	5,565	279,025
2028	266,834	0	0	11	1,977	6,970	5,631	281,423
2029	268,844	0	0	11	1,976	7,054	5,696	283,581

**2020
LOAD AND RESOURCE PLAN
STATE OF FLORIDA**

**SUMMARY OF INTERRUPTIBLE LOAD AND LOAD MANAGEMENT (MW)
2020 THROUGH 2029**

SUMMER

YEAR	FRCC TOTALS			STATE TOTALS			STATE TOTALS
	INT	RES LM	COM LM	INT	RES LM	COM LM	INT + LM
2020	549	1,315	1,121	549	1,315	1,121	2,985
2021	560	1,332	1,138	560	1,332	1,138	3,030
2022	558	1,351	1,154	558	1,351	1,154	3,063
2023	557	1,369	1,173	557	1,369	1,173	3,099
2024	557	1,389	1,189	557	1,389	1,189	3,135
2025	556	1,420	1,206	556	1,420	1,206	3,182
2026	556	1,452	1,221	556	1,452	1,221	3,229
2027	556	1,484	1,239	556	1,484	1,239	3,279
2028	556	1,515	1,254	556	1,515	1,254	3,325
2029	556	1,547	1,270	556	1,547	1,270	3,373

WINTER

YEAR	FRCC TOTALS			STATE TOTALS			STATE TOTALS
	INT	RES LM	COM LM	INT	RES LM	COM LM	INT + LM
2020/21	508	1,527	850	508	1,527	850	2,885
2021/22	506	1,554	862	506	1,554	862	2,922
2022/23	506	1,581	872	506	1,581	872	2,959
2023/24	506	1,607	883	506	1,607	883	2,996
2024/25	506	1,643	896	506	1,643	896	3,045
2025/26	505	1,685	905	505	1,685	905	3,095
2026/27	505	1,724	915	505	1,724	915	3,144
2027/28	504	1,765	924	504	1,765	924	3,193
2028/29	506	1,807	935	506	1,807	935	3,248
2029/30	506	1,847	944	506	1,847	944	3,297

**2020
LOAD AND RESOURCE PLAN
STATE OF FLORIDA
SUMMARY OF EXISTING CAPACITY
AS OF JANUARY 1, 2020**

<u>UTILITY</u>	<u>NET CAPABILITY (MW)</u>	
	<u>SUMMER</u>	<u>WINTER</u>
GULF POWER COMPANY	2,348	2,345
POWERSOUTH ENERGY COOPERATIVE	1,866	2,062
<u>TOTALS</u>		
FRCC REGION	51,882	54,000
STATE OF FLORIDA	56,096	58,407
FRCC FIRM NON-UTILITY PURCHASES	3,588	3,774
STATE FIRM NON-UTILITY PURCHASES	1,663	1,739
TOTAL FRCC REGION	55,470	57,774
TOTAL STATE OF FLORIDA	57,759	60,146

**2020
LOAD AND RESOURCE PLAN
STATE OF FLORIDA
FRCC Form 1.0
EXISTING GENERATING FACILITIES AS OF JANUARY 1, 2020**

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
PLANT NAME	UNIT NO.	LOCATION	UNIT TYPE	PRIMARY FUEL		ALTERNATE FUEL		ALT. FUEL STORAGE (DAYS BURN)	COMMERCIAL IN-SERVICE MO. / YEAR	EXPECTED RETIREMENT MO. / YEAR	GROSS CAPABILITY		NET CAPABILITY		STATUS
				FUEL TYPE	TRANSP. METHOD	FUEL TYPE	TRANSP. METHOD				SUMMER (MW)	WINTER (MW)	SUMMER (MW)	WINTER (MW)	
GULF POWER COMPANY															
CRIST	4	ESCAMBIA	ST	BIT	WA	NG	PL	0	7 / 1959	--- / ---	79	79	75	75	OP
CRIST	5	ESCAMBIA	ST	BIT	WA	NG	PL	0	6 / 1961	1 / 2022	77	77	75	75	OP
CRIST	6	ESCAMBIA	ST	BIT	WA	NG	PL	0	5 / 1970	1 / 2022	317	317	299	299	OP
CRIST	7	ESCAMBIA	ST	BIT	WA	NG	PL	0	8 / 1973	1 / 2022	498	498	475	475	OP
DANIEL *	1	JACKSON, MS	ST	BIT	RR	RFO	TK	0	9 / 1977	1 / 2022	255	255	251	251	OP
DANIEL *	2	JACKSON, MS	ST	BIT	RR	RFO	TK	0	6 / 1981	1 / 2022	255	255	251	251	OP
LANSING SMITH	3	BAY	CC	NG	PL	NA	NA	0	4 / 2002	1 / 2022	674	658	660	646	OP
LANSING SMITH	A	BAY	GT	DFO	TK	---	---	0	5 / 1971	1 / 2022	32	40	32	40	OP
PEA RIDGE	1	SANTA ROSA	GT	NG	PL	---	---	0	5 / 1998	---	4	5	4	5	OP
PEA RIDGE	2	SANTA ROSA	GT	NG	PL	---	---	0	5 / 1998	1 / 2022	4	5	4	5	OP
PEA RIDGE	3	SANTA ROSA	GT	NG	PL	---	---	0	5 / 1998	1 / 2022	4	5	4	5	OP
PERDIDO	1	ESCAMBIA	IC	LFG	PL	---	---	0	10 / 2010	---	1.8	1.8	1.5	1.5	OP
PERDIDO	2	ESCAMBIA	IC	LFG	PL	---	---	0	10 / 2010	---	1.8	1.8	1.5	1.5	OP
SCHERER *	3	MONROE, GA	ST	BIT	RR	NA	NA	0	1 / 1987	1 / 2022	225	225	215	215	OP
GPC TOTAL:												2,348	2,345		
POWERSOUTH ENERGY COOPERATIVE															
CHARLES R. LOWMAN	1	WASHINGTON, AL	ST	BIT	WA	---	---	0	6 / 1969	---	52	52	52	52	OP
CHARLES R. LOWMAN	2	WASHINGTON, AL	ST	BIT	WA	---	---	0	6 / 1978	---	235	235	235	235	OP
CHARLES R. LOWMAN	3	WASHINGTON, AL	ST	BIT	WA	---	---	0	6 / 1980	---	238	238	238	238	OP
GANTT	3	COVINGTON, AL	HY	WAT	WA	---	---	0	1 / 1926	---	0.8	0.8	0.8	0.8	OP
GANTT	4	COVINGTON, AL	HY	WAT	WA	---	---	0	2 / 1945	---	1.8	1.8	1.8	1.8	OP
JAMES H. MILLER JR. *	1	JEFFERSON, AL	ST	BIT	WA	---	---	0	6 / 1978	---	57	57	57	57	OP
JAMES H. MILLER JR. *	2	JEFFERSON, AL	ST	BIT	WA	---	---	0	6 / 1985	---	57	57	57	57	OP
MCINTOSH	1	WASHINGTON, AL	CE	NG	PL	---	---	0	6 / 1991	---	110	110	110	110	OS
MCINTOSH	2	WASHINGTON, AL	GT	NG	PL	DFO	TK	0	6 / 1998	---	114	120	114	120	OP
MCINTOSH	3	WASHINGTON, AL	GT	NG	PL	DFO	TK	0	6 / 1998	---	114	120	114	120	OP
MCINTOSH	4	WASHINGTON, AL	CT	NG	PL	NA	UN	0	12 / 2010	---	173	222	173	222	OP
MCINTOSH	5	WASHINGTON, AL	CT	NG	PL	---	---	0	12 / 2010	---	173	222	173	222	OP
MCWILLIAMS	1	COVINGTON, AL	CA	WH	---	---	---	0	12 / 1954	---	8	8	0	0	OP
MCWILLIAMS	2	COVINGTON, AL	CA	WH	---	---	---	0	12 / 1954	---	9	9	9	9	OP
MCWILLIAMS	3	COVINGTON, AL	CA	WH	---	---	---	0	8 / 1959	---	21	21	17	17	OP

