

Docket No. 20200002-EG					
Comprehensive Exhibit List for Entry into Hearing Record					
November 3, 2020					
Hearing I.D. #	Witness	I.D. # As Filed	Exhibit Description	Issue Nos.	Entered
STAFF					
1		Exhibit List	Comprehensive Exhibit List		
FLORIDA POWER & LIGHT COMPANY – DIRECT					
2	Renae B. Deaton	AS-1	Schedules CT-1 and CT-4	1-3, 5-7, 10	
3	Renae B. Deaton Anita Sharma	AS-1 (3)	Schedules CT-2 and CT-3	1-7	
4	Anita Sharma	AS-1 (4)	Schedules CT-5 and CT-6, Appendix A	4	
5	Renae B. Deaton	AS-2	Schedule C-1 and C-4	1-3, 5-7, 10	
6	Renae B. Deaton Anita Sharma	AS-2 (6)	Schedule C-2 and C-3	1-7	
7	Anita Sharma	AS-2 (7)	Schedule C-5	4	
GULF POWER COMPANY – DIRECT					
8	John N. Floyd ¹	JNF-1	Schedules CT-1 through CT-6	1	
9	John N. Floyd	JNF-2	Schedules C-1 through C-6	2, 3, 4, 5	
DUKE ENERGY FLORIDA, LLC – DIRECT					
10	Lori J. Cross	LJC-1T	ECCR Adjusted Net True-Up for January-December 2019, Schedules CT1 – CT6	1-7, 10	

¹ Testimony and Exhibit JNF-1 of John N. Floyd includes errata filed on August 6, 2020.

11	Lori J. Cross	LJC-1P	Estimated/Actual True-UP, January – December 2020 and ECCR Factors for Billings in January – December 2021, Schedules C1 – C6	1-7, 10	
FLORIDA PUBLIC UTILITIES COMPANY – DIRECT					
12	Curtis D. Young	CDY-1	Schedules CT-1, CT-2, CT-3, CT-4, CT-5 and CT-6	1, 10	
13	G. Scott Ranck	GSR-1	Schedules C-1, C-2, C-3, C-4, and C-5	2-7	
TAMPA ELECTRIC COMPANY – DIRECT					
14	Mark R. Roche	MRR-1	Schedules supporting cost recovery factor, actual January 2019 – December 2019	1-10	
15	Mark R. Roche	MRR-2	Reporting and final update of refund “Final Tax Savings Credit”	1-10	
16	Mark R. Roche	MRR-3	Schedules supporting conservation costs projected for the period January 2021 – December 2021	1-10	
STAFF HEARING EXHIBITS					
17	Sharma (1-8)		FPL’s Response to Staff’s First Set of Interrogatories Nos. 1-8 (No. 1 has an attachment) <i>[Bates Nos. 00001-00004]</i>	1-9	
18	Sharma (9-12)		FPL’s Response to Staff’s Second Set of Interrogatories Nos. 9-12 <i>[Bates Nos. 00005-00009]</i>	1-9	
19	Sharma (13)		FPL’s Response to Staff’s Third Set of Interrogatories No.13 <i>[Bates Nos. 00010-00011]</i>	1-9	

20	Floyd (1-9)		GPC's Response to Staff's First Set of Interrogatories Nos. 1-9 <i>[Bates Nos. 00012-00025]</i>	1-9	
21	Floyd (10-14)		GPC's Response to Staff's Second Set of Interrogatories Nos. 10-14 <i>[Bates Nos. 00026-00031]</i>	1-9	
22	Floyd (15)		GPC's Response to Staff's Third Set of Interrogatories No. 15 <i>[Bates Nos. 00032-00033]</i>	1-9	
23	Cross (1-8)		DEF's Response to Staff's First Set of Interrogatories Nos. 1-8 (No. 1 has attachments) <i>[Bates Nos. 00034-00043]</i>	1-7	
24	Cross (9-11)		DEF's Response to Staff's Second Set of Interrogatories Nos. 9-11 <i>[Bates Nos. 00044-00047]</i>	1-7	
25	Ranck (1-6)		FPUC's Response to Staff's First Set of Interrogatories Nos. 1-6 <i>[Bates Nos. 00048-00055]</i>	1-9	
26	Ranck (7-9)		FPUC's Response to Staff's Second Set of Interrogatories Nos. 7-9 <i>[Bates Nos. 00056-00059]</i>	1-9	
27	Ranck (10)		FPUC's Response to Staff's Third Set of Interrogatories No. 10 <i>[Bates Nos. 00060-00061]</i>	1-9	
28	Roche (1-8)		TECO's Response to Staff's First Set of Interrogatories Nos. 1-8 <i>[Bates Nos. 00062-00080]</i>	1-9	

29	Roche (9-12)		TECO's Response to Staff's Second Set of Interrogatories Nos. 9-12 <i>[Bates Nos. 00081-00086]</i>	1-9	
30	Roche (13, 14)		TECO's Response to Staff's Third Set of Interrogatories Nos. 13-14 <i>[Bates Nos. 00087-00091]</i>	1-9	
31	Roche (1)		TECO's Response to Staff's First Production of Documents No. 1 <i>[Bates Nos. 00092-00098]</i>	1-9	

Table of Contents

<u>Schedule</u>	<u>Sponsored By</u>
CT-1, Page 2	Renae B. Deaton
CT-2, Page 3, Lines 1 -9	Anita Sharma
CT-2, Page 3, Lines 10-18	Renae B. Deaton
CT-2, Pages 4 - 7	Anita Sharma
CT-3, Page 8	Anita Sharma
CT-3, Pages 9 - 10	Renae B. Deaton
CT-4, Pages 11 - 18	Renae B. Deaton
CT-5, Page 19	Anita Sharma
CT-6, Pages 20 - 25	Anita Sharma
Appendix A	Anita Sharma

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20200002-EG EXHIBIT: 2
PARTY: AS-1
DESCRIPTION: Schedules CT-1 and CT-4

FLORIDA POWER LIGHT COMPANY
 ENERGY CONSERVATION COST RECOVERY
 FINAL TRUE-UP FOR THE PERIOD

SCHEDULE CT-1

JANUARY 2019 THROUGH DECEMBER 2019

	Total
1. Actual End of Period True-Up (CT-3, Page 9, Lines 6 & 7)	
2. Principal	\$9,529,755
3. Interest	\$441,212
Total Actual End of Period True-Up	<u>\$9,970,966</u>
4. Less Actual/Estimated True-Up	
5. Principal	\$7,484,332
6. Interest	\$449,868
Total Actual/Estimated True-Up ⁽¹⁾	<u>\$7,934,200</u>
7. Final Net True-Up	<u><u>\$2,036,766</u></u>

⁽¹⁾ Approved per Order No. PSC-2019-0504-FOF-EG Issued November 25, 2019.

Note: () Reflects Underrecovery
 Totals may not add due to rounding.

FLORIDA POWER LIGHT COMPANY
ENERGY CONSERVATION COST RECOVERY
SCHEDULE OF CAPITAL INVESTMENT, DEPRECIATION RETURN

SCHEDULE CT-4

JANUARY 2019 THROUGH DECEMBER 2019

BUSINESS ENERGY EVALUATION	Beginning of Period Amount	January Actual	February Actual	March Actual	April Actual	May Actual	June Actual	July Actual	August Actual	September Actual	October Actual	November Actual	December Actual	Twelve Month Amount
1. Additions/Expenditures		\$28,166	\$74,692	\$73,790	\$80,206	\$86,081	\$83,542	\$80,371	\$75,704	\$37,816	\$36,399	\$55,331	(\$3,005,723)	(\$2,293,624)
2. Investment (Net of Retirements)														
3. Depreciation Base														
4. Depreciation Expense														N/A
5. Cumulative Investment (Line 3)														N/A
6. Less: Accumulated Depreciation														N/A
7. CWIP Balance Eligible for Return	\$2,157,958	\$2,186,124	\$2,260,817	\$2,334,607	\$2,414,813	\$2,500,894	\$2,584,436	\$2,664,807	\$2,740,511	\$2,778,327	\$2,814,726	\$2,870,057	(\$135,666)	
8. Net Investment	\$2,157,958	\$2,186,124	\$2,260,817	\$2,334,607	\$2,414,813	\$2,500,894	\$2,584,436	\$2,664,807	\$2,740,511	\$2,778,327	\$2,814,726	\$2,870,057	(\$135,666)	
9. Average Net Investment	\$2,172,041	\$2,223,471	\$2,297,712	\$2,374,710	\$2,457,853	\$2,542,665	\$2,624,621	\$2,702,659	\$2,759,419	\$2,796,526	\$2,842,391	\$2,870,057	\$1,367,196	
10. Return on Average Net Investment														
a. Equity Component	\$8,535	\$8,738	\$9,029	\$9,332	\$9,659	\$9,992	\$10,981	\$11,307	\$11,545	\$11,700	\$11,892	\$11,892	\$5,720	\$118,430
b. Equity Component grossed up for taxes (Line 10a / 0.75478)	\$11,309	\$11,576	\$11,963	\$12,364	\$12,797	\$13,238	\$14,548	\$14,981	\$15,296	\$15,501	\$15,756	\$15,756	\$7,578	\$156,906
c. Debt Component Component	\$2,407	\$2,464	\$2,546	\$2,631	\$2,724	\$2,818	\$2,954	\$3,042	\$3,106	\$3,148	\$3,199	\$3,199	\$1,539	\$32,578
11. Total Return Requirements (Line 10b + 10c)	\$13,715	\$14,040	\$14,509	\$14,995	\$15,520	\$16,056	\$17,503	\$18,023	\$18,402	\$18,649	\$18,955	\$18,955	\$9,117	\$189,484
12. Total Depreciation & Return (Line 4 + 11)	\$13,715	\$14,040	\$14,509	\$14,995	\$15,520	\$16,056	\$17,503	\$18,023	\$18,402	\$18,649	\$18,955	\$18,955	\$9,117	\$189,484

⁽¹⁾ Depreciation expense is based on the "Cradle-to-Grave" method of accounting.

⁽²⁾ The monthly Equity Component for the Jan - Jun. 2019 period is 4.7156% based on the May 2018 Earnings Surveillance Report and reflects a 10.55% return on equity, and monthly Equity Component for the Jul-Dec. 2019 is 5.0206% based on the May 2019 Surveillance Report reflects a 10.55% return on equity.

⁽³⁾ The Debt Component for the Jan. - Jun. 2019 period is 1.3297% based on the May 2018 Earnings Surveillance Report and Debt Component for the Jul.-Dec. 2019 period is 1.3507% based on the May 2019 Earning Surveillance Report.

FLORIDA POWER LIGHT COMPANY
ENERGY CONSERVATION COST RECOVERY
SCHEDULE OF CAPITAL INVESTMENT, DEPRECIATION RETURN

SCHEDULE CT-4

JANUARY 2019 THROUGH DECEMBER 2019

BUSINESS ON CALL	Beginning of Period Amount	January Actual	February Actual	March Actual	April Actual	May Actual	June Actual	July Actual	August Actual	September Actual	October Actual	November Actual	December Actual	Twelve Month Amount
1. Additions/Expenditures		(\$1,888)	\$7,598	\$4,002	(\$15,033)	\$1,183	\$1,715	(\$4,114)	\$9,701	(\$4,212)	\$13,419	(\$5,968)	(\$7,493)	(\$1,091)
2. Investment (Net of Retirements)		\$580	(\$4,315)	(\$190)	\$27,308	\$4,370	(\$94,565)	\$9,367	(\$36,330)	(\$79,774)	(\$1,416)	\$28,381	\$17,335	(\$129,249)
3. Depreciation Base ⁽¹⁾		<u>\$1,978,396</u>	<u>\$1,974,080</u>	<u>\$1,973,890</u>	<u>\$2,001,198</u>	<u>\$2,005,568</u>	<u>\$1,911,003</u>	<u>\$1,920,371</u>	<u>\$1,884,041</u>	<u>\$1,804,267</u>	<u>\$1,802,851</u>	<u>\$1,831,232</u>	<u>\$1,848,567</u>	N/A
4. Depreciation Expense		<u>\$28,225</u>	<u>\$28,194</u>	<u>\$28,157</u>	<u>\$28,383</u>	<u>\$28,647</u>	<u>\$27,895</u>	<u>\$27,185</u>	<u>\$26,960</u>	<u>\$25,993</u>	<u>\$25,316</u>	<u>\$25,541</u>	<u>\$25,922</u>	<u>\$326,420</u>
5. Cumulative Investment (Line 3)		\$1,977,816	\$1,978,396	\$1,974,080	\$1,973,890	\$2,001,198	\$2,005,568	\$1,911,003	\$1,920,371	\$1,884,041	\$1,804,267	\$1,802,851	\$1,831,232	\$1,848,567
6. Less: Accumulated Depreciation		<u>\$991,935</u>	<u>\$1,015,500</u>	<u>\$1,040,107</u>	<u>\$1,062,742</u>	<u>\$1,087,237</u>	<u>\$1,114,648</u>	<u>\$995,861</u>	<u>\$1,023,046</u>	<u>\$1,012,212</u>	<u>\$918,219</u>	<u>\$939,107</u>	<u>\$959,421</u>	<u>\$984,254</u>
7. CWIP Balance Eligible for Return		\$61,212	\$59,324	\$66,922	\$70,924	\$55,891	\$57,074	\$58,789	\$54,675	\$64,375	\$60,163	\$73,582	\$67,614	\$60,121
8. Net Investment		<u>\$1,047,092</u>	<u>\$1,022,219</u>	<u>\$1,000,894</u>	<u>\$982,072</u>	<u>\$969,852</u>	<u>\$947,994</u>	<u>\$973,931</u>	<u>\$951,999</u>	<u>\$936,204</u>	<u>\$946,211</u>	<u>\$937,326</u>	<u>\$939,426</u>	<u>\$924,434</u>
9. Average Net Investment		\$1,034,656	\$1,011,557	\$991,483	\$975,962	\$958,923	\$960,963	\$962,965	\$944,101	\$941,208	\$941,769	\$938,376	\$931,930	
10. Return on Average Net Investment														
a. Equity Component		\$4,066	\$3,975	\$3,896	\$3,835	\$3,768	\$3,776	\$4,029	\$3,950	\$3,938	\$3,940	\$3,926	\$3,899	\$46,999
b. Equity Component grossed up for taxes (Line 10a / 0.75478) ⁽²⁾		\$5,387	\$5,267	\$5,162	\$5,081	\$4,993	\$5,003	\$5,338	\$5,233	\$5,217	\$5,220	\$5,201	\$5,166	\$62,268
c. Debt Component Component ⁽³⁾		\$1,147	\$1,121	\$1,099	\$1,081	\$1,063	\$1,065	\$1,084	\$1,063	\$1,059	\$1,060	\$1,056	\$1,049	\$12,946
11. Total Return Requirements (Line 10b + 10c)		<u>\$6,533</u>	<u>\$6,387</u>	<u>\$6,261</u>	<u>\$6,163</u>	<u>\$6,055</u>	<u>\$6,068</u>	<u>\$6,422</u>	<u>\$6,296</u>	<u>\$6,277</u>	<u>\$6,280</u>	<u>\$6,258</u>	<u>\$6,215</u>	<u>\$75,214</u>
12. Total Depreciation & Return (Line 4 + 11)		<u>\$34,759</u>	<u>\$34,582</u>	<u>\$34,418</u>	<u>\$34,546</u>	<u>\$34,702</u>	<u>\$33,963</u>	<u>\$33,607</u>	<u>\$33,256</u>	<u>\$32,270</u>	<u>\$31,597</u>	<u>\$31,799</u>	<u>\$32,137</u>	<u>\$401,634</u>

⁽¹⁾ Depreciation expense is based on the "Cradle-to-Grave" method of accounting.

⁽²⁾ The monthly Equity Component for the Jan - Jun. 2019 period is 4.7156% based on the May 2018 Earnings Surveillance Report and reflects a 10.55% return on equity, and monthly Equity Component for the Jul-Dec. 2019 is 5.0206% based on the May 2019 Surveillance Report reflects a 10.55 % return on equity.

⁽³⁾ The Debt Component for the Jan. - Jun. 2019 period is 1.3297% based on the May 2018 Earnings Surveillance Report and Debt Component for the Jul.-Dec. 2019 period is 1.3507% based on the May 2018 Earning Surveillance Report.

FLORIDA POWER LIGHT COMPANY
ENERGY CONSERVATION COST RECOVERY
SCHEDULE OF CAPITAL INVESTMENT, DEPRECIATION RETURN

SCHEDULE CT-4

JANUARY 2019 THROUGH DECEMBER 2019

COMMON EXPENSES	Beginning of Period Amount	January Actual	February Actual	March Actual	April Actual	May Actual	June Actual	July Actual	August Actual	September Actual	October Actual	November Actual	December Actual	Twelve Month Amount
1. Additions/Expenditures														
2. Investment (Net of Retirements)		\$1,102			\$2,218,856	\$11,270	(\$2,230,126)						\$3,067,266	\$3,068,368
3. Depreciation Base		\$3,639,636	\$3,639,636	\$3,639,636	\$5,858,492	\$5,869,762	\$3,639,636	\$3,639,636	\$3,639,636	\$3,639,636	\$3,639,636	\$3,639,636	\$6,706,902	
4. Depreciation Expense ⁽¹⁾		\$60,661	\$60,661	\$60,661	\$79,151	\$97,754	\$60,661	\$60,661	\$60,661	\$60,661	\$60,661	\$60,661	\$86,221	\$809,063
5. Cumulative Investment (Line 3)	\$3,638,534	\$3,639,636	\$3,639,636	\$3,639,636	\$5,858,492	\$5,869,762	\$3,639,636	\$3,639,636	\$3,639,636	\$3,639,636	\$3,639,636	\$3,639,636	\$6,706,902	
6. Less: Accumulated Depreciation	\$1,699,439	\$1,760,091	\$1,820,752	\$1,881,413	\$1,960,564	\$2,058,318	\$2,063,412	\$2,124,073	\$2,184,733	\$2,245,394	\$2,306,055	\$2,366,715	\$2,452,936	
7. CWIP Balance Eligible for Return														
8. Net Investment	\$1,939,095	\$1,879,545	\$1,818,884	\$1,758,223	\$3,897,928	\$3,811,444	\$1,576,224	\$1,515,563	\$1,454,903	\$1,394,242	\$1,333,582	\$1,272,921	\$4,253,966	
9. Average Net Investment	\$1,909,320	\$1,849,215	\$1,788,554	\$2,828,076	\$3,854,686	\$2,693,834	\$1,545,894	\$1,485,233	\$1,424,572	\$1,363,912	\$1,303,251	\$2,763,443		N/A
10. Return on Average Net Investment														
a. Equity Component		\$7,503	\$7,267	\$7,028	\$11,113	\$15,148	\$10,586	\$6,468	\$6,214	\$5,960	\$5,706	\$5,453	\$11,562	\$100,008
b. Equity Component grossed up for taxes (Line 10a / 0.75478) ⁽²⁾		\$9,941	\$9,628	\$9,312	\$14,724	\$20,069	\$14,025	\$8,569	\$8,233	\$7,896	\$7,560	\$7,224	\$15,318	\$132,499
c. Debt Component ⁽³⁾		\$2,116	\$2,049	\$1,982	\$3,134	\$4,271	\$2,985	\$1,740	\$1,672	\$1,603	\$1,535	\$1,467	\$3,111	\$27,665
11. Total Return Requirements (Line 10b + 10c)		\$12,056	\$11,677	\$11,294	\$17,858	\$24,340	\$17,010	\$10,309	\$9,905	\$9,500	\$9,095	\$8,691	\$18,428	\$160,164
12. Total Depreciation & Return (Line 4 + 11)		\$72,708	\$72,338	\$71,955	\$97,009	\$122,094	\$77,671	\$70,970	\$70,565	\$70,161	\$69,756	\$69,352	\$104,650	\$969,227

⁽¹⁾ Depreciation expense is based on the "Cradle-to-Grave" method of accounting.

⁽²⁾ The monthly Equity Component for the Jan - Jun. 2019 period is 4.7156% based on the May 2018 Earnings Surveillance Report and reflects a 10.55% return on equity, and monthly Equity Component for the Jul-Dec. 2019 is 5.0206% based on the May 2019 Surveillance Report reflects a 10.55 % return on equity.

⁽³⁾ The Debt Component for the Jan. - Jun. 2019 period is 1.3297% based on the May 2018 Earnings Surveillance Report and Debt Component for the Jul.-Dec. 2019 period is 1.3507% based on the May 2019 Earning Surveillance Report.

FLORIDA POWER LIGHT COMPANY
ENERGY CONSERVATION COST RECOVERY
SCHEDULE OF CAPITAL INVESTMENT, DEPRECIATION RETURN

SCHEDULE CT-4

JANUARY 2019 THROUGH DECEMBER 2019

RESIDENTIAL HOME ENERGY SURVEY	Beginning of Period Amount	January Actual	February Actual	March Actual	April Actual	May Actual	June Actual	July Actual	August Actual	September Actual	October Actual	November Actual	December Actual	Twelve Month Amount
1. Additions/Expenditures		\$3,988	\$99,162	\$105,656	(\$2,154,979)									(\$1,946,174)
2. Investment (Net of Retirements)							\$2,230,532						\$1,434	\$2,231,965
3. Depreciation Base ⁽¹⁾							\$2,230,532	\$2,230,532	\$2,230,532	\$2,230,532	\$2,230,532	\$2,230,532	\$2,231,965	N/A
4. Depreciation Expense							\$37,175	\$37,176	\$37,176	\$37,176	\$37,176	\$37,176	\$37,189	\$260,242
5. Cumulative Investment (Line 3)							\$2,230,532	\$2,230,532	\$2,230,532	\$2,230,532	\$2,230,532	\$2,230,532	\$2,231,965	N/A
6. Less: Accumulated Depreciation							\$92,742	\$129,917	\$167,093	\$204,268	\$241,444	\$278,619	\$315,808	N/A
7. CWIP Balance Eligible for Return	\$1,946,174	\$1,950,161	\$2,049,323	\$2,154,979										
8. Net Investment	\$1,946,174	\$1,950,161	\$2,049,323	\$2,154,979			\$2,137,790	\$2,100,615	\$2,063,439	\$2,026,263	\$1,989,088	\$1,951,912	\$1,916,157	
9. Average Net Investment		\$1,948,167	\$1,999,742	\$2,102,151	\$1,077,489		\$1,068,895	\$2,119,202	\$2,082,027	\$2,044,851	\$2,007,676	\$1,970,500		N/A
10. Return on Average Net Investment														
a. Equity Component		\$7,656	\$7,858	\$8,261	\$4,234		\$4,200	\$8,866	\$8,711	\$8,555	\$8,400	\$8,244	\$8,092	\$83,077
b. Equity Component grossed up for taxes (Line 10a / 0.75478) ⁽²⁾		\$10,143	\$10,411	\$10,945	\$5,610		\$5,565	\$11,747	\$11,541	\$11,335	\$11,129	\$10,923	\$10,720	\$110,068
c. Debt Component Component ⁽³⁾		\$2,159	\$2,216	\$2,329	\$1,194		\$1,184	\$2,385	\$2,344	\$2,302	\$2,260	\$2,218	\$2,177	\$22,768
11. Total Return Requirements (Line 10b + 10c)		\$12,302	\$12,627	\$13,274	\$6,804		\$6,750	\$14,132	\$13,884	\$13,636	\$13,389	\$13,141	\$12,897	\$132,836
12. Total Depreciation & Return (Line 4 + 11)		\$12,302	\$12,627	\$13,274	\$6,804		\$43,925	\$51,308	\$51,060	\$50,812	\$50,564	\$50,316	\$50,087	\$393,078

⁽¹⁾ Depreciation expense is based on the "Cradle-to-Grave" method of accounting.

⁽²⁾ The monthly Equity Component for the Jan - Jun. 2019 period is 4.7156% based on the May 2018 Earnings Surveillance Report and reflects a 10.55% return on equity, and monthly Equity Component for the Jul-Dec. 2019 is 5.0206% based on the May 2019 Surveillance Report reflects a 10.55 % return on equity.

⁽³⁾ The Debt Component for the Jan. - Jun. 2019 period is 1.3297% based on the May 2018 Earnings Surveillance Report and Debt Component for the Jul.-Dec. 2019 period is 1.3507% based on the May 2019 Earning Surveillance Report.

FLORIDA POWER LIGHT COMPANY
ENERGY CONSERVATION COST RECOVERY
SCHEDULE OF CAPITAL INVESTMENT, DEPRECIATION RETURN

SCHEDULE CT-4

JANUARY 2019 THROUGH DECEMBER 2019

RESIDENTIAL LOAD MANAGEMENT ("ON CALL")	Beginning of Period Amount	January Actual	February Actual	March Actual	April Actual	May Actual	June Actual	July Actual	August Actual	September Actual	October Actual	November Actual	December Actual	Twelve Month Amount
1. Additions/Expenditures		(\$41,025)	\$165,081	\$86,961	(\$326,631)	\$25,707	\$37,259	(\$89,391)	\$210,766	(\$91,513)	\$291,553	(\$129,663)	(\$162,813)	(\$23,708)
2. Investment (Net of Retirements)		\$12,598	(\$93,764)	(\$4,124)	\$593,323	\$94,958	(\$2,054,646)	\$203,530	(\$789,352)	(\$1,733,263)	(\$30,756)	\$616,640	\$376,635	(\$2,808,220)
3. Depreciation Base ⁽¹⁾		<u>\$36,517,498</u>	<u>\$36,423,734</u>	<u>\$36,419,610</u>	<u>\$37,012,933</u>	<u>\$37,107,891</u>	<u>\$35,053,246</u>	<u>\$35,256,775</u>	<u>\$34,467,424</u>	<u>\$32,734,160</u>	<u>\$32,703,404</u>	<u>\$33,320,044</u>	<u>\$33,696,680</u>	N/A
4. Depreciation Expense		<u>\$613,263</u>	<u>\$612,587</u>	<u>\$611,771</u>	<u>\$616,681</u>	<u>\$622,416</u>	<u>\$606,086</u>	<u>\$590,660</u>	<u>\$585,778</u>	<u>\$564,756</u>	<u>\$550,056</u>	<u>\$554,938</u>	<u>\$563,216</u>	<u>\$7,092,207</u>
5. Cumulative Investment (Line 3)		\$36,504,900	\$36,517,498	\$36,423,734	\$36,419,610	\$37,012,933	\$37,107,891	\$35,053,246	\$35,256,775	\$34,467,424	\$32,734,160	\$32,703,404	\$33,320,044	\$33,696,680
6. Less: Accumulated Depreciation		<u>\$18,573,771</u>	<u>\$19,085,770</u>	<u>\$19,620,410</u>	<u>\$20,112,213</u>	<u>\$20,644,416</u>	<u>\$21,239,987</u>	<u>\$18,659,060</u>	<u>\$19,249,720</u>	<u>\$19,014,321</u>	<u>\$16,972,108</u>	<u>\$17,425,961</u>	<u>\$17,867,322</u>	<u>\$18,406,876</u>
7. CWIP Balance Eligible for Return		\$1,236,010	\$1,194,985	\$1,360,066	\$1,447,027	\$1,120,396	\$1,146,103	\$1,183,361	\$1,093,971	\$1,304,737	\$1,213,225	\$1,504,778	\$1,375,115	\$1,212,302
8. Net Investment		<u>\$19,167,139</u>	<u>\$18,626,712</u>	<u>\$18,163,390</u>	<u>\$17,754,424</u>	<u>\$17,014,007</u>	<u>\$17,577,547</u>	<u>\$17,101,026</u>	<u>\$16,757,839</u>	<u>\$16,975,277</u>	<u>\$16,782,221</u>	<u>\$16,827,837</u>	<u>\$16,502,106</u>	
9. Average Net Investment		\$18,896,926	\$18,395,051	\$17,958,907	\$17,621,669	\$17,251,460	\$17,295,777	\$17,339,287	\$16,929,433	\$16,866,558	\$16,878,749	\$16,805,029	\$16,664,972	N/A
10. Return on Average Net Investment														
a. Equity Component		\$74,259	\$72,287	\$70,573	\$69,248	\$67,793	\$67,967	\$72,544	\$70,829	\$70,566	\$70,617	\$70,309	\$69,723	\$846,716
b. Equity Component grossed up for taxes (Line 10a / 0.75478) ⁽²⁾		<u>\$98,385</u>	<u>\$95,772</u>	<u>\$93,501</u>	<u>\$91,746</u>	<u>\$89,818</u>	<u>\$90,049</u>	<u>\$96,113</u>	<u>\$93,841</u>	<u>\$93,492</u>	<u>\$93,560</u>	<u>\$93,151</u>	<u>\$92,375</u>	<u>\$1,121,803</u>
c. Debt Component Component ⁽³⁾		<u>\$20,940</u>	<u>\$20,384</u>	<u>\$19,900</u>	<u>\$19,527</u>	<u>\$19,116</u>	<u>\$19,165</u>	<u>\$19,517</u>	<u>\$19,056</u>	<u>\$18,985</u>	<u>\$18,999</u>	<u>\$18,916</u>	<u>\$18,758</u>	<u>\$233,262</u>
11. Total Return Requirements (Line 10b + 10c)		<u>\$119,325</u>	<u>\$116,156</u>	<u>\$113,402</u>	<u>\$111,272</u>	<u>\$108,934</u>	<u>\$109,214</u>	<u>\$115,630</u>	<u>\$112,897</u>	<u>\$112,477</u>	<u>\$112,559</u>	<u>\$112,067</u>	<u>\$111,133</u>	<u>\$1,355,065</u>
12. Total Depreciation & Return (Line 4 + 11)		<u>\$732,588</u>	<u>\$728,742</u>	<u>\$725,172</u>	<u>\$727,953</u>	<u>\$731,351</u>	<u>\$715,300</u>	<u>\$706,290</u>	<u>\$698,675</u>	<u>\$677,233</u>	<u>\$662,615</u>	<u>\$667,005</u>	<u>\$674,349</u>	<u>\$8,447,272</u>

⁽¹⁾ Depreciation expense is based on the "Cradle-to-Grave" method of accounting.

⁽²⁾ The monthly Equity Component for the Jan - Jun. 2019 period is 4.7156% based on the May 2018 Earnings Surveillance Report and reflects a 10.55% return on equity, and monthly Equity Component for the Jul-Dec. 2019 is 5.0206% based on the May 2019 Surveillance Report reflects a 10.55 % return on equity.

⁽³⁾ The Debt Component for the Jan. - Jun. 2019 period is 1.3297% based on the May 2018 Earnings Surveillance Report and Debt Component for the Jul.-Dec. 2019 period is 1.3507% based on the May 2019 Earning Surveillance Report.

FLORIDA POWER LIGHT COMPANY
ENERGY CONSERVATION COST RECOVERY
SCHEDULE OF CAPITAL INVESTMENT, DEPRECIATION RETURN

SCHEDULE CT-4

JANUARY 2019 THROUGH DECEMBER 2019

SOLAR PV FOR SCHOOLS	Beginning of Period Amount	January Actual	February Actual	March Actual	April Actual	May Actual	June Actual	July Actual	August Actual	September Actual	October Actual	November Actual	December Actual	Twelve Month Amount
1. Additions/Expenditures														
2. Investment (Net of Retirements)		(\$432,214)		(\$365,145)	(\$510,497)	(\$841,635)	(\$98,908)				(\$1,531,163)	(\$902,735)		(\$4,682,296)
3. Depreciation Base ⁽¹⁾		<u>\$7,198,956</u>	<u>\$7,198,956</u>	<u>\$6,833,811</u>	<u>\$6,323,314</u>	<u>\$5,481,680</u>	<u>\$5,382,772</u>	<u>\$5,382,772</u>	<u>\$5,382,772</u>	<u>\$5,382,772</u>	<u>\$3,851,609</u>	<u>\$2,948,874</u>	<u>\$2,948,874</u>	N/A
4. Depreciation Expense		<u>\$123,584</u>	<u>\$119,983</u>	<u>\$116,940</u>	<u>\$109,643</u>	<u>\$98,375</u>	<u>\$90,537</u>	<u>\$89,713</u>	<u>\$89,713</u>	<u>\$89,713</u>	<u>\$76,953</u>	<u>\$56,671</u>	<u>\$49,148</u>	<u>\$1,110,972</u>
5. Cumulative Investment (Line 3)		\$7,631,170	\$7,198,956	\$7,198,956	\$6,833,811	\$6,323,314	\$5,481,680	\$5,382,772	\$5,382,772	\$5,382,772	\$3,851,609	\$2,948,874	\$2,948,874	N/A
6. Less: Accumulated Depreciation		<u>\$6,278,388</u>	<u>\$5,969,759</u>	<u>\$6,089,742</u>	<u>\$5,841,536</u>	<u>\$5,440,682</u>	<u>\$4,697,423</u>	<u>\$4,689,052</u>	<u>\$4,778,765</u>	<u>\$4,868,478</u>	<u>\$4,958,190</u>	<u>\$3,503,981</u>	<u>\$2,657,917</u>	<u>\$2,707,065</u>
7. CWIP Balance Eligible for Return														
8. Net Investment		<u>\$1,352,781</u>	<u>\$1,229,197</u>	<u>\$1,109,214</u>	<u>\$992,274</u>	<u>\$882,632</u>	<u>\$784,257</u>	<u>\$693,720</u>	<u>\$604,007</u>	<u>\$514,294</u>	<u>\$424,581</u>	<u>\$347,628</u>	<u>\$290,957</u>	<u>\$241,809</u>
9. Average Net Investment		\$1,290,989	\$1,169,205	\$1,050,744	\$937,453	\$833,444	\$738,988	\$648,863	\$559,150	\$469,437	\$386,104	\$319,293	\$266,383	N/A
10. Return on Average Net Investment														
a. Equity Component		\$5,073	\$4,595	\$4,129	\$3,684	\$3,275	\$2,904	\$2,715	\$2,339	\$1,964	\$1,615	\$1,336	\$1,114	\$34,744
b. Equity Component grossed up for taxes (Line 10a / 0.75478) ⁽²⁾		\$6,721	\$6,087	\$5,471	\$4,881	\$4,339	\$3,847	\$3,597	\$3,099	\$2,602	\$2,140	\$1,770	\$1,477	\$46,032
c. Debt Component Component		\$1,431	\$1,296	\$1,164	\$1,039	\$924	\$819	\$730	\$629	\$528	\$435	\$359	\$300	\$9,654
11. Total Return Requirements (Line 10b + 10c)		<u>\$8,152</u>	<u>\$7,383</u>	<u>\$6,635</u>	<u>\$5,920</u>	<u>\$5,263</u>	<u>\$4,666</u>	<u>\$4,327</u>	<u>\$3,729</u>	<u>\$3,131</u>	<u>\$2,575</u>	<u>\$2,129</u>	<u>\$1,776</u>	<u>\$55,685</u>
12. Total Depreciation & Return (Line 4 + 11)		\$131,736	\$127,366	\$123,575	\$115,562	\$103,638	\$95,203	\$94,040	\$93,442	\$92,843	\$79,528	\$58,800	\$50,924	\$1,166,657

⁽¹⁾ Depreciation expense is based on the "Cradle-to-Grave" method of accounting.

⁽²⁾ The monthly Equity Component for the Jan - Jun. 2019 period is 4.7156% based on the May 2018 Earnings Surveillance Report and reflects a 10.55% return on equity, and monthly Equity Component for the Jul-Dec. 2019 is 5.0206% based on the May 2019 Surveillance Report reflects a 10.55 % return on equity.

⁽³⁾ The Debt Component for the Jan. - Jun. 2019 period is 1.3297% based on the May 2018 Earnings Surveillance Report and Debt Component for the Jul.-Dec. 2019 period is 1.3507% based on the May 2019 Earning Surveillance Report.

FLORIDA POWER LIGHT COMPANY
ENERGY CONSERVATION COST RECOVERY
ANALYSIS OF PROGRAM COSTS

SCHEDULE CT-2

JANUARY 2019 THROUGH DECEMBER 2019

	ACTUAL V. ACTUAL/ESTIMATE FOR THE PERIOD	Actual	Actual/Estimated ⁽¹⁾	Difference
1	Depreciation & Return	\$11,567,353	\$11,687,358	(\$120,005)
2	Payroll & Benefits	\$15,535,883	\$16,293,206	(\$757,323)
3	Materials & Supplies	\$267,323	\$316,495	(\$49,172)
4	Outside Services	\$6,801,342	\$6,968,286	(\$166,944)
5	Advertising	\$8,036,842	\$8,012,876	\$23,966
6	Rebates	\$115,916,650	\$116,583,611	(\$666,961)
7	Vehicles	\$477,188	\$486,692	(\$9,504)
8	Other	\$3,136,317	\$2,534,484	\$601,833
9	Total Adjusted Program Costs	<u>\$161,738,898</u>	<u>\$162,883,007</u>	<u>(\$1,144,109)</u>
10	ECCR Revenues (Net of Revenue Taxes)	\$157,580,454	\$156,679,141	\$901,313
11	Prior Period True-Up (Collected)/Refunded this Period	<u>\$13,688,198</u>	<u>\$13,688,198</u>	<u>\$0</u>
12	Revenues Applicable to the Period (Line 10 + Line 11)	<u>\$171,268,652</u>	<u>\$170,367,340</u>	<u>\$901,313</u>
13	True-Up Provision (Under)/Over Recovery - Current Period (Line 12- Line 9)	\$9,529,755	\$7,484,332	\$2,045,423
14	Interest Provision (Under)/Over Recovery - Current Period	\$441,212	\$449,868	(\$8,656)
15	True-Up and Interest Provision (Under)/Over Recovery - Beginning of Period	\$13,688,198	\$13,688,198	\$0
16	Deferred True-Up from Prior Period	\$5,635,677	\$5,635,677	\$0
17	Prior Period True-Up (Collected)/Refunded this Period	<u>(\$13,688,198)</u>	<u>(\$13,688,198)</u>	<u>\$0</u>
18	End of Period True-Up Amount (Under)/Over Recovery	<u><u>\$15,606,643</u></u>	<u><u>\$13,569,877</u></u>	<u><u>\$2,036,766</u></u>

⁽¹⁾ Approved in order No. PSC-2019-0504-FOF-EG issued November 25, 2019

21

22 Totals may not add due to rounding.

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20200002-EG EXHIBIT: 3
PARTY: AS-1 (3)
DESCRIPTION: Schedules CT-2 and CT-3

FLORIDA POWER LIGHT COMPANY
ENERGY CONSERVATION COST RECOVERY
CONSERVATION PROGRAM COSTS BY CATEGORY

SCHEDULE CT-2

JANUARY 2019 THROUGH DECEMBER 2019

Line No.	CONSERVATION PROGRAMS	Depreciation & Return	Payroll & Benefits	Materials & Supplies	Outside Services	Advertising	Rebates	Vehicles	Other	TOTAL PROGRAM EXPENSES
1	RESIDENTIAL HOME ENERGY SURVEY	\$393,078	\$3,664,696	\$13,828	\$1,569,738	\$6,571,706	\$0	\$297,393	\$914,962	\$13,425,401
2	RESIDENTIAL CEILING INSULATION	\$0	\$90,200	\$78	\$610	\$0	\$666,780	\$0	\$12,405	\$770,073
3	RESIDENTIAL LOAD MANAGEMENT ("ON CALL")	\$8,447,272	\$1,048,066	\$235,106	\$2,963,329	\$25,000	\$32,165,432	\$41,909	\$601,175	\$45,527,290
4	RESIDENTIAL AIR CONDITIONING	\$0	\$340,899	\$82	\$17,477	\$9,000	\$3,011,700	\$3,750	\$13,004	\$3,395,911
5	RESIDENTIAL NEW CONSTRUCTION (BUILDSMART®)	\$0	\$411,648	\$237	\$63,725	\$0	\$13,250	\$0	\$30,660	\$519,520
6	RESIDENTIAL LOW-INCOME WEATHERIZATION	\$0	\$259,618	\$2,074	\$6,854	\$0	\$126,178	\$15,800	\$64,635	\$475,159
7	BUSINESS ON CALL	\$401,634	\$12,844	\$0	\$12,387	\$0	\$2,988,184	\$0	\$19,831	\$3,434,880
8	COGENERATION & SMALL POWER PRODUCTION	\$0	\$413,313	\$0	\$74	\$0	\$0	\$0	(\$259,989)	\$153,398
9	BUSINESS EFFICIENT LIGHTING	\$0	\$136,437	\$0	\$0	\$0	\$327,493	\$0	\$6,252	\$470,182
10	COMMERCIAL/INDUSTRIAL LOAD CONTROL	\$0	\$216,759	\$3,366	\$7,524	\$0	\$43,679,580	\$838	\$22,873	\$43,930,939
11	COMMERCIAL/INDUSTRIAL DEMAND REDUCTION	\$0	\$286,581	\$61	\$20	\$0	\$26,359,694	\$17	\$36,892	\$26,683,265
12	BUSINESS ENERGY EVALUATION	\$189,484	\$3,936,272	\$3,094	\$1,150,789	\$1,431,136	\$0	\$96,504	\$820,830	\$7,628,109
13	BUSINESS HEATING, VENTILATING & A/C	\$0	\$401,213	\$0	\$0	\$0	\$6,578,360	\$0	\$19,358	\$6,998,931
14	BUSINESS CUSTOM INCENTIVE	\$0	\$27,940	\$0	\$0	\$0	\$0	\$0	\$1,928	\$29,868
15	CONSERVATION RESEARCH & DEVELOPMENT	\$0	\$2,220	\$0	\$20,989	\$0	\$0	\$0	\$1,588	\$24,797
16	SOLAR PV FOR SCHOOLS	\$1,166,657	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,166,657
17	COMMON EXPENSES	\$969,227	\$4,287,177	\$9,399	\$987,825	\$0	\$0	\$20,979	\$829,912	\$7,104,519
18	TOTAL	11,567,353	15,535,883	267,323	6,801,342	8,036,842	115,916,650	477,190	3,136,316	161,738,898

Totals may not add due to rounding.

FLORIDA POWER LIGHT COMPANY
ENERGY CONSERVATION COST RECOVERY
CONSERVATION PROGRAM COSTS/VARIANCE BY PROJECT

SCHEDULE CT-2

JANUARY 2019 THROUGH DECEMBER 2019

Line No.	CONSERVATION PROGRAMS	Depreciation & Return	Payroll & Benefits	Materials & Supplies	Outside Services	Advertising	Rebates	Vehicles	Other	Total
1	RESIDENTIAL HOME ENERGY SURVEY	(\$1,216)	(\$34,584)	\$3,619	\$425,524	(\$217,471)	\$0	(\$6,474)	(\$34,654)	\$134,745
2	RESIDENTIAL CEILING INSULATION	\$0	\$737	\$77	\$247	\$0	(\$2,272)	\$0	\$3,308	\$2,097
3	RESIDENTIAL LOAD MANAGEMENT ("ON CALL")	(\$123,913)	(\$418,347)	\$19,686	(\$602,019)	\$25,000	(\$19,124)	(\$5,873)	\$755,230	(\$369,360)
4	RESIDENTIAL AIR CONDITIONING	\$0	\$13,031	\$67	\$3,449	\$9,000	(\$95,108)	\$0	(\$31,000)	(\$100,561)
5	RESIDENTIAL NEW CONSTRUCTION (BUILDSMART®)	\$0	(\$3,838)	\$236	(\$4,277)	\$0	(\$2,920)	\$0	(\$12,566)	(\$23,364)
6	RESIDENTIAL LOW-INCOME WEATHERIZATION	\$0	\$50,332	(\$195)	(\$12,367)	\$0	\$8,409	\$0	\$36,040	\$82,219
7	BUSINESS ON CALL	(\$12,908)	(\$18,405)	\$0	(\$9,065)	\$0	\$368,543	\$0	\$32,427	\$360,593
8	COGENERATION & SMALL POWER PRODUCTION	\$0	\$81,011	\$0	\$997	\$0	\$0	\$0	(\$42,143)	\$39,865
9	BUSINESS EFFICIENT LIGHTING	\$0	\$615	\$0	\$0	\$0	(\$132,901)	\$0	(\$366)	(\$132,652)
10	COMMERCIAL/INDUSTRIAL LOAD CONTROL	\$0	\$7,356	(\$308)	(\$392)	\$0	\$2,106,734	\$838	(\$676)	\$2,113,552
11	COMMERCIAL/INDUSTRIAL DEMAND REDUCTION	\$0	\$1,611	(\$78)	(\$892)	\$0	\$39,157	\$1	(\$311)	\$39,488
12	BUSINESS ENERGY EVALUATION	(\$133,286)	(\$324,991)	(\$78,124)	\$163,486	\$207,437	\$0	\$8,700	(\$72,018)	(\$228,795)
13	BUSINESS HEATING, VENTILATING & A/C	\$0	\$869	\$0	\$0	\$0	(\$2,888,447)	\$0	(\$11,453)	(\$2,899,031)
14	BUSINESS CUSTOM INCENTIVE	\$0	(\$139)	\$0	\$0	\$0	(\$49,032)	\$0	\$560	(\$48,611)
15	CONSERVATION RESEARCH & DEVELOPMENT	\$0	\$2,220	\$0	(\$29,011)	\$0	\$0	\$0	\$1,588	(\$25,203)
16	SOLAR PV FOR SCHOOLS	\$116,981	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$116,981
17	COMMON EXPENSES	\$34,336	(\$114,802)	\$5,848	(\$102,624)	\$0	\$0	(\$6,696)	(\$22,134)	(\$206,071)
18	TOTAL	(\$120,005)	(\$757,323)	(\$49,172)	(\$166,944)	\$23,966	(\$666,961)	(\$9,504)	\$601,833	(\$1,144,109)

Totals may not add due to rounding.