*Jointly Owned Unit

**2020
LOAD AND RESOURCE PLAN
STATE OF FLORIDA
FRCC Form 1.0
EXISTING GENERATING FACILITIES AS OF JANUARY 1, 2020**

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
PLANT NAME	UNIT NO.	LOCATION	UNIT TYPE	PRIMARY FUEL		ALTERNATE FUEL		ALT. FUEL STORAGE (DAYS BURN)	COMMERCIAL IN-SERVICE MO. / YEAR	EXPECTED RETIREMENT MO. / YEAR	GROSS CAPABILITY		NET CAPABILITY		STATUS
				FUEL TYPE	TRANSP. METHOD	FUEL TYPE	TRANSP. METHOD				SUMMER (MW)	WINTER (MW)	SUMMER (MW)	WINTER (MW)	
POWERSOUTH ENERGY COOPERATIVE (cont.)															
MCWILLIAMS	4	COVINGTON, AL	GT	NG	PL	DFO	TK	0	12 / 1996	--- / ---	114	121	114	121	OP
MCWILLIAMS	VAN1	COVINGTON, AL	CT	NG	PL	---	---	0	1 / 2002	--- / ---	166	201	166	201	OP
MCWILLIAMS	VAN2	COVINGTON, AL	CT	NG	PL	---	---	0	1 / 2002	--- / ---	166	201	166	201	OP
MCWILLIAMS	VAN3	COVINGTON, AL	CA	WH	---	---	---	0	1 / 2002	--- / ---	174	183	174	183	OP
POINT A	1	COVINGTON, AL	HY	WAT	WA	---	---	0	1 / 1945	--- / ---	1.4	1.4	1.4	1.4	OP
POINT A	2	COVINGTON, AL	HY	WAT	WA	---	---	0	1 / 1925	--- / ---	1.4	1.4	1.4	1.4	OP
POINT A	3	COVINGTON, AL	HY	WAT	WA	---	---	0	1 / 1949	--- / ---	1.6	1.6	1.6	1.6	OP
PEC TOTAL:												1,866	2,062		
FRCC TOTAL:														51,882	54,000
STATE TOTAL:														56,096	58,407

2020
LOAD AND RESOURCE PLAN
STATE OF FLORIDA
FRCC Form 1.1
PLANNED AND PROSPECTIVE GENERATING FACILITY ADDITIONS AND CHANGES
(JANUARY 1, 2020 THROUGH DECEMBER 31, 2029)

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
UTILITY	PLANT NAME	UNIT NO.	LOCATION	UNIT TYPE	PRIMARY FUEL		ALTERNATE FUEL		ALT. FUEL STORAGE (DAYS BURN)	EFFECTIVE CHANGE DATE MO. / YEAR	GROSS CAPABILITY		NET CAPABILITY		CHANGE/ STATUS
					TYPE	TRANS.	TYPE	TRANS.			SUMMER (MW)	WINTER (MW)	SUMMER (MW)	WINTER (MW)	
2020															
GPC	BLUE INDIGO SOLAR	1	JACKSON	PV	SUN	---	---	---	0	4 / 2020	41.3	0	41.3	0	V
2020 TOTAL:													41	0	
2021															
GPC	BLUE INDIGO SOLAR	1	JACKSON	PV	SUN	---	---	---	0	1 / 2021	-0.1	0	-0.1	0	OT
GPC	BLUE SPRING SOLAR	1	JACKSON	PV	SUN	---	---	---	0	12 / 2021	37.3	0	37.3	0	P
GPC	CHAUTAUQUA SOLAR	1	WALTON	PV	SUN	---	---	---	0	12 / 2021	37.3	0	37.3	0	P
2021 TOTAL:													75	0	
2022															
GPC	BLUE INDIGO SOLAR	1	JACKSON	PV	SUN	---	---	---	0	1 / 2022	-41.3	0	-41.3	0	CO
GPC	BLUE SPRING SOLAR	1	JACKSON	PV	SUN	---	---	---	0	1 / 2022	-37.3	0	-37.3	0	CO
GPC	CHAUTAUQUA SOLAR	1	WALTON	PV	SUN	---	---	---	0	1 / 2022	-37.3	0	-37.3	0	CO
GPC	CRIST	4	ESCAMBIA	ST	BIT	WA	NG	PL	0	1 / 2022	-79	-79	-75	-75	CO
GPC	CRIST	5	ESCAMBIA	ST	BIT	WA	NG	PL	0	1 / 2022	-77	-77	-75	-75	CO
GPC	CRIST	6	ESCAMBIA	ST	BIT	WA	NG	PL	0	1 / 2022	-317	-317	-299	-299	CO
GPC	CRIST	7	ESCAMBIA	ST	BIT	WA	NG	PL	0	1 / 2022	-498	-498	-475	-475	CO
GPC	DANIEL	1	JACKSON MS	ST	BIT	RR	RFO	TK	0	1 / 2022	-255	-255	-251	-251	CO
GPC	DANIEL	2	JACKSON MS	ST	BIT	RR	RFO	TK	0	1 / 2022	-255	-255	-251	-251	CO
GPC	LANSING SMITH	3	BAY	CC	NG	PL	---	---	0	1 / 2022	-674	-658	-660	-646	CO
GPC	LANSING SMITH	A	BAY	GT	DFO	TK	---	---	0	1 / 2022	-32	-40	-32	-40	CO
GPC	PEA RIDGE	1	SANTA ROSA	GT	NG	PL	---	---	0	1 / 2022	-4	-5	-4	-5	CO
GPC	PEA RIDGE	2	SANTA ROSA	GT	NG	PL	---	---	0	1 / 2022	-4	-5	-4	-5	CO
GPC	PEA RIDGE	3	SANTA ROSA	GT	NG	PL	---	---	0	1 / 2022	-4	-5	-4	-5	CO
GPC	SCHERER	3	MONROE GA	ST	BIT	RR	---	---	0	1 / 2022	-225	-225	-215	-215	CO
2022 TOTAL:													-2,461	-2,342	

*Jointly Owned Unit

2020
LOAD AND RESOURCE PLAN
STATE OF FLORIDA
FRCC Form 1.1
PLANNED AND PROSPECTIVE GENERATING FACILITY ADDITIONS AND CHANGES
(JANUARY 1, 2020 THROUGH DECEMBER 31, 2029)

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
UTILITY	PLANT NAME	UNIT NO.	LOCATION	UNIT TYPE	PRIMARY FUEL		ALTERNATE FUEL		ALT. FUEL STORAGE (DAYS BURN)	EFFECTIVE CHANGE DATE MO. / YEAR	GROSS CAPABILITY		NET CAPABILITY		CHANGE/ STATUS
					TYPE	TRANS.	TYPE	TRANS.			SUMMER (MW)	WINTER (MW)	SUMMER (MW)	WINTER (MW)	
<u>2023</u>															
PEC	CHARLES R. LOWMAN	5	WASHINGTON AL	CC	NG	PL	---	---	0	3 / 2023	632	693	632	693	L
2023 TOTAL:												632	693		
<u>2024</u>															
NO ENTRIES															
<u>2025</u>															
NO ENTRIES															
<u>2026</u>															
NO ENTRIES															
<u>2027</u>															
NO ENTRIES															
<u>2028</u>															
NO ENTRIES															

*Jointly Owned Unit

2020
LOAD AND RESOURCE PLAN
STATE OF FLORIDA
FRCC Form 1.1
PLANNED AND PROSPECTIVE GENERATING FACILITY ADDITIONS AND CHANGES
(JANUARY 1, 2020 THROUGH DECEMBER 31, 2029)

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
UTILITY	PLANT NAME	UNIT NO.	LOCATION	UNIT TYPE	PRIMARY FUEL		ALTERNATE FUEL		ALT. FUEL STORAGE (DAYS BURN)	EFFECTIVE CHANGE DATE MO. / YEAR	GROSS CAPABILITY		NET CAPABILITY		CHANGE/ STATUS
					TYPE	TRANS.	TYPE	TRANS.			SUMMER (MW)	WINTER (MW)	SUMMER (MW)	WINTER (MW)	

2029

NO ENTRIES

FRCC FUTURE TOTAL:		9,400	5,004
STATE FUTURE TOTAL:		7,687	3,355

**2020
LOAD AND RESOURCE PLAN
STATE OF FLORIDA**

**FRCC Form 10
SUMMARY OF CAPACITY, DEMAND, AND RESERVE MARGIN
AT TIME OF SUMMER PEAK**

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
YEAR	INSTALLED CAPACITY (MW)	NET CONTRACTED	PROJECTED FIRM	TOTAL AVAILABLE	TOTAL PEAK DEMAND	RESERVE MARGIN W/O EXERCISING		FIRM PEAK DEMAND	RESERVE MARGIN WITH EXERCISING	
		FIRM INTERCHANGE	NET TO GRID FROM NUG	CAPACITY (MW)	(MW)	LOAD MANAGEMENT & INT.		(MW)	LOAD MANAGEMENT & INT.	
		(MW)	(MW)	(MW)	(MW)	(MW)	% OF PEAK	(MW)	(MW)	% OF PEAK
2020	56,511	449	2,549	59,509	51,240	8,269	16%	48,255	11,254	23%
2021	57,172	175	2,219	59,566	51,644	7,922	15%	48,614	10,952	23%
2022	58,702	1,216	2,393	62,312	51,908	10,404	20%	48,845	13,467	28%
2023	60,458	381	2,393	63,232	52,422	10,810	21%	49,323	13,909	28%
2024	61,470	381	2,748	64,599	52,892	11,707	22%	49,757	14,842	30%
2025	62,002	381	2,557	64,940	53,459	11,481	21%	50,277	14,663	29%
2026	62,503	281	2,413	65,198	54,059	11,139	21%	50,830	14,368	28%
2027	62,900	281	2,398	65,579	54,680	10,899	20%	51,401	14,178	28%
2028	63,519	281	2,398	66,197	55,266	10,931	20%	51,941	14,256	27%
2029	64,631	281	2,397	67,309	56,090	11,219	20%	52,717	14,592	28%

**SUMMARY OF CAPACITY, DEMAND, AND RESERVE MARGIN
AT TIME OF WINTER PEAK**

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
YEAR	INSTALLED CAPACITY (MW)	NET CONTRACTED	PROJECTED FIRM	TOTAL AVAILABLE	TOTAL PEAK DEMAND	RESERVE MARGIN W/O EXERCISING		FIRM PEAK DEMAND	RESERVE MARGIN WITH EXERCISING	
		FIRM INTERCHANGE	NET TO GRID FROM NUG	CAPACITY (MW)	(MW)	LOAD MANAGEMENT & INT.		(MW)	LOAD MANAGEMENT & INT.	
		(MW)	(MW)	(MW)	(MW)	(MW)	% OF PEAK	(MW)	(MW)	% OF PEAK
2020 / 21	58,102	474	2,466	61,042	47,562	13,480	28%	44,677	16,365	37%
2021 / 22	57,776	1,244	2,524	61,544	47,856	13,688	29%	44,934	16,610	37%
2022 / 23	59,625	1,294	2,524	63,443	48,327	15,116	31%	45,368	18,075	40%
2023 / 24	60,679	409	2,699	63,788	48,780	15,008	31%	45,784	18,004	39%
2024 / 25	61,320	409	2,546	64,275	49,169	15,106	31%	46,124	18,151	39%
2025 / 26	61,414	409	2,404	64,227	49,815	14,412	29%	46,720	17,507	37%
2026 / 27	61,444	309	2,349	64,102	50,256	13,846	28%	47,112	16,990	36%
2027 / 28	61,560	309	2,349	64,218	50,859	13,359	26%	47,666	16,552	35%
2028 / 29	62,230	309	2,349	64,888	51,429	13,459	26%	48,181	16,707	35%
2029 / 30	62,470	309	2,346	65,125	51,919	13,206	25%	48,622	16,503	34%

NOTE: COLUMN 9: "FIRM PEAK DEMAND" = TOTAL PEAK DEMAND - INTERRUPTIBLE LOAD - LOAD MANAGEMENT.