SCHEDULE CT-2

Energy Conservation Cost Recovery (ECCR) Account Numbers
 For the Period: January through December 2019

Program	Account
Residential Home Energy Survey	408172
	907100
	908110
	909101
	910100
	925112
Residential Ceiling Insulation	926211
	408172
	908110
	925112
Residential Load Management ("On Call")	926211
	408172
	587200
	592800
	598140
	907100
	908110
925112	
Residential Air Conditioning	926211
	408172
	907100
	908110
Residential New Construction (BuildSmart [®])	925112
	926211
	408172
	908110
Residential Low Income	925112
	926211
	408172
	907100
Business On Call	908110
	910100
	925112
	926211
	408172

SCHEDULE CT-2

Energy Conservation Cost Recovery (ECCR) Account Numbers
 For the Period: January through December 2019

Program	Account
Cogeneration & Small Power Production	408172
	908110
	925112
	926211
Business Lighting	408172
	908110
	925112
	926211
Commercial/Industrial Load Control	408172
	908110
	910100
	925112
C/I Demand Reduction	408172
	908110
	910100
	925112
Business Energy Evaluation	408172
	907100
	908110
	909101
Business HVAC	408172
	908110
	925112
	926211
Business Custom Incentive	408172
	908110
	925112
	926211
Conservation Research & Development	408172
	908110
	925112
Common Expenses	926211
	408172
	907100
	910100
	925112
Business Energy Evaluation	926211
	908110
	909101
	910100

FLORIDA POWER LIGHT COMPANY
ENERGY CONSERVATION COST RECOVERY
CONSERVATION PROGRAM COSTS

SCHEDULE CT-3

JANUARY 2019 THROUGH DECEMBER 2019

Line No.	CONSERVATION PROGRAMS	January Actual	February Actual	March Actual	April Actual	May Actual	June Actual	July Actual	August Actual	September Actual	October Actual	November Actual	December Actual	Twelve Month Amount
1	RESIDENTIAL HOME ENERGY SURVEY	\$267,599	\$326,633	\$452,025	\$472,752	\$442,579	\$600,372	\$1,393,412	\$2,727,562	\$1,737,151	\$1,442,050	\$720,473	\$2,842,792	\$13,425,401
2	RESIDENTIAL CEILING INSULATION	\$37,815	\$23,450	\$72,029	\$39,686	\$79,113	\$69,423	\$74,778	\$103,441	\$80,187	\$87,966	\$45,345	\$56,842	\$770,074
3	RESIDENTIAL LOAD MANAGEMENT ("ON CALL")	\$3,043,262	\$3,241,307	\$3,234,983	\$4,443,504	\$4,411,347	\$4,118,972	\$4,364,902	\$4,393,985	\$4,056,222	\$4,498,975	\$2,808,267	\$2,911,565	\$45,527,290
4	RESIDENTIAL AIR CONDITIONING	\$209,015	\$179,517	\$293,362	\$334,202	\$300,518	\$354,810	\$434,388	\$343,192	\$288,886	\$289,430	\$238,703	\$129,888	\$3,395,910
5	RESIDENTIAL NEW CONSTRUCTION (BUILDSMART®)	\$51,919	\$35,754	\$46,239	\$40,239	\$50,020	\$42,982	\$49,227	\$46,513	\$38,235	\$42,115	\$38,776	\$37,502	\$519,520
6	RESIDENTIAL LOW-INCOME WEATHERIZATION	\$16,886	\$69,073	\$42,869	\$60,953	\$72,681	\$51,524	\$33,585	\$25,462	\$20,712	\$37,179	\$26,593	\$17,641	\$475,159
7	BUSINESS ON CALL	\$39,147	\$39,957	\$40,086	\$467,240	\$470,183	\$467,441	\$465,611	\$465,110	\$461,051	\$444,917	\$37,281	\$36,856	\$3,434,880
8	COGENERATION & SMALL POWER PRODUCTION	\$21,519	\$14,775	\$18,078	\$17,017	\$711	\$14,682	\$5,182	\$14,322	\$1,262	\$20,527	\$13,125	\$12,199	\$153,398
9	BUSINESS EFFICIENT LIGHTING	\$79,369	\$20,152	\$40,518	\$30,083	\$41,841	\$28,966	\$47,111	\$107,939	\$27,613	\$22,895	\$11,597	\$12,099	\$470,182
10	COMMERCIAL/INDUSTRIAL LOAD CONTROL	\$2,640,310	\$2,600,383	\$2,707,409	\$3,545,600	\$3,230,552	\$6,293,857	\$3,846,721	\$3,229,846	\$3,932,044	\$3,214,528	\$3,074,040	\$5,615,649	\$43,930,940
11	COMMERCIAL/INDUSTRIAL DEMAND REDUCTION	\$1,782,351	\$1,790,812	\$1,861,086	\$2,077,384	\$2,350,939	\$2,476,824	\$2,538,014	\$2,487,728	\$2,532,895	\$2,510,468	\$2,317,138	\$1,957,626	\$26,683,264
12	BUSINESS ENERGY EVALUATION	\$432,991	\$578,875	\$629,142	\$502,923	\$509,025	\$422,678	\$485,951	\$417,443	\$1,265,261	\$1,001,767	\$580,972	\$801,082	\$7,628,109
13	BUSINESS HEATING, VENTILATING & A/C	\$211,302	\$942,350	\$114,756	\$318,808	\$523,667	\$1,124,639	\$246,607	\$217,243	\$134,587	\$2,023,258	\$1,082,879	\$58,836	\$6,998,931
14	BUSINESS CUSTOM INCENTIVE	\$2,634	\$2,176	\$2,282	\$2,598	\$2,415	\$2,177	\$2,691	\$2,559	\$2,342	\$2,415	\$2,447	\$3,134	\$29,868
15	CONSERVATION RESEARCH & DEVELOPMENT	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$20,989	\$314	\$2,166	\$628	\$701	\$24,797
16	SOLAR PV FOR SCHOOLS	\$131,736	\$127,366	\$123,575	\$115,562	\$103,638	\$95,203	\$94,040	\$93,442	\$92,843	\$79,528	\$58,800	\$50,924	\$1,166,657
17	COMMON EXPENSES	\$545,002	\$501,481	\$706,167	\$616,590	\$609,262	\$606,356	\$598,699	\$508,260	\$499,571	\$581,571	\$613,036	\$718,527	\$7,104,519
18	TOTAL	\$9,512,857	\$10,494,059	\$10,384,605	\$13,085,140	\$13,198,491	\$16,770,903	\$14,680,918	\$15,205,035	\$15,171,175	\$16,301,754	\$11,670,099	\$15,263,862	\$161,738,898

Totals may not add due to rounding.

FLORIDA POWER LIGHT COMPANY
ENERGY CONSERVATION COST RECOVERY
CONSERVATION TRUE-UP CALCULATION

SCHEDULE CT-3

JANUARY 2019 THROUGH DECEMBER 2019

	January Actual	February Actual	March Actual	April Actual	May Actual	June Actual	July Actual	August Actual	September Actual	October Actual	November Actual	December Actual	Twelve Month Amount
1. Conservation Clause Revenues (Net of Revenue Taxes)	\$11,445,799	\$10,780,594	\$11,475,545	\$11,926,055	\$13,053,272	\$14,567,722	\$15,237,518	\$15,002,242	\$15,367,380	\$14,446,865	\$13,160,341	\$11,117,122	\$157,580,454
2. Total Revenues	\$11,445,799	\$10,780,594	\$11,475,545	\$11,926,055	\$13,053,272	\$14,567,722	\$15,237,518	\$15,002,242	\$15,367,380	\$14,446,865	\$13,160,341	\$11,117,122	\$157,580,454
3. Adjustment Not Applicable To Period - Prior True-up	\$1,140,683	\$1,140,683	\$1,140,683	\$1,140,683	\$1,140,683	\$1,140,683	\$1,140,683	\$1,140,683	\$1,140,683	\$1,140,683	\$1,140,683	\$1,140,683	\$13,688,198
4. Conservation Revenues Applicable To Period (Line 2 + 3)	\$12,586,483	\$11,921,277	\$12,616,228	\$13,066,739	\$14,193,955	\$15,708,405	\$16,378,202	\$16,142,925	\$16,508,063	\$15,587,548	\$14,301,024	\$12,257,805	\$171,268,652
5. Conservation Expenses (CT-3 Page 8, Line 18)	\$9,512,857	\$10,494,059	\$10,384,605	\$13,085,140	\$13,198,491	\$16,770,903	\$14,680,918	\$15,205,035	\$15,171,175	\$16,301,754	\$11,670,099	\$15,263,862	\$161,738,898
6. True-up This Period (Line 4 - Line 5)	\$3,073,626	\$1,427,218	\$2,231,622	(\$18,401)	\$995,464	(\$1,062,498)	\$1,697,284	\$937,890	\$1,336,889	(\$714,206)	\$2,630,925	(\$3,006,057)	\$9,529,755
7. Interest Provision	\$40,919	\$43,150	\$45,177	\$45,385	\$43,334	\$40,126	\$36,213	\$34,369	\$33,345	\$28,906	\$26,304	\$23,983	\$441,212
8. True-up & Interest Provision Beginning of Month	\$13,688,198	\$15,662,060	\$15,991,745	\$17,127,861	\$16,014,162	\$15,912,277	\$13,749,222	\$14,342,035	\$14,173,611	\$14,403,162	\$12,577,178	\$14,093,724	\$13,688,198
8a. Deferred True-up Beginning of Period	\$5,635,677	\$5,635,677	\$5,635,677	\$5,635,677	\$5,635,677	\$5,635,677	\$5,635,677	\$5,635,677	\$5,635,677	\$5,635,677	\$5,635,677	\$5,635,677	\$5,635,677
9. Prior True-up Collected/(Refunded)	(\$1,140,683)	(\$1,140,683)	(\$1,140,683)	(\$1,140,683)	(\$1,140,683)	(\$1,140,683)	(\$1,140,683)	(\$1,140,683)	(\$1,140,683)	(\$1,140,683)	(\$1,140,683)	(\$1,140,683)	(\$13,688,198)
10. End of Period True-up - Over/(Under) Recovery (Line 6+7+8+8a+9)	\$21,297,737	\$21,627,422	\$22,763,538	\$21,649,839	\$21,547,954	\$19,384,899	\$19,977,712	\$19,809,288	\$20,038,839	\$18,212,855	\$19,729,401	\$15,606,643	\$15,606,643

Note: () Reflects Underrecovery
Totals may not add due to rounding.

FLORIDA POWER LIGHT COMPANY
ENERGY CONSERVATION COST RECOVERY
CONSERVATION TRUE-UP CALCULATION

SCHEDULE CT-3

JANUARY 2019 THROUGH DECEMBER 2019

	January Actual	February Actual	March Actual	April Actual	May Actual	June Actual	July Actual	August Actual	September Actual	October Actual	November Actual	December Actual	Twelve Month Amount
1. Beginning True-Up Amount (Page 9, Line 8 + 8a)	\$19,323,875	\$21,297,737	\$21,627,422	\$22,763,538	\$21,649,839	\$21,547,954	\$19,384,899	\$19,977,712	\$19,809,288	\$20,038,839	\$18,212,855	\$19,729,401	N/A
2. Ending True-Up Amount Before Interest (Page 9, Line 6 + 8 + 8a + 9)	\$21,256,818	\$21,584,272	\$22,718,361	\$21,604,454	\$21,504,620	\$19,344,773	\$19,941,499	\$19,774,919	\$20,005,494	\$18,183,949	\$19,703,097	\$15,582,661	N/A
3. Total of Beginning & Ending True-Up (Line 1 + 2)	\$40,580,694	\$42,882,009	\$44,345,783	\$44,367,992	\$43,154,459	\$40,892,727	\$39,326,398	\$39,752,631	\$39,814,782	\$38,222,788	\$37,915,952	\$35,312,061	N/A
4. Average True-Up Amount (50% of Line 3)	\$20,290,347	\$21,441,004	\$22,172,892	\$22,183,996	\$21,577,229	\$20,446,364	\$19,663,199	\$19,876,316	\$19,907,391	\$19,111,394	\$18,957,976	\$17,656,031	N/A
5. Interest Rate - First Day of Reporting Business Month	0.024200	0.024200	0.024100	0.024800	0.024300	0.023900	0.023200	0.021000	0.020500	0.019700	0.016600	0.016700	N/A
6. Interest Rate - First Day of Subsequent Business Month	0.024200	0.024100	0.024800	0.024300	0.023900	0.023200	0.021000	0.020500	0.019700	0.016600	0.016700	0.015900	N/A
7. Total (Line 5 + 6)	0.048400	0.048300	0.048900	0.049100	0.048200	0.047100	0.044200	0.041500	0.040200	0.036300	0.033300	0.032600	N/A
8. Average Interest Rate (50% of Line 7)	0.024200	0.024150	0.024450	0.024550	0.024100	0.023550	0.022100	0.020750	0.020100	0.018150	0.016650	0.016300	N/A
9. Monthly Average Interest Rate (Line 8 / 12)	0.002017	0.002013	0.002038	0.002046	0.002008	0.001963	0.001842	0.001729	0.001675	0.001513	0.001388	0.001358	N/A
10. Interest Provision for the Month (Line 4 x 9)	\$40,919	\$43,150	\$45,177	\$45,385	\$43,334	\$40,126	\$36,213	\$34,369	\$33,345	\$28,906	\$26,304	\$23,983	\$441,212

Totals may not add due to rounding.

Schedule CT-5

Reconciliation and Explanation of
Differences between Filing and FPSC Audit
Report for Months: January – December 2019

The Audit has not been completed as of the date of this Filing

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20200002-EG EXHIBIT: 4
PARTY: AS-1 (4)
DESCRIPTION: Schedules CT-5 and CT-6,
Appendix A

FPL DSM Program & Pilot Descriptions

FPL's DSM programs are designed to reduce energy consumption and growth of coincident peak demand.

1. Residential Home Energy Survey (HES)

This program educates customers on energy efficiency and encourages implementation of recommended practices and measures, even if these are not included in FPL's DSM programs. The HES is also used to identify potential candidates for other FPL DSM programs.

2. Residential Ceiling Insulation

This program encourages customers to improve the home's thermal efficiency.

3. Residential Load Management (On-Call)

This program allows FPL to turn off certain customer-selected appliances using FPL-installed equipment during periods of extreme demand, capacity shortages, system emergencies, or system frequency regulation.

4. Residential Air-Conditioning

This program encourages customers to install high-efficiency central air-conditioning systems.

5. Residential New Construction (BuildSmart®)

This program encourages builders and developers to design and construct new homes that achieve BuildSmart® certification and move towards ENERGY STAR® qualifications.

6. Residential Low Income

This program assists low income customers through FPL-conducted Energy Retrofits and state Weatherization Assistance Provider (WAP) agencies.

7. Business On Call

This program allows FPL to turn off customers' direct expansion central air-conditioning units using FPL-installed equipment during periods of extreme demand, capacity shortages or system emergencies.

8. Cogeneration and Small Power Production

This program facilitates the interconnection and administration of contracts for co-generators and small power producers.

9. Business Lighting

This program encourages customers to install high-efficiency lighting systems.

10. Commercial/Industrial Load Control (CILC)

This program allows FPL to control customer loads of 200 kW or greater during periods of extreme demand, capacity shortages or system emergencies. It was closed to new participants as of December 31, 2000. It is available to existing participants who had entered into a CILC agreement as of March 19, 1996.

FPL DSM Program & Pilot Descriptions (cont'd)

11. Commercial/Industrial Demand Reduction (CDR)

This program allows FPL to control customer loads of 200 kW or greater during periods of extreme demand, capacity shortages or system emergencies.

12. Business Energy Evaluation (BEE)

This program educates customers on energy efficiency and encourages implementation of recommended practices and measures even if these are not included in FPL's DSM programs. The BEE is also used to identify potential candidates for other FPL DSM programs

13. Business Heating, Ventilating & AC (HVAC)

This program encourages customers to install high-efficiency HVAC systems.

14. Business Custom Incentive (BCI)

This program encourages customers to install unique high-efficiency technologies not covered by other FPL DSM programs.

15. Conservation Research & Development (CRD) Project

This project consists of research studies designed to: identify new energy efficient technologies; evaluate and quantify their impacts on energy, demand and customers; and where appropriate and cost-effective, incorporate an emerging technology into a DSM program.

16. Business Photovoltaic for Schools Pilot

Under this pilot, FPL installed photovoltaic (PV) systems and provided supporting educational training and materials for selected schools in most public school districts in FPL's territory to demonstrate and educate students on the practical issues of PV. This pilot was discontinued on December 31, 2015. There will be capital depreciation and return costs for this pilot through 2020 when ownership of the last PV systems is transferred to their respective customers.

17. Common Expenses

For administrative efficiency this includes all costs that are not specifically attributable to a particular program.

SCHEDULE CT-6

Florida Power & Light Company
 Program Progress
 January through December 2019

Pgm No	Program Title	Accomplishments		2019 Cost & Variance v. Actual/Estimate ¹
		2019	Inception through December 2019	
1	Residential Home Energy Survey	Participants = 117,361	Participants = 4,098,353	Total = \$13,425,401 Variance= \$134,745
2	Residential Ceiling Insulation	Participants = 3,662	Participants = 582,758	Total = \$770,073 Variance= \$2,097
3	Residential Load Management ("On Call")	Participants = 8,631	Participants = 703,601	Total = \$45,527,290 Variance= (\$369,360)
4	Residential Air Conditioning	Participants = 20,082	Participants = 1,970,212	Total = \$3,395,911 Variance= (\$100,561)
5	Residential New Construction (BuildSmart®)	Participants = 3,498	Participants = 51,026	Total = \$519,520 Variance= (\$23,364)
6	Residential Low-Income	Participants = 2,796	Participants = 17,482	Total = \$475,159 Variance= \$82,219
7	Business On Call	kW = 390	MW = 76	Total = \$3,434,880 Variance= \$360,593
8	Cogeneration & Small Power Production	Firm MW = 444 GWh Purchased = 1,197 Firm = 4; As Available = 12	MW Under Contract = 444 MW Committed = 444	Total = \$153,398 Variance= \$39,865
9	Business Lighting	kW = 4,767	kW = 310,631	Total = \$470,182 Variance= (\$132,652)
10	Commercial/Industrial Load Control	Closed to new participants	MW = 465	Total = \$43,930,939 Variance= \$2,113,552
11	Commercial/Industrial Demand Reduction	kW= 13,157	MW = 327	Total = \$26,683,264 Variance= \$39,488
12	Business Energy Evaluation	Participants = 6,655	Participants = 254,164	Total = \$7,628,109 Variance= (\$228,795)
13	Business Heating, Ventilating & AC	kW = 11,348	kW = 426,088	Total = \$6,998,931 Variance= (\$2,899,031)
14	Business Custom Incentive	kW = 0	kW = 54,802	Total = \$29,868 Variance= (\$48,611)
15	Conservation Research & Development	Not Applicable	Not Applicable	Total = \$24,797 Variance= (\$25,203)
16	Business Photovoltaic for Schools Pilot	Not Applicable	Not Applicable	Total = \$1,166,657 Variance= \$116,981
17	Common Expenses	Not Applicable	Not Applicable	Total = \$7,104,519 Variance= (\$206,071)

Notes: (1) Variance where actuals less than Actual/Estimate shown with ()
 kW and MW reduction are at the generator

SCHEDULE CT-6

Business Custom Incentive Cost Effectiveness Test Results

No BCI Projects in 2019

SCHEDULE CT-6

<u>Customer Name</u>	<u>Effective Date</u>	<u>Prior Rate</u>	<u>Firm Rate</u>	<u>Remarks</u>
Customer No. 1	01/14/2019	CILC	Not Applicable	No Longer Qualified
Customer No. 2	03/19/2019	CILC	Not Applicable	Account Final Billed
Customer No. 3	06/27/2019	CILC	Not Applicable	Account Final Billed
Customer No. 4	12/17/2019	CILC	Not Applicable	No Longer Qualified
Customer No. 5	12/30/2019	CILC	Not Applicable	EPA NESHAP Termination. In the best interest of the Customer, the Company and the Company's other Customers
Customer No. 6	01/13/2019	CDR	Not Applicable	Account Final Billed
Customer No. 7	02/15/2019	CDR	Not Applicable	Account Final Billed
Customer No. 8	08/06/2019	CDR	Not Applicable	Account Final Billed
Customer No. 9	08/12/2019	CDR	Not Applicable	Account Final Billed
Customer No. 10	11/19/2019	CDR	Not Applicable	Account Final Billed
Customer No. 11	12/09/2019	CDR	Not Applicable	No Longer Qualified

SCHEDULE CT-6

CONSERVATION RESEARCH & DEVELOPMENT (“CRD”) PROGRAM

CRD is an umbrella program under which FPL researches a wide variety of new technologies to evaluate their potential for reductions in peak load and energy as well as customer bill savings. Florida’s climatic conditions are unique so the studies must reflect the effects of the hot and humid environment. Favorable evaluation results can lead to incorporation in FPL’s DSM programs. Examples of technologies that have been included are: Energy Recovery Ventilators; Demand Control Ventilation; and Residential Air Conditioning Duct Plenum Seal.

FPL participates in relevant co-funded projects with organizations such as Electric Power Research Institute (“EPRI”). This co-funding enables FPL to gain the learnings from larger research projects at a fraction of the total cost. In 2019, FPL continued its participation in EPRI’s on-going readiness assessment of multiple technologies in various stages of development which enables comparisons among these technologies.

APPENDIX A



See how you can save

Residential

\$300 annual residential customer savings based on the following:

- Replace four 60-Watt standard light bulbs that you use four hours a day with LED bulbs
 - Save \$29 a year
- Replace one 60-Watt standard light bulb that you leave on 12 hours a night for security with an LED bulb
 - Save \$22 a year
- Replace old showerheads with water-efficient models to cut your hot water usage
 - Save \$80 a year in a home with two occupants
- Reduce your water heater temperature by 20 degrees – lower the temperature from 140 degrees to 120 degrees
 - Save about \$10 a year
- Turn the fan off when leaving a room – savings based on stopping one ceiling fan from running all the time
 - Save about \$85 a year
- Use cold water instead of hot water when using your washing machine
 - Save \$30 a year
- Use a power strip to turn off your desktop computer and accessories when not in use

- Save \$24 a year
- Install a smart thermostat
 - Save \$50 a year on your cooling costs
- Enroll in our On Call® Program (</save/programs/on-call.html>)
 - Save up to \$137 a year

Business

\$500 annual business customer savings based on the following:

- \$397 per year, attributed to an average business customer with a 10 ton A/C, replacing a 10 EER with a 12 EER unit, with the unit operating 3,869 hours per year
- \$140 per year, attributed to an average business customer enrolled in the Business On Call® program with a 10 ton A/C unit at \$2 per ton per month savings for seven months (April - October)

Gánale al Calor

Aprende cómo
puedes bajar tu cuenta
cuando las temperaturas
están altas.

Un día caluroso significa que tu aire acondicionado estará trabajando al máximo para refrescar tu hogar. Con las herramientas inteligentes y la aplicación móvil de FPL, puedes encontrar nuevas formas para ahorrar energía y dinero, y mantener tu cuenta bajo control. ¡Toma el Estudio Online Residencial para ver cómo puedes ahorrar

hasta **\$300**
al año.



FPL.com/GanaleAlCalor



FPL



LET OUR SMART TOOLS HELP YOU SAVE ENERGY AND MONEY LIKE AN EXPERT.

Now, you can see how your energy use changes over time, view your projected bill before it's due, and find new ways to save, by scheduling a free in-person Business Energy Evaluation. Schedule your evaluation today at FPL.com/BizEasyToSave and see how our smart tools can help you save up to \$500 a year.



CHANGING THE CURRENT. FPL.





Your energy-saving playbook



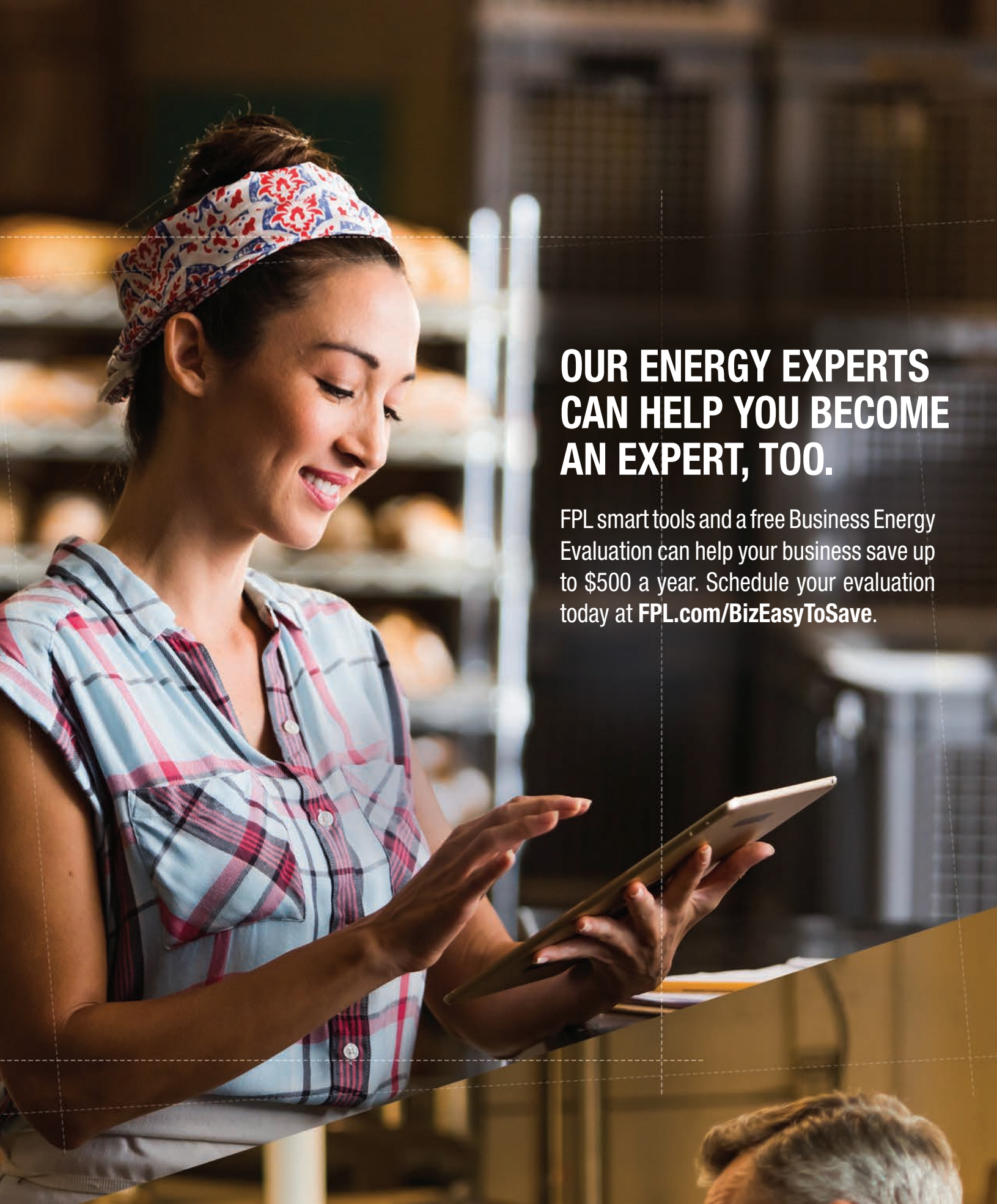


Go to [FPL.com/TakeControl](https://www.fpl.com/takecontrol)









OUR ENERGY EXPERTS CAN HELP YOU BECOME AN EXPERT, TOO.


FPL smart tools and a free Business Energy Evaluation can help your business save up to \$500 a year. Schedule your evaluation today at [FPL.com/BizEasyToSave](https://www.fpl.com/BizEasyToSave).



Save up to

\$ 500

a year.

CHANGING THE CURRENT.  FPL.



Projected Bill
\$117

10
32
Total Service Days

\$3.61

89°
Avg Temp
(°F)

FPL IS TURNING BUSINESS OWNERS INTO ENERGY EXPERTS.

With new smart tools and a free Business Energy Evaluation, you can learn how to become an energy expert and how to save up to \$500 a year! Schedule your evaluation today at FPL.com/BizEasyToSave.



WIN A \$10,000
Smart Home Energy Makeover

FPL.com/BeatTheHeat



FPL®

WIN A \$10,000 *Smart Home Energy Makeover*



Visit [FPL.com/BeatTheHeat](https://www.fpl.com/BeatTheHeat) and take the
Online Home Energy Survey
for your chance to win.

GANA UNA Renovación de *Tecnología Inteligente* de **\$10,000**

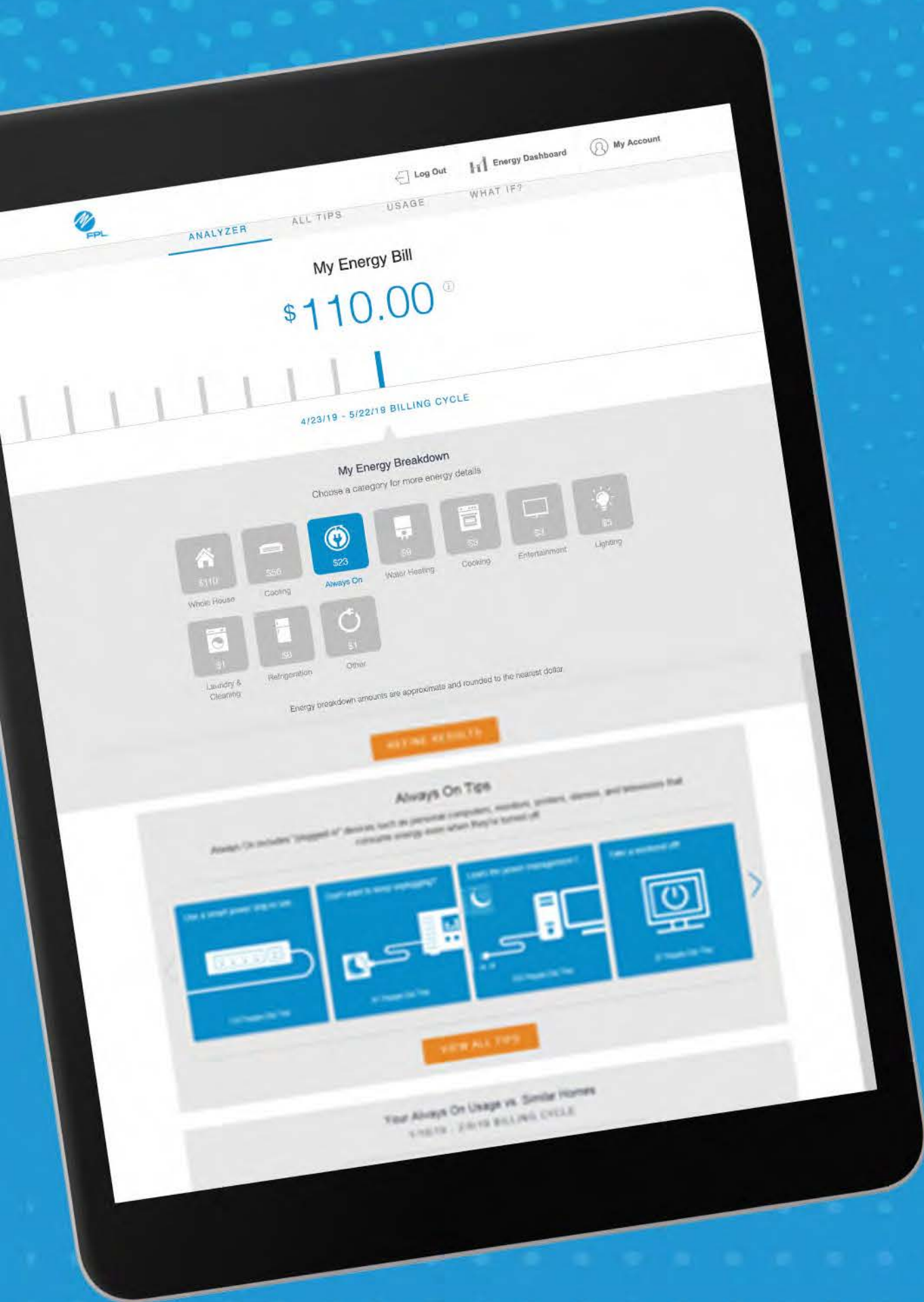


Visita **FPL.com/GanaleAlCalor** y toma el
Estudio Online Residencial
para tu chance de ganar.

What's driving your energy bill?

[FPL.com/TakeControl](https://www.fpl.com/TakeControl)





Save now with the ENERGY ANALYZER

NEW

FPL.com/TakeControl



FPL®



Presentando el nuevo
**ANALIZADOR
DE ENERGÍA**



El nuevo Analizador de Energía de FPL, energizado por la red más inteligente en la nación, te ofrece un reporte detallado de tu consumo de electricidad para que puedas ver qué causa los cargos en tu cuenta. Aprende más sobre el consumo eléctrico en tu hogar y cómo puedes ahorrar.

[FPL.com/TomaControl](https://www.fpl.com/TomaControl)



CAMBIANDO LA CORRIENTE. **FPL**



Introducing the new FPL

ENERGY ANALYZER



The new FPL Energy Analyzer, powered by America's most intelligent grid, gives you a complete breakdown of your energy use so you can see what's driving your bill. Learn how your home uses energy and how you can save.

[FPL.com/TakeControl](https://www.fpl.com/takecontrol)

CHANGING THE CURRENT.®



FPL.®



Discover how your business uses energy.

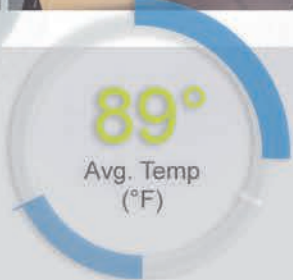
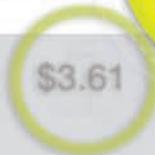
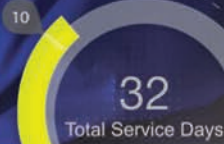
Introducing the FPL Business Energy Manager.

Powered by America's most intelligent grid, our new smart tool gives you a comprehensive breakdown of how your business uses energy. See where your energy is going, and how you can save.

FPL.com/BusinessEnergyManager



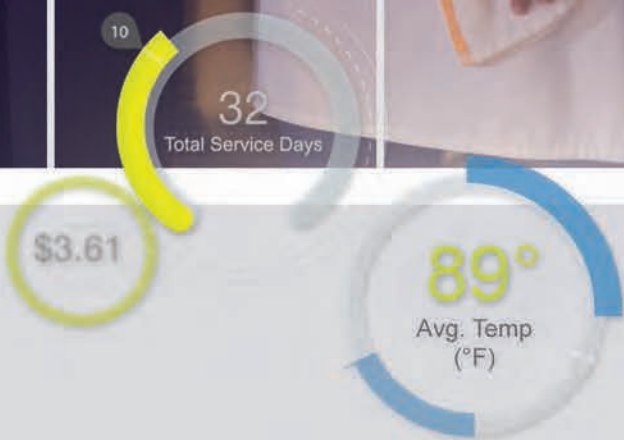
CHANGING THE CURRENT. **FPL.**



OUR ENERGY EXPERTS CAN HELP YOU BECOME AN EXPERT, TOO.

Save up to \$500 a year for your business with FPL smart tools and a free Business Energy Evaluation. Learn more at FPL.com/BizEasyToSave.





OUR ENERGY EXPERTS CAN HELP YOU BECOME AN EXPERT, TOO.

FPL smart tools and a free Business Energy Evaluation can help you save up to \$500 a year for your business. Learn more at FPL.com/BizEasyToSave.



Florida Trend

THE MAGAZINE OF FLORIDA BUSINESS

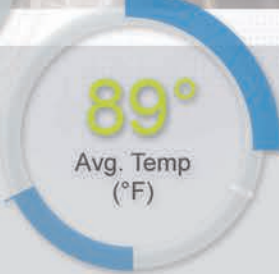
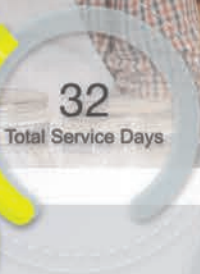
Periodical



FPL IS TURNING BUSINESS OWNERS ACROSS FLORIDA INTO ENERGY EXPERTS.

With new smart tools and a free in-person Business Energy Evaluation, you can become an energy expert and learn how to save up to \$500 a year for your business! See how at FPL.com/BizEasyToSave.

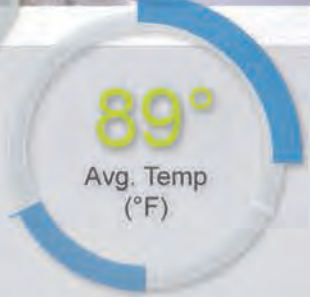
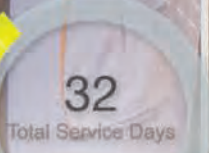
CHANGING THE CURRENT.  FPL.



BECOME AN ENERGY EXPERT WITH FPL SMART TOOLS.

Find new ways to save energy and money with FPL smart tools and a free Business Energy Evaluation. See how at FPL.com/BizEasyToSave.





SAVE UP TO \$500 A YEAR WHEN YOU BECOME AN FPL ENERGY EXPERT.

Schedule a free in-person Business Energy Evaluation and learn how you can become an energy-saving expert. Visit FPL.com/BizEasyToSave.



Social + Search Ads

FPL Connect
Sponsored ·

Breeze through summer with a new A/C from an FPL Participating Independent Contractor. With a \$150 instant rebate, you'll [...See More](#)



FPL.COM
See if you qualify
Get a new, energy-efficient A/C [LEARN MORE](#)

5 3 Comments

Like Comment Share

FPL Connect
Sponsored ·

Breeze through summer with a new A/C from an FPL Participating Independent Contractor. With a \$150 instant rebate, you'll [...See More](#)



FPL.COM
See if you qualify
Get a new, energy-efficient A/C [LEARN MORE](#)

13

Like Comment Share

Edit

FPL Connect
Sponsored ·

Breeze through summer with a new A/C from an FPL Participating Independent Contractor. With a \$150 instant rebate, you'll [...See More](#)



FPL.COM
See if you qualify
Get a new, energy-efficient A/C [LEARN MORE](#)

69 22 Comments 12 Shares

Edit

FPL Connect
Sponsored ·

Don't sweat it! With a new A/C from an FPL Participating Independent Contractor, you may qualify to save \$150 instantly.



FPL.COM
\$150 instant rebate on a new A/C [LEARN MORE](#)

Like Comment Share

Mobile

[Save on a New AC Unit | FPL AC Rebate | Learn More Today](#)
Ad www.fpl.com/residential/AC

Homeowners May Qualify For a \$150 rebate on a New AC Unit. Act Now for Savings! Min. SEER Rating of 16/17. Improve Energy Efficiency. Instant Savings.

Desktop

[Save on a New AC Unit | FPL AC Rebate | Learn More Today](#)
Ad www.fpl.com/residential/AC

Homeowners May Qualify For a \$150 rebate on a New AC Unit. Act Now for Savings! Min. SEER Rating of 16/17. Improve Energy Efficiency. Instant Savings.

Social Ads

FPL Connect Sponsored ·  Sponsored ·  ...

Introducing the NEW FPL Energy Analyzer, the latest smart tool built to put you in control of your bill.



FPL.COM
Your NEW Energy Analyzer [LEARN MORE](#)
Take control of your bill.

  25 6 Comments 1 Share

 Like  Comment  Share

FPL Connect Sponsored ·  Sponsored ·  ...

Using actual data from your smart meter, you'll get a comprehensive breakdown of how your home uses energy!



FPL.COM
The Smarter Way to Save [LEARN MORE](#)
All new FPL Energy Analyzer.

   234 46 Comments 37 Shares

 Like  Comment  Share

FPL Connect Sponsored ·  Sponsored ·  ...



What's driving your energy bill? The new FPL Energy Analyzer helps you find the energy culprits in your home!




FPL.COM
Uncover Energy Savings [LEARN MORE](#)
The new FPL Energy Analyzer

   11 3 Comments 1 Share



 Like  Comment  Share



FPL Connect Sponsored ·  Sponsored ·  ...

Don't forget to activate the new FPL Energy Analyzer to instantly see an itemized breakdown of your energy costs. [...See More](#)

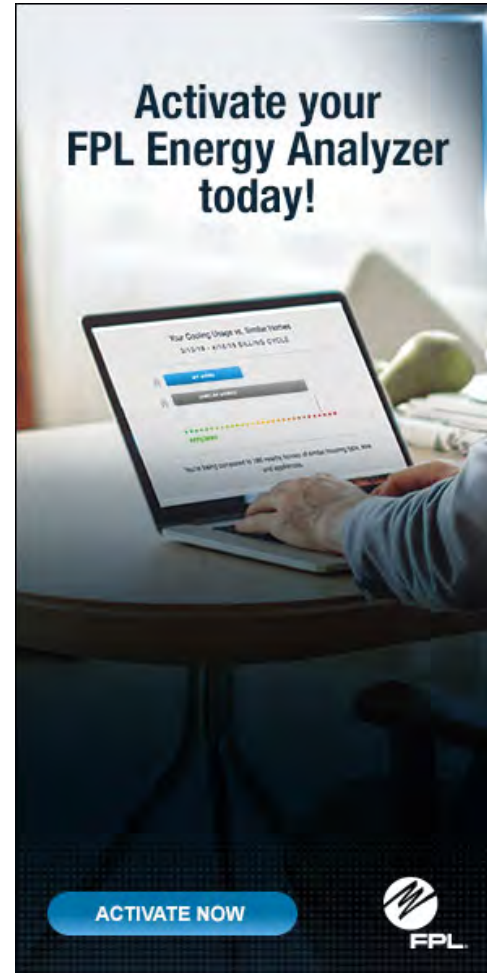
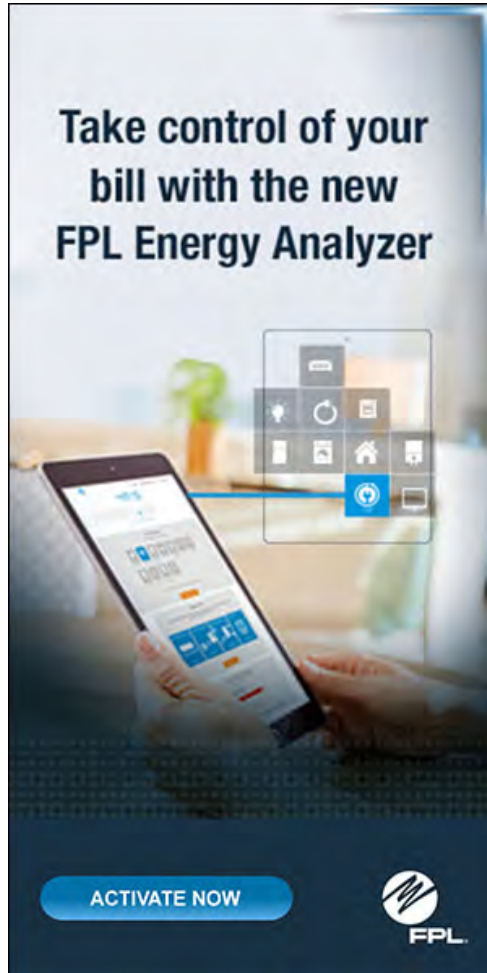


FPL.COM
Get Started Now [LEARN MORE](#)
The new FPL Energy Analyzer

   191 45 Comments 42 Shares

 Like  Comment  Share

Display Banners



Native In Feed



Have an Overweight Pet? These Tips Are Proven to Work!

Half the pets in the U.S. are overweight, but they don't have to be! Here's how to help your dog or cat slim down for better health and a longer life.



10 Seafood Facts That Will Change How You Eat Fish Forever

Yes, some fish contain mercury and yes, some of the rumors about farmed fish are true, but we got the facts on seafood so you can eat this superfood worry-free.



The Smarter Way To Save

Sponsored by Florida Power & Light. For the first time you can instantly see an itemized breakdown of your energy costs!



How This Amazing Day Care Center for Adults Is Helping Fight One of the Worst Diseases

An Alzheimer's diagnosis at 54 years old changed Bruce Faciane's life, but Charlie's Place gave him a safe space.



20 Father's Day Gifts Ideas Every Dad Would Love to Have

Instead of giving Dad a lame tie or collared shirt this Father's Day, why not give him something healthier and more useful? We rounded up the best Father's Day gifts—he's sure to love at least one of these ideas.

- 1. **Country Call This the 'Most Hospitable' Small Town They've Ever Served**
4.7K SHARES
- 2. **\$1,950 May Pay Day Sweeps**
3.6K SHARES
- 3. **The Real History of Cinco de Mayo (It's Not a Celebration of Mexico's Independence)**
2.4K SHARES
- 4. **This Woman Is One of Just 10 People in the World with Her Genetic Condition**
2.0K SHARES

FORTUNE
Finance

Term Sheet -- Tuesday, August 14

On deals and dealmakers.

BRIEFING
Tinder Founders Sue IAC for Billions, Allege Sexual Abuse Cover-Up

BRIEFING
Donald Trump Campaign Accuses Ombudsman Haignault of Violating...

BRIEFING
Apple's iPhone X Plus Could Come with Apple Pencil Support

BRIEFING
Bud Light Will Give Browns Fans Free Beer--If the Team Wins a Game This Year

The FBI Says There's Going to be a Huge Bank Heist in the Coming Days
Thieves could take millions worldwide in only a few hours.

AD BY FLORIDA POWER & LIGHT
NEW - FPL Energy Analyzer
Using actual data from your smart meter, get a personalized breakdown of your home's energy use!

Wall Street little changed as financials drop, defensive stocks gain

NEW YORK U.S. stocks were little changed on Wednesday as financials dropped after JPMorgan and Bank of America warned of revenue weakness, offsetting gains in defensive plays.