2020
LOAD AND RESOURCE PLAN
STATE OF FLORIDA

FRCC Form 3.0
EXISTING NON-UTILITY, QF, AND SELF SERVICE GENERATION FACILITIES
AS OF DECEMBER 31, 2019

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)		
UTILITY	FACILITY NAME	UNIT NO.	LOCATION	POTENTIAL EXPORT TO GRID AT TIME OF PEAK				GROSS CAPABILITY		NET CAPABILITY		UNIT TYPE	FUEL TYPE		COMMERCIAL IN-SERVICE MO. / YEAR	CONTRACT STATUS		
				FIRM		UNCOMMITTED		SUM (MW)	WIN (MW)	SUM (MW)	WIN (MW)		SUM (MW)	WIN (MW)			PRI	ALT
				SUM (MW)	WIN (MW)	SUM (MW)	WIN (MW)											
GULF POWER COMPANY																		
	BAY COUNTY RESOURCE RECOVERY	1	BAY	0.0	0.0	11.0	11.0	12.5	12.5	11	11	ST	MSW	---	2 / 1987	NC		
	INTERNATIONAL PAPER COMPANY	1	ESCAMBIA	0.0	0.0	0.0	0.0	28.1	28.1	21.4	21.4	ST	WDS	NG	5 / 1983	NC		
	INTERNATIONAL PAPER COMPANY	2	ESCAMBIA	0.0	0.0	0.0	0.0	28.1	28.1	21.4	21.4	ST	WDS	NG	5 / 1983	NC		
	PENSACOLA CHRISTIAN COLLEGE	1	ESCAMBIA	0.0	0.0	0.0	0.0	1.1	1.1	1.1	1.1	ST	NG	---	4 / 1988	NC		
	PENSACOLA CHRISTIAN COLLEGE	2	ESCAMBIA	0.0	0.0	0.0	0.0	1.1	1.1	1.1	1.1	ST	NG	---	4 / 1988	NC		
	PENSACOLA CHRISTIAN COLLEGE	3	ESCAMBIA	0.0	0.0	0.0	0.0	1.1	1.1	1.1	1.1	ST	NG	---	4 / 1988	NC		
	PENSACOLA CHRISTIAN COLLEGE	4	ESCAMBIA	0.0	0.0	0.0	0.0	1.8	1.8	1.8	1.8	IC	NG	---	6 / 2006	NC		
	PENSACOLA CHRISTIAN COLLEGE	5	ESCAMBIA	0.0	0.0	0.0	0.0	1.8	1.8	1.8	1.8	IC	NG	---	6 / 2006	NC		
	PENSACOLA CHRISTIAN COLLEGE	6	ESCAMBIA	0.0	0.0	0.0	0.0	1.8	1.8	1.8	1.8	IC	NG	---	6 / 2006	NC		
	PENSACOLA CHRISTIAN COLLEGE	7	ESCAMBIA	0.0	0.0	0.0	0.0	1.8	1.8	1.8	1.8	IC	NG	---	6 / 2006	NC		
	PENSACOLA CHRISTIAN COLLEGE	8	ESCAMBIA	0.0	0.0	0.0	0.0	1.8	1.8	1.8	1.8	IC	NG	---	6 / 2006	NC		
	PENSACOLA CHRISTIAN COLLEGE	9	ESCAMBIA	0.0	0.0	0.0	0.0	1.8	1.8	1.8	1.8	IC	NG	---	6 / 2006	NC		
	PENSACOLA CHRISTIAN COLLEGE	10	ESCAMBIA	0.0	0.0	0.0	0.0	1.8	1.8	1.8	1.8	IC	NG	---	6 / 2006	NC		
	PENSACOLA CHRISTIAN COLLEGE	11	ESCAMBIA	0.0	0.0	0.0	0.0	1.8	1.8	1.8	1.8	IC	NG	---	6 / 2006	NC		
	SOLUTIA	1	ESCAMBIA	0.0	0.0	0.0	0.0	5	5	5	5	ST	NG	DFO	1 / 1954	NC		
	SOLUTIA	2	ESCAMBIA	0.0	0.0	0.0	0.0	5	5	5	5	ST	NG	DFO	1 / 1954	NC		
	SOLUTIA	3	ESCAMBIA	0.0	0.0	0.0	0.0	6	6	6	6	ST	NG	DFO	1 / 1954	NC		
	SOLUTIA	4	ESCAMBIA	0.0	0.0	0.0	0.0	86	86	86	86	ST	NG	---	5 / 2005	NC		
	STONE CONTAINER	1	BAY	0.0	0.0	0.0	0.0	4	4	4	4	ST	DFO	NG	1 / 1960	NC		
	STONE CONTAINER	2	BAY	0.0	0.0	0.0	0.0	5	5	5	5	ST	BIT	---	1 / 1960	NC		
	STONE CONTAINER	3	BAY	0.0	0.0	0.0	0.0	8.6	8.6	8.6	8.6	ST	WDS	NG	1 / 1960	NC		
	STONE CONTAINER	4	BAY	0.0	0.0	0.0	0.0	17.1	17.1	17.1	17.1	ST	WDS	NG	1 / 1960	NC		
	GPC TOTAL:			0.0	0.0	11.0	11.0											
	FRCC TOTAL:			1,663	1,739	104	203			(UNCOMMITTED TOTAL EXCLUDES MERCHANT FACILITIES)								
	STATE TOTAL:			1,663	1,739	115	214											

**2020
LOAD AND RESOURCE PLAN
STATE OF FLORIDA**

**FRCC Form 3.1
PLANNED AND PROSPECTIVE NON-UTILITY, QF, AND SELF SERVICE GENERATION FACILITIES
INSTALLATIONS, CHANGES, AND REMOVALS
JANUARY 1, 2020 THROUGH DECEMBER 31, 2029**

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)			
UTIL	FACILITY NAME	UNIT NO.	LOCATION	POTENTIAL EXPORT TO GRID AT TIME OF PEAK				GROSS CAPABILITY		NET CAPABILITY		UNIT TYPE	FUEL TYPE		COMMERCIAL IN-SERVICE/ RETIREMENT/ OR CHANGE IN CONTRACT	CONTRACT STATUS			
				FIRM		UNCOMMITTED		SUM		WIN			SUM				WIN		MO. / YEAR
				SUM (MW)	WIN (MW)	SUM (MW)	WIN (MW)	SUM (MW)	WIN (MW)	SUM (MW)	WIN (MW)		PRI	ALT					
<u>2020</u>																			
	NO ENTRIES																		
<u>2021</u>																			
	NO ENTRIES																		
<u>2022</u>																			
	NO ENTRIES																		
<u>2023</u>																			
	NO ENTRIES																		
<u>2024</u>																			
	NO ENTRIES																		
<u>2025</u>																			
	NO ENTRIES																		
<u>2026</u>																			
	NO ENTRIES																		
<u>2027</u>																			
	NO ENTRIES																		

2020
LOAD AND RESOURCE PLAN
STATE OF FLORIDA

FRCC Form 3.1
PLANNED AND PROSPECTIVE NON-UTILITY, QF, AND SELF SERVICE GENERATION FACILITIES
INSTALLATIONS, CHANGES, AND REMOVALS
JANUARY 1, 2020 THROUGH DECEMBER 31, 2029

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)		
UTIL	FACILITY NAME	UNIT NO.	LOCATION	POTENTIAL EXPORT TO GRID AT TIME OF PEAK				GROSS CAPABILITY		NET CAPABILITY		UNIT TYPE	FUEL TYPE		COMMERCIAL IN-SERVICE/ RETIREMENT/ OR CHANGE IN CONTRACT	CONTRACT STATUS		
				FIRM		UNCOMMITTED		SUM		WIN			SUM				WIN	
				SUM	WIN	SUM	WIN	SUM	WIN	SUM	WIN		PRI	ALT				
				(MW)	(MW)	(MW)	(MW)	(MW)	(MW)	(MW)	(MW)		MO.	YEAR				
<u>2028</u>																		
	NO ENTRIES																	
<u>2029</u>																		
	NO ENTRIES																	