3:56pm EDT

Volvo wins BMW, Mercedes buyers in new upmarket push
4:27pm EDT

[More Business News](#)

SECTOR	CHANGE
ENERGY	▼ -0.60%
BASIC MATERIALS	▼ -0.12%
INDUSTRIALS	▲ +0.24%
CYCLICAL GOODS & SERVICES	▲ +0.11%
NON CYCLICAL GOODS & SERVICES	▲ +0.26%
FINANCIALS	▼ -0.43%
HEALTHCARE	▲ +0.50%
TECHNOLOGY	▼ -0.20%
TELECOMS	▲ +0.46%
UTILITIES	▲ +0.46%

[Currency Converter](#) | [Quotes](#)

VIDEO

Trump says U.S., Vietnam signed deals worth 'billions'
(3:49)

VIDEO

Cool, solar fall on climate deal
(1:45)

VIDEO

Breakingviews TV: Zuckerberg bound?
(3:28)

RECENT BUSINESS NEWS

CBS move to own shows like 'MacGyver' pays off in overseas sales
NEW YORK Just over a decade ago, CBS Corp. accelerated its push to own more of the shows it broadcasts, rather than licensing them from studios.
[Entertainment Television](#) | [3:56pm EDT](#)

Trump hails signing of deals worth 'billions' with Vietnam
WASHINGTON U.S. President Donald Trump discussed trade with Vietnamese Prime Minister Nguyen Xuan Phuc during a White House visit on Wednesday and welcomed the signing of business deals worth billions of dollars and the jobs they would bring. | [Video](#)
[Politics](#) | [Election 2016](#), [World](#), [Global Energy News](#) | [3:56pm EDT](#)

U.S. coal stocks fall; exit from climate deal may hurt, not help
NEW YORK/LOS ANGELES U.S. coal company shares dipped alongside renewable energy stocks on Wednesday after reports that President Donald Trump plans to pull the United States from a global accord on fighting climate change. | [Video](#)
[Politics](#) | [Election 2016](#), [World](#), [Environment](#), [Global Energy News](#) | [3:56pm EDT](#)

SPONSORED BY FLORIDA POWER & LIGHT

Uncover Energy Savings
Take control of your bill with the new FPL Energy Analyzer, a free tool.

U.S. pending home sales fall; housing market recovery intact
WASHINGTON Contracts to buy previously owned U.S. homes fell for a second straight month in April amid a supply squeeze, but the housing market recovery remains supported by a strong labor market.
[3:56pm EDT](#)

Native In Feed

REAL SIMPLE

Sign In | Register

FOOD HOME STYLE LIFE HOLIDAYS SHOP VIDEO GIVE A GIFT SUBSCRIBE

FOOD



4 Quick Turnip Recipes



The Best Jams



Lucky Charms Just Unleashed 10,000 "Marshmallows Only" Boxes



How to Clean Your Keurig



PAID MATERIAL BY FLORIDA POWER & LIGHT

What's driving your bill?



FOOD 3 Ideas for Vanilla Extract That Don't Require Baking

Imitation may be the sincerest form of flattery, but when it comes to vanilla extract, stick with the real thing. Pure extract is made from vanilla beans steeped in alcohol and water. It has a far more complex flavor than the imitation kind and helps other ingredients reach their full, delicious potential.

DAILY FINDS



THE VERGE

CARS REVIEWS LONGFORM VIDEO


Powered by TripleLift



TAKE CONTROL OF YOUR BILL

The new FPL Energy Analyzer helps you find the energy culprits in your h...

AD FLORIDA POWER & LIGHT VIEW SITE



I tried Magic Leap and saw a flawed glimpse of mixed reality's amazing potential

By Jeff Labrecque

Social Ads

FPL Connect Sponsored · 🌐

Ever wonder how your energy use compares to similar homes? Don't forget to activate the FPL Energy Analyzer to see how!



FPL.COM
NEW FPL Energy Analyzer [LEARN MORE](#)
Compare and save!

👍 Like 💬 Comment ➦ Share

FPL Connect Sponsored · 🌐

Too hot to play outside? Find more ways you can save energy when you move the fun inside, so you can play on and save.



FPL.COM
NEW FPL Energy Analyzer [LEARN MORE](#)
Get more personalized tips!

👍❤️ 8 1 Comment 2 Shares

👍 Like 💬 Comment ➦ Share

FPL Connect Sponsored · 🌐

What's driving your energy bill? The new FPL Energy Analyzer helps you find the energy culprits in your home!



FPL.COM
Uncover Energy Savings [LEARN MORE](#)
The new FPL Energy Analyzer

👍 20 1 Comment 4 Shares

👍 Like 💬 Comment ➦ Share

Native In-Feed



Have an Overweight Pet? These Tips Are Proven to Work!

Half the pets in the U.S. are overweight, but they don't have to be! Here's how to help your dog or cat slim down for better health and a longer life.



10 Seafood Facts That Will Change How You Eat Fish Forever

Yes, some fish contain mercury and yes, some of the rumors about farmed fish are true, but we got the facts on seafood so you can eat this superfood worry-free.



The Smarter Way To Save

Sponsored by Florida Power & Light - For the first time you can instantly see an itemized breakdown of your energy costs!



How This Amazing Day Care Center for Adults Is Helping Fight One of the Worst Diseases

An Alzheimer's diagnosis at 54 years old changed Bruce Faciane's life, but Charlie's Place gave him a safe space.



20 Father's Day Gifts Ideas Every Dad Would Love to Have

Instead of giving Dad a lame tie or collared shirt this Father's Day, why not give him something healthier and more useful? We rounded up the best Father's Day gifts—he's sure to love at least one of these ideas.

- 1 Country Call This the 'Most Hospitable' Small Town They've Ever Served
4.7K SHARES
- 2 \$1,950 May Day Sweeps
3.0K SHARES
- 3 The Real History of Cinco de Mayo (It's Not a Celebration of Mexico's Independence)
2.4K SHARES
- 4 This Woman Is One of Just 10 People in the World with Her Genetic Condition
2.0K SHARES

FORTUNE
Finance

BRIEFING
Tinder Founders Sue IAC for Billions, Allege Sexual Abuse Cover-Up

BRIEFING
Donald Trump Campaign Accuses Omarosa Manigault of Violating...

BRIEFING
Apple's iPhone X Plus Could Come with Apple Pencil Support

BRIEFING
Bud Light Will Give Browns Fans Free Beer—if the Team Wins a Game This Year

Term Sheet -- Tuesday, August 14

On deals and dealmakers.

BRIEFING
U.S. Stocks Little Changed as Financials Drop, Defensive Stocks Gain

REPORT
Volkswagen Wins BMW, Mercedes Buyers in New Upmarket Push

REPORT
Coal, Solar Fall on Climate Deal

REPORT
Breakingviews TV: Zuckerberg Bound?



The FBI Says There's Going to be a Huge Bank Heist in the Coming Days

Thieves could take millions worldwide in only a few hours.



NEW - FPL Energy Analyzer

Using actual data from your smart meter, get a personalized breakdown of your home's energy use!



Wall Street little changed as financials drop, defensive stocks gain

NEW YORK U.S. stocks were little changed on Wednesday as financials dropped after JPMorgan and Bank of America warned of revenue weakness, offsetting gains in defensive plays.

JPMorgan, Bank of America Revenue down 15 percent vs year earlier - CFO

3:56pm EDT

Volkswagen wins BMW, Mercedes buyers in new upmarket push

4:27pm EST

More Business News

BUSINESS VIDEO



Report
Trump says U.S., Vietnam signed deals worth billions'
(3:58)



Report
Coal, solar fall on climate deal
(3:45)



Report
Breakingviews TV: Zuckerberg bound?
(3:28)

RECENT BUSINESS NEWS

CBS move to own shows like 'MacGyver' pays off in overseas sales

NEW YORK Just over a decade ago, CBS Corp. accelerated its push to own more of the shows it broadcasts, rather than licensing them from studios.

Entertainment | Television | 8/14pm EDT

Trump hails signing of deals worth 'billions' with Vietnam

WASHINGTON U.S. President Donald Trump discussed trade with Vietnamese Prime Minister Nguyen Xuan Phuc during a White House visit on Wednesday and welcomed the signing of business deals worth billions of dollars and the jobs they would bring. | Video

Politics | Election 2016 | World | Global Energy News | 8:00am EDT

U.S. coal stocks fall; exit from climate deal may hurt, not help

NEW YORK/LOS ANGELES U.S. coal company shares dipped alongside renewable energy stocks on Wednesday after reports that President Donald Trump plans to pull the United States from a global accord on fighting climate change. | Video

Politics | Election 2016 | World | Environment | Global Energy News | 8:00am EDT



SPONSORED BY FLORIDA POWER & LIGHT

Uncover Energy Savings

Take control of your bill with the new FPL Energy Analyzer, a free tool.

U.S. pending home sales fall; housing market recovery intact

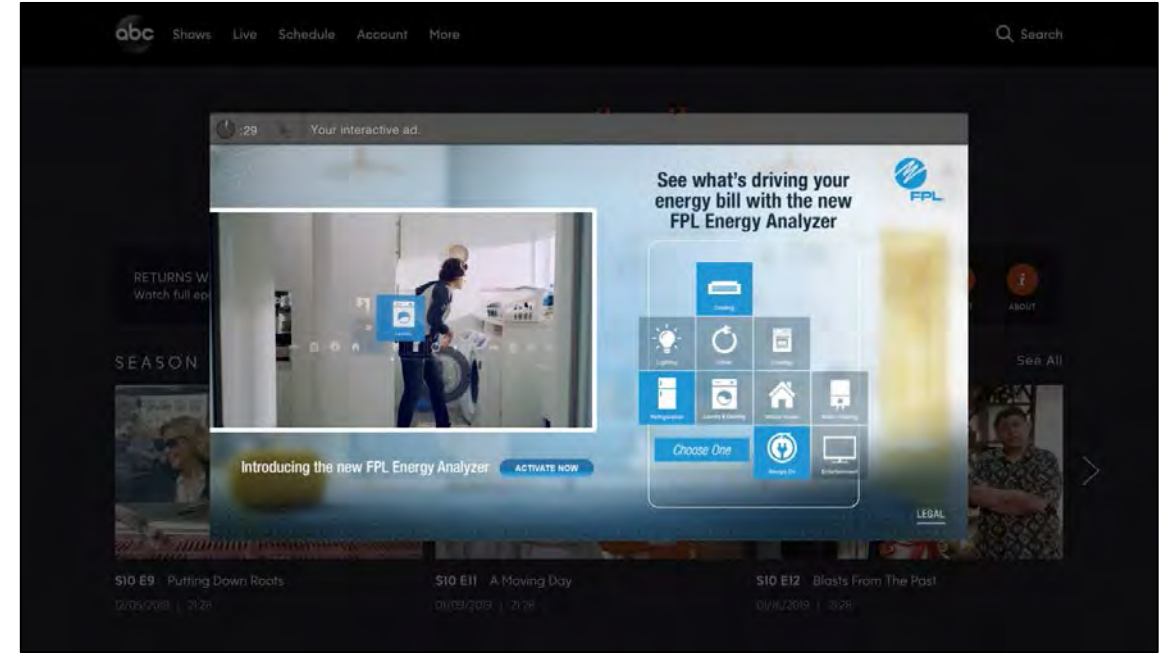
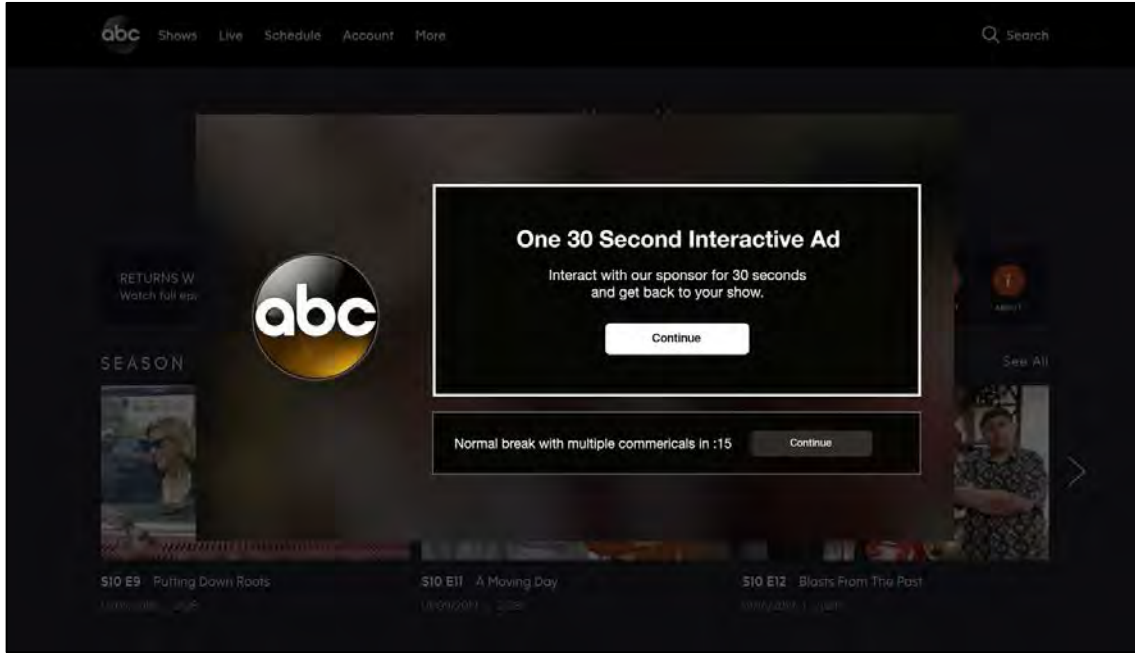
WASHINGTON Contracts to buy previously owned U.S. homes fell for a second straight month in April amid a supply squeeze, but the housing market recovery remains supported by a strong labor market.

ENERGY	-0.60%
BASIC MATERIALS	-0.12%
INDUSTRIALS	+0.24%
CYCLICAL GOODS & SERVICES	+0.11%
NON CYCLICAL GOODS & SERVICES	+0.26%
FINANCIALS	-0.43%
HEALTHCARE	+0.50%
TECHNOLOGY	-0.20%
TELECOMS	+0.46%
UTILITIES	+0.46%

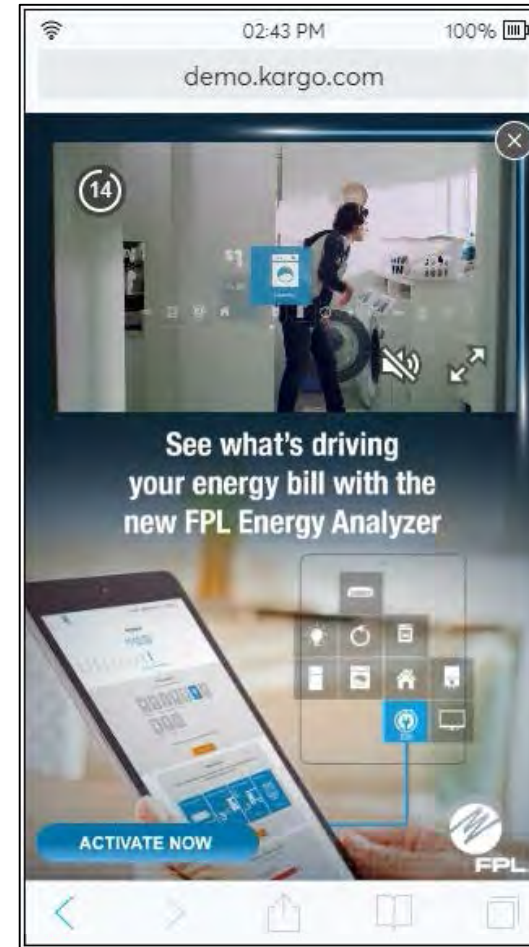
Currency Converter | Quotes



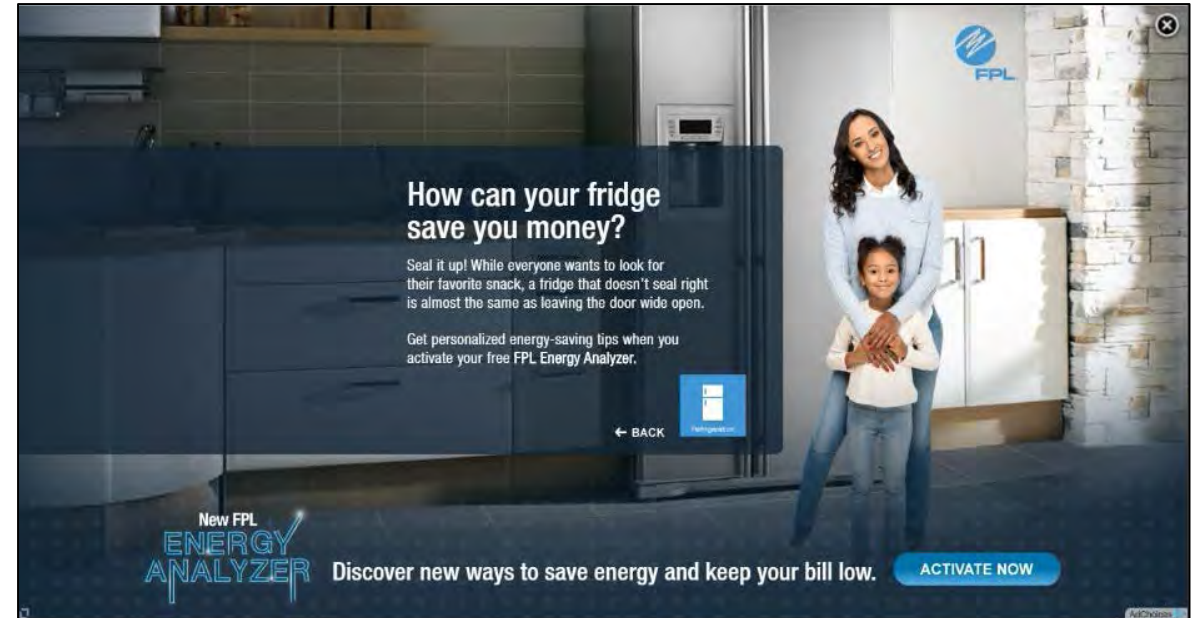
High Impact – Sponsored Ad Break



High Impact - Sidekick



High Impact - Page Grabber



High Impact - Expandable Adhesion

sparkflow

Home About Work Contact

Rich media demos

Easily create demos for testing

Phasellus feugiat varius mauris ut viverra. Sed tempus hendrerit enim et tempus. Aliquam nec magna vel feles interdum consectetur quis sollicitudin arcu. Cras ultricies ligula at sem lobortis. eget portitor enim pretium. Sed in est luctus. pretium ante ut, elementum nibh. Sed non augue enim. Nullam sodales ligula sed dapibus tempor. Vestibulum non urna justo.

Sparkflow Studio

See what's driving your energy bill with the new FPL Energy Analyzer

Discover new ways to save energy and keep your bill low.

ACTIVATE NOW

AdChoices

This screenshot shows a website layout with a single advertisement at the bottom. The ad features the FPL logo and text about the FPL Energy Analyzer, including a call to action 'ACTIVATE NOW' and an 'AdChoices' icon.

sparkflow

Home About Work Contact

Rich media demos

Easily create demos for testing

Phasellus feugiat varius mauris ut viverra. Sed tempus hendrerit enim et tempus. Aliquam nec magna vel feles interdum consectetur quis sollicitudin arcu. Cras ultricies ligula at sem lobortis. eget portitor enim pretium. Sed in est luctus. pretium ante ut, elementum nibh. Sed non augue enim. Nullam sodales ligula sed dapibus tempor. Vestibulum non urna justo.

Sparkflow Studio

A cloud based tool to create engaging rich media ads

Sed vel imperdiet urna. Maecenas viverra ultrices vehicula. Etiam lectus ligula, bibendum a sem ut, pharetra dapibus est. Nulla ac libero convallis, viverra diam ut, posuere leo. Praesent adipiscing venenatis vestibulum. Cras euismod nibh.

Introducing the new FPL Energy Analyzer

ACTIVATE NOW

AdChoices

This screenshot shows the same website layout as the first, but with an expandable advertisement at the bottom. The ad is partially expanded, showing a preview of the energy analyzer interface with a woman and a child, and a man in a kitchen. It includes the same text and call to action as the first ad, plus a '+' icon to expand it.

See what's driving your energy bill with the new FPL Energy Analyzer

Discover new ways to save energy and keep your bill low.

ACTIVATE NOW

AdChoices

This screenshot shows the website with the advertisement fully expanded. The ad content is larger and more prominent, featuring a woman and child in a kitchen, a man in a kitchen, and a man sitting on a couch. The text and call to action are clearly visible, along with the 'AdChoices' icon.

Social Ads

FPL Connect Sponsored · 🌐

Learn how to save energy and money with the new FPL Energy Analyzer and be entered to win a \$10,000 Smart Home Energy Makeover!



FPL.COM
Save and win big!
Win a \$10,000 Grand Prize

LEARN MORE

👍 Like 💬 Comment ➦ Share

FPL Connect Sponsored · 🌐

Activate your FPL Energy Analyzer and enter for a chance to win a \$10,000 Smart Home Energy Makeover PLUS weekly ...See More



FPL.COM
Save energy and win big!
Enter to win today

LEARN MORE

👍 🥳 🗳️ 27 3 Comments 7 Shares

👍 Like 💬 Comment ➦ Share

FPL Connect Sponsored · 🌐

LAST CALL– activate your FPL Energy Analyzer today for a chance to win a \$10,000 Smart Home Energy Makeover!



FPL.COM
Win a \$10,000 Grand Prize
Enter for a chance to win

LEARN MORE

👍 🥳 🗳️ 24 2 Comments 4 Shares

👍 Like 💬 Comment ➦ Share

Social Ads

FPL Connect
Sponsored · 

Discover how your business uses energy and how you can save with the new FPL Business Energy Manager.



FPL.COM
Business Energy Manager
A new FREE smart tool! [LEARN MORE](#)

   125 1 Comment 3 Shares

 Like  Comment  Share

FPL Connect
Sponsored · 

Want to boost your business' bottom line? Introducing the new FPL Business Energy Manager. Now, you're in control.



FPL.COM
Business Energy Manager
A new FREE smart tool! [LEARN MORE](#)

   168 1 Comment 7 Shares

 Like  Comment  Share

FPL Connect
Sponsored · 

Don't miss out on a weekend of fun family-friendly activities at Palm Beach Zoo, Manatee Lagoon, Museum of Discovery ... See More



   153 4 Comments 6 Shares

 Like  Comment  Share

FPL Connect
Sponsored · 

Don't forget to visit the FPL Business Energy Manager today to see how your business uses energy.



FPL.COM
Start saving today!
FPL Business Energy Manager. [LEARN MORE](#)

 1

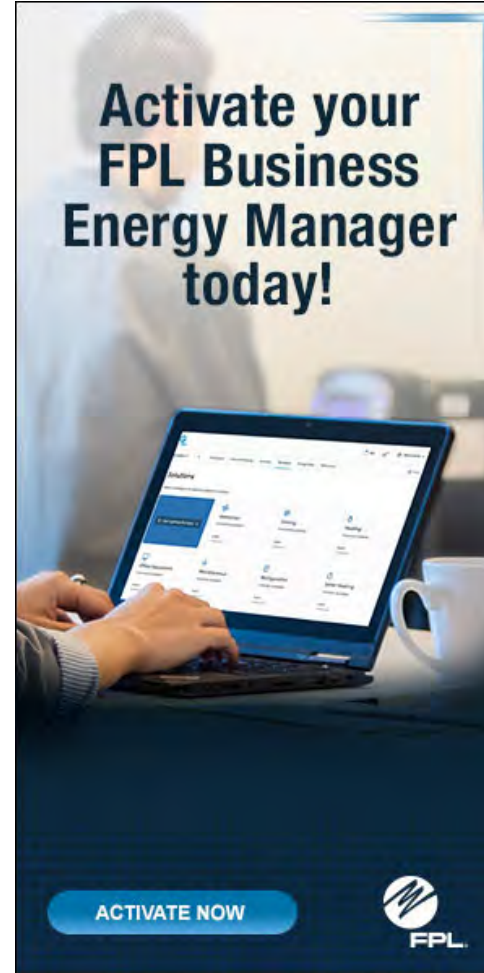
 Like  Comment  Share

Display Banners




Take control
of your bill
with the new
FPL Business
Energy Manager

ACTIVATE NOW



Activate your
FPL Business
Energy Manager
today!

ACTIVATE NOW



Display Banners

Wake up to lower bills with the new FPL Energy Analyzer

ACTIVATE NOW

FPL

Keep your bill fresh with the new FPL Energy Analyzer

ACTIVATE NOW

FPL

\$10,000 Smart Home Energy MAKEOVER

ENTER TO WIN

FPL

Cook up some savings with the new FPL Energy Analyzer

ACTIVATE NOW

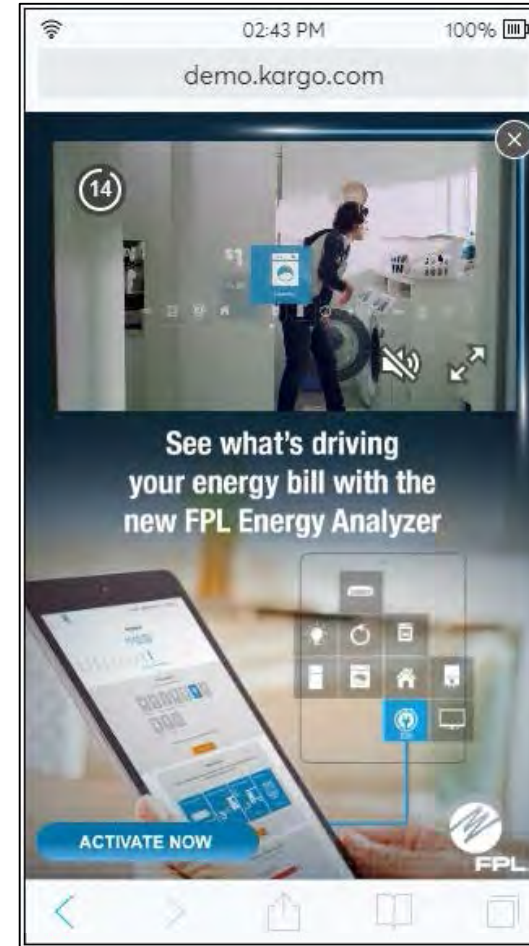
FPL

Don't forget to activate your FPL Energy Analyzer today!

ACTIVATE NOW

FPL

High Impact - Sidekick



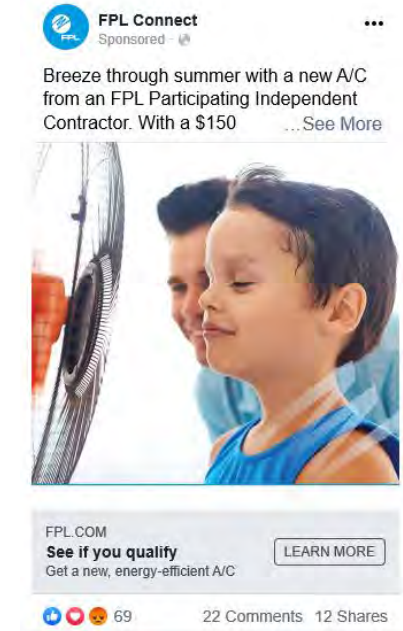
Residential A/C Social Assets



A/C Unit Static – V1



Couch Static - Ad Copy2



Fan Static - Ad Copy1

Residential A/C Social Assets

FPL Connect Sponsored

The holidays are heating up, but your house doesn't have to. With a \$150 instant rebate from FPL, ... See More



FPL.COM
See if you qualify to save \$150 [LEARN MORE](#)

2 1 Share

Like Comment Share

Holiday Dinner Video - V1

FPL Connect Sponsored

Don't sweat the holidays! With a new A/C from an FPL Participating Independent Contractor, you may qualify ... See More



FPL.COM
\$150 instant rebate on a new A/C [LEARN MORE](#)

1 1 Share

Like Comment Share

Holiday Kitchen Video - V1

FPL Connect Sponsored

Don't sweat it! With a new A/C from an FPL Participating Independent Contractor, you may qualify to save \$150 instantly.



FPL.COM
\$150 instant rebate on a new A/C [LEARN MORE](#)

66 13 Comments 19 Shares

Like Comment Share

Kitchen Static - Ad Copy2

Residential A/C Programmatic Assets

Save energy and money *your way*
FPL On Call®



up to
\$137/year

GET STARTED



Save energy and money *your way*
FPL On Call®



up to
\$137/year

GET STARTED



Save energy and money *your way*
FPL On Call®



up to
\$137/year

GET STARTED




Save energy and money *your way*
FPL On Call®
up to **\$137/year**

GET STARTED



Save energy and money *your way*
FPL On Call®
up to **\$137/year**

GET STARTED



Residential A/C Search Assets

Mobile

Save on a New AC Unit | FPL AC Rebate | Learn More Today

Ad www.fpl.com/residential/AC

Homeowners May Qualify For a \$150 rebate on a New AC Unit. Act Now for Savings! Min. SEER Rating of 16/17. Improve Energy Efficiency. Instant Savings.

Desktop

Save on a New AC Unit | FPL AC Rebate | Learn More Today

Ad www.fpl.com/residential/AC

Homeowners May Qualify For a \$150 rebate on a New AC Unit. Act Now for Savings!
Min. SEER Rating of 16/17 · Improve Energy Efficiency · Instant Savings

ECCR Residential Assets Cont.



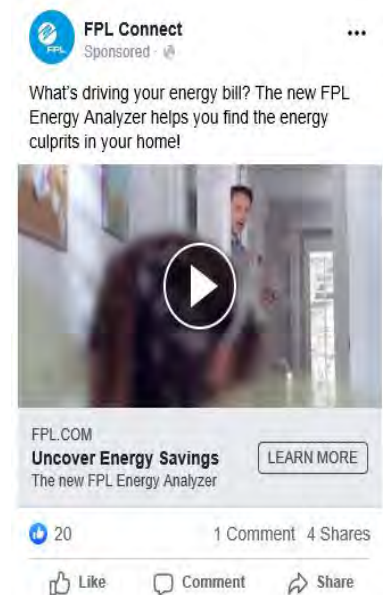
Singles Static



Ice Princess Static



Ice Princess Static V2

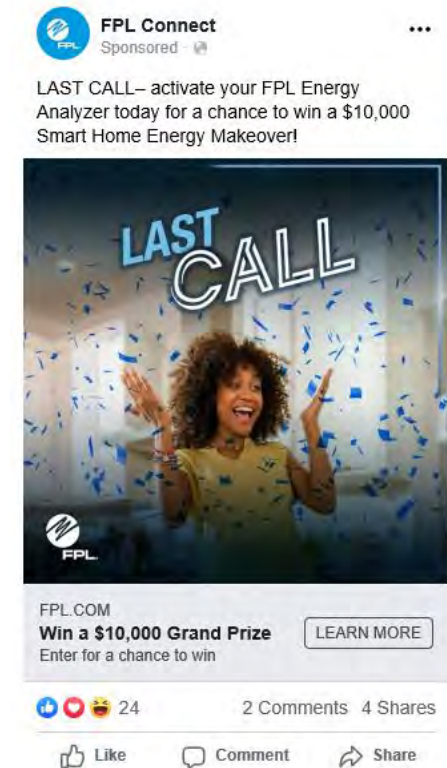


Ice Princess Video

ECCR Residential Assets Cont.



Sweeps Weekly Prizes Static



Sweeps Last Chance Static

ECCR Residential Assets Cont.

FPL Connect
Sponsored

Learn how to save energy and money with the new FPL Energy Analyzer and be entered to win a \$10,000 Smart Home Energy Makeover!

\$10,000
Smart Home Energy
MAKEOVER

FPL.COM
Save and win big!
Win a \$10,000 Grand Prize

LEARN MORE

Like Comment Share

Sweeps Announcement – Static

FPL Connect
Sponsored

Ever wonder how your energy use compares to similar homes? Don't forget to activate the FPL Energy Analyzer to see how!

Do you know how your energy use compares to similar homes?

FPL.COM
NEW FPL Energy Analyzer
Compare and save!

LEARN MORE

Like Comment Share

Retargeting - Static – RTG

FPL Connect
Sponsored

Don't forget to activate the new FPL Energy Analyzer to instantly see an itemized breakdown of your energy costs. ... See More

FPL.COM
Get Started Now
The new FPL Energy Analyzer

LEARN MORE

191 45 Comments 42 Shares

Like Comment Share

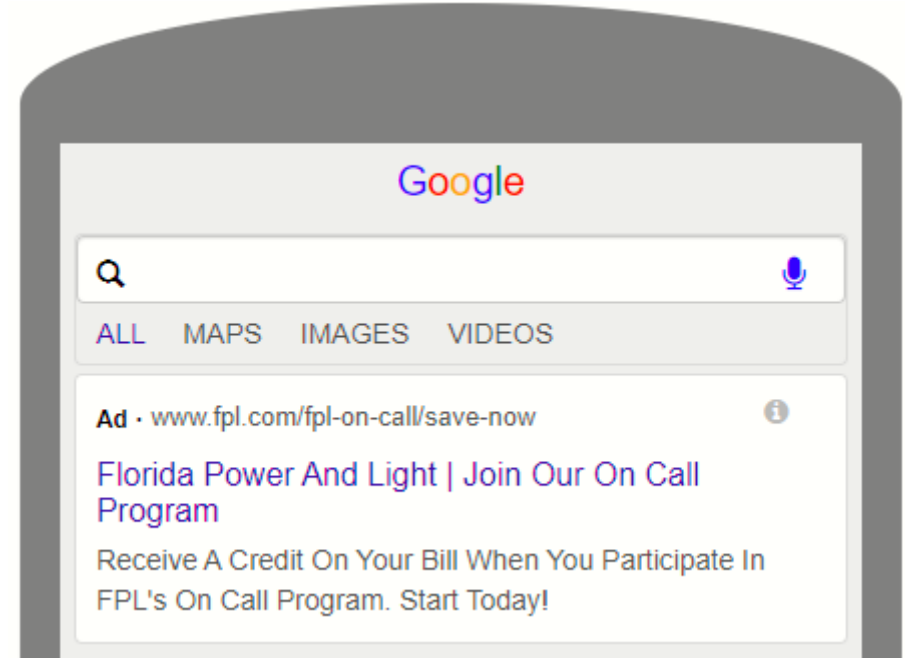
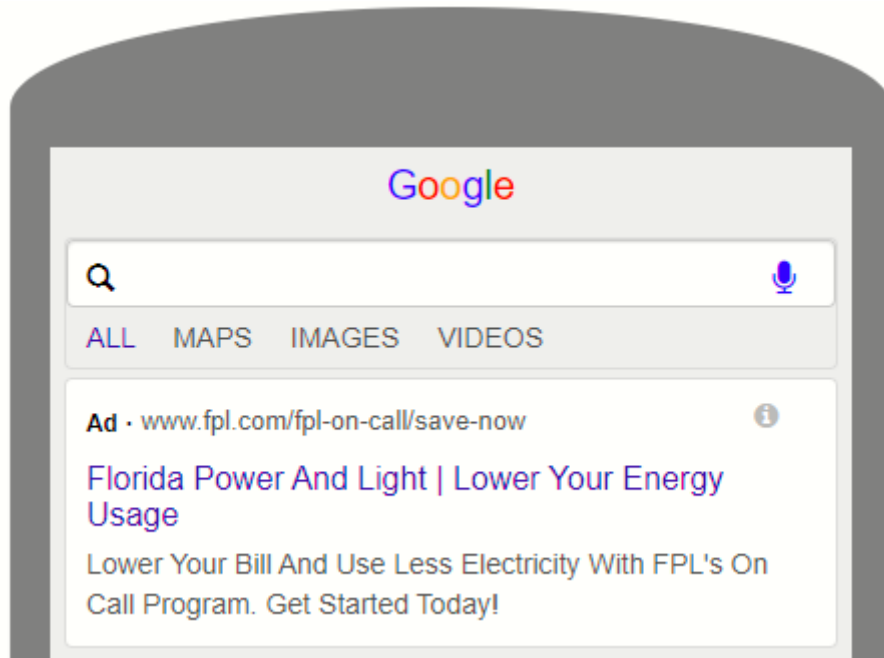
Control - Static – RTG

On Call Social Assets



On-Call DCO – Static
10/31-12/8
Invoice # DG11-054832

On Call Search Assets



CLIENT	FPL	DATE	July 11, 2017
PROJECT	Sweeps / RCS / BEE	LENGTH	:30 & :15

BEE TV :30

There's something smart helping business owners become energy-saving experts.

Now, you can see how your energy use changes over time...

... and with the new FPL mobile app, you can view your projected bill before it's due...

...and then go online to find new ways to save...

...by scheduling a free, in-person Business Energy Evaluation.

Schedule your evaluation today at FPL.com/BizEasyToSave...

...and see how our smart tools can help you save up to \$500 a year.

BEE TV :15

There's something smart helping business owners become energy-saving experts.

With FPL smart tools and the new FPL mobile app, you can find new ways to save.

Schedule a free Business Energy Evaluation today...

...to see how you can save up to \$500 a year.

BRAND	FPL	DATE	August 16, 2018
CONVERSATION	Sweepstakes TV & Radio		

SWEEPS TV :30

VO: There's a new voice that's helping Floridians everywhere beat the heat.

CUSTOMER: Alexa, ask FPL—how can I lower my FPL bill?

ALEXA: Set your air conditioner to 78 degrees.

VO: Become an energy expert with the Online Home Energy Survey...and get your chance to win a ten-thousand-dollar smart home energy makeover, with energy-efficient upgrades for your home.

CUSTOMER: Who's the energy saving expert now?

ALEXA: Well, that would be you.

VO: For your chance to win, go to FPL.com/BeatTheHeat.

SWEEPS TV :15

There's a new voice that's helping Floridians everywhere beat the heat.

Become an energy expert with the Online Home Energy Survey...

and get your chance to win a \$10,000 smart home energy makeover.

For your chance to win, visit FPL.com/BeatTheHeat

CLIENT	FPL	DATE	August 21, 2018
PROJECT	Sweeps	COPYWRITER	E. Franco
SCRIPT TITLE	Sweeps Spanish	JOB	
LENGTH	15	ISCI	

SP A Sweeps :15

¡Hazte un experto en ahorro de energía con el Estudio Online Residencial de FPL! Participa y podrás ganar una renovación de tecnología inteligente para tu hogar valorada en \$10,000.

Aprende más en FPL.com/GanaleAlCalor

BRAND	FPL	DATE	July 10, 2019
CONVERSATION	ECCR	CCODER	Raul Rovira
TITLE	Ice Princess TV	JOB NUMBER	FPL-1582
LENGTH	:30, :15,	ISCI	TBD

TV

ICE PRINCESS :15 TV

¿Sabes qué causa los cargos en tu cuenta de electricidad?
Cuando hace calor afuera, se necesita aun más energía para mantenerte fresco adentro.
No te acalores. Mantente fresco y baja tu cuenta.
Activa el Analizador de Energía de FPL en FPL.com/TomaControl.

BRAND	FPL	DATE	July 10, 2019
CONVERSATION	ECCR	CCODER	Raul Rovira
TITLE	Tech That Saves TV	JOB NUMBER	FPL-1582
LENGTH	:30, :15,	ISCI	TBD

TV

ECCR—TECH THAT SAVES :30 TV

¿Cuál es el costo real de lavar la ropa?

De mantenerte fresco...

¿o de encender las luces?

La respuesta la tiene el nuevo Analizador de energía de FPL.

Energizado por la red más inteligente en la nación,

te ofrece un reporte detallado de tu consumo de electricidad para que puedas ver qué causa los cargos en tu cuenta.

Aprende mas sobre el consumo electrico en tu hogar al activar en Analizador de energia de FPL en FPL.com/TomaControl.

TECH THAT SAVES :15 TV

¿Cuál es el costo real de lavar la ropa?

De mantenerte fresco...

¿o de encender las luces?

Descúbrelo con el nuevo Analizador de energía de FPL

Aprende mas sobre el consumo electrico en tu hogar

Y como ahorrar en FPL.com/TomaControl.

BRAND	FPL	DATE	July 10, 2019
CONVERSATION	ECCR	CCODER	Raul Rovira
TITLE	Tech That Saves TV & Radio Spanish	JOB NUMBER	FPL-1582
LENGTH	:30, :15, :10, :05	ISCI	TBD

TV

ECCR—TECH THAT SAVES :30 TV

What does it really cost to keep the laundry going?

To stay cool?

To keep the lights on?

Find out with the new FPL Energy Analyzer.

Powered by America’s most intelligent grid, it gives you a complete breakdown of your energy use, so you can see what’s driving your bill.

Learn more about how your home uses energy when you activate your FPL Energy Analyzer at FPL.com/TakeControl

TECH THAT SAVES :15 TV

What does it really cost to keep the laundry going?

To stay cool?

To keep the lights on?

Find out with the new FPL Energy Analyzer.

See how your home uses energy, and how you can save, at FPL.com/TakeControl

ICE PRINCESS :15 TV

Do you know what’s driving your energy bill?

When it’s hot outside, it takes even more energy to keep you cool inside.

See how you can stay cool and keep your bill low.

Activate your FPL Energy Analyzer at FPL.com/TakeControl.

BRAND	FPL	DATE	July 10, 2019
CONVERSATION	ECCR	CCODER	Raul Rovira
TITLE	Tech That Saves Radio English	JOB NUMBER	FPL-1582
LENGTH	:30, :15, :10, :05	ISCI	TBD

RADIO

TECH THAT SAVES :30 RADIO

How much do you spend on energy to get the laundry done?

To stay cool?

And to keep the lights on?

Find out with the new FPL Energy Analyzer.

Powered by America's most intelligent grid,

it gives you a complete breakdown of your energy use,

so you can see what's driving your bill.

Learn more about how your home uses energy

when you activate your FPL energy analyzer at FPL.com/TakeControl.

TECH THAT SAVES :15 RADIO

How much do you spend on energy to get the laundry done?

To stay cool?

And to keep the lights on?

Find out with the new FPL Energy Analyzer.

See how your home uses energy,

and how you can save at FPL.com/TakeControl.

CLIENT

FPL- ECCR SCRIPT

DATE

6/2/19

TALE OF PAM AND SAM : 30

Do you know how your energy use compares to similar homes?

Neighbors Pam and Sam do.

Over at Pam's house, they like to stay cool, especially at nap time.

While at Sam's house, they leave everything plugged in, everywhere all the time.

Now, with the new FPL Energy Analyzer,

Pam and Sam can compare their family's energy use to homes like theirs,

and find personalized ways to save energy and money.

See how your home compares.

Activate your FPL Energy Analyzer today!

TALE OF PAM AND SAM : 15

Do you know how your energy use compares to similar homes?

Neighbors Pam and Sam do.

They use the FPL Energy Analyzer to compare their family's energy use to homes like theirs, and find ways to save.

Activate your FPL Energy Analyzer today!

"ICE PRINCESS" THERMOSTAT : 15

Do you know what's driving your energy bill?

When it's hot outside, it takes even more energy to keep you cool inside.

See how you can stay cool and keep your bill low.

Activate your FPL Energy Analyzer at FPL.com/TakeControl.

BRAND	FPL	DATE	July 10, 2019
CONVERSATION	ECCR	CCODER	Raul Rovira
TITLE	Tech That Saves Radio Spanish	JOB NUMBER	FPL-1582
LENGTH	:30, :15,	ISCI	TBD

RADIO

TECH THAT SAVES :30 RADIO

¿Cuál es el costo real de lavar la ropa?

De mantenerte fresco...

¿o de encender las luces?

Encuentra las respuestas con el nuevo Analizador de energía de FPL.

Energizado por la red más inteligente en la nación,

te ofrece un reporte detallado de tu consumo de electricidad,

para que puedas ver qué causa los cargos en tu cuenta.

Aprende mas sobre el consumo electrico en tu hogar cuando activas el analizador de energia de FPL en FPL.com/TakeControl.

TECH THAT SAVES :15 RADIO

¿Cuál es el costo real de lavar la ropa?

De mantenerte fresco...

¿o de encender las luces?

Enterate con el nuevo Analizador de energía de FPL

Aprende mas sobre el consumo electrico en tu hogar y como ahorrar en FPL.com/TakeControl.

BRAND	FPL	DATE	July 10, 2019
CONVERSATION	ECCR	CCODER	Raul Rovira
TITLE	Tech That Saves TV	JOB NUMBER	FPL-1582
LENGTH	:30, :15,	ISCI	TBD

TV

PAM AND SAM RADIO :30

Do you know how your energy use compares to similar homes?
 Neighbors Pam and Sam do.
 Over at Pam's house, they like to stay cool, especially at naptime.
 While at Sam's house, they leave everything plugged in everywhere, all the time.
 Now, with the new FPL Energy Analyzer, Pam and Sam can compare their families' energy use to homes like theirs, and find personalized ways to save energy and money.
 See how your home compares.
 Activate your FPL Energy Analyzer at FPL.com/TakeControl

PAM AND SAM :15 RADIO

Do you know how your energy use compares to similar homes?
 Now, with the new FPL Energy Analyzer,
 you can compare your family's energy use to homes like yours,
 and find personalized ways to save!
 Go to FPL.com/TakeControl

BRAND	FPL	DATE	September 3, 2019
CONVERSATION	ECCR		

ORIGINAL

BEE PBS TV

How does an intelligent grid help save energy for your business?

Find out with the new FPL Business Energy Manager.

Now you can see what's driving your energy use across locations and accounts, so you can find new customized ways to save.

More information is available for all business owners at [FPL dot com slash business energy manager](http://FPLdotcomslashbusinessenergymanager).

BRAND	FPL	DATE	December 10, 2019
CONVERSATION	ECCR Holidays 2019	CCODER	Colleen Fallon, Raul Rovira
TITLE	ECCR Holiday 2019 TV	JOB NUMBER	FPL-1597
LENGTH	30, 15	ISCI	TBD

HOLIDAY TECH THAT SAVES TV / RADIO : 30

La navidad es una época mágica...

...donde toda la familia se reúne

bajo un mismo techo llenándolo de energía

—y es el momento perfecto para revisar tu Analizador de Energía de FPL.

Desde más tandas de ropa para lavar, hasta esas lucecitas brillantes...

encuentra nuevas formas de disfrutar esta época de fiestas—

—sin subir los cargos en tu cuenta.

¡Ahorra energía y dinero mientras celebras! Activa tu Analizador de energía de FPL hoy en

FPL.com/TomaControl

HOLIDAY ICE PRINCESS TV / RADIO : 15

¿Quieres ahorrar durante las fiestas?