**2020
LOAD AND RESOURCE PLAN
STATE OF FLORIDA**

NON-UTILITY GENERATING FACILITIES SUMMARY

SUMMER			WINTER		
YEAR	FIRM NET TO GRID (MW)	UNCOMMITTED NUG GENERATION (MW)	YEAR	FIRM NET TO GRID (MW)	UNCOMMITTED NUG GENERATION (MW)
2020	1,648.7	114.8	2020/21	1,394.0	213.6
2021	1,318.7	114.8	2021/22	1,423.0	213.6
2022	1,405.7	114.8	2022/23	1,423.0	213.6
2023	1,405.7	114.8	2023/24	1,304.3	194.8
2024	1,466.6	105.8	2024/25	1,151.3	194.8
2025	1,313.6	105.8	2025/26	1,047.3	194.8
2026	1,189.6	105.8	2026/27	1,012.3	188.8
2027	1,174.6	99.8	2027/28	1,012.3	188.8
2028	1,174.6	99.8	2028/29	1,012.3	188.8
2029	1,174.6	99.8	2029/30	1,012.3	188.8

**2020
LOAD AND RESOURCE PLAN
STATE OF FLORIDA
FRCC Form 12
SUMMARY OF FIRM CAPACITY AND ENERGY CONTRACTS
AS OF JANUARY 1, 2020**

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
PURCHASING ENTITY	SELLING ENTITY	CONTRACT TERM		CONTRACT CAPACITY		PRIMARY FUEL	DESCRIPTION
		FROM (MM/DD/YY)	TO (MM/DD/YY)	SUMMER (MW)	WINTER (MW)		
GPC	CORONAL	01/01/20	12/31/20	30	30	SUN	PPA
GPC	CORONAL	01/01/20	12/31/20	40	40	SUN	PPA
GPC	CORONAL	01/01/20	12/01/20	50	50	SUN	PPA
GPC	CORONAL	01/01/21	12/31/21	30	30	SUN	PPA
GPC	CORONAL	01/01/21	12/31/21	40	40	SUN	PPA
GPC	CORONAL	01/01/21	12/31/21	50	50	SUN	PPA
GPC	MSCG	01/01/17	01/01/22	89	109	WND	Purchase from Morgan Stanley Capital Group MSCG
GPC	SENA	06/01/14	01/01/22	885	885	NG	PPA with power marketer (Shell Energy)---FPL CO

**2020
LOAD AND RESOURCE PLAN
STATE OF FLORIDA**

**FRCC Form 9.0
FUEL REQUIREMENTS
AS OF JANUARY 1, 2020**

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
FUEL REQUIREMENTS			UNITS	<u>ACTUAL</u> 2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
(1)	NUCLEAR		TRILLION BTU	313	309	310	318	310	313	318	313	312	319	313
(2)	COAL		1000 TON	14,831	10,566	10,788	8,472	6,849	6,817	7,229	7,397	7,612	7,710	7,897
RESIDUAL														
(3)	STEAM		1000 BBL	1,190	0	13	0	0	0	0	0	0	0	0
(4)	CC		1000 BBL	1,000	0	0	0	0	0	0	0	0	0	0
(5)	CT		1000 BBL	1,000	0	0	0	0	0	0	0	0	0	0
(6)	TOTAL:		1000 BBL	3,190	0	13	0	0	0	0	0	0	0	0
DISTILLATE														
(7)	STEAM		1000 BBL	1,072	56	59	51	39	45	41	45	43	37	41
(8)	CC		1000 BBL	971	5	2	33	3	11	19	2	9	9	5
(9)	CT		1000 BBL	1,080	69	82	55	34	127	96	122	166	248	189
(10)	TOTAL:		1000 BBL	3,123	130	143	139	76	183	156	169	218	294	235
NATURAL GAS														
(11)	STEAM		1000 MCF	114,586	61,746	62,616	47,683	42,209	41,454	36,681	35,258	36,239	34,141	31,927
(12)	CC		1000 MCF	1,132,262	1,138,659	1,110,511	1,137,091	1,172,556	1,181,648	1,172,165	1,166,191	1,155,574	1,146,400	1,144,842
(13)	CT		1000 MCF	33,540	24,901	27,702	18,432	14,364	16,532	16,015	15,658	23,937	25,689	22,179
(14)	TOTAL:		1000 MCF	1,280,388	1,225,306	1,200,829	1,203,206	1,229,129	1,239,634	1,224,861	1,217,107	1,215,750	1,206,230	1,198,948
(15)	OTHER		TRILLION BTU	1,209	7,632	1,997	872	914	923	914	929	930	917	949

**2020
LOAD AND RESOURCE PLAN
STATE OF FLORIDA**

**FRCC Form 9.1
ENERGY SOURCES (GWH)
AS OF JANUARY 1, 2020**

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
				ACTUAL										
ENERGY SOURCES			UNITS	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
(1)	FIRM INTER-REGION INTERCHANGE		GWH	1,979	-1,997	-1,302	3,829	4,337	3,682	3,768	3,709	2,763	2,558	2,617
(2)	NUCLEAR		GWH	28,838	29,430	29,563	30,252	29,569	29,810	30,277	29,841	29,769	30,360	29,826
(3)	COAL		GWH	28,599	25,545	25,666	19,423	15,286	15,383	16,043	16,025	16,375	17,134	17,524
RESIDUAL														
(4)		STEAM	GWH	226	0	9	0	0	0	0	0	0	0	0
(5)		CC	GWH	0	0	0	0	0	0	0	0	0	0	0
(6)		CT	GWH	0	0	0	0	0	0	0	0	0	0	0
(7)		TOTAL:	GWH	226	0	9	0	0	0	0	0	0	0	0
DISTILLATE														
(8)		STEAM	GWH	38	26	30	24	16	19	23	20	23	27	29
(9)		CC	GWH	204	4	2	26	2	8	15	1	7	7	4
(10)		CT	GWH	49	27	31	24	12	48	40	47	62	96	70
(11)		TOTAL:	GWH	291	57	63	74	30	75	78	68	92	130	103
NATURAL GAS														
(12)		STEAM	GWH	9,907	6,603	7,186	4,279	3,785	3,668	3,202	3,080	3,171	2,943	2,744
(13)		CC	GWH	163,783	173,963	169,932	167,151	174,550	175,733	174,189	173,274	171,941	170,424	169,883
(14)		CT	GWH	7,036	2,393	2,637	1,793	1,404	1,584	1,529	1,485	2,251	2,355	2,078
(15)		TOTAL:	GWH	180,726	182,959	179,755	173,223	179,739	180,985	178,920	177,839	177,363	175,722	174,705
(16)	NUG		GWH	1,803	1,994	1,999	2,003	2,003	822	497	2	2	2	2
RENEWABLES														
(17)		BIOFUELS	GWH	28	23	23	23	23	23	23	23	23	23	23
(18)		BIOMASS	GWH	628	175	224	175	188	199	208	213	219	217	227
(19)		HYDRO	GWH	10	5	5	5	5	5	5	5	5	5	5
(20)		LANDFILL GAS	GWH	257	322	424	431	442	423	439	451	335	331	336
(21)		MSW	GWH	670	946	941	956	956	956	949	949	949	952	949
(22)		SOLAR	GWH	3,861	6,442	8,026	10,944	13,211	15,858	17,993	21,361	24,395	27,485	30,430
(23)		WIND	GWH	1,031	1,033	1,031	0	0	0	0	0	0	0	0
(24)		OTHER RENEW.	GWH	0	1,041	3,130	3,407	3,397	3,396	3,377	3,367	3,357	3,355	3,336
(25)		TOTAL	GWH	6,485	9,987	13,804	15,941	18,222	20,860	22,994	26,369	29,283	32,368	35,306
(26)	OTHER			17,734	17,766	17,785	24,017	21,640	21,304	22,335	23,176	23,378	23,149	23,498
(27)	NET ENERGY FOR LOAD			266,681	265,741	267,342	268,762	270,826	272,921	274,912	277,029	279,025	281,423	283,581