Descubre consejos mágicos que te ayudaran a ahorrar energía mientras celebras...

y mantienes tus cuentas bajas.

Activa tu Analizador de Energía de FPL hoy en FPL.com/TomaControl

BRAND	FPL	DATE	12/6/19
CONVERSATION	ECCR Holiday Refresh	BRAND LEAD	J. Chacon, M. Cowan
ACCOUNT CCODER LEAD	J. Espinosa, S. Pastrana, L. Garcia, J. Joseph		

ECCR HOLIDAY REFRESH

The holidays are a time for magic ...
 ...when the whole family comes together...
 and the entire house is filled with energy...
 —which makes it the perfect time to check in with your FPL Energy Analyzer.
 From the extra loads of laundry to turning on those living lights...
 ...you can find new ways to make the holidays sparkle
 —without driving up your bill.
 'Tis the season to save energy and money!
 Activate your FPL Energy Analyzer today at FPL.com/TakeControl.

HOLIDAY CELEBRATION

Looking to save for the holidays?
 Discover the magic of energy saving tips
 that keep spirits bright and bills low.
 Activate your FPL Energy Analyzer today at FPL.com/TakeControl.

TABLE OF CONTENTS

<u>Schedule</u>	<u>Sponsored By</u>
C-1, Pages 2-4	Renae B. Deaton
C-2, Pages 5-6	Anita Sharma
C-2, Pages 7-11	Renae B. Deaton
C-3, Pages 12-13	Anita Sharma
C-3, Pages 14-22	Renae B. Deaton
C-3, Page 23	Anita Sharma
C-3, Pages 24-25	Renae B. Deaton
C-4, Page 26	Renae B. Deaton
C-5, Pages 27 - 30	Anita Sharma

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20200002-EG EXHIBIT: 5
PARTY: AS-2
DESCRIPTION: Schedule C-1 and C-4

FLORIDA POWER LIGHT COMPANY
ENERGY CONSERVATION COST RECOVERY CLAUSE
SUMMARY OF ECCR CALCULATION

SCHEDULE C-1

ESTIMATED FOR THE PERIOD OF : JANUARY 2021 THROUGH DECEMBER 2021

SUMMARY CALCULATION	Total
1. Projected Costs (Schedule C-2, pg 6, line 17)	\$162,904,787
2. True-up Over/(Under) Recoveries (Schedule C-3, pg 24, line 9)	\$4,276,518
3. Subtotal (line (1) minus (line 2))	\$158,628,269
4. Less Load Management Incentives Not Subject To Revenue Taxes ^(b)	\$106,901,459
5. Project Costs Subject To Revenue Taxes (line 3 minus line 4)	\$51,726,810
6. Revenue Tax Multiplier	1.00072
7. Subtotal (line 5 * line 6)	\$51,764,053
8. Total Recoverable Costs (line 7+ line 4)	\$158,665,512
9. Total Cost	\$158,665,512
10. Energy Related Costs	\$36,524,801
11. Demand-Related Costs (total)	\$122,140,712
12. Demand costs allocated on 12 CP (Line 11/13 * 12)	\$112,745,272
13. Demand Costs allocated on 1/13 th (Line 11/13)	\$9,395,439

^(b) Schedule C-2, Page 5, Rebates Column, Program Nos. 3,7,10,11

Costs are split in proportion to the current period split of demand-related (76.98%) and energy-related (23.02%) costs. The allocation of ECCR between demand and energy is shown on schedule C-2, page 5, and is consistent with methodology set forth in Order No. PSC-93-1845-FOF-EG.

Note: Totals may not add due to rounding.

FLORIDA POWER LIGHT COMPANY
ENERGY CONSERVATION COST RECOVERY CLAUSE
CALCULATION OF ENERGY DEMAND ALLOCATION % BY RATE CLASS

SCHEDULE C-1

ESTIMATED FOR THE PERIOD OF : JANUARY 2021 THROUGH DECEMBER 2021									
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
RATE CLASS SUMMARY	AVG 12CP Load Factor at Meter (%) ⁽¹⁾	Projected Sales at Meter (kwh) ⁽²⁾	Projected AVG 12CP at Meter (kW) ⁽³⁾	Demand Loss Expansion Factor ⁽⁴⁾	Energy Loss Expansion Factor ⁽⁵⁾	Projected Sales at Generation (kwh) ⁽⁶⁾	Projected AVG 12CP at Generation (kW) ⁽⁷⁾	Percentage of Sales at Generation (%) ⁽⁸⁾	Percentage of Demand at Generation (%) ⁽⁹⁾
RS1/RTR1	61.756%	59,729,073,564	11,040,784	1.06227433	1.04681581	62,525,338,523	11,728,341	53.46670%	57.14078%
GS1/GST1	61.000%	6,506,168,667	1,217,559	1.06227433	1.04681581	6,810,760,223	1,293,382	5.82402%	6.30139%
GSD1/GSI	70.568%	27,339,372,990	4,422,592	1.06219494	1.04675521	28,617,631,115	4,697,655	24.47152%	22.88709%
OS2	154.701%	9,166,365	676	1.03727996	1.02815396	9,424,434	702	0.00806%	0.00342%
GSLD1/GS	69.605%	10,202,110,568	1,673,190	1.06138651	1.04617543	10,673,197,410	1,775,902	9.12687%	8.65224%
GSLD2/GS	84.453%	2,700,592,177	365,038	1.05234833	1.03941858	2,807,045,686	384,147	2.40036%	1.87157%
GSLD3/GS	83.597%	259,242,549	35,401	1.02222729	1.01685659	263,612,494	36,188	0.22542%	0.17631%
SST1T	84.075%	92,787,905	12,598	1.02222729	1.01685659	94,351,993	12,879	0.08068%	0.06274%
SST1D1/S	52.653%	1,849,941	401	1.04514716	1.03665634	1,917,753	419	0.00164%	0.00204%
CILC D/CIL	85.444%	2,739,981,680	366,067	1.05216077	1.03935565	2,847,815,440	385,161	2.43523%	1.87651%
CILC T	93.078%	1,470,591,289	180,360	1.02222729	1.01685659	1,495,380,443	184,369	1.27873%	0.89825%
MET	76.794%	80,325,996	11,941	1.03727996	1.02815396	82,587,491	12,386	0.07062%	0.06034%
OL1/SL1/S	13,844.128%	575,951,839	475	1.06227433	1.04681581	602,915,491	504	0.51557%	0.00246%
SL2/SL2M/	96.257%	105,664,172	12,531	1.06227433	1.04681581	110,610,926	13,312	0.09459%	0.06485%
Total		111,812,879,702	19,339,613			116,942,589,424	20,525,345	100.00000%	100.00000%

⁽¹⁾ AVG 12 CP load factor based on 2017-2019 load research data and 2021 projections

⁽²⁾ Projected kwh sales for the period January 2021 through December 2021

⁽³⁾ Calculated Col (3)/(8760 hours * Col (2), 8760 = annual hours

⁽⁴⁾ Based on 2021 demand losses

⁽⁵⁾ Based on 2021 energy losses

⁽⁶⁾ Col (3)* Col (6)

⁽⁷⁾ Col(4) * Col(5)

⁽⁸⁾ Col (7) / total for Col (7)

⁽⁹⁾ Col (8) / total for Col (8)

Note: Totals may not add due to rounding.

FLORIDA POWER LIGHT COMPANY
 ENERGY CONSERVATION COST RECOVERY CLAUSE
 CALCULATION OF ENERGY CONSERVATION FACTORS

SCHEDULE C-1

ESTIMATED FOR THE PERIOD OF : JANUARY 2021 THROUGH DECEMBER 2021													
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
RATE CLASS SUMMARY	Percentage of Sales at Generation (%) ⁽¹⁾	Percentage of Demand at Generation (%) ⁽²⁾	Demand Costs Allocated on 12CP ⁽³⁾	Demand Costs Allocated on 1/13th ⁽⁴⁾	Energy Allocation (\$) ⁽⁵⁾	Total Recoverable Costs (\$) ⁽⁶⁾	Projected Sales at Meter (kwh) (factors) ⁽⁷⁾	Billing KW Load Factor (%) ⁽⁸⁾	Projected Billed KW at Meter (kw) ⁽⁹⁾⁽¹⁰⁾	Conservation Recovery Factor (\$/kw) ⁽¹⁰⁾	Conservation Recovery Factor (\$/kwh)	RDC (\$/KW) ⁽¹¹⁾	SDD (\$/KW) ⁽¹²⁾
RS1/RTR1	53.46670%	57.14078%	64,423,523	5,023,431	19,528,604	88,975,558	59,729,073,564				0.00149		
GS1/GST1	5.82402%	6.30139%	7,104,516	547,192	2,127,212	9,778,921	6,506,168,667				0.00150		
GSD1/GSDT1/HLFT1/GSD1-EV	24.47152%	22.88709%	25,804,115	2,299,207	8,938,175	37,041,497	27,339,372,990	51.93294%	72,114,537	0.51			
OS2	0.00806%	0.00342%	3,854	757	2,944	7,555	9,166,365				0.00082		
GSLD1/GSLDT1/CS1/CST1/HLFT2/GSLD1-EV	9.12687%	8.65224%	9,754,989	857,509	3,333,571	13,946,069	10,202,110,568	57.38509%	24,353,877	0.57			
GSLD2/GSLDT2/CS2/CST2/HLFT3	2.40036%	1.87157%	2,110,111	225,525	876,728	3,212,363	2,700,592,177	66.01952%	5,603,557	0.57			
GSLD3/GSLDT3/CS3/CST3	0.22542%	0.17631%	198,778	21,179	82,334	302,291	259,242,549	68.80148%	516,162	0.59			
SST1T	0.08068%	0.06274%	70,741	7,580	29,469	107,791	92,787,905	14.79189%	859,300			\$0.07	\$0.03
SST1D1/SST1D2/SST1D3	0.00164%	0.00204%	2,303	154	599	3,056	1,849,941	11.92716%	21,247			\$0.07	\$0.03
CILC D/CILC G	2.43523%	1.87651%	2,115,680	228,800	889,461	3,233,941	2,739,981,680	71.04120%	5,283,413	0.61			
CILC T	1.27873%	0.89825%	1,012,736	120,142	467,054	1,599,932	1,470,591,289	75.77028%	2,658,705	0.60			
MET	0.07062%	0.06034%	68,035	6,635	25,795	100,465	80,325,996	55.87377%	196,936	0.51			
OL1/SL1/SL1M/PL1	0.51557%	0.00246%	2,771	48,440	188,309	239,520	575,951,839				0.00042		
SL2/SL2M/GSCU1	0.09459%	0.06485%	73,120	8,887	34,547	116,554	105,664,172				0.00110		
Total			112,745,272	9,395,439	36,524,801	158,665,512	111,812,879,702		111,607,733				

⁽¹⁾ Obtained from Schedule C-1, page 3, col (9)

⁽²⁾ Obtained from Schedule C-1, page 3, col (10)

⁽³⁾ Total from C-1, page 2, line 12 x col (3)

⁽⁴⁾ Total from C-1, page 2, line 13 X col (2)

⁽⁵⁾ Total from C-1, page 2, line 10 X col (2)

⁽⁶⁾ Total Recoverable Costs col (4) + (5) + (6)

⁽⁷⁾ Projected kWh sales for the period January 2021 through December 2021, from C-1, page 3, total of column 3

⁽⁸⁾ Based on 2017-2019 load research data and 2021 projections

⁽⁹⁾ Col (8)/(col (9)*730)

⁽¹⁰⁾ Col (7) / col(10)

⁽¹¹⁾ Col (7) / col (8)

⁽¹²⁾ (C-1 pg 4, total col (7) / C-1, pg 3, total col (8) x .10 x C-1, pg 3, col (6))/12

⁽¹³⁾ ((C-1 pg 4, total col (7) / C-1, pg 3, total col (8)) / 21 x C-1, pg 3, col (6))/12

FLORIDA POWER LIGHT COMPANY
ENERGY CONSERVATION COST RECOVERY CLAUSE
CALCULATION OF ENERGY CONSERVATION COST RECOVERY REVENUES

SCHEDULE C-4

JANUARY THROUGH JUNE 2020 ACTUAL : JULY THROUGH DECEMBER 2020 ESTIMATED

MONTH	Projected Sales at Meter (kWh)	Conservation Clause Revenues (Net of Revenue Taxes)
January Actual	8,171,566,237	10,720,506
February Actual	7,512,483,753	10,153,296
March Actual	7,875,964,458	10,623,715
April Actual	9,182,676,725	12,156,115
May Actual	9,179,513,583	12,156,715
June Actual	10,172,896,382	13,278,230
July Estimated	10,822,490,806	14,275,402
August Estimated	11,189,186,649	14,759,092
September Estimated	10,797,614,351	14,242,589
October Estimated	9,866,490,936	13,014,391
November Estimated	8,805,244,544	11,614,554
December Estimated	7,959,024,047	10,498,347
Total	111,535,152,471	147,492,953

Note: Totals may not add due to rounding.

FLORIDA POWER AND LIGHT COMPANY
ENERGY CONSERVATION COST RECOVERY CLAUSE
CONSERVATION PROGRAM COSTS BY CATEGORY

SCHEDULE C-2

ESTIMATED FOR THE PERIOD OF : JANUARY 2021 THROUGH DECEMBER 2021

Line No.	CONSERVATION PROGRAMS									TOTAL PROGRAM EXPENSES
		Depreciation & Return	Payroll & Benefits	Materials & Supplies	Outside Services	Advertising	Rebates	Vehicles	Other	
1	RESIDENTIAL HOME ENERGY SURVEY	\$567,061	\$3,538,040	\$7,536	\$1,521,807	\$6,873,977	\$0	\$191,400	\$905,450	\$13,605,270
2	RESIDENTIAL CEILING INSULATION	\$0	\$85,297	\$0	\$0	\$0	\$788,500	\$0	\$18,778	\$892,576
3	RESIDENTIAL LOAD MANAGEMENT ("ON CALL")	\$8,179,450	\$1,758,597	\$202,021	\$3,888,182	\$0	\$29,418,997	\$55,462	(\$1,614,244)	\$41,888,465
4	RESIDENTIAL AIR CONDITIONING	\$0	\$263,194	\$0	\$3,451	\$0	\$3,314,850	\$8,700	\$71,358	\$3,661,554
5	RESIDENTIAL NEW CONSTRUCTION (BUILDSMART®)	\$0	\$437,610	\$0	\$39,679	\$0	\$17,635	\$0	\$59,452	\$554,376
6	RESIDENTIAL LOW-INCOME	\$0	\$444,392	\$1,177	\$25,000	\$0	\$480,000	\$26,100	\$25,304	\$1,001,974
7	BUSINESS ON CALL	\$361,273	\$26,323	\$0	\$14,697	\$0	\$2,967,413	\$0	\$8,770	\$3,378,475
8	COGENERATION & SMALL POWER PRODUCTION	\$0	\$286,617	\$0	\$5,324	\$0	\$0	\$0	(\$258,923)	\$33,018
9	BUSINESS LIGHTING	\$0	\$163,414	\$0	\$0	\$0	\$320,000	\$0	\$9,300	\$492,713
10	COMMERCIAL/INDUSTRIAL LOAD CONTROL	\$0	\$243,549	\$434	\$1,879	\$0	\$45,251,817	\$603	\$24,313	\$45,522,597
11	COMMERCIAL/INDUSTRIAL DEMAND REDUCTION	\$0	\$334,503	\$0	\$1,926	\$0	\$29,263,232	\$618	\$68,771	\$29,669,051
12	BUSINESS ENERGY EVALUATION	\$930,115	\$3,438,274	\$13,787	\$668,456	\$1,751,602	\$0	\$204,066	\$892,077	\$7,898,377
13	BUSINESS HEATING, VENTILATING & A/C	\$0	\$396,754	\$0	\$0	\$0	\$6,626,812	\$0	\$26,130	\$7,049,696
14	BUSINESS CUSTOM INCENTIVE	\$0	\$8,001	\$0	\$0	\$0	\$20,600	\$0	\$2,290	\$30,890
15	CONSERVATION RESEARCH & DEVELOPMENT	\$0	\$50,789	\$0	\$750,000	\$0	\$0	\$0	\$5,560	\$806,350
16	COMMON EXPENSES	\$246,240	\$4,466,312	\$20,202	\$979,636	\$0	\$0	\$27,912	\$679,102	\$6,419,405
17	TOTAL	\$10,284,139	\$15,941,667	\$245,157	\$7,900,036	\$8,625,579	\$118,469,857	\$514,863	\$923,489	\$162,904,787

Note: Totals may not add due to rounding.

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20200002-EG EXHIBIT: 6
PARTY: AS-2 (6)
DESCRIPTION: Schedule C-2 and C-3

FLORIDA POWER LIGHT COMPANY
 ENERGY CONSERVATION COST RECOVERY CLAUSE
 CONSERVATION PROGRAM COSTS

SCHEDULE C-2

ESTIMATED FOR THE PERIOD OF : JANUARY 2021 THROUGH DECEMBER 2021

Line No.	CONSERVATION PROGRAMS	Method of Classification		Monthly Data												
		Energy	Demand	January Estimated	February Estimated	March Estimated	April Estimated	May Estimated	June Estimated	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Twelve Month Amount
1	RESIDENTIAL HOME ENERGY SURVEY	\$13,605,270		\$622,215	\$553,322	\$597,286	\$571,220	\$1,825,069	\$1,805,332	\$1,805,868	\$1,796,768	\$1,734,342	\$1,302,886	\$492,300	\$498,662	\$13,605,270
2	RESIDENTIAL CEILING INSULATION	\$892,576		\$42,534	\$23,750	\$88,424	\$42,672	\$92,827	\$81,330	\$83,039	\$121,035	\$94,976	\$102,037	\$52,708	\$67,244	\$892,576
3	RESIDENTIAL LOAD MANAGEMENT ("ON CALL")		\$41,888,465	\$2,575,567	\$2,974,908	\$2,983,400	\$3,934,370	\$3,818,318	\$3,953,668	\$3,935,161	\$3,962,359	\$3,816,746	\$4,279,338	\$2,819,486	\$2,835,144	\$41,888,465
4	RESIDENTIAL AIR CONDITIONING	\$3,661,554		\$216,039	\$184,305	\$340,634	\$351,421	\$307,408	\$389,371	\$466,671	\$363,621	\$323,421	\$314,308	\$260,921	\$143,434	\$3,661,554
5	RESIDENTIAL NEW CONSTRUCTION (BUILDSMART®)	\$554,376		\$41,316	\$49,274	\$45,631	\$43,283	\$51,615	\$43,881	\$43,624	\$44,664	\$55,831	\$45,971	\$44,193	\$45,093	\$554,376
6	RESIDENTIAL LOW-INCOME	\$1,001,974		\$84,935	\$75,942	\$91,959	\$86,590	\$78,600	\$81,727	\$87,693	\$81,383	\$83,443	\$85,207	\$81,383	\$83,112	\$1,001,974
7	BUSINESS ON CALL		\$3,378,475	\$35,229	\$36,449	\$35,121	\$454,454	\$457,884	\$456,711	\$458,905	\$463,432	\$459,912	\$448,779	\$36,229	\$35,370	\$3,378,475
8	COGENERATION & SMALL POWER PRODUCTION	\$33,018		\$4,722	\$3,347	\$7,251	\$6,149	\$5,182	\$6,149	\$6,194	\$6,239	\$6,103	\$5,182	\$6,194	(\$29,694)	\$33,018
9	BUSINESS LIGHTING	\$492,713		\$76,834	\$21,914	\$50,347	\$25,446	\$46,182	\$32,610	\$47,212	\$117,469	\$24,539	\$20,708	\$14,655	\$14,797	\$492,713
10	COMMERCIAL/INDUSTRIAL LOAD CONTROL		\$45,522,597	\$2,789,187	\$2,688,240	\$3,627,391	\$3,742,913	\$3,254,937	\$6,339,565	\$3,875,434	\$3,255,122	\$3,963,035	\$3,237,879	\$3,099,650	\$5,649,244	\$45,522,597
11	COMMERCIAL/INDUSTRIAL DEMAND REDUCTION		\$29,669,051	\$1,869,829	\$1,889,993	\$1,880,506	\$2,733,638	\$2,821,230	\$2,904,067	\$2,940,397	\$2,982,209	\$2,916,675	\$2,902,295	\$1,939,730	\$1,888,482	\$29,669,051
12	BUSINESS ENERGY EVALUATION	\$7,898,377		\$526,087	\$491,069	\$525,950	\$487,377	\$767,457	\$895,154	\$799,504	\$774,785	\$823,476	\$823,681	\$505,763	\$478,074	\$7,898,377
13	BUSINESS HEATING, VENTILATING & A/C	\$7,049,696		\$318,655	\$845,875	\$118,064	\$326,873	\$550,396	\$1,146,659	\$199,587	\$238,727	\$125,402	\$2,045,866	\$1,072,482	\$61,110	\$7,049,696
14	BUSINESS CUSTOM INCENTIVE	\$30,890		\$819	\$789	\$6,049	\$868	\$838	\$6,018	\$868	\$868	\$6,018	\$838	\$868	\$6,049	\$30,890
15	CONSERVATION RESEARCH & DEVELOPMENT	\$806,350		\$3,991	\$3,801	\$171,001	\$4,306	\$4,110	\$192,906	\$4,306	\$25,306	\$195,106	\$5,210	\$4,306	\$192,001	\$806,350
16	COMMON EXPENSES	\$1,477,905	\$4,941,500	\$453,068	\$464,716	\$743,618	\$504,021	\$481,899	\$537,258	\$514,872	\$499,703	\$528,220	\$541,356	\$564,634	\$586,040	\$6,419,405
17	TOTAL	\$37,504,699	\$125,400,088	\$9,661,027	\$10,307,694	\$11,312,632	\$13,315,601	\$14,563,952	\$18,872,406	\$15,269,335	\$14,733,690	\$15,157,245	\$16,161,541	\$10,995,502	\$12,554,162	\$162,904,787

Note: Totals may not add due to rounding.

FLORIDA POWER LIGHT COMPANY
ENERGY CONSERVATION COST RECOVERY CLAUSE
SCHEDULE OF CAPITAL INVESTMENT, DEPRECIATION RETURN

SCHEDULE C-2

ESTIMATED FOR THE PERIOD OF : JANUARY 2021 THROUGH DECEMBER 2021

BUSINESS ENERGY EVALUATION	Beginning of Period Amount	January Estimated	February Estimated	March Estimated	April Estimated	May Estimated	June Estimated	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Twelve Month Amount
1. Additions/Expenditures		\$0	\$0	\$2,258	\$2,258	\$2,258	\$2,258	\$2,258	\$2,258	\$2,258	\$2,258	\$2,258	\$5,682	\$26,000
2. Investment (Net of Retirements)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$26,000	N/A
3. Depreciation Base		<u>\$3,538,900</u>	<u>\$3,538,900</u>	<u>\$3,538,900</u>	<u>\$3,538,900</u>	<u>\$3,538,900</u>	<u>\$3,538,900</u>	<u>\$3,538,900</u>	<u>\$3,538,900</u>	<u>\$3,538,900</u>	<u>\$3,538,900</u>	<u>\$3,538,900</u>	<u>\$3,564,900</u>	<u>N/A</u>
4. Depreciation Expense ⁽¹⁾		<u>\$58,982</u>	<u>\$58,982</u>	<u>\$58,982</u>	<u>\$58,982</u>	<u>\$58,982</u>	<u>\$58,982</u>	<u>\$58,982</u>	<u>\$58,982</u>	<u>\$58,982</u>	<u>\$58,982</u>	<u>\$58,982</u>	<u>\$59,198</u>	<u>\$707,997</u>
5. Cumulative Investment (Line 3)	\$3,538,900	\$3,538,900	\$3,538,900	\$3,538,900	\$3,538,900	\$3,538,900	\$3,538,900	\$3,538,900	\$3,538,900	\$3,538,900	\$3,538,900	\$3,538,900	\$3,564,900	N/A
6. Less: Accumulated Depreciation	\$558,039	\$617,021	\$676,002	\$734,984	\$793,966	\$852,947	\$911,929	\$970,911	\$1,029,892	\$1,088,874	\$1,147,856	\$1,206,837	\$1,266,036	N/A
7. CWIP Balance Eligible for Return	\$129,744	\$129,744	\$129,744	\$132,001	\$134,259	\$136,517	\$138,774	\$141,032	\$143,289	\$145,547	\$147,805	\$150,062	\$129,744	N/A
8. Net Investment (Line 5-6+7)	<u>\$3,110,604</u>	<u>\$3,051,623</u>	<u>\$2,992,641</u>	<u>\$2,935,917</u>	<u>\$2,879,193</u>	<u>\$2,822,469</u>	<u>\$2,765,745</u>	<u>\$2,709,021</u>	<u>\$2,652,297</u>	<u>\$2,595,573</u>	<u>\$2,538,849</u>	<u>\$2,482,124</u>	<u>\$2,428,608</u>	<u>N/A</u>
9. Average Net Investment	\$3,081,114	\$3,022,132	\$2,964,279	\$2,907,555	\$2,850,831	\$2,794,107	\$2,737,383	\$2,680,659	\$2,623,935	\$2,567,211	\$2,510,487	\$2,455,366	N/A	N/A
10. Return on Average Net Investment														
a. Equity Component ⁽²⁾		\$13,157	\$12,905	\$12,658	\$12,416	\$12,174	\$11,931	\$11,689	\$11,447	\$11,205	\$10,962	\$10,720	\$10,485	\$141,748
b. Equity Component grossed up for taxes (Line 10a / 0.75478)		\$17,431	\$17,098	\$16,770	\$16,449	\$16,129	\$15,808	\$15,487	\$15,166	\$14,845	\$14,524	\$14,203	\$13,891	\$187,801
c. Debt Component ⁽³⁾		\$3,185	\$3,124	\$3,065	\$3,006	\$2,947	\$2,889	\$2,830	\$2,771	\$2,713	\$2,654	\$2,595	\$2,538	\$34,318
11. Total Return Requirements (Line 10b + 10c)		<u>\$20,617</u>	<u>\$20,222</u>	<u>\$19,835</u>	<u>\$19,455</u>	<u>\$19,076</u>	<u>\$18,696</u>	<u>\$18,317</u>	<u>\$17,937</u>	<u>\$17,558</u>	<u>\$17,178</u>	<u>\$16,798</u>	<u>\$16,430</u>	<u>\$222,119</u>
12. Total Depreciation & Return (Line 4 + 11)		<u>\$79,598</u>	<u>\$79,204</u>	<u>\$78,817</u>	<u>\$78,437</u>	<u>\$78,057</u>	<u>\$77,678</u>	<u>\$77,298</u>	<u>\$76,919</u>	<u>\$76,539</u>	<u>\$76,160</u>	<u>\$75,780</u>	<u>\$75,628</u>	<u>\$930,115</u>

⁽¹⁾ Depreciation expenses is based on the " Cradle-to-Grave" method accounting.

⁽²⁾ The Equity Component for Jan-Dec period is 5.1242% based on the 2021 Forecasted Surveillance Report and reflects a 10.55% return on equity.

⁽³⁾ The Debt Component for Jan-Dec is 1.2406% based on the 2021 Forecasted Surveillance Report.

FLORIDA POWER LIGHT COMPANY
ENERGY CONSERVATION COST RECOVERY CLAUSE
SCHEDULE OF CAPITAL INVESTMENT, DEPRECIATION RETURN

SCHEDULE C-2

ESTIMATED FOR THE PERIOD OF : JANUARY 2021 THROUGH DECEMBER 2021

COMMON EXPENSES	Beginning of Period Amount	January Estimated	February Estimated	March Estimated	April Estimated	May Estimated	June Estimated	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Twelve Month Amount
1. Additions/Expenditures		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2. Investment (Net of Retirements)		(\$1,094,115)	\$0	\$0	\$0	(\$341,589)	\$0	\$0	\$0	\$0	(\$121,962)	(\$473,153)	\$0	N/A
3. Depreciation Base		\$1,688,768	\$1,688,768	\$1,688,768	\$1,688,768	\$1,347,178	\$1,347,178	\$1,347,178	\$1,347,178	\$1,347,178	\$1,225,216	\$752,063	\$752,063	N/A
4. Depreciation Expense ⁽¹⁾		\$28,146	\$28,146	\$28,146	\$25,300	\$22,453	\$22,453	\$22,453	\$22,453	\$21,437	\$16,477	\$1,368	\$0	\$238,832
5. Cumulative Investment (Line 3)	\$2,782,882	\$1,688,768	\$1,688,768	\$1,688,768	\$1,688,768	\$1,347,178	\$1,347,178	\$1,347,178	\$1,347,178	\$1,347,178	\$1,225,216	\$752,063	\$752,063	N/A
6. Less: Accumulated Depreciation	\$2,544,050	\$1,478,082	\$1,506,228	\$1,534,374	\$1,559,674	\$1,240,538	\$1,262,991	\$1,285,444	\$1,307,897	\$1,329,333	\$1,223,848	\$752,063	\$752,063	N/A
7. CWIP Balance Eligible for Return	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	N/A
8. Net Investment (Line 5-6+7)	\$238,832	\$210,686	\$182,540	\$154,393	\$129,094	\$106,641	\$84,188	\$61,735	\$39,282	\$17,845	\$1,368	\$0	\$0	N/A
9. Average Net Investment		\$224,759	\$196,613	\$168,466	\$141,744	\$117,867	\$95,414	\$72,961	\$50,508	\$28,564	\$9,607	\$684	\$0	N/A
10. Return on Average Net Investment														
a. Equity Component ⁽²⁾		\$960	\$840	\$719	\$605	\$503	\$407	\$312	\$216	\$122	\$41	\$3	\$0	\$4,728
b. Equity Component grossed up for taxes (Line 10a / 0.75478)		\$1,272	\$1,112	\$953	\$802	\$667	\$540	\$413	\$286	\$162	\$54	\$4	\$0	\$6,264
c. Debt Component ⁽³⁾		\$232	\$203	\$174	\$147	\$122	\$99	\$75	\$52	\$30	\$10	\$1	\$0	\$1,145
11. Total Return Requirements (Line 10b + 10c)		\$1,504	\$1,316	\$1,127	\$948	\$789	\$638	\$488	\$338	\$191	\$64	\$5	\$0	\$7,409
12. Total Depreciation & Return (Line 4 + 11)		\$29,650	\$29,462	\$29,273	\$26,248	\$23,242	\$23,091	\$22,941	\$22,791	\$21,628	\$16,542	\$1,373	\$0	\$246,240

⁽¹⁾ Depreciation expenses is based on the "Cradle-to-Grave" method of accounting.

⁽²⁾ The Equity Component for Jan-Dec period is 5.1242% based on the 2021 Forecasted Surveillance Report and reflects a 10.55% return on equity.

⁽³⁾ The Debt Component for Jan-Dec is 1.2406% based on the 2021 Forecasted Surveillance Report.

FLORIDA POWER LIGHT COMPANY
ENERGY CONSERVATION COST RECOVERY CLAUSE
SCHEDULE OF CAPITAL INVESTMENT, DEPRECIATION RETURN

SCHEDULE C-2

ESTIMATED FOR THE PERIOD OF : JANUARY 2021 THROUGH DECEMBER 2021

BUSINESS ON CALL	Beginning of Period Amount	January Estimated	February Estimated	March Estimated	April Estimated	May Estimated	June Estimated	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Twelve Month Amount
BUSINESS ON CALL														
1. Additions/Expenditures		\$64,001	\$36,699	\$36,818	\$29,171	\$41,600	\$29,171	\$29,171	\$29,171	\$51,404	\$29,137	\$29,171	\$34,432	\$439,945
2. Investment (Net of Retirements)		\$76,240	\$23,810	(\$315,484)	\$28,187	\$40,895	\$23,758	\$28,423	\$25,590	\$41,768	\$26,315	\$19,878	\$40,084	N/A
3. Depreciation Base		\$1,587,503	\$1,611,313	\$1,295,829	\$1,324,015	\$1,364,911	\$1,388,668	\$1,417,092	\$1,442,682	\$1,484,450	\$1,510,765	\$1,530,643	\$1,570,727	N/A
4. Depreciation Expense ⁽¹⁾		\$25,823	\$26,657	\$24,226	\$21,832	\$22,408	\$22,946	\$23,381	\$23,831	\$24,393	\$24,960	\$25,345	\$25,845	\$291,648
5. Cumulative Investment (Line 3)	\$1,511,264	\$1,587,503	\$1,611,313	\$1,295,829	\$1,324,015	\$1,364,911	\$1,388,668	\$1,417,092	\$1,442,682	\$1,484,450	\$1,510,765	\$1,530,643	\$1,570,727	N/A
6. Less: Accumulated Depreciation	\$757,459	\$783,146	\$797,575	\$464,100	\$485,695	\$508,102	\$526,383	\$549,765	\$570,763	\$586,267	\$609,119	\$625,919	\$645,474	N/A
7. CWIP Balance Eligible for Return	\$23,151	\$10,777	\$11,438	\$6,039	\$6,786	\$7,491	\$8,238	\$8,985	\$9,733	\$10,480	\$11,194	\$11,941	\$0	N/A
8. Net Investment (Line 5-6+7)	\$776,956	\$815,134	\$825,176	\$837,768	\$845,106	\$864,299	\$870,523	\$876,313	\$881,652	\$908,663	\$912,840	\$916,666	\$925,254	N/A
9. Average Net Investment		\$796,045	\$820,155	\$831,472	\$841,437	\$854,703	\$867,411	\$873,418	\$878,982	\$895,157	\$910,752	\$914,753	\$920,960	N/A
10. Return on Average Net Investment														
a. Equity Component ⁽²⁾		\$3,399	\$3,502	\$3,551	\$3,593	\$3,650	\$3,704	\$3,730	\$3,753	\$3,822	\$3,889	\$3,906	\$3,933	\$44,432
b. Equity Component grossed up for taxes (Line 10a / 0.75478)		\$4,504	\$4,640	\$4,704	\$4,760	\$4,835	\$4,907	\$4,941	\$4,973	\$5,064	\$5,153	\$5,175	\$5,210	\$58,868
c. Debt Component Component ⁽³⁾		\$823	\$848	\$860	\$870	\$884	\$897	\$903	\$909	\$925	\$942	\$946	\$952	\$10,757
11. Total Return Requirements (Line 10b + 10c)		\$5,327	\$5,488	\$5,564	\$5,630	\$5,719	\$5,804	\$5,844	\$5,882	\$5,990	\$6,094	\$6,121	\$6,162	\$69,625
12. Total Depreciation & Return (Line 4 + 11)		\$31,150	\$32,145	\$29,790	\$27,462	\$28,127	\$28,751	\$29,226	\$29,713	\$30,383	\$31,054	\$31,466	\$32,007	\$361,273

⁽¹⁾ Depreciation expenses is based on the "Cradle-to-Grave" method of accounting.

⁽²⁾ The Equity Component for Jan-Dec period is 5.1242% based on the 2021 Forecasted Surveillance Report and reflects a 10.55% return on equity.

⁽³⁾ The Debt Component for Jan-Dec is 1.2406% based on the 2021 Forecasted Surveillance Report.

FLORIDA POWER LIGHT COMPANY
ENERGY CONSERVATION COST RECOVERY CLAUSE
SCHEDULE OF CAPITAL INVESTMENT, DEPRECIATION RETURN

SCHEDULE C-2

ESTIMATED FOR THE PERIOD OF : JANUARY 2021 THROUGH DECEMBER 2021

RESIDENTIAL LOAD MANAGEMENT ("ON CALL")	Beginning of Period Amount	January Estimated	February Estimated	March Estimated	April Estimated	May Estimated	June Estimated	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Twelve Month Amount
1. Additions/Expenditures		\$1,449,027	\$830,879	\$833,588	\$660,446	\$941,855	\$660,446	\$660,446	\$660,446	\$1,163,815	\$659,690	\$660,446	\$779,573	\$9,960,654
2. Investment (Net of Retirements)		\$1,726,115	\$539,065	(\$7,142,768)	\$638,164	\$925,896	\$537,891	\$643,526	\$579,374	\$945,664	\$595,782	\$450,059	\$907,530	N/A
3. Depreciation Base		\$35,942,122	\$36,481,187	\$29,338,420	\$29,976,584	\$30,902,480	\$31,440,371	\$32,083,897	\$32,663,272	\$33,608,935	\$34,204,717	\$34,654,776	\$35,562,306	N/A
4. Depreciation Expense ⁽¹⁾		\$584,651	\$603,528	\$548,497	\$494,292	\$507,326	\$519,524	\$529,369	\$539,560	\$552,268	\$565,114	\$573,829	\$585,142	\$6,603,099
5. Cumulative Investment (Line 3)	\$34,216,008	\$35,942,122	\$36,481,187	\$29,338,420	\$29,976,584	\$30,902,480	\$31,440,371	\$32,083,897	\$32,663,272	\$33,608,935	\$34,204,717	\$34,654,776	\$35,562,306	N/A
6. Less: Accumulated Depreciation	\$17,149,364	\$17,730,954	\$18,057,635	\$10,507,521	\$10,996,451	\$11,503,776	\$11,917,665	\$12,447,034	\$12,922,442	\$13,273,478	\$13,790,848	\$14,171,209	\$14,613,953	N/A
7. CWIP Balance Eligible for Return	\$524,154	\$244,005	\$258,972	\$136,717	\$153,636	\$169,595	\$186,514	\$203,433	\$220,353	\$237,272	\$253,436	\$270,355	\$0	N/A
8. Net Investment (Line 5-6+7)	\$17,590,797	\$18,455,173	\$18,682,525	\$18,967,616	\$19,133,769	\$19,568,299	\$19,709,220	\$19,840,297	\$19,961,183	\$20,572,730	\$20,667,306	\$20,753,922	\$20,948,353	N/A
9. Average Net Investment		\$18,022,985	\$18,568,849	\$18,825,070	\$19,050,693	\$19,351,034	\$19,638,759	\$19,774,759	\$19,900,740	\$20,266,956	\$20,620,018	\$20,710,614	\$20,851,137	N/A
10. Return on Average Net Investment														
a. Equity Component ⁽²⁾		\$76,961	\$79,292	\$80,386	\$81,350	\$82,632	\$83,861	\$84,442	\$84,979	\$86,543	\$88,051	\$88,438	\$89,038	\$1,005,973
b. Equity Component grossed up for taxes (Line 10a / 0.75478)		\$101,965	\$105,053	\$106,503	\$107,779	\$109,478	\$111,106	\$111,875	\$112,588	\$114,660	\$116,657	\$117,170	\$117,965	\$1,332,799
c. Debt Component Component ⁽³⁾		\$18,633	\$19,197	\$19,462	\$19,695	\$20,006	\$20,303	\$20,444	\$20,574	\$20,953	\$21,318	\$21,411	\$21,557	\$243,552
11. Total Return Requirements (Line 10b + 10c)		\$120,598	\$124,250	\$125,965	\$127,474	\$129,484	\$131,409	\$132,319	\$133,162	\$135,613	\$137,975	\$138,581	\$139,522	\$1,576,352
12. Total Depreciation & Return (Line 4 + 11)		\$705,249	\$727,778	\$674,461	\$621,766	\$636,809	\$650,933	\$661,688	\$672,722	\$687,881	\$703,089	\$712,410	\$724,664	\$8,179,450

⁽¹⁾ Depreciation expenses is based on the "Cradle-to-Grave" method of accounting.

⁽²⁾ The Equity Component for Jan-Dec period is 5.1242% based on the 2021 Forecasted Surveillance Report and reflects a 10.55% return on equity.

⁽³⁾ The Debt Component for Jan-Dec is 1.2406% based on the 2021 Forecasted Surveillance Report.

FLORIDA POWER LIGHT COMPANY
ENERGY CONSERVATION COST RECOVERY CLAUSE
SCHEDULE OF CAPITAL INVESTMENT, DEPRECIATION RETURN

SCHEDULE C-2

ESTIMATED FOR THE PERIOD OF : JANUARY 2021 THROUGH DECEMBER 2021

RESIDENTIAL HOME ENERGY SURVEY	Beginning of Period Amount	January Estimated	February Estimated	March Estimated	April Estimated	May Estimated	June Estimated	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Twelve Month Amount
1. Additions/Expenditures		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2. Investment (Net of Retirements)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	N/A
3. Depreciation Base		\$2,309,543	\$2,309,543	\$2,309,543	\$2,309,543	\$2,309,543	\$2,309,543	\$2,309,543	\$2,309,543	\$2,309,543	\$2,309,543	\$2,309,543	\$2,309,543	N/A
4. Depreciation Expense ⁽¹⁾		\$38,496	\$38,496	\$38,496	\$38,496	\$38,496	\$38,496	\$38,496	\$38,496	\$38,496	\$38,496	\$38,496	\$38,496	\$461,953
5. Cumulative Investment (Line 3)	\$2,309,543	\$2,309,543	\$2,309,543	\$2,309,543	\$2,309,543	\$2,309,543	\$2,309,543	\$2,309,543	\$2,309,543	\$2,309,543	\$2,309,543	\$2,309,543	\$2,309,543	N/A
6. Less: Accumulated Depreciation	\$769,554	\$808,050	\$846,546	\$885,042	\$923,538	\$962,034	\$1,000,530	\$1,039,027	\$1,077,523	\$1,116,019	\$1,154,515	\$1,193,011	\$1,231,507	N/A
7. CWIP Balance Eligible for Return	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	N/A
8. Net Investment (Line 5-6+7)	\$1,539,989	\$1,501,493	\$1,462,997	\$1,424,501	\$1,386,005	\$1,347,509	\$1,309,013	\$1,270,517	\$1,232,020	\$1,193,524	\$1,155,028	\$1,116,532	\$1,078,036	N/A
9. Average Net Investment		\$1,520,741	\$1,482,245	\$1,443,749	\$1,405,253	\$1,366,757	\$1,328,261	\$1,289,765	\$1,251,268	\$1,212,772	\$1,174,276	\$1,135,780	\$1,097,284	N/A
10. Return on Average Net Investment														
a. Equity Component ⁽²⁾		\$6,494	\$6,329	\$6,165	\$6,001	\$5,836	\$5,672	\$5,508	\$5,343	\$5,179	\$5,014	\$4,850	\$4,686	\$67,076
b. Equity Component grossed up for taxes (Line 10a / 0.75478)		\$8,604	\$8,386	\$8,168	\$7,950	\$7,732	\$7,515	\$7,297	\$7,079	\$6,861	\$6,643	\$6,426	\$6,208	\$88,869
c. Debt Component Component ⁽³⁾		\$1,572	\$1,532	\$1,493	\$1,453	\$1,413	\$1,373	\$1,333	\$1,294	\$1,254	\$1,214	\$1,174	\$1,134	\$16,240
11. Total Return Requirements (Line 10b + 10c)		\$10,176	\$9,918	\$9,661	\$9,403	\$9,145	\$8,888	\$8,630	\$8,373	\$8,115	\$7,857	\$7,600	\$7,342	\$105,108
12. Total Depreciation & Return (Line 4 + 11)		\$48,672	\$48,414	\$48,157	\$47,899	\$47,641	\$47,384	\$47,126	\$46,869	\$46,611	\$46,354	\$46,096	\$45,838	\$567,061

⁽¹⁾ Depreciation expenses is based on the "Cradle-to-Grave" method of accounting.

⁽²⁾ The Equity Component for Jan-Dec period is 5.1242% based on the 2021 Forecasted Surveillance Report and reflects a 10.55% return on equity.

⁽³⁾ The Debt Component for Jan-Dec is 1.2406% based on the 2021 Forecasted Surveillance Report.

FLORIDA POWER AND LIGHT COMPANY
ENERGY CONSERVATION COST RECOVERY CLAUSE
CONSERVATION ENERGY PROGRAM COSTS BY CATEGORY

SCHEDULE C-3

JANUARY THROUGH JUNE 2020 ACTUAL : JULY THROUGH DECEMBER 2020 ESTIMATED

Line No.	Conservation Program	Actual Estimate									TOTAL PROGRAM EXPENSES
			Depreciation & Return	Payroll & Benefits	Materials & Supplies	Outside Services	Advertising	Rebates	Vehicles	Other	
1	RESIDENTIAL HOME ENERGY SURVEY	Actual	\$296,072	\$1,293,474	\$1,956	\$575,003	\$655,405	\$0	\$104,625	\$453,169	\$3,379,704
2		Estimate	\$296,020	\$1,827,217	\$1,960	\$1,269,518	\$5,598,896	\$0	\$105,600	\$482,685	\$9,581,896
3		Subtotal	\$592,092	\$3,120,691	\$3,916	\$1,844,521	\$6,254,301	\$0	\$210,225	\$935,854	\$12,961,600
4											
5	RESIDENTIAL CEILING INSULATION	Actual	\$0	\$48,041	\$0	\$5,565	\$0	\$121,960	\$0	\$1,707	\$177,273
6		Estimate	\$0	\$41,824	\$0	\$0	\$0	\$315,055	\$0	\$27,734	\$384,613
7		Subtotal	\$0	\$89,865	\$0	\$5,565	\$0	\$437,015	\$0	\$29,441	\$561,886
8											
9	RESIDENTIAL LOAD MANAGEMENT ("ON CALL")	Actual	\$3,725,696	\$913,549	\$199,329	\$977,977	\$0	\$15,324,750	\$26,541	\$267,483	\$21,435,325
10		Estimate	\$3,605,422	\$960,606	\$46,643	\$1,398,497	\$0	\$16,851,492	\$27,731	\$162,578	\$23,052,969
11		Subtotal	\$7,331,118	\$1,874,155	\$245,972	\$2,376,474	\$0	\$32,176,242	\$54,272	\$430,061	\$44,488,294
12											
13	RESIDENTIAL AIR CONDITIONING	Actual	\$0	\$225,405	\$57	\$5,045	(\$1,800)	\$1,431,750	\$4,297	\$3,390	\$1,668,144
14		Estimate	\$0	\$120,547	\$0	\$206	\$0	\$1,575,723	\$4,350	\$57,604	\$1,758,430
15		Subtotal	\$0	\$345,952	\$57	\$5,251	(\$1,800)	\$3,007,473	\$8,647	\$60,994	\$3,426,574
16											
17	RESIDENTIAL NEW CONSTRUCTION (BUILDSMART®)	Actual	\$0	\$211,498	\$324	\$17,961	\$0	\$3,600	\$0	\$14,306	\$247,689
18		Estimate	\$0	\$215,184	\$0	\$28,200	\$0	\$7,800	\$0	\$28,338	\$279,522
19		Subtotal	\$0	\$426,682	\$324	\$46,161	\$0	\$11,400	\$0	\$42,644	\$527,211
20											
21	RESIDENTIAL LOW INCOME	Actual	\$0	\$280,055	\$20,913	\$10,311	\$0	\$243,434	\$13,050	\$18,434	\$586,197
22		Estimate	\$0	\$220,047	\$1,575	\$20,281	\$0	\$95,400	\$13,050	\$8,560	\$358,913
23		Subtotal	\$0	\$500,102	\$22,488	\$30,592	\$0	\$338,834	\$26,100	\$26,994	\$945,110
24											
25	BUSINESS ON CALL	Actual	\$171,380	\$19,487	\$0	\$2,663	\$0	\$1,220,910	\$0	\$11,827	\$1,426,267
26		Estimate	\$159,896	\$11,201	\$0	\$2,928	\$0	\$1,631,038	\$0	(\$984)	\$1,804,079
27		Subtotal	\$331,276	\$30,688	\$0	\$5,591	\$0	\$2,851,948	\$0	\$10,843	\$3,230,346
28											
29	COGENERATION & SMALL POWER PRODUCTION	Actual	\$0	\$186,127	\$0	\$0	\$0	\$0	\$0	(\$97,098)	\$89,029
30		Estimate	\$0	\$142,644	\$0	(\$1,293)	\$0	\$0	\$0	(\$115,881)	\$25,470
31		Subtotal	\$0	\$328,771	\$0	(\$1,293)	\$0	\$0	\$0	(\$212,979)	\$114,499
32											
33	BUSINESS LIGHTING	Actual	\$0	\$70,167	\$0	\$0	\$0	\$105,566	\$0	\$1,651	\$177,384
34		Estimate	\$0	\$71,834	\$0	\$0	\$0	\$93,750	\$0	\$1,920	\$167,504
35		Subtotal	\$0	\$142,001	\$0	\$0	\$0	\$199,316	\$0	\$3,571	\$344,888
36											
37	COMMERCIAL/INDUSTRIAL LOAD CONTROL	Actual	\$0	\$144,694	\$477	\$9,338	\$0	\$21,506,800	\$417	\$9,634	\$21,671,360
38		Estimate	\$0	\$137,166	\$423	\$25,970	\$0	\$22,951,331	\$311	\$11,813	\$23,127,014
39		Subtotal	\$0	\$281,860	\$900	\$35,308	\$0	\$44,458,131	\$728	\$21,447	\$44,798,374
40											

FLORIDA POWER AND LIGHT COMPANY
ENERGY CONSERVATION COST RECOVERY CLAUSE
CONSERVATION ENERGY PROGRAM COSTS BY CATEGORY

SCHEDULE C-3

JANUARY THROUGH JUNE 2020 ACTUAL : JULY THROUGH DECEMBER 2020 ESTIMATED

Line No.	Conservation Program	Actual Estimate									TOTAL PROGRAM EXPENSES	
			Depreciation & Return	Payroll & Benefits	Materials & Supplies	Outside Services	Advertising	Rebates	Vehicles	Other		
41	COMMERCIAL/INDUSTRIAL DEMAND REDUCTION	Actual	\$0	\$160,602	\$0	\$0	\$0	\$0	\$12,783,649	\$0	\$13,337	\$12,957,588
42		Estimate	\$0	\$204,108	\$0	\$970	\$0	\$0	\$14,938,844	\$311	\$25,051	\$15,169,284
43		Subtotal	\$0	\$364,710	\$0	\$970	\$0	\$0	\$27,722,493	\$311	\$38,388	\$28,126,872
44												
45	BUSINESS ENERGY EVALUATION	Actual	\$330,102	\$1,620,807	\$217	\$288,656	(\$34,867)	\$0	\$86,075	\$384,936	\$2,675,926	
46		Estimate	\$459,851	\$2,061,420	\$206	\$538,845	\$1,427,487	\$0	\$101,329	\$503,627	\$5,092,765	
47		Subtotal	\$789,953	\$3,682,227	\$423	\$827,501	\$1,392,620	\$0	\$187,404	\$888,563	\$7,768,691	
48												
49	BUSINESS HEATING, VENTILATING & A/C	Actual	\$0	\$202,961	\$0	\$17	\$0	\$2,223,267	\$0	\$7,602	\$2,433,847	
50		Estimate	\$0	\$204,476	\$0	\$0	\$0	\$2,018,829	\$0	\$15,472	\$2,238,777	
51		Subtotal	\$0	\$407,437	\$0	\$17	\$0	\$4,242,096	\$0	\$23,074	\$4,672,624	
52												
53	BUSINESS CUSTOM INCENTIVE	Actual	\$0	\$3,844	\$0	\$2,310	\$0	\$12,420	\$0	\$91	\$18,665	
54		Estimate	\$0	\$3,937	\$0	\$0	\$0	\$0	\$0	\$110	\$4,047	
55		Subtotal	\$0	\$7,781	\$0	\$2,310	\$0	\$12,420	\$0	\$201	\$22,712	
56												
57	CONSERVATION RESEARCH & DEVELOPMENT	Actual	\$0	\$11,072	\$0	\$0	\$0	\$0	\$0	\$345	\$11,417	
58		Estimate	\$0	\$3,906	\$0	\$100,000	\$0	\$0	\$0	\$30	\$103,936	
59		Subtotal	\$0	\$14,978	\$0	\$100,000	\$0	\$0	\$0	\$375	\$115,353	
60												
61	BUSINESS PHOTOVOLTAIC FOR SCHOOLS	Actual	\$213,881	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$213,881	
62		Estimate	\$33,411	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$33,411	
63		Subtotal	\$247,292	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$247,292	
64												
65	COMMON EXPENSES	Actual	\$451,047	\$2,097,946	\$3,678	\$394,892	\$0	\$0	\$9,963	\$321,735	\$3,279,261	
66		Estimate	\$283,862	\$2,288,292	\$21,107	\$260,070	\$0	\$0	\$17,148	\$410,691	\$3,281,170	
67		Subtotal	\$734,909	\$4,386,238	\$24,785	\$654,962	\$0	\$0	\$27,111	\$732,426	\$6,560,431	
68												
69		TOTAL	\$10,026,640	\$16,004,138	\$298,865	\$5,933,930	\$7,645,121	\$115,457,368	\$514,798	\$3,031,897	\$158,912,758	

Note: Totals may not add due to rounding.

FLORIDA POWER LIGHT COMPANY
ENERGY CONSERVATION COST RECOVERY CLAUSE
SCHEDULE OF CAPITAL INVESTMENT, DEPRECIATION AND RETURN

SCHEDULE C-3

JANUARY THROUGH JUNE 2020 ACTUAL : JULY THROUGH DECEMBER 2020 ESTIMATED

BUSINESS ENERGY EVALUATION	Beginning of Period Balance	January Actual	February Actual	March Actual	April Actual	May Actual	June Actual	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Total
1. Additions/Expenditures		\$0	\$0	\$0	\$15,848	\$201,524	\$48,038	\$10,000	\$20,000	\$19,600	\$0	\$0	\$150,400	\$465,410
2. Investment (Net of Retirements)		\$3,005,723	\$0	\$0	\$0	\$333,177	\$0	\$0	\$0	\$0	\$0	\$0	\$200,000	N/A
3. Depreciation Base		\$3,005,723	\$3,005,723	\$3,005,723	\$3,005,723	\$3,338,900	\$3,338,900	\$3,338,900	\$3,338,900	\$3,338,900	\$3,338,900	\$3,338,900	\$3,538,900	N/A
4. Depreciation Expense ⁽¹⁾		\$0	\$0	\$55,694	\$55,696	\$55,444	\$55,648	\$55,648	\$55,648	\$55,648	\$55,648	\$55,648	\$57,315	\$558,039
5. Cumulative Investment (Line 3)		\$3,005,723	\$3,005,723	\$3,005,723	\$3,005,723	\$3,338,900	\$3,338,900	\$3,338,900	\$3,338,900	\$3,338,900	\$3,338,900	\$3,338,900	\$3,538,900	N/A
6. Less: Accumulated Depreciation		\$0	\$0	\$55,694	\$111,390	\$166,834	\$222,482	\$278,131	\$333,779	\$389,427	\$445,076	\$500,724	\$558,039	N/A
7. CWIP Balance Eligible for Return		(\$135,666)	(\$135,666)	(\$135,666)	(\$119,818)	\$81,706	\$129,744	\$139,744	\$159,744	\$179,344	\$179,344	\$179,344	\$129,744	N/A
8. Net Investment (Line 5-6+7)		(\$135,666)	\$2,870,057	\$2,870,057	\$2,884,363	\$3,253,772	\$3,246,161	\$3,200,513	\$3,164,864	\$3,128,816	\$3,073,168	\$3,017,519	\$3,110,604	N/A
9. Average Net Investment		\$1,367,196	\$2,870,057	\$2,842,210	\$2,794,439	\$3,014,144	\$3,249,966	\$3,223,337	\$3,182,688	\$3,146,840	\$3,100,992	\$3,045,343	\$3,064,062	N/A
10. Return on Average Net Investment														
a. Equity Component ⁽²⁾		\$5,720	\$12,008	\$11,891	\$11,691	\$12,611	\$13,597	\$13,372	\$13,203	\$13,054	\$12,864	\$12,633	\$12,711	\$145,357
b. Equity Component grossed up for taxes (Line 10a / 0.75478)		\$7,579	\$15,909	\$15,755	\$15,490	\$16,708	\$18,015	\$17,716	\$17,493	\$17,296	\$17,044	\$16,738	\$16,841	\$192,581
c. Debt Component ⁽³⁾		\$1,539	\$3,230	\$3,199	\$3,145	\$3,393	\$3,658	\$3,636	\$3,591	\$3,550	\$3,498	\$3,436	\$3,457	\$39,933
11. Total Return Requirements (Line 10b + 10c)		\$9,117	\$19,140	\$18,954	\$18,635	\$20,100	\$21,673	\$21,353	\$21,083	\$20,846	\$20,542	\$20,173	\$20,297	\$231,914
12. Total Depreciation & Return (Line 4 + 11)		\$9,117	\$19,140	\$74,648	\$74,331	\$75,545	\$77,321	\$77,001	\$76,732	\$76,494	\$76,190	\$75,822	\$77,612	\$789,953

⁽¹⁾ Depreciation expenses is based on the "Cradle-to-Grave" method of accounting.

⁽²⁾ The Equity Component for Jan-Jun 2020 Period is 5.0206% based on May 2019 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for July-Dec 2020 period is 4.9781% based on the May 2020 Earning Surveillance Report and reflects a 10.55% return on equity.

⁽³⁾ The Debt Component for Jan-Jun 2020 period is 1.3507% based on the May 2019 Earning Surveillance Report and the Debt Component for the Jul-Dec 2020 period is 1.3538% based on the May 2020 Earning Surveillance Report.

FLORIDA POWER LIGHT COMPANY
ENERGY CONSERVATION COST RECOVERY CLAUSE
SCHEDULE OF CAPITAL INVESTMENT, DEPRECIATION AND RETURN

SCHEDULE C-3

JANUARY THROUGH JUNE 2020 ACTUAL : JULY THROUGH DECEMBER 2020 ESTIMATED

BUSINESS ON CALL	Beginning of Period Balance	January Actual	February Actual	March Actual	April Actual	May Actual	June Actual	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Total
1. Additions/Expenditures		(\$7,365)	\$1,111	\$3,869	\$14,617	(\$16,733)	\$7,128	\$20,177	\$21,541	\$27,302	\$49,830	\$20,243	\$87,511	\$229,230
2. Investment (Net of Retirements)		(\$3,530)	(\$4,753)	\$966	(\$293,250)	\$17,591	\$2,131	\$37,902	\$18,205	\$17,442	\$45,852	\$16,457	\$154,692	N/A
3. Depreciation Base		\$1,845,037	\$1,840,284	\$1,841,250	\$1,548,000	\$1,565,591	\$1,567,723	\$1,258,615	\$1,276,820	\$1,294,262	\$1,340,114	\$1,356,572	\$1,511,264	N/A
4. Depreciation Expense ⁽¹⁾		\$24,852	\$24,783	\$24,752	\$22,316	\$20,019	\$20,183	\$20,661	\$21,129	\$21,426	\$21,953	\$22,472	\$23,899	\$268,445
5. Cumulative Investment (Line 3)	\$1,848,567	\$1,845,037	\$1,840,284	\$1,841,250	\$1,548,000	\$1,565,591	\$1,567,723	\$1,258,615	\$1,276,820	\$1,294,262	\$1,340,114	\$1,356,572	\$1,511,264	N/A
6. Less: Accumulated Depreciation	\$984,254	\$1,005,536	\$1,025,095	\$1,045,441	\$771,395	\$789,802	\$805,928	\$661,197	\$681,093	\$698,508	\$718,553	\$739,817	\$757,459	N/A
7. CWIP Balance Eligible for Return	\$60,121	\$52,756	\$53,867	\$57,736	\$72,352	\$55,620	\$62,748	\$83,990	\$86,093	\$91,942	\$94,012	\$96,589	\$23,151	N/A
8. Net Investment (Line 5-6+7)	\$924,434	\$892,257	\$869,056	\$853,544	\$848,957	\$831,408	\$824,543	\$681,408	\$681,820	\$687,696	\$715,573	\$713,344	\$776,956	N/A
9. Average Net Investment		\$908,345	\$880,657	\$861,300	\$851,250	\$840,182	\$827,976	\$752,976	\$681,614	\$684,758	\$701,635	\$714,458	\$745,150	N/A
10. Return on Average Net Investment														
a. Equity Component ⁽²⁾		\$3,800	\$3,685	\$3,604	\$3,561	\$3,515	\$3,464	\$3,124	\$2,828	\$2,841	\$2,911	\$2,964	\$3,091	\$39,387
b. Equity Component grossed up for taxes (Line 10a / 0.75478)		\$5,035	\$4,882	\$4,774	\$4,719	\$4,657	\$4,590	\$4,138	\$3,746	\$3,764	\$3,856	\$3,927	\$4,095	\$52,183
c. Debt Component ⁽³⁾		\$1,022	\$991	\$969	\$958	\$946	\$932	\$849	\$769	\$773	\$792	\$806	\$841	\$10,648
11. Total Return Requirements (Line 10b + 10c)		\$6,057	\$5,873	\$5,744	\$5,677	\$5,603	\$5,522	\$4,988	\$4,515	\$4,536	\$4,648	\$4,733	\$4,936	\$62,831
12. Total Depreciation & Return (Line 4 + 11)		\$30,910	\$30,656	\$30,495	\$27,993	\$25,622	\$25,705	\$25,649	\$25,644	\$25,962	\$26,601	\$27,205	\$28,835	\$331,276

⁽¹⁾ Depreciation expenses is based on the "Cradle-to-Grave" method of accounting.

⁽²⁾ The Equity Component for Jan-Jun 2020 Period is 5.0206% based on May 2019 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for July-Dec 2020 period is 4.9781% based on the May 2020 Earning Surveillance Report and reflects a 10.55% return on equity.

⁽³⁾ The Debt Component for Jan-Jun 2020 period is 1.3507% based on the May 2019 Earning Surveillance Report and the Debt Component for the Jul-Dec 2020 period is 1.3538% based on the May 2020 Earning Surveillance Report.

FLORIDA POWER LIGHT COMPANY
ENERGY CONSERVATION COST RECOVERY CLAUSE
SCHEDULE OF CAPITAL INVESTMENT, DEPRECIATION AND RETURN

SCHEDULE C-3

JANUARY THROUGH JUNE 2020 ACTUAL : JULY THROUGH DECEMBER 2020 ESTIMATED

RESIDENTIAL LOAD MANAGEMENT ("ON CALL")	Beginning of Period Balance	January Actual	February Actual	March Actual	April Actual	May Actual	June Actual	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Total
1. Additions/Expenditures		(\$167,996)	\$25,347	\$88,243	\$333,402	(\$381,668)	\$162,592	\$456,813	\$487,692	\$618,127	\$1,128,185	\$458,323	\$1,981,298	\$5,190,360
2. Investment (Net of Retirements)		(\$80,511)	(\$108,420)	\$22,025	(\$6,688,888)	\$401,248	\$48,618	\$858,123	\$412,171	\$394,904	\$1,038,120	\$372,601	\$3,502,328	N/A
3. Depreciation Base		\$33,616,168	\$33,507,749	\$33,529,774	\$26,840,885	\$27,242,133	\$27,290,751	\$28,495,883	\$28,908,054	\$29,302,959	\$30,341,078	\$30,713,679	\$34,216,008	N/A
4. Depreciation Expense		\$566,868	\$565,294	\$564,574	\$509,017	\$456,620	\$460,368	\$467,780	\$478,366	\$485,092	\$497,034	\$508,790	\$541,081	\$6,100,883
5. Cumulative Investment (Line 3)	\$33,696,680	\$33,616,168	\$33,507,749	\$33,529,774	\$26,840,885	\$27,242,133	\$27,290,751	\$28,495,883	\$28,908,054	\$29,302,959	\$30,341,078	\$30,713,679	\$34,216,008	N/A
6. Less: Accumulated Depreciation	\$18,406,876	\$18,892,303	\$19,338,429	\$19,802,524	\$13,551,671	\$13,971,527	\$14,339,331	\$14,969,931	\$15,420,398	\$15,814,681	\$16,268,515	\$16,749,945	\$17,149,364	N/A
7. CWIP Balance Eligible for Return	\$1,212,302	\$1,044,305	\$1,069,653	\$1,157,896	\$1,491,298	\$1,109,631	\$1,272,223	\$1,901,582	\$1,949,203	\$2,081,618	\$2,128,483	\$2,186,846	\$524,154	N/A
8. Net Investment (Line 5-6+7)	\$16,502,106	\$15,768,170	\$15,238,972	\$14,885,145	\$14,780,512	\$14,380,237	\$14,223,643	\$15,427,534	\$15,436,859	\$15,569,895	\$16,201,047	\$16,150,580	\$17,590,797	N/A
9. Average Net Investment		\$16,135,138	\$15,503,571	\$15,062,059	\$14,832,829	\$14,580,375	\$14,301,940	\$14,825,589	\$15,432,197	\$15,503,377	\$15,885,471	\$16,175,813	\$16,870,689	N/A
10. Return on Average Net Investment														
a. Equity Component		\$67,507	\$64,864	\$63,017	\$62,058	\$61,002	\$59,837	\$61,503	\$64,019	\$64,314	\$65,900	\$67,104	\$69,987	\$771,112
b. Equity Component grossed up for taxes (Line 10a / 0.75478)		\$89,439	\$85,938	\$83,491	\$82,220	\$80,821	\$79,277	\$81,484	\$84,818	\$85,209	\$87,309	\$88,905	\$92,724	\$1,021,635
c. Debt Component Component		\$18,161	\$17,451	\$16,954	\$16,696	\$16,411	\$16,098	\$16,726	\$17,410	\$17,490	\$17,921	\$18,249	\$19,033	\$208,600
11. Total Return Requirements (Line 10b + 10c)		\$107,600	\$103,388	\$100,444	\$98,915	\$97,232	\$95,375	\$98,210	\$102,228	\$102,700	\$105,231	\$107,154	\$111,757	\$1,230,236
12. Total Depreciation & Return (Line 4 + 11)		\$674,468	\$668,682	\$665,018	\$607,932	\$553,852	\$555,744	\$565,990	\$580,594	\$587,792	\$602,265	\$615,944	\$652,838	\$7,331,118

⁽¹⁾ Depreciation expenses is based on the "Cradle-to-Grave" method of accounting.

⁽²⁾ The Equity Component for Jan-Jun 2020 Period is 5.0206% based on May 2019 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for July-Dec 2020 period is 4.9781% based on the May 2020 Earning Surveillance Report and reflects a 10.55% return on equity.

⁽³⁾ The Debt Component for Jan-Jun 2020 period is 1.3507% based on the May 2019 Earning Surveillance Report and the Debt Component for the Jul-Dec 2020 period is 1.3538% based on the May 2020 Earning Surveillance Report.

FLORIDA POWER LIGHT COMPANY
ENERGY CONSERVATION COST RECOVERY CLAUSE
SCHEDULE OF CAPITAL INVESTMENT, DEPRECIATION AND RETURN

SCHEDULE C-3

JANUARY THROUGH JUNE 2020 ACTUAL : JULY THROUGH DECEMBER 2020 ESTIMATED

COMMON EXPENSES	Beginning of Period Balance	January Actual	February Actual	March Actual	April Actual	May Actual	June Actual	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Total
1. Additions/Expenditures		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2. Investment (Net of Retirements)		(\$3,005,851)	\$19	(\$582,286)	(\$305)	(\$335,598)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	N/A
3. Depreciation Base		\$3,701,052	\$3,701,071	\$3,118,785	\$3,118,480	\$2,782,882	\$2,782,882	\$2,782,882	\$2,782,882	\$2,782,882	\$2,782,882	\$2,782,882	\$2,782,882	N/A
4. Depreciation Expense ⁽¹⁾		\$111,781	\$106,927	\$46,377	\$46,359	\$46,404	\$46,381	\$46,381	\$46,381	\$46,381	\$46,381	\$46,381	\$37,264	\$673,400
5. Cumulative Investment (Line 3)	\$6,706,902	\$3,701,052	\$3,701,071	\$3,118,785	\$3,118,480	\$2,782,882	\$2,782,882	\$2,782,882	\$2,782,882	\$2,782,882	\$2,782,882	\$2,782,882	\$2,782,882	N/A
6. Less: Accumulated Depreciation		\$2,452,936	\$2,564,717	\$2,671,644	\$2,135,736	\$2,228,498	\$2,274,880	\$2,321,261	\$2,367,642	\$2,414,024	\$2,460,405	\$2,506,787	\$2,544,050	N/A
7. CWIP Balance Eligible for Return	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	N/A
8. Net Investment (Line 5-6+7)	\$4,253,966	\$1,136,335	\$1,029,426	\$983,049	\$936,386	\$554,384	\$508,002	\$461,621	\$415,240	\$368,858	\$322,477	\$276,096	\$238,832	N/A
9. Average Net Investment		\$2,695,150	\$1,082,881	\$1,006,238	\$959,717	\$745,385	\$531,193	\$484,812	\$438,430	\$392,049	\$345,668	\$299,286	\$257,464	N/A
10. Return on Average Net Investment														
a. Equity Component ⁽²⁾		\$11,276	\$4,531	\$4,210	\$4,015	\$3,119	\$2,222	\$2,011	\$1,819	\$1,626	\$1,434	\$1,242	\$1,068	\$38,573
b. Equity Component grossed up for taxes (Line 10a / 0.75478)		\$14,939	\$6,003	\$5,578	\$5,320	\$4,132	\$2,944	\$2,665	\$2,410	\$2,155	\$1,900	\$1,645	\$1,415	\$51,105
c. Debt Component ⁽³⁾		\$3,034	\$1,219	\$1,133	\$1,080	\$839	\$598	\$547	\$495	\$442	\$390	\$338	\$290	\$10,404
11. Total Return Requirements (Line 10b + 10c)		\$17,973	\$7,221	\$6,710	\$6,400	\$4,971	\$3,542	\$3,212	\$2,904	\$2,597	\$2,290	\$1,983	\$1,706	\$61,509
12. Total Depreciation & Return (Line 4 + 11)		\$129,754	\$114,149	\$53,088	\$52,759	\$51,375	\$49,924	\$49,593	\$49,286	\$48,978	\$48,671	\$48,364	\$38,969	\$734,909

⁽¹⁾ Depreciation expenses is based on the "Cradle-to-Grave" method of accounting.

⁽²⁾ The Equity Component for Jan-Jun 2020 Period is 5.0206% based on May 2019 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for July-Dec 2020 period is 4.9781% based on the May 2020 Earning Surveillance Report and reflects a 10.55% return on equity.

⁽³⁾ The Debt Component for Jan-Jun 2020 period is 1.3507% based on the May 2019 Earning Surveillance Report and the Debt Component for the Jul-Dec 2020 period is 1.3538% based on the May 2020 Earning Surveillance Report.

FLORIDA POWER LIGHT COMPANY
ENERGY CONSERVATION COST RECOVERY CLAUSE
SCHEDULE OF CAPITAL INVESTMENT, DEPRECIATION AND RETURN

SCHEDULE C-3

JANUARY THROUGH JUNE 2020 ACTUAL : JULY THROUGH DECEMBER 2020 ESTIMATED

RESIDENTIAL HOME ENERGY SURVEY	Beginning of Period Balance	January Actual	February Actual	March Actual	April Actual	May Actual	June Actual	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Total
1. Additions/Expenditures		\$0	\$0	\$0	\$15,564	\$14,607	\$15,362	\$32,046	\$0	\$0	\$0	\$0	\$0	\$77,578
2. Investment (Net of Retirements)		\$0	\$0	\$0	\$0	\$0	\$0	\$77,578	\$0	\$0	\$0	\$0	\$0	N/A
3. Depreciation Base		<u>\$2,231,965</u>	<u>\$2,231,965</u>	<u>\$2,231,965</u>	<u>\$2,231,965</u>	<u>\$2,231,965</u>	<u>\$2,231,965</u>	<u>\$2,309,543</u>	<u>\$2,309,543</u>	<u>\$2,309,543</u>	<u>\$2,309,543</u>	<u>\$2,309,543</u>	<u>\$2,309,543</u>	N/A
4. Depreciation Expense ⁽¹⁾		<u>\$37,203</u>	<u>\$37,203</u>	<u>\$37,400</u>	<u>\$37,203</u>	<u>\$37,203</u>	<u>\$37,203</u>	<u>\$37,850</u>	<u>\$38,496</u>	<u>\$38,496</u>	<u>\$38,496</u>	<u>\$38,496</u>	<u>\$38,496</u>	<u>\$453,746</u>
5. Cumulative Investment (Line 3)		\$2,231,965	\$2,231,965	\$2,231,965	\$2,231,965	\$2,231,965	\$2,231,965	\$2,309,543	\$2,309,543	\$2,309,543	\$2,309,543	\$2,309,543	\$2,309,543	N/A
6. Less: Accumulated Depreciation		<u>\$315,808</u>	<u>\$353,011</u>	<u>\$390,215</u>	<u>\$427,615</u>	<u>\$502,021</u>	<u>\$539,224</u>	<u>\$577,074</u>	<u>\$615,570</u>	<u>\$654,066</u>	<u>\$692,562</u>	<u>\$731,058</u>	<u>\$769,554</u>	N/A
7. CWIP Balance Eligible for Return		\$0	\$0	\$0	\$15,564	\$30,171	\$45,532	\$0	\$0	\$0	\$0	\$0	\$0	N/A
8. Net Investment (Line 5-6+7)		<u>\$1,916,157</u>	<u>\$1,878,954</u>	<u>\$1,841,751</u>	<u>\$1,804,350</u>	<u>\$1,782,711</u>	<u>\$1,760,115</u>	<u>\$1,738,273</u>	<u>\$1,693,973</u>	<u>\$1,655,477</u>	<u>\$1,616,981</u>	<u>\$1,578,485</u>	<u>\$1,539,989</u>	N/A
9. Average Net Investment		\$1,897,555	\$1,860,352	\$1,823,050	\$1,793,531	\$1,771,413	\$1,749,194	\$1,735,371	\$1,713,221	\$1,674,725	\$1,636,229	\$1,597,733	\$1,559,237	N/A
10. Return on Average Net Investment														
a. Equity Component ⁽²⁾		<u>\$7,939</u>	<u>\$7,783</u>	<u>\$7,627</u>	<u>\$7,504</u>	<u>\$7,411</u>	<u>\$7,318</u>	<u>\$7,199</u>	<u>\$7,107</u>	<u>\$6,947</u>	<u>\$6,788</u>	<u>\$6,628</u>	<u>\$6,468</u>	<u>\$86,721</u>
b. Equity Component grossed up for taxes (Line 10a / 0.75478)		<u>\$10,518</u>	<u>\$10,312</u>	<u>\$10,105</u>	<u>\$9,942</u>	<u>\$9,819</u>	<u>\$9,696</u>	<u>\$9,538</u>	<u>\$9,416</u>	<u>\$9,205</u>	<u>\$8,993</u>	<u>\$8,781</u>	<u>\$8,570</u>	<u>\$114,896</u>
c. Debt Component ⁽³⁾		<u>\$2,136</u>	<u>\$2,094</u>	<u>\$2,052</u>	<u>\$2,019</u>	<u>\$1,994</u>	<u>\$1,969</u>	<u>\$1,958</u>	<u>\$1,933</u>	<u>\$1,889</u>	<u>\$1,846</u>	<u>\$1,803</u>	<u>\$1,759</u>	<u>\$23,451</u>
11. Total Return Requirements (Line 10b + 10c)		<u>\$12,654</u>	<u>\$12,406</u>	<u>\$12,157</u>	<u>\$11,960</u>	<u>\$11,813</u>	<u>\$11,665</u>	<u>\$11,496</u>	<u>\$11,349</u>	<u>\$11,094</u>	<u>\$10,839</u>	<u>\$10,584</u>	<u>\$10,329</u>	<u>\$138,346</u>
12. Total Depreciation & Return (Line 4 + 11)		<u>\$49,857</u>	<u>\$49,609</u>	<u>\$49,558</u>	<u>\$49,164</u>	<u>\$49,016</u>	<u>\$48,868</u>	<u>\$49,345</u>	<u>\$49,845</u>	<u>\$49,590</u>	<u>\$49,335</u>	<u>\$49,080</u>	<u>\$48,825</u>	<u>\$592,092</u>

⁽¹⁾ Depreciation expenses is based on the "Cradle-to-Grave" method of accounting.

⁽²⁾ The Equity Component for Jan-Jun 2020 Period is 5.0206% based on May 2019 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for July-Dec 2020 period is 4.9781% based on the May 2020 Earning Surveillance Report and reflects a 10.55% return on equity

⁽³⁾ The Debt Component for Jan-Jun 2020 period is 1.3507% based on the May 2019 Earning Surveillance Report and the Debt Component for the Jul-Dec 2020 period is 1.3538% based on the May 2020 Earning Surveillance Report.

FLORIDA POWER LIGHT COMPANY
ENERGY CONSERVATION COST RECOVERY CLAUSE
SCHEDULE OF CAPITAL INVESTMENT, DEPRECIATION AND RETURN

SCHEDULE C-3

JANUARY THROUGH JUNE 2020 ACTUAL : JULY THROUGH DECEMBER 2020 ESTIMATED

BUSINESS PHOTOVOLTAIC FOR SCHOOLS	Beginning of Period Balance	January Actual	February Actual	March Actual	April Actual	May Actual	June Actual	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Total
1. Additions/Expenditures		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2. Investment (Net of Retirements)		(\$942,319)	\$0	\$0	\$0	\$0	\$0	(\$2,006,555)	\$0	\$0	\$0	\$0	\$0	N/A
3. Depreciation Base		\$2,006,555	\$2,006,555	\$2,006,555	\$2,006,555	\$2,006,555	\$2,006,555	\$0	\$0	\$0	\$0	\$0	\$0	N/A
4. Depreciation Expense ⁽¹⁾		\$41,295	\$33,443	\$33,443	\$33,443	\$33,443	\$33,443	\$33,301	\$0	\$0	\$0	\$0	\$0	\$241,809
5. Cumulative Investment (Line 3)	\$2,948,874	\$2,006,555	\$2,006,555	\$2,006,555	\$2,006,555	\$2,006,555	\$2,006,555	\$0	\$0	\$0	\$0	\$0	\$0	N/A
6. Less: Accumulated Depreciation	\$2,707,065	\$1,806,041	\$1,839,483	\$1,872,926	\$1,906,368	\$1,939,811	\$1,973,253	\$0	\$0	\$0	\$0	\$0	\$0	N/A
7. CWIP Balance Eligible for Return	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	N/A
8. Net Investment (Line 5-6+7)	\$241,809	\$200,514	\$167,071	\$133,629	\$100,186	\$66,744	\$33,301	\$0	\$0	\$0	\$0	\$0	\$0	N/A
9. Average Net Investment		\$221,162	\$183,793	\$150,350	\$116,908	\$83,465	\$50,022	\$16,651	\$0	\$0	\$0	\$0	\$0	N/A
10. Return on Average Net Investment														
a. Equity Component ⁽²⁾		\$925	\$769	\$629	\$489	\$349	\$209	\$69	\$0	\$0	\$0	\$0	\$0	\$3,440
b. Equity Component grossed up for taxes (Line 10a / 0.75478)		\$1,226	\$1,019	\$833	\$648	\$463	\$277	\$92	\$0	\$0	\$0	\$0	\$0	\$4,558
c. Debt Component ⁽³⁾		\$249	\$207	\$169	\$132	\$94	\$56	\$19	\$0	\$0	\$0	\$0	\$0	\$926
11. Total Return Requirements (Line 10b + 10c)		\$1,475	\$1,226	\$1,003	\$780	\$557	\$334	\$110	\$0	\$0	\$0	\$0	\$0	\$5,483
12. Total Depreciation & Return (Line 4 + 11)		\$42,770	\$34,668	\$34,445	\$34,222	\$33,999	\$33,776	\$33,411	\$0	\$0	\$0	\$0	\$0	\$247,293

⁽¹⁾ Depreciation expenses is based on the "Cradle-to-Grave" method of accounting.

⁽²⁾ The Equity Component for Jan-Jun 2020 Period is 5.0206% based on May 2019 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for July-Dec 2020 period is 4.9781% based on the May 2020 Earning Surveillance Report and reflects a 10.55% return on equity.

⁽³⁾ The Debt Component for Jan-Jun 2020 period is 1.3507% based on the May 2019 Earning Surveillance Report and the Debt Component for the Jul-Dec 2020 period is 1.3538% based on the May 2020 Earning Surveillance Report.

FLORIDA POWER & LIGHT COMPANY					
COST RECOVERY CLAUSES					
CAPITAL STRUCTURE AND COST RATES PER MAY 2020 EARNINGS SURVEILLANCE REPORT					
Equity @ 10.55%	ADJUSTED		MIDPOINT	WEIGHTED	PRE-TAX
	RETAIL	RATIO	COST RATES	COST	WEIGHTED COST
LONG TERM DEBT	12,539,092,665	30.643%	4.17%	1.28%	1.28%
SHORT TERM DEBT	462,827,285	1.131%	3.16%	0.04%	0.04%
PREFERRED STOCK	0	0.000%	0.00%	0.00%	0.00%
CUSTOMER DEPOSITS	420,293,246	1.027%	2.12%	0.02%	0.02%
COMMON EQUITY	19,050,189,760	46.554%	10.55%	4.91%	6.51%
DEFERRED INCOME TAX	8,019,547,167	19.598%	0.00%	0.00%	0.00%
INVESTMENT TAX CREDITS					
ZERO COST	0	0.000%	0.00%	0.00%	0.00%
WEIGHTED COST	428,551,760	1.047%	8.02%	0.08%	0.11%
TOTAL	\$40,920,501,883	100.00%		6.33%	7.95%
CALCULATION OF THE WEIGHTED COST FOR CONVERTIBLE INVESTMENT TAX CREDITS (C-ITC) (a)					
	ADJUSTED		COST	WEIGHTED	PRE TAX
	RETAIL	RATIO	RATE	COST	COST
LONG TERM DEBT	\$12,539,092,665	39.69%	4.174%	1.657%	1.657%
PREFERRED STOCK	0	0.00%	0.000%	0.000%	0.000%
COMMON EQUITY	19,050,189,760	60.31%	10.550%	6.362%	8.429%
TOTAL	\$31,589,282,425	100.00%		8.019%	10.086%
RATIO					
DEBT COMPONENTS:					
LONG TERM DEBT	1.2789%				
SHORT TERM DEBT	0.0357%				
CUSTOMER DEPOSITS	0.0218%				
TAX CREDITS -WEIGHTED	0.0174%				
TOTAL DEBT	1.3538%				
EQUITY COMPONENTS:					
PREFERRED STOCK	0.0000%				
COMMON EQUITY	4.9115%				
TAX CREDITS -WEIGHTED	0.0666%				
TOTAL EQUITY	4.9781%				
TOTAL	6.3319%				
PRE-TAX EQUITY	6.5954%				
PRE-TAX TOTAL	7.9492%				
Note:					
(a) This capital structure applies only to Convertible Investment Tax Credit (C-ITC)					

FLORIDA POWER AND LIGHT COMPANY
ENERGY CONSERVATION COST RECOVERY CLAUSE
CONSERVATION PROGRAM COSTS

SCHEDULE C-3

JANUARY THROUGH JUNE 2020 ACTUAL : JULY THROUGH DECEMBER 2020: ESTIMATED

Line No.	CONSERVATION PROGRAM	January Actual	February Actual	March Actual	April Actual	May Actual	June Actual	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Total
1	RESIDENTIAL HOME ENERGY SURVEY	\$491,227	\$478,727	\$536,548	\$382,748	\$750,158	\$740,295	\$1,706,738	\$2,489,736	\$3,257,976	\$735,448	\$620,620	\$771,379	\$12,961,600
2	RESIDENTIAL CEILING INSULATION	\$34,813	\$34,981	\$52,302	\$22,316	\$18,969	\$13,891	\$35,126	\$52,993	\$81,105	\$102,990	\$60,763	\$51,636	\$561,885
3	RESIDENTIAL LOAD MANAGEMENT ("ON CALL")	\$3,068,732	\$2,980,431	\$3,011,680	\$4,142,952	\$4,095,874	\$4,135,673	\$4,183,560	\$4,300,953	\$4,329,352	\$4,303,828	\$3,045,969	\$2,889,308	\$44,488,312
4	RESIDENTIAL AIR CONDITIONING	\$190,463	\$212,622	\$255,075	\$373,395	\$297,238	\$339,351	\$400,788	\$366,181	\$305,249	\$296,463	\$255,721	\$134,026	\$3,426,572
5	RESIDENTIAL NEW CONSTRUCTION (BUILDSMART)	\$42,460	\$44,908	\$37,863	\$42,686	\$36,842	\$42,930	\$44,178	\$45,302	\$46,728	\$55,542	\$41,823	\$45,949	\$527,211
6	RESIDENTIAL LOW INCOME	\$41,286	\$100,088	\$97,020	\$125,145	\$163,581	\$59,078	\$40,895	\$44,244	\$51,422	\$88,797	\$63,206	\$70,350	\$945,111
7	BUSINESS ON CALL	\$34,890	\$36,423	\$34,649	\$437,409	\$435,693	\$447,184	\$437,090	\$438,559	\$437,982	\$426,047	\$31,299	\$33,103	\$3,230,328
8	COGENERATION & SMALL POWER PRODUCTION	\$9,629	\$20,927	\$13,796	\$16,483	\$11,973	\$16,222	\$6,733	\$4,703	\$5,607	\$5,740	\$4,659	(\$1,970)	\$114,501
9	BUSINESS LIGHTING	\$102,725	\$18,758	\$17,327	\$11,401	\$11,895	\$15,279	\$16,437	\$34,278	\$34,822	\$34,822	\$34,278	\$12,867	\$344,887
10	COMMERCIAL/INDUSTRIAL LOAD CONTROL	\$2,768,017	\$2,673,571	\$3,602,253	\$3,721,163	\$3,040,064	\$5,866,294	\$3,884,984	\$3,262,863	\$3,971,825	\$3,247,539	\$3,106,999	\$5,652,805	\$44,798,377
11	COMMERCIAL/INDUSTRIAL DEMAND REDUCTION	\$1,969,340	\$1,939,119	\$2,005,745	\$2,175,588	\$2,327,433	\$2,540,363	\$2,856,420	\$2,898,837	\$2,840,794	\$2,833,501	\$1,894,778	\$1,844,953	\$28,126,871
12	BUSINESS ENERGY EVALUATION	\$539,240	\$338,293	\$453,491	\$454,672	\$445,042	\$445,188	\$557,503	\$1,206,862	\$1,471,613	\$635,157	\$545,894	\$675,736	\$7,768,691
13	BUSINESS HEATING, VENTILATING & A/C	\$325,633	\$319,010	\$549,875	\$129,922	\$109,307	\$1,000,099	\$295,209	\$108,775	\$543,365	\$297,406	\$945,177	\$48,846	\$4,672,624
14	BUSINESS CUSTOM INCENTIVE	\$892	\$13,835	\$1,144	\$795	\$1,060	\$938	\$696	\$646	\$676	\$676	\$646	\$706	\$22,711
15	CONSERVATION RESEARCH & DEVELOPMENT	\$1,761	\$816	\$744	\$655	\$6,790	\$650	\$686	\$21,626	\$656	\$25,656	\$25,626	\$29,686	\$115,353
16	BUSINESS PHOTOVOLTAIC FOR SCHOOLS	\$42,770	\$34,668	\$34,445	\$34,222	\$33,999	\$33,776	\$33,411	\$0	\$0	\$0	\$0	\$0	\$247,292
17	COMMON EXPENSES	\$723,979	\$565,626	\$508,818	\$505,203	\$472,434	\$503,201	\$523,363	\$502,548	\$551,279	\$533,930	\$616,590	\$553,460	\$6,560,430
18	TOTAL	\$10,387,856	\$9,812,802	\$11,212,773	\$12,576,758	\$12,258,352	\$16,200,414	\$15,023,817	\$15,779,106	\$17,930,451	\$13,623,542	\$11,294,048	\$12,812,840	\$158,912,758

Note: Totals may not add due to rounding.

FLORIDA POWER AND LIGHT COMPANY
ENERGY CONSERVATION COST RECOVERY
CONSERVATION TRUE-UP CALCULATION

SCHEDULE C-3

JANUARY THROUGH JUNE 2020 ACTUAL - JULY THROUGH DECEMBER 2020 ESTIMATED

	Jan - 2020	Feb - 2020	Mar - 2020	Apr - 2020	May - 2020	Jun - 2020	Jul - 2020	Aug - 2020	Sep - 2020	Oct - 2020	Nov - 2020	Dec - 2020	2020
1. Conservation Clause Revenues (Net of Revenue Taxes)	\$10,720,506	\$10,153,296	\$10,623,715	\$12,156,115	\$12,156,715	\$13,278,230	\$14,275,402	\$14,759,092	\$14,242,589	\$13,014,391	\$11,614,554	\$10,498,347	\$147,492,953
2. Adjustment Not Applicable to Period - Prior True-Up	\$1,130,823	\$1,130,823	\$1,130,823	\$1,130,823	\$1,130,823	\$1,130,823	\$1,130,823	\$1,130,823	\$1,130,823	\$1,130,823	\$1,130,823	\$1,130,823	\$13,569,877
3. Conservation Revenues Applicable to Period (Line 1+2)	\$11,851,329	\$11,284,120	\$11,754,538	\$13,286,938	\$13,287,538	\$14,409,053	\$15,406,225	\$15,889,915	\$15,373,412	\$14,145,214	\$12,745,377	\$11,629,171	\$161,062,830
4. Conservation Expenses	\$10,387,856	\$9,812,802	\$11,212,773	\$12,576,758	\$12,258,352	\$16,200,414	\$15,023,817	\$15,779,106	\$17,930,451	\$13,623,542	\$11,294,048	\$12,812,840	\$158,912,758
5. True-Up This Period (Line 3-4)	\$1,463,473	\$1,471,318	\$541,765	\$710,180	\$1,029,186	(\$1,791,361)	\$382,408	\$110,809	(\$2,557,039)	\$521,672	\$1,451,329	(\$1,183,669)	\$2,150,072
6. Interest Provision for the Month (Page 25, Line 10)	\$21,228	\$21,508	\$25,177	\$14,706	\$893	\$1,149	\$1,196	\$1,107	\$872	\$657	\$643	\$543	\$89,679
7. True-Up & Interest Provision Beginning of Month	\$13,569,877	\$13,923,755	\$14,285,757	\$13,721,877	\$13,315,940	\$13,215,196	\$10,294,161	\$9,546,942	\$8,528,035	\$4,841,045	\$4,232,551	\$4,553,701	\$13,569,877
7a. Deferred True-Up Beginning of Period	\$2,036,766	\$2,036,766	\$2,036,766	\$2,036,766	\$2,036,766	\$2,036,766	\$2,036,766	\$2,036,766	\$2,036,766	\$2,036,766	\$2,036,766	\$2,036,766	\$2,036,766
8. Prior True-Up Collected/(Refunded)	(\$1,130,823)	(\$1,130,823)	(\$1,130,823)	(\$1,130,823)	(\$1,130,823)	(\$1,130,823)	(\$1,130,823)	(\$1,130,823)	(\$1,130,823)	(\$1,130,823)	(\$1,130,823)	(\$1,130,823)	(\$13,569,877)
9. End of Period True-Up - Over/(Under) Recovery (Line 5+6+7+7a+8)	\$15,960,521	\$16,322,523	\$15,758,643	\$15,352,706	\$15,251,962	\$12,330,927	\$11,583,708	\$10,564,802	\$6,877,812	\$6,269,318	\$6,590,467	\$4,276,518	\$4,276,518

Note: Totals may not add due to rounding.