**2020
LOAD AND RESOURCE PLAN
STATE OF FLORIDA**

**FRCC Form 9.2
ENERGY SOURCES (%)
AS OF JANUARY 1, 2020**

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
			UNITS	ACTUAL										
ENERGY SOURCES				2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
(1)	FIRM INTER-REGION INTERCHANGE		%	0.74%	-0.75%	-0.49%	1.42%	1.60%	1.35%	1.37%	1.34%	0.99%	0.91%	0.92%
(2)	NUCLEAR		%	10.81%	11.07%	11.06%	11.26%	10.92%	10.92%	11.01%	10.77%	10.67%	10.79%	10.52%
(3)	COAL		%	10.72%	9.61%	9.60%	7.23%	5.64%	5.64%	5.84%	5.78%	5.87%	6.09%	6.18%
RESIDUAL														
(4)	STEAM		%	0.08%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
(5)	CC		%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
(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)	TOTAL:		%	0.08%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
DISTILLATE														
(8)	STEAM		%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%
(9)	CC		%	0.08%	0.00%	0.00%	0.01%	0.00%	0.00%	0.01%	0.00%	0.00%	0.00%	0.00%
(10)	CT		%	0.02%	0.01%	0.01%	0.01%	0.00%	0.02%	0.01%	0.02%	0.02%	0.03%	0.02%
(11)	TOTAL:		%	0.11%	0.02%	0.02%	0.03%	0.01%	0.03%	0.03%	0.02%	0.03%	0.05%	0.04%
NATURAL GAS														
(12)	STEAM		%	3.71%	2.48%	2.69%	1.59%	1.40%	1.34%	1.16%	1.11%	1.14%	1.05%	0.97%
(13)	CC		%	61.42%	65.46%	63.56%	62.19%	64.45%	64.39%	63.36%	62.55%	61.62%	60.56%	59.91%
(14)	CT		%	2.64%	0.90%	0.99%	0.67%	0.52%	0.58%	0.56%	0.54%	0.81%	0.84%	0.73%
(15)	TOTAL:		%	67.77%	68.85%	67.24%	64.45%	66.37%	66.31%	65.08%	64.20%	63.57%	62.44%	61.61%
(16)	NUG		%	0.68%	0.75%	0.75%	0.75%	0.74%	0.30%	0.18%	0.00%	0.00%	0.00%	0.00%
RENEWABLES														
(17)	BIOFUELS		%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%
(18)	BIOMASS		%	0.24%	0.07%	0.08%	0.07%	0.07%	0.07%	0.08%	0.08%	0.08%	0.08%	0.08%
(19)	HYDRO		%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
(20)	LANDFILL GAS		%	0.10%	0.12%	0.16%	0.16%	0.16%	0.15%	0.16%	0.16%	0.12%	0.12%	0.12%
(21)	MSW		%	0.25%	0.36%	0.35%	0.36%	0.35%	0.35%	0.35%	0.34%	0.34%	0.34%	0.33%
(22)	SOLAR		%	1.45%	2.42%	3.00%	4.07%	4.88%	5.81%	6.55%	7.71%	8.74%	9.77%	10.73%
(23)	WIND		%	0.39%	0.39%	0.39%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
(24)	OTHER RENEW.		%	0.00%	0.39%	1.17%	1.27%	1.25%	1.24%	1.23%	1.22%	1.20%	1.19%	1.18%
(25)	TOTAL:		%	2.43%	3.76%	5.16%	5.93%	6.73%	7.64%	8.36%	9.52%	10.49%	11.50%	12.45%
(26)	OTHER		%	6.65%	6.69%	6.65%	8.94%	7.99%	7.81%	8.12%	8.37%	8.38%	8.23%	8.29%
(27)	NET ENERGY FOR LOAD		%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%

**2020
LOAD AND RESOURCE PLAN
STATE OF FLORIDA**

**FRCC Form 13
SUMMARY AND SPECIFICATIONS OF PROPOSED TRANSMISSION LINES
AS OF JANUARY 1, 2020**

(1)	(2)		(3)	(4)	(5)	(6)	(7)
LINE OWNERSHIP	TERMINALS		LINE LENGTH CKT. MILES	COMMERCIAL IN-SERVICE (MO./YR)	NOMINAL VOLTAGE (kV)	CAPACITY (MVA)	SITED UNDER *
PEC	GASKIN	BAYOU GEORGE	4.2	12 / 2019	115	217	NA
GPC	ARGYLE	SANTA ROSA	35	12 / 2021	115	500	NA
GPC	SINAI	RAVEN	176	12 / 2021	161	895	NA
PEC	SOUTHPORT	BAYOU GEORGE	7.3	6 / 2023	115	217	NA

* TLSA: Transmission Line Siting Act

* PPSA: Power Plant Siting Act

** Line Upgrade / Voltage Change

**2020
LOAD AND RESOURCE PLAN
FLORIDA RELIABILITY COORDINATING COUNCIL
EXISTING MERCHANT GENERATION FACILITIES
IN FLORIDA
AS OF DECEMBER 31, 2019**

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	
FACILITY NAME	UNIT NO.	LOCATION (COUNTY)	UNIT TYPE	FUEL TYPE		COMMERCIAL IN-SERVICE MO. / YEAR	RETIREMENT MO. / YEAR	GROSS CAPABILITY		NET CAPABILITY		POTENTIAL EXPORT TO GRID AT TIME OF PEAK				OWNERSHIP	UNIT STATUS	CONTRACT STATUS	
								SUM (MW)	WIN (MW)	SUM (MW)	WIN (MW)	FIRM		UNCOMMITTED					
												SUM (MW)	WIN (MW)	SUM (MW)	WIN (MW)				
<u>GENERAL ELECTRIC (GE)</u>																			
SHADY HILLS POWER CO.	1 GT	PASCO	GT	NG	DFO	2 / 2002	--- / ----	180.2	(1)	---	156.0	172.0	156.0	172.0	---	---	MER	OP	C (2)
SHADY HILLS POWER CO.	2 GT	PASCO	GT	NG	DFO	2 / 2002	--- / ----	180.2	(1)	---	156.0	172.0	156.0	172.0	---	---	MER	OP	C (2)
SHADY HILLS POWER CO.	3 GT	PASCO	GT	NG	DFO	2 / 2002	--- / ----	180.2	(1)	---	156.0	172.0	156.0	172.0	---	---	MER	OP	C (2)
<u>SANTA ROSA ENERGY CENTER, LLC (SREC)</u>																			
SANTA ROSA ENERGY CENTER	CT01	SANTA ROSA	CT	NG	---	6 / 2003	--- / ----	165.7	(1)	177.7	161.4	173.4	---	---	161.0	173.0	MER	OP	NC
SANTA ROSA ENERGY CENTER	ST01	SANTA ROSA	CA	WH	---	6 / 2003	--- / ----	74.5	(1)	74.5	74.5	74.5	---	---	75.0	75.0	MER	OP	NC
<u>NORTHERN STAR GENERATING SERVICES (NSG)</u>																			
VANDOLAH POWER CO.	1	HARDEE	GT	NG	DFO	6 / 2002	6 / 2042	162.7		172.6	160.7	170.6	160.7	170.6	---	---	MER	OP	C
VANDOLAH POWER CO.	2	HARDEE	GT	NG	DFO	6 / 2002	6 / 2042	162.7		172.6	160.7	170.6	160.7	170.6	---	---	MER	OP	C
VANDOLAH POWER CO.	3	HARDEE	GT	NG	DFO	6 / 2002	6 / 2042	162.7		172.6	160.7	170.6	160.7	170.6	---	---	MER	OP	C
VANDOLAH POWER CO.	4	HARDEE	GT	NG	DFO	6 / 2002	6 / 2042	162.7		172.6	160.7	170.6	160.7	170.6	---	---	MER	OP	C
<u>NRG ENERGY, INC (NRG)</u>																			
OSCEOLA	1	OSCEOLA	GT	NG	DFO	12 / 2001	--- / ----	155.0		167.0	150.0	163.0	---	---	150.0	163.0	IPP/MER	IPP	NC (3)
OSCEOLA	2	OSCEOLA	GT	NG	DFO	12 / 2001	--- / ----	155.0		167.0	150.0	163.0	---	---	150.0	163.0	IPP/MER	IPP	NC (3)
OSCEOLA	3	OSCEOLA	GT	NG	DFO	3 / 2002	--- / ----	155.0		167.0	150.0	163.0	---	---	150.0	163.0	IPP/MER	IPP	NC (3)
<u>NEXTERA ENERGY RESOURCES (NEER)</u>																			
OLEANDER POWER PROJECT	1	BREVARD	GT	NG	DFO	6 / 2005	--- / ----	156.5		168	155.5	167.0	0.0	0.0	155.5	167.0	MER	OP	NC
OLEANDER POWER PROJECT	2	BREVARD	GT	NG	DFO	6 / 2005	--- / ----	157.1		168.6	156.10	167.6	156.1	167.6	0.0	0.0	MER	OP	C
OLEANDER POWER PROJECT	3	BREVARD	GT	NG	DFO	6 / 2005	--- / ----	157.7		169.2	156.7	168.2	156.7	168.2	0.0	0.0	MER	OP	C
OLEANDER POWER PROJECT	4	BREVARD	GT	NG	DFO	6 / 2005	--- / ----	157.2		168.6	156.2	167.6	156.2	167.6	0.0	0.0	MER	OP	C
OLEANDER POWER PROJECT	5	BREVARD	GT	NG	DFO	12 / 2007	--- / ----	160.4		173.2	159.4	172.2	159.4	172.2	0.0	0.0	MER	OP	C
STANTON ENERGY CENTER	A	ORANGE	CT	NG	DFO	10 / 2003	--- / ----	425.5		447.9	416.5	438.9	416.5	438.9	0.0	0.0	MER	OP	C (4)
TOTALS:										2,997	3,217	2,156	2,313	842	904				

(1) This is the generator nameplate rating.

(2) All capacities based on Duke Toll contract ambient conditions.

(3) Currently in mothballed status, but no mothball status code exists, the closest status is "SB": Cold Standby, deactivated, in long-term storage and cannot be made available for service in a short period of time.

MERCHANT GENERATION IN FLORIDA

MERCHANT GENERATION IN FLORIDA

FRCC has included information on merchant generation facilities for the following companies:

1. General Electric (GE)
2. Santa Rosa Energy Center, LLC (SREC)
3. Northern Star Generating Services (NSG)
4. NRG Energy, Inc. (NRG)
5. NextEra Energy Resources (NEER)

CODES USED IN FORMS FOR MERCHANT GENERATING FACILITIES

Status of Generation Facilities

A	--	Generating unit capability increased (rerated or relicensed)
D	--	Generating unit capability decreased (rerated or relicensed)
IR	--	The state in which a unit is unavailable for service but can be brought back into service after some repairs in a relatively short duration of time
M	--	Generating unit put in deactivated shutdown status
NS	--	Merchant plant – No system impact study, not under construction
OP	--	In commercial operation
OT	--	Other
RA	--	Previously deactivated or retired generator planned for reactivation
RP	--	Proposed for repowering or life extension
SB	--	Cold Standby; deactivated, in long-term storage and cannot be made available for service in a short period of time
SI	--	Merchant plant – System impact study completed, not under construction
TS	--	Construction complete, but not yet in commercial operation
U	--	Under construction, less than or equal to 50% complete
V	--	Under construction, more than 50% complete

Ownership

IPP	--	Independent Power Producer
MER	--	Merchant Generator

Contracts

C	--	Contract in Place
CC	--	Contract Change
D	--	Decrease in Contract Amount
I	--	Increase in Contract Amount
NC	--	No Contract
R	--	Retirement

Types of Generation Units

CA	--	Combined Cycle Steam Part
CC	--	Combined Cycle Total Unit
CE	--	Compressed Air Energy Storage
CS	--	Combined Cycle Single Shaft
CT	--	Combined Cycle Combustion Turbine Part
FC	--	Fuel Cell
GT	--	Gas Turbine (includes Jet Engine Design)
HY	--	Hydraulic Turbine
IC	--	Internal Combustion Engine
NA	--	Not Available
OT	--	Other
PV	--	Photovoltaic
ST	--	Steam Turbine, including nuclear, and solar steam
WT	--	Wind Turbine

Types of Fuel

AB	--	Agriculture Byproducts, Bagasse, Straw, Energy Crops
BIT	--	Bituminous Coal
DFO	--	Distillate Fuel Oil (Diesel, No 1 Fuel Oil, No 2 Fuel Oil, No 4 Fuel Oil)
LFG	--	Landfill Gas
LIG	--	Lignite
MSW	--	Municipal Solid Waste
NA	--	Not Available or Not Applicable
NG	--	Natural Gas
NUC	--	Nuclear
OBG	--	Other Biomass Gases
OBL	--	Other Biomass Liquids
OBS	--	Other Biomass Solids
OG	--	Other Gas
OTH	--	Other
PC	--	Petroleum Coke
RFO	--	Residual Fuel Oil (No 5 Fuel Oil, No 6 Fuel Oil)
SUB	--	Subbituminous Coal
SUN	--	Solar (Photovoltaic, Thermal)
WAT	--	Water
WDS	--	Wood/Wood Waste Solids
WDL	--	Wood/Wood Waste Liquids
WH	--	Waste Heat / Combined Cycle Steam Part
WND	--	Wind