FLORIDA POWER AND LIGHT COMPANY
ENERGY CONSERVATION COST RECOVERY
CONSERVATION TRUE-UP CALCULATION

SCHEDULE C-3

JANUARY THROUGH JUNE 2020 ACTUAL - JULY THROUGH DECEMBER 2020 ESTIMATED

INTEREST PROVISION	January Actual	February Actual	March Actual	April Actual	May Actual	June Actual	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	TOTAL
1. Beginning True-Up Amount (Page 24, Line 7+7a)	\$15,606,643	\$15,960,521	\$16,322,523	\$15,758,643	\$15,352,706	\$15,251,962	\$12,330,927	\$11,583,708	\$10,564,802	\$6,877,812	\$6,269,318	\$6,590,467	\$148,470,031
2. Ending True-Up Amount Before Interest (Page 24, Line 5+7+7a+8)	\$15,939,293	\$16,301,016	\$15,733,466	\$15,338,000	\$15,251,069	\$12,329,778	\$11,582,512	\$10,563,694	\$6,876,939	\$6,268,660	\$6,589,824	\$4,275,974	\$137,050,226
3. Total of Beginning & Ending True-Up (Line 1 + 2)	\$31,545,936	\$32,261,536	\$32,055,989	\$31,096,642	\$30,603,775	\$27,581,739	\$23,913,439	\$22,147,402	\$17,441,740	\$13,146,471	\$12,859,141	\$10,866,441	\$285,520,252
4. Average True-Up Amount (50% of Line 3)	\$15,772,968	\$16,130,768	\$16,027,994	\$15,548,321	\$15,301,887	\$13,790,870	\$11,956,719	\$11,073,701	\$8,720,870	\$6,573,236	\$6,429,571	\$5,433,220	\$142,760,126
5. Interest Rate - First Day of Reporting Business Month	1.59000%	1.64000%	1.56000%	2.21000%	0.06000%	0.08000%	0.12000%	0.12000%	0.12000%	0.12000%	0.12000%	0.12000%	7.86000%
6. Interest Rate - First Day of Subsequent Business Month	1.64000%	1.56000%	2.21000%	0.06000%	0.08000%	0.12000%	0.12000%	0.12000%	0.12000%	0.12000%	0.12000%	0.12000%	6.39000%
7. Total (Line 5 + 6)	3.23000%	3.20000%	3.77000%	2.27000%	0.14000%	0.20000%	0.24000%	0.24000%	0.24000%	0.24000%	0.24000%	0.24000%	14.25000%
8. Average Interest Rate (50% of Line 7)	1.61500%	1.60000%	1.88500%	1.13500%	0.07000%	0.10000%	0.12000%	0.12000%	0.12000%	0.12000%	0.12000%	0.12000%	7.12500%
9. Monthly Average Interest Rate (Line 8 / 12)	0.13458%	0.13333%	0.15708%	0.09458%	0.00583%	0.00833%	0.01000%	0.01000%	0.01000%	0.01000%	0.01000%	0.01000%	0.59375%
10. Interest Provision for the Month (Line 4 x 9)	\$21,228	\$21,508	\$25,177	\$14,706	\$893	\$1,149	\$1,196	\$1,107	\$872	\$657	\$643	\$543	\$89,679

Note: Totals may not add due to rounding.

FPL DSM Program & Pilot Descriptions

FPL's DSM programs are designed to reduce energy consumption and growth of coincident peak demand.

1. Residential Home Energy Survey (HES)

This program educates customers on energy efficiency and encourages implementation of recommended practices and measures, even if these are not included in FPL's DSM programs. The HES is also used to identify potential candidates for other FPL DSM programs.

2. Residential Ceiling Insulation

This program encourages customers to improve the home's thermal efficiency.

3. Residential Load Management (On-Call)

This program allows FPL to turn off certain customer-selected appliances using FPL-installed equipment during periods of extreme demand, capacity shortages, system emergencies, or system frequency regulation.

4. Residential Air Conditioning

This program encourages customers to install high-efficiency central air conditioning systems.

5. Residential New Construction (BuildSmart®)

This program encourages builders and developers to design and construct new homes that achieve BuildSmart® certification and move towards ENERGY STAR® qualifications.

6. Residential Low Income

This program assists low income customers through FPL-conducted Energy Retrofits and state Weatherization Assistance Provider (WAP) agencies.

7. Business On Call

This program allows FPL to turn off customers' direct expansion central air conditioning units using FPL-installed equipment during periods of extreme demand, capacity shortages or system emergencies.

8. Cogeneration and Small Power Production

This program facilitates the interconnection and administration of contracts for co-generators and small power producers.

Schedule C-5

9. Business Lighting

This program encourages customers to install high-efficiency lighting systems.

10. Commercial/Industrial Load Control (CILC)

This program allows FPL to control customer loads of 200 kW or greater during periods of extreme demand, capacity shortages or system emergencies. It was closed to new participants as of December 31, 2000. It is available to existing participants who had entered into a CILC agreement as of March 19, 1996.

11. Commercial/Industrial Demand Reduction (CDR)

This program allows FPL to control customer loads of 200 kW or greater during periods of extreme demand, capacity shortages or system emergencies.

FPL DSM Program & Pilot Descriptions (cont'd)

12. Business Energy Evaluation (BEE)

This program educates customers on energy efficiency and encourages implementation of recommended practices and measures, even if these are not included in FPL's DSM programs. The BEE is also used to identify potential candidates for other FPL DSM programs

13. Business Heating, Ventilating & AC (HVAC)

This program encourages customers to install high-efficiency HVAC systems.

14. Business Custom Incentive (BCI)

This program encourages customers to install unique high-efficiency technologies not covered by other FPL DSM programs.

15. Conservation Research & Development (CRD) Project

This project consists of research studies designed to: identify new energy efficient technologies; evaluate and quantify their impacts on energy, demand and customers; and where appropriate and cost-effective, incorporate an emerging technology into a DSM program.

16. Common Expenses

For administrative efficiency this includes all costs that are not specifically attributable to a particular program.

Schedule C-5

Florida Power & Light Company
Program Progress - 2020 Actual/Estimated and 2021 Projection

Pgm. No.	Program Title	2020 Actual/Estimated	2021 Projection	Progress Summary (Inception through June 2020)
1	Residential Energy Survey	Surveys = 91,625 Cost = \$12,961,600	Surveys = 100,000 Cost = \$13,605,270	Surveys = 4,129,928
2	Residential Ceiling Insulation	Participants = 2,375 Cost = \$561,885	Participants = 4,150 Cost = \$892,576	Participants = 583,430
3	Residential Load Management (On Call)	Participants = 6,354 Cost = \$44,488,312	Participants = 5,975 Cost = \$41,888,465	Participants = 684,506
4	Residential Air Conditioning	Participants = 20,051 Cost = \$3,426,572	Participants = 22,100 Cost = \$3,661,554	Participants = 1,979,758
5	Residential New Construction (BuildSmart®)	Participants = 3,117 Cost = \$527,211	Participants = 3,525 Cost = \$554,376	Participants = 52,583
6	Residential Low-Income	Participants = 6,078 Cost = \$945,111	Participants = 5,750 Cost = \$1,001,974	Participants = 20,380
7	Business On Call	kW = 504 Cost = \$3,230,328	kW = 958 Cost = \$3,378,475	MW under contract = 78
8	Cogeneration & Small Power Production	MW = 444 GWh = 1,221 Cost = \$114,501	MW = 114 GWh = 1,216 Cost = \$33,018	MW and GWh represent contracted purchase power Firm Producers = 4 As Available Producers = 12
9	Business Lighting	kW = 2,793 Cost = \$344,887	kW = 4,241 Cost = \$492,713	kW = 312,174
10	Commercial/Industrial Load Control (CILC)	Closed to new participants Cost = \$44,798,377	Closed to new participants Cost = \$45,522,597	MW under contract = 466
11	Commercial/Industrial Demand Reduction	kW = 26,202 Cost = \$28,126,871	kW = 10,003 Cost = \$29,669,051	MW under contract = 320
12	Business Energy Evaluation	Evaluations = 5,309 Cost = \$7,768,691	Evaluations = 31,500 Cost = \$7,898,377	Evaluations = 256,433
13	Business Heating, Ventilating and Air Conditioning	kW = 7,783 Cost = \$4,672,624	kW = 11,409 Cost = \$7,049,696	kW = 430,105
14	Business Custom Incentive	kW = 64 Cost = \$22,711	kW = 106 Cost = \$30,890	kW = 54,866
15	Conservation Research & Development	Cost = \$115,353	Cost = \$806,350	See Schedule C-5, Page 28
16	Business Photovoltaic for Schools⁽¹⁾	Cost = \$247,292	Discontinued	Not Applicable
17	Common Expenses	Cost = \$6,560,430	Cost = \$6,419,405	Not Applicable

(1) Recovery of Depreciation and Return
 kW and MW reduction are at the generator

Schedule C-5

Conservation Research & Development (CRD) Program

In 2021, FPL plans to evaluate the energy efficiency and demand response capabilities and benefits for participating and non-participating customers of potential next-generation technologies such as residential smart circuit breakers, relays and panel boards. FPL expects to identify and study other similarly nascent technologies as well.

In addition, FPL will continue its participation with Electric Power Research Institute (EPRI) research projects which produce an “EE Technology Readiness Guide” providing participating utilities with up-to-date readiness assessments of technologies in various stages of development and enables comparisons among these technologies. The technologies are currently being assessed through multiple EPRI programs such as the Technology Innovation program and the End-Use Energy Efficiency and Demand Response research program. Participation in these collaborative projects with EPRI allows FPL to cost-efficiently gain this information by leveraging co-funding with other utilities.

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

In Re: Conservation Cost Recovery

Docket No.: 20200002-EG

Clause

Filed: August 6, 2020

ERRATA SHEET

May 4, 2020 Testimony and Exhibit of John N. Floyd

TESTIMONY

<u>Page No.</u>	<u>Line No.</u>	<u>Change</u>
Page 2	Line 20	Change "9,607,626" to "9,609,490"
Page 2	Line 21	Change "725,701" to "723,837"
Page 3	Line 7	Change "725,701" to "723,837"
Page 3	Line 14	Change "970,447" to "981,017"

EXHIBIT JNF-1

<u>Schedule</u>	<u>Description</u>
CT-1	See Revised Schedule CT-1 attached hereto
CT-2	See Revised Schedule CT-2 attached hereto
CT-3	See Revised Schedule CT-3 attached hereto Pages 1 through 5 of 5
CT-4	See Revised Schedule CT-4 attached hereto
CT-6	See Revised Schedule CT-6 attached hereto

Note: All revisions are highlighted in blue

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20200002-EG EXHIBIT: 8
PARTY: JNF-1
DESCRIPTION: Schedules CT-1 through
CT-6

INDEX

Schedule No.	Title	Page(s)
CT-1	Adjusted net True-Up, January 2019 Through December 2019	2
CT-2	Analysis of Energy Conservation Program Costs	3
CT-3	Energy Conservation Adjustment	4-8
CT-4	Schedule of Capital Investments, Depreciation and Return	9
CT-5	Reconciliation and Explanation of Differences Between Filing and Audit	10
CT-6	Program Descriptions and Progress Reports	11-25

Schedule CT-1

Gulf Power Company
 ENERGY CONSERVATION COST RECOVERY (ECCR)
 Calculation of the Final True-Up Amount
For the Period: January 2019 - December 2019

	<u>\$</u>	<u>\$</u>
Actual		
1. Principal	5,437,401	
2. Interest	<u>89,010</u>	
3. Actual Over/(Under) Recovery Ending Balance		5,526,411
Estimated/Actual as filed August 19, 2019		
4. Principal	4,468,843	
5. Interest	<u>76,551</u>	
6. Total Estimated/Actual Over/(Under) Recovery		<u>4,545,394</u>
7. Adjusted Net True-up Over/(Under) Recovery (Line 3 - 6)		<u><u>981,017</u></u>

Schedule CT-2

Gulf Power Company
ENERGY CONSERVATION COST RECOVERY (ECCR)
Calculation of the Final True-Up Amount
For the Period: January 2019 - December 2019

**Analysis of Energy Conservation Program Costs
Actual Compared to Estimated/Actual**

	<u>Actual</u>	<u>Est/Actual</u>	<u>Difference</u>
	\$	\$	\$
1. Depreciation, Return & Property Tax	3,217,023.50	3,218,013.19	(989.69)
2. Payroll & Benefits	2,448,747.34	2,387,328.00	61,419.34
3. Materials & Supplies	3,008,425.86	3,097,126.31	(88,700.45)
4. Advertising	23,088.00	262,583.00	(239,495.00)
5. Incentives	911,523.74	1,368,276.71	(456,752.97)
6. Adjustments	0.00	0.00	0.00
7. Other	681.36	0.00	681.36
8. Subtotal	9,609,489.80	10,333,327.21	(723,837.41)
9. Program Revenues	0.00	0.00	0.00
10. Total Program Costs	9,609,489.80	10,333,327.21	(723,837.41)
11. Less: Payroll Adjustment	0.00	0.00	0.00
12. Amounts Inc. in Base Rate	0.00	0.00	0.00
13. Conservation Adjustment Revenues	12,645,068.26	12,400,347.32	244,720.94
14. Rounding Adjustment	12,645,068.00	12,400,347.00	244,721.00
15. True-up Before Adjustment Over/(Under) Recovery	3,035,579	2,067,021	968,558
16. Interest Provision	89,010	76,551	12,459
17. Prior Period True-up	2,401,822	2,401,822	0
18. Other	0	0	0
19. End of Period True-up	5,526,411	4,545,394	981,017

Gulf Power Company

ENERGY CONSERVATION COST RECOVERY (ECCR)
Calculation of the Final True-Up Amount
For the Period: January 2019 - December 2019

**Conservation Costs By Program
Variance Actual Vs. Estimated/Actual**

Program	Capital Return, Property Taxes & Depreciation	Payroll & Benefits	Material & Expenses	Other	Advertising	Incentives	Sub-Total	Program Revenues	Total
Residential Conservation Programs:									
1. Residential Energy Audit and Education	0.00	(80,879.00)	113,985.00	0.00	(117,937.00)	0.00	(84,831.00)	0.00	(84,831.00)
2. Community Energy Saver	0.00	(699.13)	(75,657.38)	0.00	0.00	0.00	(76,356.51)	0.00	(76,356.51)
3. Residential Custom Incentive	0.00	3,256.31	(413.34)	0.00	0.00	0.00	2,842.97	0.00	2,842.97
4. HVAC Efficiency	0.00	38,328.91	(240,548.42)	0.00	0.00	(240,963.00)	(443,182.51)	0.00	(443,182.51)
5. Residential Building Efficiency	0.00	(21,838.40)	(17,004.99)	0.00	0.00	(158,302.90)	(197,146.29)	0.00	(197,146.29)
6. Energy Select	(989.69)	63,514.00	156,864.89	681.36	(121,558.00)	0.00	98,512.56	0.00	98,512.56
Commercial / Industrial Conservation Programs:									
7. Commercial / Industrial Energy Audit	0.00	37,098.15	(187.63)	0.00	0.00	0.00	36,910.52	0.00	36,910.52
8. HVAC Retrocommissioning	0.00	5,907.28	7,693.97	0.00	0.00	(9,950.00)	3,651.25	0.00	3,651.25
9. Commercial Building Efficiency	0.00	14,252.48	(22,051.60)	0.00	0.00	(47,537.07)	(55,336.19)	0.00	(55,336.19)
10. Commercial / Industrial Custom Incentive	0.00	2,478.74	(1,380.95)	0.00	0.00	0.00	1,097.79	0.00	1,097.79
11. Residential Time of Use Rate Pilot	0.00	0.00	(10,000.00)	0.00	0.00	0.00	(10,000.00)	0.00	(10,000.00)
12. Conservation Demonstration and Developme	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13. Critical Peak Option	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14. Curtailable	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15. Less Base Rate Recovery	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
16. Total All Programs	(989.69)	61,419.34	(88,700.45)	681.36	(239,495.00)	(456,752.97)	(723,837.41)	0.00	(723,837.41)

Gulf Power Company
ENERGY CONSERVATION COST RECOVERY (ECCR)
Calculation of the Final True-Up Amount
For the Period: January 2019 - December 2019

**Conservation Costs By Program
Actual Expenses**

Program	Capital Return, Property Taxes & Depreciation	Payroll & Benefits	Material & Expenses	Other	Advertising	Incentives	Sub-Total	Program Revenues	Total
Residential Conservation Programs:									
1. Residential Energy Audit and Education	0.00	771,714.00	143,751.00	0.00	(13,330.00)	0.00	902,135.00	0.00	902,135.00
2. Community Energy Saver	0.00	76,770.87	628,412.12	0.00	0.00	0.00	705,182.99	0.00	705,182.99
3. Residential Custom Incentive	0.00	54,405.31	161.73	0.00	0.00	0.00	54,567.04	0.00	54,567.04
4. HVAC Efficiency	0.00	183,886.91	283,363.48	0.00	0.00	24,037.00	491,287.39	0.00	491,287.39
5. Residential Building Efficiency	0.00	159,071.60	35,324.45	0.00	0.00	181,306.10	375,702.15	0.00	375,702.15
6. Energy Select	3,217,023.50	462,848.00	1,827,705.00	681.36	36,418.00	0.00	5,544,675.86	0.00	5,544,675.86
Commercial / Industrial Conservation Programs:									
7. Commercial / Industrial Energy Audit	0.00	453,066.15	19,040.33	0.00	0.00	0.00	472,106.48	0.00	472,106.48
8. HVAC Retrocommissioning	0.00	80,451.28	51,416.62	0.00	0.00	100.00	131,967.90	0.00	131,967.90
9. Commercial Building Efficiency	0.00	176,626.48	18,559.97	0.00	0.00	44,867.93	240,054.38	0.00	240,054.38
10. Commercial / Industrial Custom Incentive	0.00	29,906.74	691.16	0.00	0.00	0.00	30,597.90	0.00	30,597.90
11. Residential Time of Use Rate Pilot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Conservation Demonstration and Development:									
a. Tesla Powerwall Demand Response	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
b. Tesla Powerwall Demand Photovoltaic	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
c. Domestic Hot Water Analysis	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
d. Smart Thermostat/Meter Data Analysis	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
e. Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13. Critical Peak Option	0.00	0.00	0.00	0.00	0.00	571.72	571.72	0.00	571.72
14. Curtailable	0.00	0.00	0.00	0.00	0.00	660,640.99	660,640.99	0.00	660,640.99
15. Total All Programs	3,217,023.50	2,448,747.34	3,008,425.86	681.36	23,088.00	911,523.74	9,609,489.80	0.00	9,609,489.80

Gulf Power Company
ENERGY CONSERVATION COST RECOVERY (ECCR)
Calculation of the Final True-Up Amount
For the Period: January 2019 - December 2019

Conservation Costs By Program
Summary of Actual Expenses By Program By Month

Program	January	February	March	April	May	June	July	August	September	October	November	December	Total
Residential Conservation Programs:													
1. Residential Energy Audit and Education	39,819.50	35,694.10	165,294.34	3,023.71	79,457.01	105,692.70	70,503.36	61,127.48	50,929.72	93,388.08	96,075.52	101,129.48	902,135.00
Amortization & Return on Investment	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	39,819.50	35,694.10	165,294.34	3,023.71	79,457.01	105,692.70	70,503.36	61,127.48	50,929.72	93,388.08	96,075.52	101,129.48	902,135.00
2. Community Energy Saver	30,665.51	3,740.97	171,568.08	10,090.55	75,352.92	106,617.72	126,465.01	(54,245.52)	87,867.84	81,913.05	71,120.10	(5,973.24)	705,182.99
3. Residential Custom Incentive	2,414.69	1,341.37	13,046.83	6,272.26	5,595.96	5,128.96	(248.28)	5,548.04	3,674.41	3,565.99	4,065.53	4,161.28	54,567.04
4. HVAC Efficiency	144,469.49	(98,126.30)	87,056.19	66,556.39	92,127.72	(1,837.59)	46,806.42	66,736.15	52,525.98	47,057.64	49,159.08	(61,243.78)	491,287.39
5. Residential Building Efficiency	19,369.13	15,922.42	75,383.50	19,582.43	56,640.11	33,155.13	40,265.74	29,825.46	21,199.97	32,968.25	11,523.62	19,876.39	375,702.15
6. Energy Select	205,028.10	217,499.70	492,426.25	168,520.98	141,928.41	26,645.67	77,132.93	296,590.79	612,439.37	(244,796.33)	36,448.29	297,788.20	2,327,652.36
Amortization & Return on Investment	270,294.23	269,723.24	268,391.33	267,209.60	266,425.85	265,688.20	266,693.46	267,239.12	267,110.99	269,743.28	270,306.09	268,198.11	3,217,023.50
Total	475,322.33	487,222.94	760,817.58	435,730.58	408,354.26	292,333.87	343,826.39	563,829.91	879,550.36	24,946.95	306,754.38	565,986.31	5,544,675.86
Commercial / Industrial Conservation Programs:													
7. Commercial / Industrial Energy Audit	17,020.03	15,668.42	89,453.26	13,390.00	43,514.58	38,551.69	39,376.14	53,130.42	38,037.70	38,697.10	42,270.97	42,996.17	472,106.48
8. HVAC Retrocommissioning	2,651.61	13,520.42	18,847.68	5,904.77	7,054.49	6,565.68	7,983.68	9,839.28	7,037.30	6,496.87	23,262.35	22,803.77	131,967.90
9. Commercial Building Efficiency	7,139.58	9,322.69	36,023.67	10,119.71	42,796.48	1,801.44	36,193.09	30,586.76	17,792.42	14,313.07	15,922.07	18,043.40	240,054.38
10. Commercial / Industrial Custom Incentive	1,598.15	(140.75)	7,642.11	4,088.02	2,561.48	2,383.10	(1,890.94)	3,692.96	2,448.32	2,336.48	3,261.02	2,617.95	30,597.90
11. Residential Time of Use Rate Pilot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12. Conservation Demonstration and Development:													
a. Tesla Powerwall Demand Response	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
b. Tesla Powerwall Demand Photovoltaic	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
c. Domestic Hot Water Analysis	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
d. Smart Thermostat/Meter Data Analysis	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
e. Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13. Critical Peak Option	5,155.24	(4,583.52)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	571.72
14. Curtailable Load	55,482.77	53,059.82	55,209.84	55,209.84	55,209.84	55,209.84	55,209.84	55,209.84	55,209.84	55,209.84	55,209.84	55,209.84	660,640.99
15. Total All Programs	801,108.03	532,642.58	1,480,343.08	629,968.26	868,664.85	645,602.54	764,490.45	825,280.78	1,216,273.86	400,883.32	678,624.48	765,607.57	9,609,489.80

Gulf Power Company
ENERGY CONSERVATION COST RECOVERY (ECCR)
Calculation of the Final True-Up Amount
For the Period: January 2019 - December 2019

**Conservation Costs By Program
Calculation of Over/Under Recovery**

Conservation Revenues	January	February	March	April	May	June	July	August	September	October	November	December	Total
1. Energy/Select RSVP Fees	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2. Over/(Under) Recovery	939,015.70	755,920.32	831,856.11	818,219.22	1,303,678.06	1,244,013.68	1,465,961.16	1,417,290.24	1,345,628.07	1,157,668.88	784,707.35	581,109.47	12,645,068.26
3. Total Revenues	939,015.70	755,920.32	831,856.11	818,219.22	1,303,678.06	1,244,013.68	1,465,961.16	1,417,290.24	1,345,628.07	1,157,668.88	784,707.35	581,109.47	12,645,068.26
4. Adjustment not Applicable to Period - Prior True Up	167,663.00	167,661.00	167,661.00	167,661.00	167,661.00	167,661.00	167,661.00	167,661.00	167,661.00	167,661.00	167,661.00	167,661.00	2,011,934.00
5. Conservation Revenues Applicable to Period	1,106,678.70	923,581.32	999,517.11	985,880.22	1,471,339.06	1,411,674.68	1,633,622.16	1,584,951.24	1,513,289.07	1,325,329.88	952,368.35	748,770.47	14,657,002.26
6. Conservation Expenses (CT-3, Page 3, Line 15)	801,108.03	532,642.58	1,480,343.08	629,968.26	868,664.85	645,602.54	764,490.45	825,280.78	1,216,273.86	400,883.32	678,624.48	765,607.57	9,609,489.80
7. True Up this Period (Line 5 - 6)	305,570.67	390,938.74	(480,825.97)	355,911.96	602,674.21	766,072.14	869,131.71	759,670.46	297,015.21	924,446.56	273,743.87	(16,837.10)	5,047,512.46
8. Interest Provision this Period (CT-3, Page 5, Line 11)	4,972.44	5,334.82	4,989.98	4,549.82	5,101.42	6,009.06	6,847.11	7,559.01	7,939.03	7,847.11	7,808.09	20,051.97	89,009.86
9. True Up & Interest Provision Beginning of Month	2,401,822.63	2,544,702.74	2,773,315.30	2,129,818.31	2,322,619.09	2,762,733.72	3,367,153.92	4,075,471.74	4,675,040.21	4,812,333.45	5,576,966.12	5,690,857.08	2,401,822.63
10. Prior True Up Collected or Refunded	(167,663.00)	(167,661.00)	(167,661.00)	(167,661.00)	(167,661.00)	(167,661.00)	(167,661.00)	(167,661.00)	(167,661.00)	(167,661.00)	(167,661.00)	(167,661.00)	(2,011,934.00)
11. End of Period- Net True Up	2,544,702.74	2,773,315.30	2,129,818.31	2,322,619.09	2,762,733.72	3,367,153.92	4,075,471.74	4,675,040.21	4,812,333.45	5,576,966.12	5,690,857.08	5,526,410.95	5,526,410.95

Gulf Power Company
ENERGY CONSERVATION COST RECOVERY (ECCR)
Calculation of the Final True-Up Amount
For the Period: January 2019 - December 2019

**Computation of Interest Expense
Energy Conservation Adjustment**

Interest Provision	January	February	March	April	May	June	July	August	September	October	November	December	Total
1. Beginning True up Amount	2,401,822.63	2,544,702.74	2,773,315.30	2,129,818.31	2,322,619.09	2,762,733.72	3,367,153.92	4,075,471.74	4,675,040.21	4,812,333.45	5,576,966.12	5,690,857.08	
2. Ending True up before Interest	2,539,730.30	2,767,980.48	2,124,828.33	2,318,069.27	2,757,632.30	3,361,144.86	4,068,624.63	4,667,481.20	4,804,394.42	5,569,119.01	5,683,048.99	5,506,358.98	
3. Total beginning & ending	4,941,552.93	5,312,683.22	4,898,143.63	4,447,887.58	5,080,251.39	6,123,878.58	7,435,778.55	8,742,952.94	9,479,434.63	10,381,452.46	11,260,015.11	11,197,216.06	
4. Average True up Amount	2,470,776.47	2,656,341.61	2,449,071.82	2,223,943.79	2,540,125.70	3,061,939.29	3,717,889.28	4,371,476.47	4,739,717.32	5,190,726.23	5,630,007.56	5,598,608.03	
5. Interest Rate First Day Reporting Business Month	2.4200	2.4100	2.4100	2.4800	2.4300	2.3900	2.3200	2.1000	2.0500	1.9700	1.6600	1.6700	
6. Interest Rate First Day Subsequent Business Month	2.4100	2.4100	2.4800	2.4300	2.3900	2.3200	2.1000	2.0500	1.9700	1.6600	1.6700	1.5900	
7. Total of Lines 5 and 6	4.8300	4.8200	4.8900	4.9100	4.8200	4.7100	4.4200	4.1500	4.0200	3.6300	3.3300	3.2600	
8. Average Interest rate (50% of Line 7)	2.4150	2.4100	2.4450	2.4550	2.4100	2.3550	2.2100	2.0750	2.0100	1.8150	1.6650	1.6300	
9. Monthly Average Interest Rate Line 8 \ 12	0.002013	0.002008	0.002038	0.002046	0.002008	0.001963	0.001842	0.001729	0.001675	0.001513	0.001388	0.001358	
10. Interest Adjustment										(3.86)	(3.55)	12,447.19	
11. Interest Provision (Line 4 X 9)	4,972.44	5,334.82	4,989.98	4,549.82	5,101.42	6,009.06	6,847.11	7,559.01	7,939.03	7,847.11	7,808.09	20,051.97	89,009.86

Gulf Power Company
ENERGY CONSERVATION COST RECOVERY (ECCR)
 Calculation of the Final True-Up Amount
For the Period: January 2019 - December 2019

**Schedule of Capital Investment, Depreciation and Return
 Energy Select**

Line No. Description	Beginning of Period	January	February	March	April	May	June	July	August	September	October	November	December	Total
1 Investments Added to Plant In Service (Net of Retirements)		13,222.61	(32,549.47)	0.00	0.00	0.00	0.00	95,093.59	11,046.68	114,148.44	111,954.03	6,882.83	(98,655.82)	
2 Depreciable Base (Cumulative Plant Additions PM Ln 2 + CM Ln 1)	17,150,780.93	17,164,003.54	17,131,454.07	17,131,454.07	17,131,454.07	17,131,454.07	17,131,454.07	17,224,547.66	17,235,594.34	17,349,742.78	17,461,696.81	17,468,579.64	17,369,923.82	
3 Depreciation Expense (Note A)		113,238.79	113,282.42	113,067.60	113,067.60	113,067.60	113,067.60	113,067.60	113,682.01	113,754.92	114,090.89	114,978.83	114,676.74	1,363,042.60
4 Salvage, Cost of Removal and Retirement		-	(32,549.47)	-	-	0.00	0.00	(84,730.67)	(72,477.43)	-	(438,371.20)	-	(148,610.55)	
5 Less: Accum. Depr. COR and Sal. (PM Ln 5 + CM Ln 3 + 4)	(6,688,749.55)	(6,555,510.76)	(6,474,777.81)	(6,361,710.21)	(6,248,642.61)	(6,135,575.01)	(6,022,507.41)	(5,994,170.48)	(5,952,965.90)	(5,839,210.98)	(6,163,491.29)	(6,047,830.13)	(6,081,763.94)	
6 Net Plant In Service (CM Ln 2 - CM Ln 5)	23,819,530.48	23,719,514.30	23,606,231.88	23,493,164.28	23,380,096.68	23,267,029.08	23,153,961.48	23,218,718.14	23,188,560.24	23,188,953.76	23,625,188.10	23,516,409.77	23,451,687.76	
7 Net Additions/Reductions to CWIP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
8 CWIP Balance (PM Ln 8 + CM Ln 7)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
9 Inventory	1,086,542.95	1,086,542.95	1,086,542.95	925,213.37	902,571.27	879,352.08	872,713.83	826,093.63	814,476.46	786,738.47	760,990.17	754,557.62	737,779.16	
10 Net Investment (CM Ln 6 + CM Ln 8 + CM Ln 9)	24,906,073.43	24,806,057.25	24,692,774.83	24,418,377.65	24,282,667.95	24,146,381.16	24,026,675.31	24,044,811.77	24,003,036.70	23,975,692.23	24,386,178.27	24,270,967.39	24,189,466.92	
11 Average Net Investment (PM Ln 10 + CM Ln 10/2)	24,856,065.94	24,749,416.04	24,555,576.24	24,350,522.80	24,214,524.56	24,086,528.24	24,035,743.54	24,023,924.24	23,989,364.47	24,384,123.55	24,328,231.58	24,230,217.16	24,230,217.16	
12 Rate of Return / 12 (Note B)	0.005763	0.005763	0.005763	0.005763	0.005763	0.005763	0.005763	0.005817	0.005817	0.005817	0.005817	0.005817	0.005766	
13 Return Requirement on Average Net Investment (CM Ln 11 + CM Ln 12)	143,245.50	142,630.88	141,513.79	140,332.06	139,548.31	139,548.31	138,810.66	139,815.92	139,747.17	139,546.13	141,842.45	141,517.32	139,711.43	1,686,261.62
14 Property Tax	13,809.94	13,809.94	13,809.94	13,809.94	13,809.94	13,809.94	13,809.94	13,809.94	13,809.94	13,809.94	13,809.94	13,809.94	13,809.94	165,719.28
15 Total Depreciation, Prop Taxes & Return (CM Ln 3 + CM Ln 13 + CM Ln 14)	270,294.23	269,723.24	268,391.33	267,209.60	266,425.85	266,425.85	265,688.20	266,683.46	267,239.12	267,110.99	269,743.28	270,306.09	268,198.11	3,217,023.50

Notes:
 (A) Energy Select Property Additions Depreciated at 2.7% per year.
 (B) Revenue Requirement Return (includes Income Taxes) is: Jan - Jun 5.763%; Jul - Nov 5.817%; Dec 5.766%.

CT-5

GULF POWER COMPANY

Reconciliation and Explanation of
Differences Between Filing and FPSC Audit
Report for Months, January 2019 through December, 2019

The audit has not been completed as of the date of this Filing.

Program Description and Progress

Program Title: Residential Energy Audit and Education

Program Description: This program is the primary educational program to help customers improve the energy efficiency of their new or existing home by providing energy conservation advice and information that encourages the implementation of efficiency measures and behaviors resulting in energy and utility bill savings.

Program Accomplishments:

- Energy Audit – During 2019, Gulf performed 12,581 energy audits. These included 10,006 online audits, 694 in home audits, and 1,881 pre-construction audits.
- School-based Awareness and Education
 - Gulf provided professional development in energy-related science and math for 98 elementary, middle and high school teachers who reach an estimated 3,740 students daily. These teachers received continuing education credits, as well as hands-on energy, efficiency and renewable energy classroom materials and curriculum.
 - Gulf coordinated monthly activities with student energy teams at three schools, measuring energy use at the school and creating a plan to use energy wisely at school and home. Total student reach is 180 students directly.
 - Gulf continued to provide classroom demonstrations and hands-on energy-related activities in schools on a regular basis reaching nearly 225 students.
 - Gulf demonstrated energy efficiency and solar energy in “World of Energy” to approximately 2,500 eighth-grade students and their teachers from 20 schools during two-day state Skills USA competition and an additional 800 students in March at the Gulf Coast Science Festival.

Total direct reach was 7,445 students and 98 teachers.

Program Fiscal Expenditures: For 2019, Gulf projected \$986,966 of expenses compared to actual expenses of \$902,135, resulting in a variance of \$84,831 or 8.6% under the projection.

Program Progress Summary: Since the approval of this program, Gulf Power Company has performed 269,488 residential energy surveys.

Program Description and Progress

Program Title: Community Energy Saver Program

Program Description: This program assists low-income families with managing their energy costs. Through this program, qualifying customers receive the direct installation of conservation measures at no cost to them. The program also educates families on energy efficiency techniques and behavioral changes to help control their energy use and reduce their electricity expenses.

Program Accomplishments: During 2019, 2,499 of Gulf's customers received the measures included in this program compared to a projection of 3,022 participants, a difference of 523 to the projection.

Program Fiscal Expenditures: For 2019, Gulf projected expenses for this program of \$781,540 compared to actual expenses of \$705,183, resulting in a variance of \$76,357 or 9.8% under the projection.

Program Progress Summary: A total of 23,274 customers have received the efficiency measures included in the Community Energy Saver program since the program's launch in 2011.

Program Description and Progress

Program Title: Residential Custom Incentive Program

Program Description: This program is designed to increase energy efficiency in the residential rental property sector. This program promotes the installation of various energy efficiency measures available through other programs, such as HVAC maintenance and quality installation, high performance windows, reflective roofing and Energy Star Window A/Cs. Additional incentives will be included, as appropriate, to overcome the split-incentive barrier which exists in a landlord/renter situation. Moreover, this program promotes the installation of measures included in the Community Energy Saver Program by the landlord of multi-family properties.

Program Accomplishments: During 2019, no participants enrolled in this program. While there are no participants recorded in this year, Gulf continues to work with customers in the rental property sector.

Program Fiscal Expenditures: During 2019, \$51,724 in expenses were projected, compared to actual expenses of \$54,567, resulting in a variance of \$2,843 or 5.5% over the projection.

Program Progress Summary: Since its launch in 2011, one customer has participated in the Landlord/Renter Custom Incentive program.

Program Description and Progress

Program Title: HVAC Efficiency Improvement Program

Program Description: This program is designed to increase energy efficiency and improve HVAC cooling system performance for new and existing homes. These efficiencies are realized through:

- HVAC maintenance
- Duct repair
- HVAC Quality Installation

Program Accomplishments: During 2019, compared to the projection for 2019, the following participation was achieved:

Measure	2019 Year End Projection	2019 Actual Participation	Variance
HVAC maintenance	1,000	292	(708)
Duct repair	600	83	(517)
HVAC Quality Installation	1,200	669	(531)

Program Fiscal Expenditures: – For 2019, Gulf projected \$934,470 in expenses compared to actual expenses of \$491,287 resulting in a variance of \$443,183 or 47.4% under the projection.

Program Progress Summary: Since its launch in 2011, the following participation has been achieved:

Measure	Program to Date Actual Participation
HVAC maintenance	39,123
Duct repair	22,133
HVAC Quality Installation	2,552

Program Description and Progress

Program Title: Residential Building Efficiency Program

Program Description: The Residential Building Efficiency Program is designed as an umbrella efficiency program for existing and new residential customers to encourage the installation of eligible equipment and materials as a means of reducing energy and demand. The goals of the program are to increase awareness and customer demand for energy saving measures; to increase availability and market penetration; and to contribute toward long-term energy savings and peak demand reductions.

- High Performance Windows
- Reflective Roof
- ENERGY STAR Window A/C

Program Accomplishments: During 2019, compared to the projection for 2019, the following participation was achieved:

Measure	2019 Year End Projection	2019 Actual Participation	Variance
High Performance Windows	878	714	(164)
Reflective Roof	382	281	(101)
ENERGY STAR Window A/C	12	17	5

Program Fiscal Expenditures: For 2019, Gulf projected \$572,848 in expenses compared to actual expenses of \$375,702, resulting in a variance of \$197,146 or 34.4% under the projection.

Program Progress Summary: Since its launch in 2011, the following participation has been achieved:

Measure	Program to Date Actual Participation
High Performance Windows	5,956
Reflective Roof	2,074
ENERGY STAR Window A/C	865

Program Description and Progress

Program Title: Energy *Select*

Program Description: The overall program is designed to provide customers with a means of controlling their energy purchases by conveniently programming their heating and cooling systems and major appliances, such as electric water heaters and pool pumps, to respond automatically to prices that vary during the day and by season in relation to the Company's cost of producing or purchasing energy.

Program Accomplishments: During 2019, the Energy *Select* program experienced an addition of 836 participants compared to a projection of 588 or 248 over the projection.

Program Fiscal Expenditures: During 2019, there were projected expenses of \$5,446,163 compared with actual expenses of \$5,544,676. This results in a variance of \$98,513 or 1.8% over the projection.

Program Progress Summary: As of December 2019, there are 20,098 customer participating in the Energy *Select* program.

Program Description and Progress

Program Title: Commercial/Industrial Audit

Program Description: This program is designed to provide professional advice to Gulf's existing commercial and industrial customers on how to reduce and make the most efficient use of energy. This program covers from the smallest commercial customer, requiring only a walk-through survey, to the use of computer programs which will simulate several design options for very large, energy-intensive customers. Customers may participate by requesting a basic Energy Analysis Audit (EAA) provided through either an on-site survey or an on-line survey. A more comprehensive analysis can be provided by conducting a Technical Assistance Audit (TAA).

Program Accomplishments: During 2019, the Company performed 169 commercial/industrial audits. These included 109 walk-through audits and 60 on-line audits. The total projection for 2019 was 134 audits for a variance of 35 more participants than projected.

Program Fiscal Expenditures: For 2019, Gulf projected expenses of \$435,196 compared to actual expenses of \$472,106 for a variance of \$36,910 or 8.5% over the projection.

Program Progress Summary: Since this program was launched, 23,411 commercial/industrial audits have been performed.

Program Description and Progress

Program Title: Commercial HVAC Retrocommissioning Program

Program Description: This program offers basic retrocommissioning at a reduced cost for qualifying installations of existing commercial and industrial customers. It is designed to diagnose the performance of the HVAC cooling unit(s) operating in commercial buildings with the support of an independent computerized quality control process and to make improvements to the system to bring it to full efficiency. This program includes air cooled and water cooled equipment – identified as A/C, heat pump, direct expansion (DX) or geothermal cooling and heating.

Program Accomplishments: During 2019, 7 customers participated in this program compared to a projection of 14 participants, resulting in a variance of 7 fewer participants than projected.

Program Fiscal Expenditures: For 2019, the Company projected \$128,317 in program expenses compared to actual expenses of \$131,968, resulting in a variance of \$3,651 or 2.8% over the projection.

Program Progress Summary: Since its launch in 2011, 1,311 customers have participated in this program.

Program Description and Progress

Program Title: Commercial Building Efficiency Program

Program Description: This program is designed as an umbrella efficiency program for existing commercial and industrial customers to encourage the installation of eligible high-efficiency equipment as a means of reducing energy and demand. The goals of the program are to increase awareness and customer demand for high-efficiency, energy-saving equipment; increase availability and market penetration of energy efficient equipment; and contribute toward long-term energy savings and peak demand reductions. These goals will be accomplished through commercial geothermal heat pumps, ceiling/roof insulation, and reflective roofs.

Program Accomplishments: During 2019, compared to the 2019 projection, the measures in this program have had the following participation:

Program	Annual Projections (2019)	Actual Participation (2019)	Variance
Commercial Geothermal Heat Pump (tons of installed HVAC)	170	71	(99)
Ceiling/Roof Insulation (square feet)	71,436	29,765	(41,671)
Commercial Reflective Roof (square feet)	821,210	555,308	(265,902)

Program Fiscal Expenditures: During 2019, the Company projected \$295,391 in expenses compared to actual expenses of \$240,054 for a variance of \$55,337 or 18.7% under the projection.

Program Progress Summary: Since its launch in 2011, customer participation is shown in the table below.

Program	Program to Date Participation
Commercial Geothermal Heat Pump (tons of installed HVAC)	649
Ceiling/Roof Insulation (square feet)	474,300
Commercial Reflective Roof (square feet)	4,097,164

Program Description and Progress

Program Title: Commercial/Industrial Custom Incentive

Program Description: This program is designed to establish the capability and process to offer advanced energy services and energy efficient end-user equipment to Commercial/Industrial customers. These energy services include comprehensive audits, design, and construction of energy conservation projects. Specifically, projects covered under this program would be demand reduction or efficiency improvement retrofits that are beyond the scope of other programs.

Program Accomplishments: During 2019, there were no participants in this program.

Program Fiscal Expenditures: During the reporting period, the Company projected expenses of \$29,500 compared to actual expenses of \$30,598, resulting in a variance of \$1,098, or 3.7% over the projection.

Program Progress Summary: Since its launch in 2011, 15 customers have participated in the Commercial/Industrial Custom Incentive program resulting in at the meter reductions of 7,070,333 kWh (energy), 741 winter kW (demand) and 1,151 summer kW (demand).

Program Description and Progress

Program Title: Critical Peak Option (CPO)

Program Description: This program offers customers on Gulf Power's Large Power Time of Use (LPT) rate schedule an option to receive credits for capacity that can be reduced during peak load conditions (critical peak events). The program provides a fixed, per KW credit for measured On-Peak Demand and a Critical Peak Demand Charge for any measured demand recorded during a called critical peak event.

Program Accomplishments: During the first six months of 2019, one customer participated in this program. As of December 2019, no customers were enrolled in this program.

Program Fiscal Expenditures: During the reporting period, the Company projected expenses of \$572 compared to actual expenses of \$572, resulting in a variance of \$0 or 0% over/under the projection.

Program Progress Summary: This program became a part of Gulf's DSM Plan effective July 1, 2017 pursuant to Gulf's Stipulation and Settlement Agreement approved by the Commission in Order No. PSC-17-0178-S-EI dated May 16, 2017.

Program Description and Progress

Program Title: Curtailable Load (CL) Rider

Program Description: The CL Rider provides qualifying customers capacity payments for load which can be curtailed during certain conditions. Customers who qualify for the program must commit to a minimum non-firm demand reduction of 4,000 kilowatts (kW). Customers enrolling in the program enter into a CL Service Agreement with Gulf Power for a ten-year period beyond the date of the next planned generating unit addition. The pilot program will be closed to additional customers when the total non-firm demand subject to CL Service Agreements reaches 50 megawatts.

Program Accomplishments: During 2019, there were 24 customers participating in this program.

Program Fiscal Expenditures: During 2019 the Company projected expenses of \$660,641 compared to actual expenses of \$660,641 resulting in a variance of \$0 or 0% under/over the projection.

Program Progress Summary: This program became a part of Gulf's DSM Plan effective May 2018 pursuant to Commission in Order No. PSC-2018-0159-PAA-EI dated March 21, 2018. Since its launch 24 customers have participated in this program.

Program Description and Progress

Program Title: Residential Service Time of Use Pilot Program

Program Description: The Residential Service Time of Use (RSTOU) rate pilot provides residential customers the opportunity to use customer-owned equipment to respond automatically and take advantage of a variable pricing structure with a critical peak credit component. In order to control program expenses and facilitate monitoring and evaluation, the pilot was initially offered to a group of approximately 400 residential customers who meet the program standards. In order to further encourage customers to utilize a qualifying Wi-Fi enabled thermostat, the RSTOU pilot offers customers a per event credit for allowing their thermostat to automatically adjust customers' HVAC equipment settings during a critical event period. This option puts the customer in complete control of their energy purchase without utility-owned equipment. The objective of this pilot was to measure customer response to a variable price rate with customer-owned equipment. Customers have an opportunity for additional savings by shifting energy purchases to the lower priced periods, while providing peak demand reduction during the high and critical periods.

The company submitted a final report on the results of this pilot program in August 2018.

Program Accomplishments: As of December 2019, 300 of the original 330 customers continued participation in this program.

Program Fiscal Expenditures: During 2019, the Company projected expenses of \$10,000 compared to actual expenses of \$0, resulting in a variance of \$10,000 or 100% under the projection.

Program Progress Summary: Since its launch in February 2016, 330 customers have participated in this program.

Program Description and Progress

Program Title: Conservation Demonstration and Development

Program Description: A package of conservation programs was approved by the FPSC in Order No. 23561 for Gulf Power Company to explore and to pursue research, development, and demonstration projects designed to promote energy efficiency and conservation. This program serves as an umbrella program for the identification, development, demonstration and evaluation of new or emerging end-use technologies.

Program Accomplishments:

Gulf did not initiate any new research projects in 2019. Additionally, all final reports for completed research and development projects have been submitted.

Program Fiscal Expenditures: Program expenses were forecasted at \$0 for the period January through December 2019 compared to actual expenses of \$0 for a variance of \$0 or 0% over/under the projection.

GULF POWER COMPANY
ENERGY CONSERVATION COST RECOVERY CLAUSE
INDEX OF SCHEDULES

Schedule Number	Title	Pages
C-1	Summary of Cost Recovery Clause Calculation	2-4
C-2	Projected Program Costs for January 2021 - December 2021	5-7
C-3	Conservation Program Costs for January 2020 - June 2020 Actual July 2020 - December 2020 Estimated	8-14
C-4	Calculation of Conservation Revenues	15
C-5	Program Descriptions and Progress Reports	16-33
C-6	2021 ECCR Factors	34
C-7	Capital Structure and Cost Rates	35

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20200002-EG EXHIBIT: 9
PARTY: JNF-2
DESCRIPTION: Schedules C-1 through C-6

GULF POWER COMPANY
 ENERGY CONSERVATION CLAUSE
 SUMMARY OF PROJECTED COST RECOVERY CLAUSE CALCULATION
 For the Period: January, 2021 Through December, 2021

		\$
1.	Net Program Costs: Projected for 2021 (Schedule C-2 Page 2 of 3, Line 17)	11,154,212
2.	True Up Over/(Under) Recovery (Schedule C-3, Page 3 of 5, Line 11)	(1,891,091)
3.	Total (Line 1 + Line 2)	9,263,121
4.	Cost Subject to Revenue Taxes	9,263,121
5.	Revenue Tax	1.00072
6.	Total Recoverable Cost	9,269,790

Program costs are split in proportion to the current period split of demand-related and energy-related costs, see below. The allocation of projected ECCR costs between demand and energy is shown on schedule C-2, page 2 of 3, and is consistent with the methodology set forth in FPSC Order No. PSC-93-1845-FOF-EG.

7.	Total Cost	9,269,790
8.	Energy Related Costs	6,500,324
9.	Demand Related Costs (total)	2,769,466
10.	Demand Costs Allocated on 12 CP	2,556,430
11.	Demand Costs Allocated on 1/13 th	213,036

		Energy \$	* Demand \$	Total	Energy	Demand	Total Recoverable Costs Including Revenue Taxes
		\$	\$	\$	\$	\$	\$
12.	True Up	6,184,590	3,340,986	9,525,576	(1,228,697)	(663,756)	(1,892,453)
13.	Percentage	64.93%	35.07%	100.00%			
14.	Projected 2021	7,723,460	3,430,752	11,154,212	7,729,021	3,433,222	11,162,243
15.	Percentage	69.24%	30.76%	100.00%			
16.	Total				6,500,324	2,769,466	9,269,790

* Note: Demand dollars are half of Energy Select and all of Curtailable Load.

GULF POWER COMPANY
ENERGY CONSERVATION COST RECOVERY FACTORS
CALCULATION OF ENERGY & DEMAND ALLOCATION % BY RATE CLASS
For the Period: January, 2021 Through December, 2021

Rate Class	A	B	C	D	E	F	G	H	I
	Average 12 CP Load Factor at Meter	Jan - Dec 2021 Projected KWH Sales at Meter	Projected Avg 12 CP KW at Meter	Demand Loss Expansion Factor	Energy Loss Expansion Factor	Jan - Dec 2021 Projected KWH Sales at Generation	Projected Avg 12 CP KW at Generation	Jan - Dec 2021 Percentage of KWH Sales at Generation	Percentage of 12 CP KW Demand at Generation
RS, RSVP	58.270328%	5,396,609,000	1,057,230	1.00609343	1.00559591	5,426,807,938	1,063,672	50.56646%	58.08655%
GS	57.224449%	311,376,000	62,115	1.00608241	1.00559477	313,118,077	62,493	2.91760%	3.41272%
GSD, GSDT, GSTOU	74.102156%	2,481,479,000	382,275	1.00590017	1.00544671	2,494,994,896	384,530	23.24812%	20.99899%
LP, LPT	85.094449%	751,037,000	100,753	0.98747379	0.99210885	745,110,454	99,490	6.94287%	5.43312%
PX, PXT, RTP, SBS	84.969637%	1,644,662,000	220,958	0.96884429	0.97666479	1,606,283,467	214,073	14.96719%	11.69043%
OS - I / II	767.743332%	98,024,000	1,458	1.00619545	1.00560119	98,573,051	1,467	0.91849%	0.08009%
OS-III	98.645916%	46,881,000	5,425	1.00617773	1.00558881	47,143,009	5,459	0.43927%	0.29810%
TOTAL		10,730,068,000	1,830,213			10,732,030,892	1,831,185	100.000000%	100.000000%

Notes:
 Column A = Average 12 CP load factor based on actual 2015 load research data.
 Column B = Column A / (8760 hours x Column A), 8,760 is the number of hours in 12 months.
 Column C = Column B x Column A
 Column D = Column B x Column E
 Column E = Column C x Column D
 Column F = Column F / Total Column F
 Column G = Column G / Total Column G

GULF POWER COMPANY
ENERGY CONSERVATION COST RECOVERY FACTORS
CALCULATION OF ENERGY & DEMAND ALLOCATION % BY RATE CLASS
For the Period: January, 2021 Through December, 2021

Rate Class	A Jan - Dec 2021 Percentage of KWH Sales at Generation	B Percentage of 12 CP KW Demand at Generation	C Demand Allocation 12CP 1/13 th	D Energy Allocation	E Energy Allocation	F Total Conservation Costs	G Jan - Dec 2021 Projected KWH Sales at Meter	H Conservation Recovery Factor cents per KWH
RS, RSVP	50.56646%	58.08655%	\$1,484,942	\$107,723	\$3,286,984	\$4,879,649	5,396,609,000	0.090
GS	2.91760%	3.41272%	87,244	6,216	189,653	283,113	311,376,000	0.091
GSD, GSDT, GSTOU	23.24812%	20.99899%	536,824	49,527	1,511,203	2,097,554	2,481,479,000	0.085
LP, LPT	6.94287%	5.43312%	138,894	14,791	451,309	604,994	751,037,000	0.081
PX, PXT, RTP, SBS	14.96719%	11.69043%	298,858	31,886	972,916	1,303,660	1,644,662,000	0.079
OS - I / II	0.91849%	0.08009%	2,047	1,957	59,705	63,709	98,024,000	0.065
OS-III	0.43927%	0.29810%	7,621	936	28,554	37,111	46,881,000	0.079
TOTAL	100.00000%	100.00000%	\$2,556,430	\$213,036	\$6,500,324	\$9,269,790	10,730,068,000	

Notes:

- A Obtained from Schedule C-1, page 2 of 3, column H
- B Obtained from Schedule C-1, page 2 of 3, column I
- C Total from C-1, page 1, line 10 * column B
- D Total from C-1, page 1, line 11 * column A
- E Total from C-1, page 1, line 8 * column A
- F Sum of Columns C, D and E
- G Projected kWh sales for the period January 2021 through December 2021
- H Column F / G

GULF POWER COMPANY
 ENERGY CONSERVATION CLAUSE
 PROJECTED CONSERVATION PROGRAM NET COSTS
 For the Period: January, 2021 Through December, 2021

Programs	Depreciation, Return & Property Taxes	Payroll & Benefits	Materials & Supplies	Outside Services	Advertising	Incentives	Vehicles	Other	Total Costs	Program Fees	Net Costs
Residential Conservation Programs:											
1. Residential Home Energy Survey (HES)	0	435,609	110,925	218,800	329,677	0	0	5,500	1,100,511	0	1,100,511
2. Residential Low Income - Community Energy Saver	0	47,471	2,250	1,130,076	0	0	0	250	1,180,047	0	1,180,047
3. Residential HVAC	0	186,342	7,950	40,000	50,000	337,500	0	500	622,292	0	622,292
4. Residential Ceiling Insulation	0	127,107	7,950	40,000	40,000	270,000	0	500	485,557	0	485,557
5. Residential High Efficiency Pool Pump	0	175,785	7,950	40,000	40,000	397,500	0	500	661,735	0	661,735
6. Energy Select	3,261,058	367,782	16,524	1,536,324	200,000	0	0	1,500	5,383,188	0	5,383,188
Subtotal	3,261,058	1,340,096	153,549	3,005,200	659,677	1,005,000	0	8,750	9,433,330	0	9,433,330
Commercial / Industrial Conservation Programs:											
7. Business Energy Survey (BES)	0	295,173	32,965	24,100	50,000	0	0	5,500	407,738	0	407,738
8. Business HVAC	0	131,474	6,000	0	0	266,900	0	2,000	406,374	0	406,374
9. Business Custom Incentive	0	34,862	2,250	5,000	0	25,000	0	500	67,612	0	67,612
Subtotal	0	461,509	41,215	29,100	50,000	291,900	0	8,000	881,724	0	881,724
10. Conservation Demonstration and Development											
	0	0	0	100,000	0	0	0	0	100,000	0	100,000
11. Curtailable Load											
	0	9,800	0	0	0	729,358	0	0	739,158	0	739,158
12. Total All Programs											
	3,261,058	1,811,405	194,764	3,134,300	709,677	2,026,258	0	16,750	11,154,212	0	11,154,212
13. Less: Base Rate Recovery											
	0	0	0	0	0	0	0	0	0	0	0
14. Net Program Costs											
	3,261,058	1,811,405	194,764	3,134,300	709,677	2,026,258	0	16,750	11,154,212	0	11,154,212

GULF POWER COMPANY
ENERGY CONSERVATION CLAUSE
PROJECTED CONSERVATION PROGRAM COSTS (NET OF PROGRAM FEES)
For the Period: January, 2021 Through December, 2021

Programs	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	12 MONTH		ENERGY COSTS	
													TOTAL	DEMAND COSTS		
Residential Conservation Programs:																
1. Residential Home Energy Survey (HES)	89,731	88,209	93,825	92,258	90,690	92,258	92,258	92,258	92,258	90,690	92,258	93,824	93,824	1,100,511	1,100,511	1,100,511
2. Residential Low Income - Community Energy Saver	99,773	99,595	98,250	98,068	97,884	98,068	98,068	98,067	98,068	97,885	98,067	98,250	98,250	1,180,047	1,180,047	1,180,047
3. Residential HVAC	50,976	50,298	52,799	52,101	51,403	52,101	52,101	52,101	52,101	51,403	52,101	52,805	52,805	622,292	622,292	622,292
4. Residential Ceiling Insulation	39,846	39,371	41,124	40,634	40,145	40,634	40,634	40,634	40,634	40,145	40,634	41,124	41,124	485,557	485,557	485,557
5. Residential High Efficiency Pool Pump	54,291	53,634	56,058	55,381	54,705	55,381	55,381	55,381	55,381	54,705	55,381	56,058	56,058	661,735	661,735	661,735
6. Energy Select	441,437	442,244	447,624	447,226	446,871	448,740	449,210	450,101	451,416	451,035	452,776	454,512	454,512	5,383,188	5,383,188	2,691,594
Subtotal	776,053	773,350	789,679	785,667	781,697	787,181	787,651	788,541	789,857	785,862	791,216	796,572	796,572	9,433,330	9,433,330	6,741,736
Commercial / Industrial Conservation Programs:																
7. Business Energy Survey (BES)	32,669	31,662	35,377	34,340	33,303	34,340	34,340	34,340	34,340	33,303	34,340	35,379	35,379	407,738	407,738	407,738
8. Business HVAC	33,226	32,734	34,547	34,041	33,535	34,041	34,041	34,041	34,041	33,535	34,041	34,547	34,547	406,374	406,374	406,374
9. Business Custom Incentive	5,465	5,335	5,815	5,681	5,547	5,681	5,681	5,681	5,681	5,547	5,681	5,815	5,815	67,612	67,612	67,612
Subtotal	71,361	69,732	75,740	74,063	72,386	74,063	74,063	74,063	74,063	72,386	74,063	75,742	75,742	881,724	881,724	881,724
10. Conservation Demonstration and Development	8,333	8,333	8,333	8,333	8,333	8,333	8,333	8,333	8,333	8,333	8,333	8,333	8,333	100,000	100,000	100,000
11. Curtailable Load	61,597	61,597	61,597	61,597	61,597	61,597	61,597	61,597	61,597	61,597	61,597	61,597	61,597	739,158	739,158	0
12. Total All Programs	917,344	913,012	935,349	929,660	924,013	931,174	931,644	932,534	933,850	928,178	935,209	942,244	942,244	11,154,212	11,154,212	7,723,460
13. Less: Base Rate Recovery	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14. Net Program Costs	917,344	913,012	935,349	929,660	924,013	931,174	931,644	932,534	933,850	928,178	935,209	942,244	942,244	11,154,212	11,154,212	7,723,460

GULF POWER COMPANY
 ENERGY CONSERVATION CLAUSE
 SCHEDULE OF CAPITAL INVESTMENT, DEPRECIATION, RETURN AND PROPERTY TAXES

For the Period: January, 2021 Through December, 2021
 Energy Select

Line No.	Description	Beginning of Period	Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected Sept	Projected Oct	Projected Nov	Projected Dec	Total
1.	Additions to Plant in Service (Net of Retirements)	18,176,998	117,397	117,587	117,776	123,338	123,527	123,729	143,630	143,880	144,131	114,385	114,563	114,740	1,493,673
2.	Depreciation Base	18,176,998	18,294,396	18,411,982	18,529,758	18,653,096	18,776,623	18,900,352	19,043,982	19,187,863	19,331,994	19,446,379	19,560,942	19,675,682	
3.	Depreciation Expense (A)		119,968	120,743	121,519	122,296	123,110	123,926	124,742	125,690	126,640	127,591	128,546	129,102	1,493,673
4.	Cumulative Plant in Service Additions	18,176,998	18,294,396	18,411,982	18,529,758	18,653,096	18,776,623	18,900,352	19,043,982	19,187,863	19,331,994	19,446,379	19,560,942	19,675,682	
5.	Salvage, Cost of Removal and Retirement		0	0	0	0	0	0	0	0	0	0	0	0	0
6.	Less: Accumulated Depreciation	(4,822,412)	(4,702,444)	(4,581,701)	(4,460,182)	(4,337,886)	(4,214,776)	(4,090,850)	(3,966,108)	(3,840,418)	(3,713,778)	(3,586,187)	(3,457,841)	(3,328,739)	
7.	Net Plant in Service (Line 4 - 6)	22,999,411	22,996,840	22,993,684	22,989,941	22,990,982	22,991,399	22,991,203	23,010,091	23,028,281	23,045,772	23,032,566	23,018,783	23,004,421	
8.	Net Additions/Reductions to CWIP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9.	CWIP Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10.	Inventory		537,254	483,036	428,817	556,498	499,899	443,300	360,720	386,265	452,339	397,641	342,944	288,247	
11.	Net Investment (Line 7 + 9 + 10)	22,999,411	23,534,094	23,476,719	23,418,758	23,547,480	23,491,298	23,434,502	23,370,811	23,414,546	23,498,111	23,430,208	23,361,727	23,292,668	
12.	Average Net Investment		23,266,752	23,505,407	23,447,739	23,483,119	23,519,389	23,462,900	23,402,657	23,392,679	23,456,329	23,464,159	23,395,968	23,327,198	
13.	Rate of Return / 12 (Including Income Taxes) (B)		0.005735	0.005735	0.005735	0.005735	0.005735	0.005735	0.005735	0.005735	0.005735	0.005735	0.005735	0.005735	
14.	Return Requirement on Average Net Investment		133,435	134,804	134,473	134,676	134,884	134,560	134,214	134,157	134,522	134,567	134,176	133,781	1,612,249
15.	Property Taxes		12,928	12,928	12,928	12,928	12,928	12,928	12,928	12,928	12,928	12,928	12,928	12,928	155,136
16.	Total Depreciation, Return and Property Taxes (Line 3+14+15)		266,331	268,475	268,920	269,900	270,922	271,414	271,884	272,775	274,090	275,086	275,450	275,811	3,261,058

Notes:
 (A) Energy Select Property Additions Depreciated at 7.9% per year.
 (B) Revenue Requirement Return (Includes Income Taxes) is 6.8816% per year.

GULF POWER COMPANY
ENERGY CONSERVATION CLAUSE
CONSERVATION PROGRAM NET COST
January, 2020 Through June, 2020, Actual
July, 2020 Through December 2020, Estimated

Actual	Capital Return, Property Taxes & Depreciation	Payroll & Benefits	Materials & Supplies	Outside Services	Advertising	Incentives	Vehicles	Other	Total Costs	Program Fees	Net Costs
Residential Conservation Programs:											
1.	Residential Energy Audit and Education										
a. Actual	0.00	188,487.09	0.00	43,759.51	35,617.55	0.00	0.00	2,679.59	270,543.74	0.00	270,543.74
b. Estimated July through December	0.00	228,452.00	0.00	180,018.00	290,000.00	0.00	0.00	1,500.00	699,970.00	0.00	699,970.00
c. Total	0.00	416,939.09	0.00	223,777.51	325,617.55	0.00	0.00	4,179.59	970,513.74	0.00	970,513.74
2.	Community Energy Saver										
a. Actual	0.00	23,381.68	0.00	63,153.93	0.00	0.00	0.00	215.66	86,751.27	0.00	86,751.27
b. Estimated July through December	0.00	24,420.00	2,250.00	681,225.00	0.00	0.00	0.00	0.00	707,895.00	0.00	707,895.00
c. Total	0.00	47,801.68	2,250.00	744,378.93	0.00	0.00	0.00	215.66	794,646.27	0.00	794,646.27
3.	Residential Custom Incentive										
a. Actual	0.00	24,581.36	0.00	0.00	0.00	0.00	0.00	141.66	24,723.02	0.00	24,723.02
b. Estimated July through December	0.00	12,867.00	0.00	0.00	0.00	0.00	0.00	0.00	12,867.00	0.00	12,867.00
c. Total	0.00	37,448.36	0.00	0.00	0.00	0.00	0.00	141.66	37,590.02	0.00	37,590.02
4.	HVAC Efficiency										
a. Actual	0.00	74,911.14	200.00	169,392.76	0.00	16,626.00	0.00	1,123.91	262,253.81	0.00	262,253.81
b. Estimated July through December	0.00	38,643.00	0.00	120,000.00	0.00	16,500.00	0.00	0.00	175,143.00	0.00	175,143.00
c. Total	0.00	113,554.14	200.00	289,392.76	0.00	33,126.00	0.00	1,123.91	437,396.81	0.00	437,396.81
5.	Residential Building Efficiency										
a. Actual	0.00	32,071.27	0.00	6,020.28	0.00	47,692.92	0.00	1,012.17	86,796.64	0.00	86,796.64
b. Estimated July through December	0.00	22,590.00	0.00	2,100.00	0.00	52,500.00	0.00	1,000.00	78,190.00	0.00	78,190.00
c. Total	0.00	54,661.27	0.00	8,120.28	0.00	100,192.92	0.00	2,012.17	164,986.64	0.00	164,986.64
6.	Energy Select										
a. Actual	1,598,748.71	211,193.78	0.00	681,258.12	28,770.38	0.00	0.00	1,502.56	2,521,473.55	0.00	2,521,473.55
b. Estimated July through December	1,608,969.86	215,070.00	1,377.00	860,000.00	148,845.00	0.00	0.00	1,200.00	2,835,461.86	0.00	2,835,461.86
c. Total	3,207,718.57	426,263.78	1,377.00	1,541,258.12	177,615.38	0.00	0.00	2,702.56	5,356,935.41	0.00	5,356,935.41
7.	Residential HVAC (New)										
a. Actual	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
b. Estimated July through December	0.00	12,867.00	1,500.00	0.00	0.00	45,000.00	0.00	1,025.00	60,392.00	0.00	60,392.00
c. Total	0.00	12,867.00	1,500.00	0.00	0.00	45,000.00	0.00	1,025.00	60,392.00	0.00	60,392.00
8.	Residential Ceiling Insulation (New)										
a. Actual	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
b. Estimated July through December	0.00	22,590.00	1,988.00	0.00	0.00	35,000.00	0.00	1,025.00	60,603.00	0.00	60,603.00
c. Total	0.00	22,590.00	1,988.00	0.00	0.00	35,000.00	0.00	1,025.00	60,603.00	0.00	60,603.00

GULF POWER COMPANY
ENERGY CONSERVATION CLAUSE
CONSERVATION PROGRAM NET COST
January, 2020 Through June, 2020, Actual
July, 2020 Through December 2020, Estimated

Actual	Capital Return, Property Taxes & Depreciation	Payroll & Benefits	Materials & Supplies	Outside Services	Advertising	Incentives	Vehicles	Other	Total Costs	Program Fees	Net Costs
Residential Conservation Programs: Continued											
9. Residential High Efficiency Pool Pump (New)											
a. Actual	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
b. Estimated July through December	0.00	38,643.00	1,500.00	0.00	0.00	30,000.00	0.00	1,020.00	71,163.00	0.00	71,163.00
c. Total	0.00	38,643.00	1,500.00	0.00	0.00	30,000.00	0.00	1,020.00	71,163.00	0.00	71,163.00
Commercial / Industrial Conservation Programs:											
10. Commercial / Industrial Energy Audit											
a. Actual	0.00	221,088.79	2,519.41	5,447.49	0.00	0.00	0.00	3,129.59	232,185.28	0.00	232,185.28
b. Estimated July through December	0.00	224,802.00	4,000.00	3,000.00	0.00	0.00	0.00	0.00	231,802.00	0.00	231,802.00
c. Total	0.00	445,890.79	6,519.41	8,447.49	0.00	0.00	0.00	3,129.59	463,987.28	0.00	463,987.28
11. HVAC Retrocommissioning											
a. Actual	0.00	44,657.06	3,412.97	2,756.05	0.00	0.00	0.00	159.84	50,985.92	0.00	50,985.92
b. Estimated July through December	0.00	23,148.00	0.00	6,000.00	0.00	1,500.00	0.00	0.00	30,648.00	0.00	30,648.00
c. Total	0.00	67,805.06	3,412.97	8,756.05	0.00	1,500.00	0.00	159.84	81,633.92	0.00	81,633.92
12. Commercial Building Efficiency											
a. Actual	0.00	110,662.47	628.92	13,521.56	0.00	12,806.75	0.00	860.47	138,480.17	0.00	138,480.17
b. Estimated July through December	0.00	71,705.00	1,200.00	0.00	0.00	6,500.00	0.00	0.00	79,405.00	0.00	79,405.00
c. Total	0.00	182,367.47	1,828.92	13,521.56	0.00	19,306.75	0.00	860.47	217,885.17	0.00	217,885.17
13. Commercial / Industrial Custom Incentive											
a. Actual	0.00	16,386.66	0.00	0.00	0.00	0.00	0.00	150.50	16,537.16	0.00	16,537.16
b. Estimated July through December	0.00	16,974.00	0.00	2,500.00	0.00	0.00	0.00	0.00	19,474.00	0.00	19,474.00
c. Total	0.00	33,360.66	0.00	2,500.00	0.00	0.00	0.00	150.50	36,011.16	0.00	36,011.16
14. Business HVAC (New)											
a. Actual	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
b. Estimated July through December	0.00	54,853.00	5,460.00	0.00	0.00	24,000.00	0.00	0.00	84,313.00	0.00	84,313.00
c. Total	0.00	54,853.00	5,460.00	0.00	0.00	24,000.00	0.00	0.00	84,313.00	0.00	84,313.00
15. Residential Time of Use Rate Pilot											
a. Actual	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
b. Estimated July through December	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
c. Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
16. Conservation Demonstration and Development:											
a. Actual	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
b. Estimated July through December	0.00	0.00	0.00	25,000.00	0.00	0.00	0.00	0.00	25,000.00	0.00	25,000.00
c. Total	0.00	0.00	0.00	25,000.00	0.00	0.00	0.00	0.00	25,000.00	0.00	25,000.00

GULF POWER COMPANY
ENERGY CONSERVATION CLAUSE
CONSERVATION PROGRAM NET COST
January, 2020 Through June, 2020, Actual
July, 2020 Through December 2020, Estimated

Actual	Capital Return, Property Taxes & Depreciation	Payroll & Benefits	Materials & Supplies	Outside Services	Advertising	Incentives	Vehicles	Other	Total Costs	Program Fees	Net Costs
17. Critical Peak Option											
a. Actual	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
b. Estimated July through December	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
c. Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18. Curtailable											
a. Actual	0.00	0.00	0.00	0.00	0.00	331,259.04	0.00	0.00	331,259.04	0.00	331,259.04
b. Estimated July through December	0.00	0.00	0.00	0.00	0.00	331,259.04	0.00	0.00	331,259.04	0.00	331,259.04
c. Total	0.00	0.00	0.00	0.00	0.00	662,518.08	0.00	0.00	662,518.08	0.00	662,518.08
19. a. Actual	1,598,748.71	947,421.30	6,761.30	985,309.70	64,387.93	408,384.71	0.00	10,975.95	4,021,989.60	0.00	4,021,989.60
b. Estimated	1,608,969.86	1,007,624.00	19,275.00	1,879,843.00	438,845.00	542,259.04	0.00	6,770.00	5,503,585.90	0.00	5,503,585.90
20. Total All Programs	3,207,718.57	1,955,045.30	26,036.30	2,865,152.70	503,232.93	960,643.75	0.00	17,745.95	9,525,575.50	0.00	9,525,575.50

GULF POWER COMPANY
ENERGY CONSERVATION CLAUSE
ESTIMATED TRUE-UP

For the Period: January, 2020 through December, 2020

Conservation Revenues	ACTUAL JAN	ACTUAL FEB	ACTUAL MARCH	ACTUAL APRIL	ACTUAL MAY	ACTUAL JUNE	ESTIMATED JULY	ESTIMATED AUGUST	ESTIMATED SEPTEMBER	ESTIMATED OCTOBER	ESTIMATED NOVEMBER	ESTIMATED DECEMBER	TOTAL
1. Energy Select Program Revenues	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2. Conservation Revenues	<u>373,394.61</u>	<u>349,773.95</u>	<u>338,423.70</u>	<u>377,945.21</u>	<u>529,006.97</u>	<u>646,125.42</u>	<u>663,904.44</u>	<u>655,833.34</u>	<u>568,270.57</u>	<u>476,735.62</u>	<u>415,271.82</u>	<u>467,308.07</u>	<u>5,861,993.72</u>
3. Total Revenues	373,394.61	349,773.95	338,423.70	377,945.21	529,006.97	646,125.42	663,904.44	655,833.34	568,270.57	476,735.62	415,271.82	467,308.07	5,861,993.72
4. Adjustment not Applicable to Period - Prior True Up	<u>378,782.00</u>	<u>378,783.00</u>	<u>378,783.00</u>	<u>378,783.00</u>	<u>378,783.00</u>	<u>378,783.00</u>	<u>378,783.00</u>	<u>378,783.00</u>	<u>378,783.00</u>	<u>378,783.00</u>	<u>378,783.00</u>	<u>378,783.00</u>	<u>4,545,395.00</u>
5. Conservation Revenues Applicable to Period	752,176.61	728,556.95	717,206.70	756,728.21	907,789.97	1,024,908.42	1,042,687.44	1,034,616.34	947,053.57	855,518.62	794,054.82	846,091.07	10,407,388.72
6. Conservation Expenses (Form C-3 Page 2 of 5)	<u>675,842.84</u>	<u>734,077.18</u>	<u>615,935.46</u>	<u>659,160.35</u>	<u>675,836.31</u>	<u>661,137.46</u>	<u>879,558.19</u>	<u>879,559.24</u>	<u>879,562.00</u>	<u>980,054.00</u>	<u>954,967.99</u>	<u>929,884.48</u>	<u>9,525,575.50</u>
7. True Up this Period (Line 5 minus Line 6)	76,333.77	(5,520.23)	101,271.24	97,567.86	231,953.66	363,770.96	163,129.25	155,057.10	67,491.57	(124,535.38)	(160,913.17)	(63,793.41)	881,813.22
8. Interest Provision this Period (C-3 Page 4 of 5, Line 10)	7,234.11	6,718.73	7,406.25	4,202.24	246.93	363.34	437.39	413.64	384.70	340.62	284.16	229.90	28,262.01
9. True Up & Interest Provision Beginning of Month a. Deferred true-up beginning of period (CT1, line 7)	4,545,393.95	4,250,179.83	3,872,595.33	3,602,489.82	3,325,476.92	3,178,894.51	3,164,245.81	2,949,029.45	2,725,717.19	2,414,810.46	1,911,832.71	1,372,420.69	4,545,393.95
	981,017.00	981,017.00	981,017.00	981,017.00	981,017.00	981,017.00	981,017.00	981,017.00	981,017.00	981,017.00	981,017.00	981,017.00	981,017.00
10. Prior True Up Collected or Refunded	<u>(378,782.00)</u>	<u>(378,783.00)</u>	<u>(378,783.00)</u>	<u>(378,783.00)</u>	<u>(378,783.00)</u>	<u>(378,783.00)</u>	<u>(378,783.00)</u>	<u>(378,783.00)</u>	<u>(378,783.00)</u>	<u>(378,783.00)</u>	<u>(378,783.00)</u>	<u>(378,783.00)</u>	<u>(4,545,395.00)</u>
11. End of Period-Net True Up	5,231,196.63	4,853,612.33	4,583,506.82	4,306,493.92	4,159,911.51	4,145,262.81	3,930,046.45	3,706,734.19	3,395,827.46	2,892,849.71	2,353,437.69	1,891,091.18	1,891,091.18

GULF POWER COMPANY
ENERGY CONSERVATION CLAUSE
INTEREST CALCULATION

For the Period: January, 2020 through December, 2020

	ACTUAL JAN	ACTUAL FEB	ACTUAL MARCH	ACTUAL APRIL	ACTUAL MAY	ACTUAL JUNE	ESTIMATED JULY	ESTIMATED AUGUST	ESTIMATED SEPTEMBER	ESTIMATED OCTOBER	ESTIMATED NOVEMBER	ESTIMATED DECEMBER	TOTAL
Interest Provision													
1. Beginning True up Amount	5,526,410.95	5,231,196.83	4,853,612.33	4,583,506.82	4,306,493.92	4,159,911.51	4,145,262.81	3,930,046.45	3,706,734.19	3,395,827.46	2,892,849.71	2,353,437.69	
2. Ending True up before Interest	5,223,962.72	4,846,893.60	4,576,100.57	4,302,291.68	4,159,664.58	4,144,899.47	3,929,609.06	3,706,320.55	3,395,442.76	2,892,509.09	2,353,153.53	1,890,861.28	
3. Total Beginning & Ending Balances	10,750,373.67	10,078,090.43	9,429,712.90	8,885,798.50	8,466,158.50	8,304,810.98	8,074,871.87	7,636,367.01	7,102,176.96	6,288,336.55	5,246,003.24	4,244,298.98	
4. Average True up Amount	5,375,186.84	5,039,045.22	4,714,856.45	4,442,899.25	4,233,079.25	4,152,405.49	4,037,435.94	3,818,183.50	3,551,088.48	3,144,168.28	2,623,001.62	2,122,149.49	
5. Interest Rate First Day Reporting Business Month	1.59	1.64	1.56	2.21	0.06	0.08	0.13	0.13	0.13	0.13	0.13	0.13	
6. Interest Rate First Day Subsequent Business Month	1.64	1.56	2.21	0.06	0.08	0.13	0.13	0.13	0.13	0.13	0.13	0.13	
7. Total of Lines 5 and 6	3.23	3.20	3.77	2.27	0.14	0.21	0.26	0.26	0.26	0.26	0.26	0.26	
8. Average Interest rate (50% of Line 7)	1.615	1.600	1.885	1.135	0.070	0.105	0.130	0.130	0.130	0.130	0.130	0.130	
9. Monthly Average Interest Rate Line 8 / 12 months	0.001346	0.001333	0.001571	0.000946	0.000058	0.000088	0.000108	0.000108	0.000108	0.000108	0.000108	0.000108	
10. Interest Provision (line 4 X 9)	7,234.11	6,718.73	7,406.25	4,202.24	246.93	363.34	437.39	413.64	384.70	340.62	284.16	229.90	28,262.01

GULF POWER COMPANY
 ENERGY CONSERVATION CLAUSE
 SCHEDULE OF CAPITAL INVESTMENT, DEPRECIATION, RETURN AND PROPERTY TAXES
 ENERGY SELECT

For the Period January, 2020 Through December, 2020

Line No.	Beginning of Period	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	Total
1	Investments Added to Plant In Service	64,216.55	(94,215.40)	250,332.88	(1,561.02)	(21,380.76)	563.94	105,460.27	105,668.75	105,917.23	97,191.83	97,350.68	97,509.52	
2	Depreciable Base	17,369,923.82	17,434,140.37	17,339,925.07	17,588,696.73	17,567,315.97	17,567,879.91	17,673,340.18	17,779,028.93	17,884,946.15	17,982,137.98	18,079,488.66	18,175,998.18	
3	Depreciation Expense (A)	114,563.38	114,464.63	114,978.52	115,797.39	115,721.88	115,653.35	115,948.01	116,644.05	117,341.59	118,040.64	118,682.11	119,324.63	1,397,160.18
4	Cumulative Plant in Service Additions	17,434,140.37	17,339,925.07	17,590,257.75	17,588,696.73	17,567,315.97	17,567,879.91	17,673,340.18	17,779,028.93	17,884,946.15	17,982,137.98	18,079,488.66	18,175,998.18	
5	Salvage, Cost of Removal and Retirement	(6,381.77)	(101,163.82)	(32,624.66)	(1,138.89)	3,591.50	(91.06)	-	-	-	-	-	-	
6	Less: Accumulated Depreciation	(6,081,763.94)	(5,973,582.33)	(5,960,281.52)	(5,763,289.16)	(5,643,955.78)	(5,528,393.49)	(5,412,445.48)	(5,295,801.43)	(5,178,459.84)	(5,060,419.20)	(4,941,737.09)	(4,822,412.46)	
7	Net Plant In Service (Line 4 - 6)	23,451,687.76	23,407,722.70	23,300,206.59	23,488,185.41	23,351,965.89	23,211,271.75	23,096,273.40	23,074,830.35	23,063,405.99	23,042,557.18	23,021,225.74	22,999,410.64	
8	Net Additions/Reductions to CWIP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
9	CWIP Balance	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10	Inventory	737,779.17	728,548.64	711,591.64	685,557.00	685,557.03	685,577.03	587,826.25	542,458.38	497,215.80	576,701.03	537,635.32	497,707.11	
11	Net Investment	24,189,486.93	24,136,271.34	24,165,463.29	24,037,522.89	23,896,828.78	23,781,850.43	23,673,611.90	23,617,288.73	23,560,621.79	23,619,258.21	23,558,861.06	23,497,117.75	
12	Average Net Investment	24,162,869.13	24,074,034.79	24,088,630.76	24,101,493.09	23,967,175.84	23,839,339.61	23,727,731.16	23,645,450.32	23,588,955.26	23,589,940.00	23,589,058.64	23,527,989.41	
13	Rate of Return / 12 (B)	0.005766	0.005766	0.005766	0.005766	0.005766	0.005766	0.005838	0.005838	0.005838	0.005838	0.005838	0.005838	
14	Return Requirement on Average Net Investment	139,323.10	138,810.88	138,895.04	138,969.21	138,194.74	137,467.63	138,522.49	138,042.14	137,712.32	137,718.07	137,712.93	137,356.40	1,658,714.95
15	Property Tax	12,654.08	12,654.08	12,648.56	12,654.08	12,654.08	12,654.08	12,654.08	12,654.08	12,654.08	12,654.08	12,654.08	12,654.08	151,843.44
16	Total Depreciation, Prop Taxes & Return (Line 3 + 14 + 15)	266,540.56	265,929.59	266,522.12	267,420.68	266,570.70	265,765.06	267,124.56	267,340.27	267,707.99	268,412.79	269,049.12	269,335.11	3,207,718.57

Notes:
 (A) Energy Select Property Additions Depreciated at 7.9% per year.
 (B) Revenue Requirement Return (includes Income Taxes) is: Jan - June .5766%; Jul - Dec .5838%.

Schedule C-4
Page 1 of 1

GULF POWER COMPANY
CALCULATION OF CONSERVATION REVENUES
For the Period: July, 2020 Through December, 2020

	<u>Month</u>	<u>Projected MWH Sales</u>	<u>Rate (Avg Cents/KWH)</u>	<u>Clause Revenue Net of Revenue Taxes (\$)</u>
1.	07/2020	1,158,517	0.05730641	663,904.44
2.	08/2020	1,145,167	0.05726967	655,833.34
3.	09/2020	995,494	0.05708428	568,270.57
4.	10/2020	839,046	0.05681877	476,735.62
5.	11/2020	731,278	0.05678713	415,271.82
6.	12/2020	817,367	0.05717237	467,308.07

Program Description and Progress

Program Title: Residential Energy Audit and Education

Program Description: This program is the primary educational program to help customers improve the energy efficiency of their new or existing home by providing energy conservation advice and information that encourages the implementation of efficiency measures and behaviors resulting in energy and utility bill savings. With the implementation of the 2020 DSM Plan, this program will be retitled the Residential Home Energy Survey (HES).

Program Projections: Expenses of \$1,100,511 are projected for this program in 2021 as detailed in Schedule C-2. In 2021, 10,000 participants are projected, as reflected in the 2020 DSM Plan for Energy Audits.

Program Accomplishments: Through June 2020, Gulf performed 6,005 energy audits. Of these, 5,870 were online, 135 were on-site. The total projection for 2020 is 13,700 energy audits.

Program Expenditures: Actual expenses for January through June 2020 were \$270,544. Estimated expenses for 2020 are \$970,514.

Program Progress Summary: Since the approval of this program, Gulf Power has performed a total of 275,493 energy audits.

Program Description and Progress

Program Title: Community Energy Saver Program

Program Description: This program assists low-income families with managing their energy costs. Through this program, qualifying customers receive the direct installation of conservation measures at no cost to them. The program also features a Residential Energy Survey that will help to educate families on energy efficiency techniques and behavioral changes to help these customers control their energy use and reduce their electricity expenses.

Program Projections: For the period January 2021 through December 2021, the Company expects to implement the efficiency measures included in this program for 3,750 eligible residential customers as reflected in the 2020 DSM Plan. Expenses of \$1,180,047 are projected for this program in 2021 as detailed in Schedule C-2.

Program Accomplishments: Through June 2020, 241 of Gulf's customers received the measures included in this program. The COVID-19 pandemic has significantly impacted the delivery of this program in 2020. The Company's response to the governor's executive orders to reduce the spread of the coronavirus has resulted in limited customer visits for installation of program measures. The total projection for 2020 is 2,500 of Gulf's customers receiving the measures included in this program.

Program Expenditures: Actual expenses for January through June 2020 were \$86,751. Estimated expenses for 2020 are \$794,646.

Program Progress Summary: A total of 23,515 customers have received the efficiency measures included in the Community Energy Saver program since the program's launch in 2011.

Program Description and Progress

Program Title: Residential Custom Incentive Program (Discontinued in 2020 DSM Plan)

Program Description: This program is designed to increase energy efficiency in the residential rental property sector. This program promotes the installation of various energy efficiency measures available through other programs, such as HVAC maintenance and quality installation, high performance windows, reflective roofing and Energy Star Window A/Cs. Additional incentives will be included, as appropriate, to overcome the split-incentive barrier which exists in a landlord/renter situation. Moreover, this program promotes the installation of measures included in the Community Energy Saver Program by the landlord of multi-family properties.

Program Projections: This program is not continued in the 2020 DSM Plan; therefore, no participant projections are made for 2021.

Program Accomplishments: Through June 2020, no participants have enrolled in this program. The total projection for 2020 is 0 participants.

Program Expenditures: Actual expenses for January through June 2020 were \$24,723. Estimated expenses for 2020 are \$37,590.

Program Progress Summary: Since its launch in 2011, one customer enrollment has been recorded in the Residential Custom Incentive program.

Program Description and Progress

Program Title: HVAC Efficiency Improvement Program (Discontinued in 2020 DSM Plan)

Program Description: This program is designed to increase energy efficiency and improve HVAC cooling system performance for new and existing homes. These efficiencies are realized through:

- HVAC maintenance
- Duct repair
- HVAC Quality Installation

Program Projections: This program is not continued in the 2020 DSM Plan; therefore, no participant projections are made for 2021.

Program Accomplishments: Actual participation (through June 2020) and the 2020 year-end projected participation are shown in the following table:

Measure	2020 YTD Actual Participation	2020 Year End Projection
HVAC maintenance	201	260
Duct repair	48	75
HVAC Quality Installation	244	350

Program Expenditures: Actual expenses for January through June 2020 were \$262,254. Estimated expenses for 2020 are \$437,397.

Program Progress Summary: Since its launch in 2011, the following participation has been achieved:

Measure	Program to Date Actual Participation
HVAC maintenance	39,324
Duct repair	22,181
HVAC Quality Installation	2,796

Program Description and Progress

Program Title: Residential Building Efficiency Program (Discontinued in 2020 DSM Plan)

Program Description: The Residential Building Efficiency Program is designed as an umbrella efficiency program for existing and new residential customers to encourage the installation of eligible equipment and materials as a means of reducing energy and demand. The goals of the program are to increase awareness and customer demand for energy saving measures; to increase availability and market penetration; and to contribute toward long-term energy savings and peak demand reductions.

- High Performance Windows
- Reflective Roof
- ENERGY STAR Window A/C

Program Projections: This program is not continued in the 2020 DSM Plan; therefore, no participant projections are made for 2021.

Program Accomplishments: Actual participation (through June 2020) and the 2020 year-end projected participation are shown in the following table:

Measure	2020 YTD Actual Participation	2020 Year End Projection
High Performance Windows	142	190
Reflective Roof	62	80
ENERGY STAR Window A/C	0	0

Program Expenditures: Actual expenses for January through June 2020 were \$86,797. Estimated expenses for 2020 are \$164,987.

Program Progress Summary: Since its launch in 2011, the following participation has been achieved:

Measure	Program to Date Actual Participation
High Performance Windows	6,098
Reflective Roof	2,136
ENERGY STAR Window A/C	865

Program Description and Progress

Program Title: Energy *Select*

Program Description: This program is designed to provide customers with a means of controlling their energy purchases by programming their heating and cooling systems and major appliances, such as electric water heaters and pool pumps, to respond automatically to prices that vary during the day and by season.

Program Projections: During the 2021 projection period, Gulf Power projects to have 2,258 additions. The program expenses are expected to be \$5,383,188 as detailed in Schedule C-2.

Program Accomplishments: Through June 2020, 117 new participants were added to the Energy *Select* program. The COVID-19 pandemic has significantly impacted the delivery of this program in 2020. The Company's response to the governor's executive orders to reduce the spread of the coronavirus has resulted in limited customer visits for new installations. The total projection for 2020 is 450 new participants.

Program Expenditures: Actual expenses for January through June 2020 were \$2,521,474. Estimated expenses for 2020 are \$5,356,935.

Program Progress Summary: As of June 2020, there are 20,048 participating customers.

Program Description and Progress

Program Title: Residential HVAC (New)

Program Description: This program enables customers to increase energy efficiency and improve HVAC cooling and heating system performance for both new and existing single-family homes by offering an incentive for the installation of a high-efficiency electric heat pump.

Program Projections: Expenses of \$622,292 are projected for this program in 2021 as detailed in Schedule C-2. For the period January 2021 through December 2021, the Company projects 1,350 participants in this program.

Program Accomplishments: This is a new program included in the 2020 DSM Plan and is projected to begin October 2020. The total projection for 2020 is 70 participants.

Program Expenditures: This is a new program included in the 2020 DSM Plan and is projected to begin October 2020.

Program Progress Summary: This is a new program included in the 2020 DSM Plan and is projected to begin October 2020.

Program Description and Progress

Program Title: Residential Ceiling Insulation (New)

Program Description: This program encourages customers to improve their homes' thermal efficiency by providing customers an incentive to install a minimum of R-19 insulation in their existing home.

Program Projections: Expenses of \$485,557 are projected for this program in 2021 as detailed in Schedule C-2. For the period January 2021 through December 2021, the Company projects 900 participants in this program.

Program Accomplishments: This is a new program included in the 2020 DSM Plan and is projected to begin October 2020. The total projection for 2020 is 50 participants.

Program Expenditures: This is a new program included in the 2020 DSM Plan and is projected to begin October 2020.

Program Progress Summary: This is a new program included in the 2020 DSM Plan and is projected to begin October 2020.

Program Description and Progress

Program Title: Residential High Efficiency Pool Pump (New)

Program Description: This program encourages customers to install a high-efficiency pool pump by providing an incentive in both new and existing residential applications.

Program Projections: Expenses of \$661,735 are projected for this program in 2021 as detailed in Schedule C-2. For the period January 2021 through December 2021, the Company projects 1,325 participants in this program.

Program Accomplishments: This is a new program included in the 2020 DSM Plan and is projected to begin October 2020. The total projection for 2020 is 65 participants.

Program Expenditures: This is a new program included in the 2020 DSM Plan and is projected to begin October 2020.

Program Progress Summary: This is a new program included in the 2020 DSM Plan and is projected to begin October 2020.

Program Description and Progress

Program Title: Commercial/Industrial Audit

Program Description: This program educates customers on energy efficiency and encourages them to participate in applicable DSM programs and/or implement other recommended actions not included as part of Gulf's Business programs. This program is a prime tool for Gulf's C/I Customer Advisors to introduce customers personally to conservation measures including low or no-cost improvements or new electro-technologies to replace old or inefficient equipment. With the implementation of the 2020 DSM Plan, this program will be retitled the Business Energy Survey (BES).

Program Projections: For the period January 2021 through December 2021, the Company projects to conduct 300 audits and incur expenses totaling \$407,738.

Program Accomplishments: Through June 2020, Gulf performed 14 energy audits. The total projection for 2020 is 20 energy audits.

Program Expenditures: Actual expenses for January through June 2020 were \$232,185. Estimated expenses for 2020 are \$463,987.

Program Progress Summary: A total of 23,425 audits have been completed since the program's inception.

Program Description and Progress

Program Title: Commercial HVAC Retrocommissioning Program (Discontinued in 2020 DSM Plan)

Program Description: This program offers basic retrocommissioning at a reduced cost for qualifying installations of existing commercial and industrial customers. It is designed to diagnose the performance of the HVAC cooling unit(s) operating in commercial buildings with the support of an independent computerized quality control process and to make improvements to the system to bring it to full efficiency. This program includes air cooled and water cooled equipment – identified as A/C, heat pump, direct expansion (DX) or geothermal cooling and heating.