2020
LOAD AND RESOURCE PLAN
FLORIDA RELIABILITY COORDINATING COUNCIL
PLANNED AND PROSPECTIVE MERCHANT GENERATION FACILITIES
IN FLORIDA
JANUARY 1, 2020 THROUGH DECEMBER 31, 2029

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
UTIL	FACILITY NAME	UNIT NO.	LOCATION (COUNTY)	UNIT TYPE	FUEL TYPE		EFFECTIVE CHANGE DATE MO. / YEAR	GROSS CAPABILITY		NET CAPABILITY		POTENTIAL EXPORT TO GRID AT TIME OF PEAK				OWNERSHIP	UNIT STATUS	CONTRACT STATUS
								SUM (MW)	WIN (MW)	SUM (MW)	WIN (MW)	FIRM		UNCOMMITTED				
					PRI	ALT	MO.	YEAR	SUM (MW)	WIN (MW)	SUM (MW)	WIN (MW)	SUM (MW)	WIN (MW)	SUM (MW)			

GENERAL ELECTRIC (GE)

SHADY HILLS POWER CO.	4CC	PASCO	CC	NG	DFO	6 / 2021	---	---	500.0	520.0	---	---	500.0	520.0	MER	NS	NC
-----------------------	-----	-------	----	----	-----	----------	-----	-----	-------	-------	-----	-----	-------	-------	-----	----	----

SANTA ROSA ENERGY CENTER, LLC (SREC)

No Activity Reported

NORTHERN STAR GENERATING SERVICES (NSG)

No Activity Reported

NRG ENERGY, INC (NRG)

No Activity Reported

NEXTERA ENERGY RESOURCES (NEER)

No Activity Reported

2020
LOAD AND RESOURCE PLAN
FLORIDA RELIABILITY COORDINATING COUNCIL
PLANNED AND PROSPECTIVE MERCHANT GENERATION FACILITIES
IN FLORIDA
JANUARY 1, 2020 THROUGH DECEMBER 31, 2029
ORDERED BY IN-SERVICE DATE

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	
UTIL	FACILITY NAME	UNIT NO.	LOCATION	UNIT TYPE	FUEL TYPE		EFFECTIVE CHANGE DATE MO. / YEAR	GROSS CAPABILITY		NET CAPABILITY		POTENTIAL EXPORT TO GRID AT TIME OF PEAK				OWNERSHIP	UNIT STATUS	CONTRACT STATUS	
					PRI	ALT		SUM	WIN	SUM	WIN	FIRM		UNCOMMITTED					
					(MW)	(MW)	(MW)	(MW)	(MW)	(MW)	SUM	WIN	SUM	WIN					
<u>2018</u>																			
No Activity Reported																			
<u>2019</u>																			
No Activity Reported																			
<u>2020</u>																			
No Activity Reported																			
<u>2021</u>																			
GE	SHADY HILLS POWER CO.	4CC	PASCO	CC	NG	DFO	6 / 2021	---	---	500.0	520.0	---	---	500.0	520.0	MER	NS	NC	
<u>2022</u>																			
No Activity Reported																			
<u>2023</u>																			
No Activity Reported																			
<u>2024</u>																			
No Activity Reported																			
<u>2025</u>																			
No Activity Reported																			
<u>2026</u>																			
No Activity Reported																			
<u>2027</u>																			
No Activity Reported																			
2020 - 2029 TOTALS:										500.0	520.0	0.0	0.0	500.0	520.0				

**2020
LOAD AND RESOURCE PLAN
FLORIDA RELIABILITY COORDINATING COUNCIL
SUMMARY OF MERCHANT FIRM CAPACITY AND ENERGY CONTRACTS
As of January 1, 2020**

(1)	(2)	(3)	(4)	(5)	(6)	(7)
PURCHASING ENTITY	SELLING ENTITY	CONTRACT TERM		NET CAPABILITY		DESCRIPTION
		FROM (MM/DD/YY)	TO (MM/DD/YY)	SUMMER (MW)	WINTER (MW)	
DEF	GE	04/01/07	04/30/24	468	516	Toll to DEF for 100% of output (Capability based on contract ambient conditions)
DEF	VANDOLAH	06/01/12	05/31/27	643	683	Contract does not call for Vandolah to provide a specific MW output, but instead calls for the performance of an annual capacity test to determine the MW output for that year. Data provided is based on the contract results for June 2019 (Summer) and December 2019 (Winter).
FMPA	NEXTERA	10/01/03	09/30/23	83	88	SPC Ownership contracted to FMPA (Stanton A)
FMPA	Oleander Power Project LP	12/16/07	12/15/22	159	172	Oleander Unit 5
OUC	NEXTERA	10/01/03	09/30/23	333	351	SPC Ownership contracted to OUC (Stanton A)
SEC	Oleander Power Project LP	01/01/10	05/31/21	156	168	Oleander Unit 2
SEC	Oleander Power Project LP	01/01/10	05/31/21	157	168	Oleander Unit 3
SEC	Oleander Power Project LP	01/01/10	05/31/21	156	168	Oleander Unit 4

**2020
LOAD AND RESOURCE PLAN
FLORIDA RELIABILITY COORDINATING COUNCIL
SUMMARY OF MERCHANT GENERATING FACILITIES
IN THE FRCC REGION**

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
SUMMER				WINTER			
YEAR	FIRM NET TO GRID (MW)	UNCOMMITTED (MW)	NET CAPABILITY (MW)	YEAR	FIRM NET TO GRID (MW)	UNCOMMITTED (MW)	NET CAPABILITY (MW)
2019	2,155.7	841.5	2,997.2	2019/20	2,312.9	904.0	3,216.9
2020	2,155.7	1,341.5	3,497.2	2020/21	1,808.9	1,408.0	3,216.9
2021	1,686.7	2,310.5	3,997.2	2021/22	1,636.9	2,100.0	3,736.9
2022	1,686.7	2,310.5	3,997.2	2022/23	1,197.9	2,539.0	3,736.9
2023	1,527.7	2,469.5	3,997.2	2023/24	681.9	3,055.0	3,736.9
2024	643.7	3,353.5	3,997.2	2024/25	681.9	3,055.0	3,736.9
2025	643.7	3,353.5	3,997.2	2025/26	681.9	3,055.0	3,736.9
2026	643.7	3,353.5	3,997.2	2026/27	681.9	3,055.0	3,736.9
2027	643.7	3,353.5	3,997.2	2027/28	681.9	3,055.0	3,736.9
2028	643.7	3,353.5	3,997.2	2028/29	681.9	3,055.0	3,736.9

NOTES: Only columns (4) and (8) are cumulative on a seasonal basis.
Columns (2), (3), (6), and (7) represent the seasonal capabilities available as they have been modified by contract terms.

Review and Modification History

Review and Modification Log			
Date	Version Number	Description of Review or Modification	Sections Affected
06/19/2020	1	This is a new document	All
07/07/2020	2	Modified document Form 10. Aggregation formula error.	Form 10