Program Projections: This program is not continued in the 2020 DSM Plan; therefore, no participant projections are made for 2021.

Program Accomplishments: Through June 2020, 2 customers have participated in this program. The total projection for 2020 is 10 participants.

Program Expenditures: Actual expenses for January through June 2020 were \$50,986. Estimated expenses for 2020 are \$81,634.

Program Progress Summary: Since its launch in 2011, 1,313 customers have participated in this program.

Program Description and Progress

Program Title: Commercial Building Efficiency Program (Discontinued in 2020 DSM Plan)

Program Description: This program is designed as an umbrella efficiency program for existing commercial and industrial customers to encourage the installation of eligible high-efficiency equipment as a means of reducing energy and demand. The goals of the program are to increase awareness and customer demand for high-efficiency, energy-saving equipment; increase availability and market penetration of energy efficient equipment; and contribute toward long-term energy savings and peak demand reductions. These goals will be accomplished through commercial geothermal heat pumps, ceiling/roof insulation, and reflective roofs.

Program Projections: This program is not continued in the 2020 DSM Plan; therefore, no participant projections are made for 2021.

Program Accomplishments: Actual participation (through June 2020) and the 2020 year-end projected participation are shown in the following table:

Program	Actual Participation (January - June 2020)	Annual Projections (2020)
Commercial Geothermal Heat Pump	0 tons of installed Geothermal HVAC	0 tons of installed Geothermal HVAC
Ceiling/Roof Insulation	0 square feet of installed insulation	50,000 square feet of installed insulation
Commercial Reflective Roof	140,128 square feet of installed reflective roof	150,000 square feet of installed reflective roof

Program Expenditures: Actual expenses for January through June 2020 were \$138,480. Estimated expenses for 2020 are \$217,885.

Program Progress Summary: Since its launch in 2011, customer participation is shown in the table below.

Program	Actual Participation (Program to Date)
Commercial Geothermal Heat Pump	649 tons of installed Geothermal HVAC
Ceiling/Roof Insulation	474,300 square feet of installed insulation
Commercial Reflective Roof	4,237,292 square feet of installed reflective roof

Program Description and Progress

Program Title: Commercial/Industrial Custom Incentive

Program Description: This program is designed to establish the capability and process to offer advanced energy services and energy efficient end-user equipment to Commercial/Industrial customers. These energy services include comprehensive audits, design, and construction of energy conservation projects. Specifically, projects covered under this program would be demand reduction or efficiency improvement retrofits that are beyond the scope of other programs. With the implementation of the 2020 DSM Plan, this program will be retitled the Business Custom Incentive.

Program Projections: Due to the custom nature of this program, specific participant projections are not made for the period January 2021 through December 2021. Expenses of \$67,612 are projected for this program in 2021 as detailed in Schedule C-2.

Program Accomplishments: Through June 2020, no savings have been reported in the program. No projects are projected through the end of the reporting period.

Program Expenditures: Actual expenses for January through June 2020 were \$16,537. Estimated expenses for 2020 are \$36,011.

Program Progress Summary: Since its launch in 2011, 15 customers have participated in the Commercial/Industrial Custom Incentive program resulting in at the meter reductions of 7,070,333 kWh (energy), 741 winter kW (demand) and 1,151 summer kW (demand).

Program Description and Progress

Program Title: Business HVAC (New)

Program Description: This program encourages customers to install high-efficiency HVAC systems including chillers; split/package direct expansion (DX); demand control ventilation (DCV); and energy recovery ventilation (ERV) by offering incentives which will vary according to the size of the systems or ventilation installed.

Program Projections: Expenses of \$406,374 are projected for this program in 2021 as detailed in Schedule C-2. For the period January 2021 through December 2021, the Company projects participation of 464 Summer kW (at the Generator).

Program Accomplishments: This is a new program included in the 2020 DSM Plan and is projected to begin October 2020. The 2020 year-end projected participation is 25 Summer KW.

Program Expenditures: This is a new program included in the 2020 DSM Plan and is projected to begin October 2020.

Program Progress Summary: This is a new program included in the 2020 DSM Plan and is projected to begin October 2020.

Program Description and Progress

Program Title: Residential Service Time of Use Pilot Program (Discontinued in 2020 DSM Plan)

Program Description: The Residential Service Time of Use (RSTOU) rate pilot provides residential customers the opportunity to use customer-owned equipment to respond automatically to, and take advantage of, a variable pricing structure with a critical peak credit component. In order to control program expenses and facilitate monitoring and evaluation, participation in the pilot is limited to 400 residential customers who meet the program standards. To further encourage customers to utilize a qualifying Wi-Fi enabled thermostat, the RSTOU pilot offers customers a per event credit for allowing their thermostat to automatically adjust their HVAC equipment settings during a critical event period. This option puts the customer in complete control of their energy purchase without utility-owned equipment. The objective of this pilot is to measure customers' response to a variable price rate with customer-owned equipment. Customers have an opportunity for additional savings by shifting energy purchases to the lower priced periods, while providing peak demand reduction during the high and critical periods.

Program Projections: This program is not continued in the 2020 DSM Plan; therefore, no participant projections are made for 2021.

Program Accomplishments: As of June 2020, there are 296 customers participating in this program.

Program Expenditures: Actual expenses for January through June 2020 were \$0. Estimated expenses for 2020 are \$0.

Program Progress Summary: Since its launch in February 2016, 330 customers have participated in this program.

Program Description and Progress

Program Title: Conservation Demonstration and Development (CDD)

Program Description: A package of conservation programs was approved by the FPSC in Order No. 23561 for Gulf Power Company to explore and to pursue research, development, and demonstration projects designed to promote energy efficiency and conservation. This program serves as an umbrella program for the identification, development, demonstration and evaluation of new or emerging end-use technologies.

Program Projections: For the period January 2021 through December 2021, the Company expects expenses of \$100,000 for this program as detailed in Schedule C-2.

Program Accomplishments: Through June 2020, there have been no CDD projects. No specific projects are projected through the end of the reporting period.

Program Expenditures: Actual expenses for January through June 2020 were \$0. Estimated expenses for 2020 are \$25,000.

Program Description and Progress

Program Title: Critical Peak Option (CPO) (Discontinued in 2020 DSM Plan)

Program Description: This program offers customers on Gulf Power's Large Power Time of Use (LPT) rate schedule an option to receive credits for demand that can be reduced during peak load conditions (critical peak events). The program provides a fixed, per KW credit for measured On-Peak Demand and a Critical Peak Demand Charge for any measured demand recorded during a called critical peak event.

Program Projections: This program is not continued in the 2020 DSM Plan; therefore, no participant projections are made for 2021.

Program Accomplishments: During the first six months of 2020, no customers participated in this program. As of June 2020, no customers were enrolled in this program.

Program Expenditures: Actual expenses for January through June 2020 were \$0. Estimated expenses for 2020 are \$0.

Program Progress Summary: This program became a part of Gulf's DSM Plan effective July 1, 2017, pursuant to Gulf's Stipulation and Settlement Agreement, approved by the Commission in Order No. PSC-17-0178-S-EI dated May 16, 2017.

Program Description and Progress

Program Title: Curtailable Load (CL)

Program Description: The Curtailable Load (CL) program provides qualifying customers capacity payments for electric load which can be curtailed during certain conditions as described in Rate Rider CL. The CL rider is available to customers taking service under rate schedules LP, LPT, PX, or PXT and who also execute a Curtailable Load Service agreement (CL Service Agreement). Qualifying customers must commit a minimum of 4,000 KW of non-firm load.

Program Projections: For the period January 2021 through December 2021, the Company expects participation of an additional 1,000 Summer KW. Expenses of \$739,158 are projected for this program in 2021 as detailed in Schedule C-2.

Program Accomplishments:

During the period January 2020 through June 2020, 24 accounts are participating on this rate.

Program Expenditures: Actual expenses for January through June 2020 were \$331,259. Estimated expenses for 2020 are \$662,518.

Program Progress Summary: Since its launch in March 2018, one customer with 24 accounts has participated in this program.

2021 ECCR Factors

<u>Rate Schedule</u>	<u>Energy Conservation Clause Recovery Factor</u>
RS	0.090 ¢/kWh
RSVP Tier 1	(2.700) ¢/kWh
RSVP Tier 2	(0.830) ¢/kWh
RSVP Tier 3	6.757 ¢/kWh
RSVP Tier 4	51.020 ¢/kWh
GS	0.091 ¢/kWh
GSD, GSDT, GSTOU	0.085 ¢/kWh
LP, LPT	0.081 ¢/kWh
PX, PXT, RTP, SBS	0.079 ¢/kWh
OS-I/II	0.065 ¢/kWh
OS-III	0.079 ¢/kWh
CL	(\$5.57) per kW

Equity @ 10.25%	FORECASTED 2021 CAPITAL STRUCTURE AND COST RATES ^(a)				
	ADJUSTED		MIDPOINT	WEIGHTED	PRE-TAX
	RETAIL	RATIO	COST RATES	COST	WEIGHTED COST
LONG TERM DEBT	923,869,652	28.122%	2.91%	0.8195%	0.82%
SHORT TERM DEBT	327,115,529	9.957%	0.51%	0.0508%	0.05%
PREFERRED STOCK	0	0.000%	0.00%	0.0000%	0.00%
CUSTOMER DEPOSITS	20,576,210	0.626%	2.66%	0.0167%	0.02%
COMMON EQUITY ^(b)	1,439,015,272	43.802%	10.25%	4.4897%	5.95%
DEFERRED INCOME TAX	558,510,509	17.000%	0.00%	0.0000%	0.00%
INVESTMENT TAX CREDITS					
ZERO COST	0	0.000%	0.00%	0.0000%	0.00%
WEIGHTED COST	16,176,661	0.492%	7.38%	0.0363%	0.05%
TOTAL	\$3,285,263,833	100.00%		5.4130%	6.88%
CALCULATION OF THE WEIGHTED COST FOR INVESTMENT TAX CREDITS					
	ADJUSTED		COST	WEIGHTED	PRE TAX
	RETAIL	RATIO	RATE	COST	COST
LONG TERM DEBT	\$923,869,652	39.10%	2.914%	1.139%	1.139%
PREFERRED STOCK	0	0.00%	0.000%	0.000%	0.000%
COMMON EQUITY	1,439,015,272	60.90%	10.250%	6.242%	8.270%
TOTAL	\$2,362,884,924	100.00%		7.382%	9.410%
RATIO					
DEBT COMPONENTS:					
LONG TERM DEBT	0.8195%				
SHORT TERM DEBT	0.0508%				
CUSTOMER DEPOSITS	0.0167%				
TAX CREDITS -WEIGHTED	0.0056%				
TOTAL DEBT	0.8925%				
EQUITY COMPONENTS:					
PREFERRED STOCK	0.0000%				
COMMON EQUITY	4.4897%				
TAX CREDITS -WEIGHTED	0.0307%				
TOTAL EQUITY	4.5205%				
TOTAL	5.4130%				
PRE-TAX EQUITY	5.9891%				
PRE-TAX TOTAL	6.8816%				
Note:					
(a) Forecasted capital structure includes a deferred income tax proration adjustment consistent with FPSC Order No. PSC-2020-0165-PAA-EU, Docket No. 20200118-EU.					
(b) Cost rate for common equity represents Gulf's mid-point return on equity approved by the FPSC in Order No. PSC-17-0178-S-EI, Docket Nos. 160186-EI and 160170-EI.					

DUKE ENERGY FLORIDA, LLC
ENERGY CONSERVATION ADJUSTED NET TRUE-UP
FOR THE PERIOD JANUARY 2019 THROUGH DECEMBER 2019

LINE
NO.

1	ACTUAL END OF PERIOD TRUE-UP (OVER) / UNDER RECOVERY		
2	BEGINNING BALANCE	(\$5,979,386)	
3	PRINCIPAL (CT 3, PAGE 2 of 5)	3,758,999	
4	INTEREST (CT 3, PAGE 3 of 5)	(11,489)	
5	PRIOR TRUE-UP REFUND	5,979,386	
6	ADJUSTMENTS	<u>0</u>	\$3,747,510
7	LESS: ESTIMATED TRUE-UP FROM AUGUST 2019		
8	PROJECTION FILING (OVER) / UNDER RECOVERY		
9	BEGINNING BALANCE	(\$5,979,386)	
10	PRINCIPAL	2,998,317	
11	INTEREST	(13,665)	
12	PRIOR TRUE-UP REFUND	5,979,386	
13	ADJUSTMENTS	<u>0</u>	<u>\$2,984,652</u>
14	VARIANCE TO PROJECTION		<u><u>\$762,858</u></u>

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20200002-EG EXHIBIT: 10
PARTY: LJC-1T
DESCRIPTION: ECCR Adjusted Net True-Up
for January-December 2019, Schedules CT1
– CT6

DUKE ENERGY FLORIDA, LLC

ANALYSIS OF ENERGY CONSERVATION PROGRAM COSTS
ACTUAL VS. ESTIMATED
FOR THE PERIOD JANUARY 2019 THROUGH DECEMBER 2019

LINE NO.	PROGRAM	ACTUAL	ESTIMATED	DIFFERENCE
1	DEPRECIATION AMORT. & RETURN	13,157,421	13,063,187	94,234
2	PAYROLL AND BENEFITS	12,542,074	13,202,658	(660,584)
3	MATERIALS AND SUPPLIES	184,577	500,849	(316,272)
4	OUTSIDE SERVICES	5,392,005	5,012,028	379,977
5	ADVERTISING	1,920,516	1,764,372	156,144
6	INCENTIVES	80,018,016	79,195,344	822,672
7	VEHICLES	244,676	244,383	293
8	OTHER	624,938	709,378	(84,440)
9	PROGRAM REVENUES	0	0	0
10	TOTAL PROGRAM COSTS	114,084,224	113,692,199	392,025
11	LESS:			
12	CONSERVATION CLAUSE REVENUES	104,345,839	104,714,496	(368,657)
13	PRIOR TRUE-UP	5,979,386	5,979,386	0
14	TRUE-UP BEFORE INTEREST	3,758,999	2,998,317	760,682
15	AUDIT & REV DECOUPLING ADJUSTMENT			
16	INTEREST PROVISION	(11,489)	(13,665)	2,176
17	END OF PERIOD TRUE-UP	3,747,510	2,984,652	762,858

() REFLECTS OVERRECOVERY

** Certain schedules may not foot/crossfoot due to rounding of decimals in files.

DUKE ENERGY FLORIDA, LLC

ACTUAL ENERGY CONSERVATION PROGRAM COSTS PER PROGRAM
FOR THE PERIOD JANUARY 2019 THROUGH DECEMBER 2019

LINE NO.	PROGRAM	DEPRECIATION AMORTIZATION & RETURN	PAYROLL & BENEFITS	VEHICLES	OUTSIDE SERVICES	MATERIALS & SUPPLIES	ADVERTISING	INCENTIVES	OTHER	SUB-TOTAL	PROGRAM REVENUES (CREDIT)	TOTAL
1	HOME ENERGY CHECK	11,089	2,573,282	94,670	584,584	61,811	541,427	533,202	63,961	4,464,026	0	4,464,026
2	RESIDENTIAL INCENTIVE PROGRAM	0	1,932,070	69,674	225,925	22,004	194,548	5,300,246	27,103	7,771,570	0	7,771,570
3	BUSINESS ENERGY CHECK	0	420,541	7,039	61,940	42,063	36,532	11,471	18,537	598,122	0	598,122
4	BETTER BUSINESS	0	1,011,888	7,215	118,633	3,531	64,127	1,734,871	26,372	2,966,636	0	2,966,636
5	TECHNOLOGY DEVELOPMENT	0	213,307	0	238,418	1,840	0	0	14,936	468,500	0	468,500
6	FLORIDA CUSTOM INCENTIVE PROGRAM	0	279,489	400	189,173	990	41,199	211,522	38,541	761,313	0	761,313
7	INTERRUPTIBLE SERVICE	26,850	181,756	1,055	363	744	0	36,415,063	2,772	36,628,604	0	36,628,604
8	CURTAILABLE SERVICE	0	38,019	0	0	0	0	2,101,802	0	2,139,821	0	2,139,821
9	LOAD MANAGEMENT (RESIDENTIAL & COMMERCIAL)	13,075,630	1,874,384	54,224	2,297,063	46,216	986,003	26,141,316	128,886	44,603,721	0	44,603,721
10	LOW INCOME WEATHERIZATION ASSISTANCE PROGRAM	0	131,774	15	887	0	11,000	127,731	5,800	277,206	0	277,206
11	STANDBY GENERATION	43,852	312,676	6,743	4,245	11,106	0	4,301,953	1,637	4,682,211	0	4,682,211
12	QUALIFYING FACILITY	0	1,107,201	1,884	682,721	441	0	0	14,984	1,807,231	0	1,807,231
13	NEIGHBORHOOD ENERGY SAVER	0	207,757	662	276,730	1,274	45,681	3,138,842	15,530	3,686,476	0	3,686,476
14	CONSERVATION PROGRAM ADMIN	0	2,257,931	1,094	711,323	(7,442)	0	0	265,881	3,228,787	0	3,228,787
15	TOTAL ALL PROGRAMS	13,157,421	12,542,074	244,676	5,392,005	184,577	1,920,516	80,018,016	624,938	114,084,224	0	114,084,224

DUKE ENERGY FLORIDA, LLC

VARIANCE IN ENERGY CONSERVATION PROGRAM COSTS
12 MONTHS ACTUAL vs. 12 MONTHS ESTIMATED

LINE NO.	PROGRAM	DEPRECIATION AMORTIZATION & RETURN	PAYROLL & BENEFITS	VEHICLES	OUTSIDE SERVICES	MATERIALS & SUPPLIES	ADVERTISING	INCENTIVES	OTHER	SUB-TOTAL	PROGRAM REVENUES (CREDIT)	TOTAL
1	HOME ENERGY CHECK	(16)	(164,066)	2,491	(201,189)	21,897	(19,342)	70,351	523	(289,353)	0	(289,353)
2	RESIDENTIAL INCENTIVE PROGRAM	0	(97,841)	163	6,790	8,057	25,270	263,359	(2,274)	203,524	0	203,524
3	BUSINESS ENERGY CHECK	0	(11,993)	(1,358)	(234,748)	35,549	(40,114)	(6,268)	(5,343)	(264,276)	0	(264,276)
4	BETTER BUSINESS	0	(75,885)	(4,348)	(12,809)	654	(27,038)	(58,277)	(11,556)	(189,259)	0	(189,259)
5	TECHNOLOGY DEVELOPMENT	0	(1,582)	0	2,600	(1,804)	0	0	2,236	1,451	0	1,451
6	FLORIDA CUSTOM INCENTIVE PROGRAM	0	(20,318)	(493)	(19,886)	(2,029)	(35,798)	(93,249)	(11,289)	(183,063)	0	(183,063)
7	INTERRUPTIBLE SERVICE	(4,178)	(23,946)	107	0	552	0	(941,519)	(1,349)	(970,332)	0	(970,332)
8	CURTAILABLE SERVICE	0	(788)	0	0	0	0	(193,450)	0	(194,238)	0	(194,238)
9	LOAD MANAGEMENT (RESIDENTIAL & COMMERCIAL)	88,135	(26,403)	4,894	584,919	(230,805)	303,237	944,085	5,062	1,673,124	0	1,673,124
10	LOW INCOME WEATHERIZATION ASSISTANCE PROGRAM	0	(15,846)	8	(775)	0	(19,000)	(21,773)	(1,946)	(59,333)	0	(59,333)
11	STANDBY GENERATION	10,293	(32,635)	(162)	(5,533)	(102,751)	0	(357,776)	(2,346)	(490,910)	0	(490,910)
12	QUALIFYING FACILITY	0	(63,562)	(915)	189,331	(459)	0	0	(3,010)	121,385	0	121,385
13	NEIGHBORHOOD ENERGY SAVER	0	(1,487)	116	12,727	980	(31,071)	1,217,189	(2,213)	1,196,241	0	1,196,241
14	CONSERVATION PROGRAM ADMIN	0	(124,230)	(210)	58,551	(46,112)	0	0	(50,935)	(162,937)	0	(162,937)
15	TOTAL ALL PROGRAMS	94,234	(660,584)	293	379,977	(316,272)	156,144	822,672	(84,440)	392,025	0	392,025

** Certain schedules may not foot/crossfoot due to rounding of decimals in files.

DUKE ENERGY FLORIDA, LLC

ESTIMATED ENERGY CONSERVATION PROGRAM COSTS PER PROGRAM
FOR THE PERIOD JANUARY 2019 THROUGH DECEMBER 2019

LINE NO.	PROGRAM	DEPRECIATION AMORTIZATION & RETURN	PAYROLL & BENEFITS	VEHICLES	OUTSIDE SERVICES	MATERIALS & SUPPLIES	ADVERTISING	INCENTIVES	OTHER	SUB-TOTAL	PROGRAM REVENUES (CREDIT)	TOTAL
1	HOME ENERGY CHECK	11,105	2,737,348	92,179	785,773	39,914	560,769	462,851	63,439	4,753,378	0	4,753,378
2	RESIDENTIAL INCENTIVE PROGRAM	0	2,029,912	69,511	219,135	13,948	169,278	5,036,887	29,376	7,568,047	0	7,568,047
3	BUSINESS ENERGY CHECK	0	432,534	8,397	296,688	6,514	76,645	17,739	23,880	862,397	0	862,397
4	BETTER BUSINESS	0	1,087,772	11,563	131,442	2,877	91,165	1,793,148	37,928	3,155,895	0	3,155,895
5	TECHNOLOGY DEVELOPMENT	0	214,889	0	235,817	3,643	0	0	12,700	467,049	0	467,049
6	FLORIDA CUSTOM INCENTIVE PROGRAM	0	299,808	893	209,059	3,019	76,996	304,770	49,831	944,376	0	944,376
7	INTERRUPTIBLE SERVICE	31,028	205,702	948	363	192	0	37,356,582	4,121	37,598,936	0	37,598,936
8	CURTAILABLE SERVICE	0	38,807	0	0	0	0	2,295,252	0	2,334,058	0	2,334,058
9	LOAD MANAGEMENT (RESIDENTIAL & COMMERCIAL)	12,987,495	1,900,787	49,331	1,712,144	277,021	682,765	25,197,230	123,823	42,930,597	0	42,930,597
10	LOW INCOME WEATHERIZATION ASSISTANCE PROGRAM	0	147,620	8	1,662	0	30,000	149,503	7,745	336,539	0	336,539
11	STANDBY GENERATION	33,559	345,312	6,905	9,777	113,856	0	4,659,729	3,982	5,173,121	0	5,173,121
12	QUALIFYING FACILITY	0	1,170,763	2,799	493,391	900	0	0	17,994	1,685,846	0	1,685,846
13	NEIGHBORHOOD ENERGY SAVER	0	209,244	546	264,003	294	76,752	1,921,653	17,743	2,490,235	0	2,490,235
14	CONSERVATION PROGRAM ADMIN	0	2,382,161	1,304	652,773	38,670	0	0	316,816	3,391,723	0	3,391,723
15	TOTAL ALL PROGRAMS	13,063,187	13,202,658	244,383	5,012,028	500,849	1,764,372	79,195,344	709,378	113,692,199	0	113,692,199

DUKE ENERGY FLORIDA, LLC

ACTUAL CONSERVATION PROGRAM COSTS BY MONTH
FOR THE PERIOD JANUARY 2019 THROUGH DECEMBER 2019

LINE NO.	PROGRAM TITLE	January	February	March	April	May	June	July	August	September	October	November	December	TOTAL
1	HOME ENERGY CHECK	287,167	388,612	539,257	400,906	401,309	337,597	389,548	406,623	338,667	357,957	280,148	336,235	4,464,026
2	RESIDENTIAL INCENTIVE PROGRAM	654,752	604,066	652,044	724,496	597,213	633,076	650,037	927,118	658,770	662,482	703,598	303,918	7,771,570
3	BUSINESS ENERGY CHECK	25,122	45,496	63,035	61,307	56,321	74,316	47,201	53,409	(28,449)	50,398	57,935	92,031	598,122
4	BETTER BUSINESS	196,456	336,834	185,269	316,064	226,222	283,290	187,251	181,055	123,718	474,309	273,417	182,751	2,966,636
5	TECHNOLOGY DEVELOPMENT	18,128	20,917	60,280	47,466	(33,649)	25,125	22,378	27,205	28,021	19,501	139,953	93,173	468,500
6	FLORIDA CUSTOM INCENTIVE PROGRAM	69,169	(10,348)	70,013	64,501	67,782	143,659	79,036	83,728	(14,208)	98,899	40,037	69,044	761,313
7	INTERRUPTIBLE SERVICE	2,813,970	2,892,378	2,812,547	3,007,541	2,905,348	3,240,536	3,027,854	3,067,472	3,316,713	3,225,702	3,232,155	3,086,387	36,628,604
8	CURTAILABLE SERVICE	208,414	196,987	150,505	165,928	189,628	309,968	13,897	211,082	180,521	124,615	210,378	177,898	2,139,821
9	LOAD MANAGEMENT (RESIDENTIAL & COMMERCIAL)	3,716,863	4,063,052	3,710,463	3,003,024	3,309,744	3,672,308	3,751,582	3,795,602	3,903,217	3,571,626	4,403,870	3,702,369	44,603,721
10	LOW INCOME WEATHERIZATION ASSISTANCE PROGRAM	25,389	24,466	18,824	36,155	25,193	28,996	23,113	22,867	11,576	21,143	26,272	13,212	277,206
11	STANDBY GENERATION	381,757	420,371	382,313	394,714	457,023	392,905	374,920	368,052	368,841	422,232	348,629	370,453	4,682,211
12	QUALIFYING FACILITY	98,013	96,916	103,757	102,989	96,892	93,045	142,459	138,177	378,751	87,668	164,470	304,095	1,807,231
13	NEIGHBORHOOD ENERGY SAVER	12,766	337,507	232,884	255,655	199,295	244,346	202,010	95,670	642,857	474,431	522,494	466,562	3,686,476
14	CONSERVATION PROGRAM ADMIN	320,557	181,745	348,172	248,674	302,653	335,595	295,740	302,176	250,485	227,423	16,722	398,843	3,228,787
15	TOTAL ALL PROGRAMS	8,828,523	9,599,000	9,329,364	8,829,420	8,800,974	9,814,764	9,207,026	9,680,236	10,159,481	9,818,386	10,420,078	9,596,972	114,084,224
16	LESS: BASE RATE RECOVERY	0	0	0	0	0	0	0	0	0	0	0	0	0
17	NET RECOVERABLE (CT-3,PAGE 2)	8,828,523	9,599,000	9,329,364	8,829,420	8,800,974	9,814,764	9,207,026	9,680,236	10,159,481	9,818,386	10,420,078	9,596,972	114,084,224

DUKE ENERGY FLORIDA, LLC
ENERGY CONSERVATION ADJUSTMENT
CALCULATION OF TRUE-UP
FOR THE PERIOD JANUARY 2019 THROUGH DECEMBER 2019

LINE NO.	January	February	March	April	May	June	July	August	September	October	November	December	Total for the Period
1 OTHER CONSERVATION REVENUES	0	0	0	0	0	0	0	0	0	0	0	0	0
2 CONSERVATION CLAUSE REVENUES	7,252,718	7,524,175	7,433,154	7,626,727	8,453,161	10,052,167	9,909,990	10,243,564	10,347,415	9,163,936	8,833,975	7,504,857	104,345,839
3 TOTAL REVENUES	7,252,718	7,524,175	7,433,154	7,626,727	8,453,161	10,052,167	9,909,990	10,243,564	10,347,415	9,163,936	8,833,975	7,504,857	104,345,839
4 PRIOR PERIOD TRUE-UP OVER/(UNDER)	(5,979,386)	498,282	498,282	498,282	498,282	498,282	498,282	498,282	498,282	498,282	498,282	498,282	5,979,386
5 CONSERVATION REVENUES APPLICABLE TO PERIOD	7,751,000	8,022,457	7,931,437	8,125,009	8,951,444	10,550,449	10,408,272	10,741,846	10,845,697	9,662,218	9,332,257	8,003,139	110,325,224
6 CONSERVATION EXPENSES (CT-3,PAGE 1, LINE 37)	8,828,523	9,599,000	9,329,364	8,829,420	8,800,974	9,814,764	9,207,026	9,680,236	10,159,481	9,818,386	10,420,078	9,596,972	114,084,224
7 TRUE-UP THIS PERIOD (O)/U	1,077,522	1,576,543	1,397,928	704,411	(150,470)	(735,685)	(1,201,245)	(1,061,610)	(686,216)	156,168	1,087,821	1,593,832	3,758,999
8 CURRENT PERIOD INTEREST	(10,448)	(6,781)	(2,848)	304	1,856	1,926	945	(206)	(829)	(397)	1,190	3,799	(11,489)
9 ADJUSTMENTS PER AUDIT	0	0	0	0	0	0	0	0	0	0	0	0	0
10 TRUE-UP & INTEREST PROVISIONS BEGINNING OF PERIOD (O)/U	(5,979,386)	(4,414,030)	(2,345,986)	(452,624)	750,373	1,100,041	864,565	162,547	(400,987)	(589,750)	64,303	1,651,596	(5,979,386)
11 PRIOR TRUE-UP REFUNDED/ (COLLECTED)	498,282	498,282	498,282	498,282	498,282	498,282	498,282	498,282	498,282	498,282	498,282	498,282	5,979,386
12 END OF PERIOD NET TRUE-UP	(4,414,030)	(2,345,986)	(452,624)	750,373	1,100,041	864,565	162,547	(400,987)	(589,750)	64,303	1,651,596	3,747,510	3,747,510

DUKE ENERGY FLORIDA, LLC

CALCULATION OF INTEREST PROVISION
FOR THE PERIOD JANUARY 2019 THROUGH DECEMBER 2019

LINE NO.	January	February	March	April	May	June	July	August	September	October	November	December	Total for the Period
1 BEGINNING TRUE-UP AMOUNT (CT-3,PAGE 2, LINE 9 & 10)	(5,979,386)	(4,414,030)	(2,345,986)	(452,624)	750,373	1,100,041	864,565	162,547	(400,987)	(589,750)	64,303	1,651,596	
2 ENDING TRUE-UP AMOUNT BEFORE INTEREST	(4,403,582)	(2,339,205)	(449,776)	750,069	1,098,185	862,639	161,602	(400,781)	(588,921)	64,700	1,650,406	3,743,711	
3 TOTAL BEGINNING & ENDING TRUE-UP	(10,382,968)	(6,753,234)	(2,795,762)	297,445	1,848,558	1,962,680	1,026,166	(238,234)	(989,908)	(525,050)	1,714,710	5,395,307	
4 AVERAGE TRUE-UP AMOUNT (50% OF LINE 3)	(5,191,484)	(3,376,617)	(1,397,881)	148,722	924,279	981,340	513,083	(119,117)	(494,954)	(262,525)	857,355	2,697,654	
5 INTEREST RATE: FIRST DAY REPORTING BUSINESS MONTH	2.42%	2.41%	2.41%	2.48%	2.43%	2.39%	2.32%	2.10%	2.05%	1.97%	1.66%	1.67%	
6 INTEREST RATE: FIRST DAY SUBSEQUENT BUSINESS MONTH	2.41%	2.41%	2.48%	2.43%	2.39%	2.32%	2.10%	2.05%	1.97%	1.66%	1.67%	1.71%	
7 TOTAL (LINE 5 AND LINE 6)	4.83%	4.82%	4.89%	4.91%	4.82%	4.71%	4.42%	4.15%	4.02%	3.63%	3.33%	3.38%	
8 AVERAGE INTEREST RATE (50% OF LINE 7)	2.42%	2.41%	2.45%	2.46%	2.41%	2.36%	2.21%	2.08%	2.01%	1.82%	1.67%	1.69%	
9 INTEREST PROVISION (LINE 4 * LINE 8) / 12	(10,448)	(6,781)	(2,848)	304	1,856	1,926	945	(206)	(829)	(397)	1,190	3,799	(11,489)

Duke Energy Florida, LLC
Conservation Account Numbers
For the Period January 2019 - December 2019

Line No.	Account	Product	Program Title
1	0908000	HEHC	Home Energy Check
1	0909000	HEHC	Home Energy Check (Advertising)
1	0403002	HEHC	Home Energy Check (Equipment Depreciation)
2	0908000	SSHEI	Residential Incentive Program
2	0909000	SSHEI	Residential Incentive Program (Advertising)
3	0908000	NRAOS	Business Energy Check
3	0909000	NRAOS	Business Energy Check (Advertising)
4	0908000	NRBBUS	Better Business
4	0909000	NRBBUS	Better Business (Advertising)
5	0908000	TECDEV	Technology Development (Energy Efficiency Research)
6	0908000	NRPRSC	Florida Custom Incentive
6	0909000	NRPRSC	Florida Custom Incentive (Advertising)
7	0908000	IRRSVC	Interruptible Service
7	0403002	IRRSVC	Interruptible Service (Equipment Depreciation)
8	0908000	PWRSHR	Curtable Service
9	0908000	PWRMGR	Energy Management - Residential
9	0908002	PWRMGR	Energy Management - Residential (Amortization of Load Mgmt Switches)
9	0909000	PWRMGR	Energy Management - Residential (Advertising)
9	0403002	PWRMGR	Energy Management - Residential (Equipment Depreciation)
9	0182398	PWRMGR	Other accounts included with Energy Management - Residential (Switch installation)
10	0908000	COMLM	Energy Management - Commercial
11	0908000	WZELEC	Low Income Weatherization Asst
11	0909000	WZELEC	Low Income Weatherization Asst (Advertising)
12	0908000	STBGEN	Standby Generation
12	0403002	STBGEN	Standby Generation (Equipment Depreciation)
13	0908000	PPCOGN	Qualifying Facility - COGEN contract maintenance
14	0908000	HWLI	Neighborhood Energy Saver
14	0909000	HWLI	Neighborhood Energy Saver (Advertising)
15	0908000	NOPROD	Conservation Program Admin

Duke Energy Florida, LLC
 Energy Conservation Cost Recovery
 Schedule of Capital Investment, Depreciation & Return
 January 2019 - December 2019 Actuals

FPSC Docket No. 20200002-EG
 Duke Energy Florida, LLC
 Witness: Lori J. Cross
 Exhibit No. ___(LJC-1T)
 Schedule CT-4
 Page 1 of 3
 May 4, 2020

Line No.	Program Demand (D) or Energy (E)	Beginning Balance	Act Jan-19	Act Feb-19	Act Mar-19	Act Apr-19	Act May-19	Act Jun-19	Act Jul-19	Act Aug-19	Act Sep-19	Act Oct-19	Act Nov-19	Act Dec-19	Total
1	Home Energy Check (E)														
2	Investments		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
3	Retirements		0	0	0	0	0	0	0	0	0	82,462	0	0	82,462
4	Depreciation Base		82,462	82,462	82,462	82,462	82,462	82,462	82,462	82,462	82,462	41,231	0	0	
5															
6	Depreciation Expense		982	982	982	982	982	982	982	982	982	491	0	0	9,329
7															
8	Cumulative Investment	82,462	82,462	82,462	82,462	82,462	82,462	82,462	82,462	82,462	82,462	0	0	0	0
9	Less: Accumulated Depreciation	49,114	50,096	51,078	52,060	53,042	54,024	55,006	55,988	56,970	57,952	0	0	0	0
10	Net Investment	33,348	32,366	31,384	30,402	29,420	28,438	27,456	26,474	25,492	24,510	0	0	0	0
11	Average Investment		32,857	31,875	30,893	29,911	28,929	27,947	26,965	25,983	25,001	12,255	0	0	
12	Return on Average Investment		175	169	165	159	154	149	141	136	131	64	0	0	1,443
13															
14	Return Requirements		213	206	201	194	188	181	173	166	160	78	0	0	1,760
15															
16	Program Total		\$1,195	\$1,188	\$1,183	\$1,176	\$1,170	\$1,163	\$1,155	\$1,148	\$1,142	\$569	\$0	\$0	\$11,089
17	Standby Generation (D)														
18	Investments		\$0	\$132,593	\$0	\$0	\$0	\$0	\$90,189	\$0	\$0	\$0	\$0	\$0	\$222,782
19	Retirements		0	35,171	0	0	0	0	0	12,363	0	0	5	0	47,538
20	Depreciation Base		47,538	29,952	144,960	144,960	144,960	144,960	144,960	222,968	222,786	222,786	222,784	222,782	
21															
22	Depreciation Expense		792	499	2,416	2,416	2,416	2,416	2,416	3,816	3,713	3,713	3,713	3,713	32,039
23															
24	Cumulative Investment	47,538	47,538	144,960	144,960	144,960	144,960	144,960	235,149	222,786	222,786	222,786	222,782	222,782	222,782
25	Less: Accumulated Depreciation	39,008	39,800	5,128	7,544	9,960	12,376	14,792	17,208	8,661	12,374	16,087	19,796	23,509	23,509
26	Net Investment	8,530	7,738	139,832	137,416	135,000	132,584	130,168	217,941	214,125	210,412	206,699	202,986	199,273	199,273
27	Average Investment		8,134	73,785	138,624	136,208	133,792	131,376	174,055	216,033	212,269	208,556	204,843	201,130	
28	Return on Average Investment		43	392	738	724	711	699	910	1,129	1,110	1,090	1,071	1,052	9,669
29															
30	Return Requirements		52	478	899	883	867	852	1,113	1,381	1,358	1,333	1,310	1,287	11,813
31															
32	Program Total		\$844	\$977	\$3,315	\$3,299	\$3,283	\$3,268	\$3,529	\$5,197	\$5,071	\$5,046	\$5,023	\$5,000	\$43,852

Notes:
 - Jan - Jun return on average investment is calculated using an annual rate of 6.38% based on May 2018 DEF Surveillance Report capital structure & costs rates. See Stipulation & Settlement Agreement in Order No. PSC-12-0425-PAA-EU, Docket 20120002-EG.
 - Jul - Dec return on average investment is calculated using an annual rate of 6.27% based on May 2019 DEF Surveillance Report capital structure & costs rates. See Stipulation & Settlement Agreement in Order No. PSC-12-0425-PAA-EU, Docket 20120002-EG.
 - Return Requirements are calculated using a combined statutory tax rate of 24.522%, that includes the FL State Corporate tax change effective January 2019.
 - The WACC used for 2019 has been adjusted in compliance with paragraph 19 of DEF's Settlement Agreement

Duke Energy Florida, LLC
Energy Conservation Cost Recovery
Schedule of Capital Investment, Depreciation & Return
January 2019 - December 2019 Actuals

FPSC Docket No. 20200002-EG
Duke Energy Florida, LLC
Witness: Lori J. Cross
Exhibit No. (LJC-1T)
Schedule CT-4
Page 2 of 3
May 4, 2020

Line No.	Program Demand (D) or Energy (E)	Beginning Balance	Act Jan-19	Act Feb-19	Act Mar-19	Act Apr-19	Act May-19	Act Jun-19	Act Jul-19	Act Aug-19	Act Sep-19	Act Oct-19	Act Nov-19	Act Dec-19	Total
1	Interruptible Service (D)														
2	Investments		\$0	\$59,853	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$59,853
3	Retirements		0	7,153	0	0	0	0	0	0	0	0	0	0	7,153
4	Depreciation Base		63,673	60,097	116,373	116,373	116,373	116,373	116,373	116,373	116,373	116,373	116,373	116,373	
5															
6	Depreciation Expense		1,061	1,002	1,940	1,940	1,940	1,940	1,940	1,940	1,940	1,940	1,940	1,940	21,463
7															
8	Cumulative Investment	63,673	63,673	116,373	116,373	116,373	116,373	116,373	116,373	116,373	116,373	116,373	116,373	116,373	116,373
9	Less: Accumulated Depreciation	36,333	37,394	31,243	33,183	35,123	37,063	39,003	40,943	42,883	44,823	46,763	48,703	50,643	50,643
10	Net Investment	27,340	26,279	85,130	83,190	81,250	79,310	77,370	75,430	73,490	71,550	69,610	67,670	65,730	65,730
11	Average Investment		26,810	55,705	84,160	82,220	80,280	78,340	76,400	74,460	72,520	70,580	68,640	66,700	66,700
12	Return on Average Investment		143	297	448	438	427	417	399	389	379	369	358	348	4,412
13															
14	Return Requirements		174	362	546	534	521	508	488	476	463	451	438	426	5,387
15															
16	Program Total		\$1,235	\$1,364	\$2,486	\$2,474	\$2,461	\$2,448	\$2,428	\$2,416	\$2,403	\$2,391	\$2,378	\$2,366	\$26,850
17	Residential Energy Management - Summary (Itemized below) (D)														
18	Expenditures Booked Directly to Plant		\$178,951	\$622,915	\$525,268	\$796,512	\$1,038,044	\$517,329	\$897,303	\$405,542	\$324,165	\$1,101,633	\$626,524	\$630,719	\$7,664,905
19	Retirements		71,164	158,154	479,651	460,980	(193,898)	54,691	21,054	89,890	24,267	20,331	24,668	19,943	1,230,895
20	Investments Booked to CWIP		0	0	0	0	0	0	0	0	0	0	0	0	0
21	Closings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
22	Depreciation Base		55,823,269	55,887,560	56,191,572	56,246,525	56,909,497	58,017,144	58,496,600	59,338,431	59,686,894	59,988,760	61,067,894	61,672,113	
23															
24	Depreciation Expense		876,635	877,707	882,774	883,690	894,740	913,200	921,191	935,222	941,030	946,062	964,048	974,118	11,010,417
25															
26	Cumulative Plant Investment	55,858,851	55,966,638	56,431,398	56,477,016	56,812,547	58,044,489	58,507,127	59,383,376	59,699,027	59,998,925	61,080,228	61,682,084	62,292,861	62,292,861
27	Less: Accumulated Depreciation	27,358,750	28,164,221	28,883,774	29,286,897	29,709,606	30,798,244	31,656,754	32,556,890	33,402,222	34,318,985	35,244,716	36,184,096	37,138,272	37,138,272
28	Cumulative CWIP Investment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	Net Plant Investment	28,500,101	27,802,417	27,547,625	27,190,119	27,102,941	27,246,245	26,850,373	26,826,485	26,296,805	25,679,941	25,835,512	25,497,987	25,154,589	25,154,589
30	Average Investment		28,151,259	27,675,021	27,368,872	27,146,530	27,174,593	27,048,309	26,838,429	26,561,645	25,988,373	25,757,726	25,666,750	25,326,288	25,326,288
31	Return on Average Investment		149,739	147,206	145,578	144,394	144,544	143,873	140,304	138,855	135,859	134,653	134,178	132,398	1,691,581
32															
33	Return Requirements		182,512	179,424	177,439	175,997	176,180	175,362	171,597	169,825	166,160	164,685	164,104	161,928	2,065,213
34															
35	Program Total		\$1,059,147	\$1,057,131	\$1,060,213	\$1,059,687	\$1,070,920	\$1,088,562	\$1,092,788	\$1,105,047	\$1,107,190	\$1,110,747	\$1,128,152	\$1,136,046	\$13,075,630
36	Residential Energy Management - SmartGrid Hardware for ODS, LMS, APPDEV & TELECOM (D)														
37	Expenditures Booked Directly to Plant		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
38	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
39	Investments Booked to CWIP		0	0	0	0	0	0	0	0	0	0	0	0	0
40	Closings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
41	Depreciation Base		10,587,391	10,587,391	10,587,391	10,587,391	10,587,391	10,587,391	10,587,391	10,587,391	10,587,391	10,587,391	10,587,391	10,587,391	
42															
43	Depreciation Expense		122,689	122,689	122,689	122,689	122,689	122,689	122,689	122,689	122,689	122,689	122,689	122,689	1,472,268
44															
45	Cumulative Plant Investment	10,587,391	10,587,391	10,587,391	10,587,391	10,587,391	10,587,391	10,587,391	10,587,391	10,587,391	10,587,391	10,587,391	10,587,391	10,587,391	10,587,391
46	Less: Accumulated Depreciation	7,408,702	7,531,391	7,654,080	7,776,769	7,899,458	8,022,147	8,144,836	8,267,525	8,390,214	8,512,903	8,635,592	8,758,281	8,880,970	8,880,970
47	Cumulative CWIP Investment														
48	Net Plant Investment	3,178,689	3,056,000	2,933,311	2,810,622	2,687,933	2,565,244	2,442,555	2,319,866	2,197,177	2,074,488	1,951,799	1,829,110	1,706,421	1,706,421
49	Average Investment		3,117,345	2,994,656	2,871,967	2,749,278	2,626,589	2,503,900	2,381,211	2,258,522	2,135,833	2,013,144	1,890,455	1,767,766	1,767,766
50	Return on Average Investment		16,581	15,929	15,276	14,623	13,971	13,318	12,449	11,806	11,165	10,524	9,882	9,241	154,765
51															
52	Return Requirements		20,210	19,415	18,619	17,823	17,029	16,233	15,226	14,439	13,655	12,871	12,086	11,302	188,908
53															
54	Program Total		\$142,899	\$142,104	\$141,308	\$140,512	\$139,718	\$138,922	\$137,915	\$137,128	\$136,344	\$135,560	\$134,775	\$133,991	\$1,661,176

Notes:

- Jan - Jun return on average investment is calculated using an annual rate of 6.38% based on May 2018 DEF Surveillance Report capital structure & costs rates. See Stipulation & Settlement Agreement in Order No. PSC-12-0425-PAA-EU, Docket 20120002-EG.
- Jul - Dec return on average investment is calculated using an annual rate of 6.27% based on May 2019 DEF Surveillance Report capital structure & costs rates. See Stipulation & Settlement Agreement in Order No. PSC-12-0425-PAA-EU, Docket 20120002-EG.
- Return Requirements are calculated using a combined statutory tax rate of 24.522%, that includes the FL State Corporate tax change effective January 2019.
- The WACC used for 2019 has been adjusted in compliance with paragraph 19 of DEF's Settlement Agreement

Duke Energy Florida, LLC
Energy Conservation Cost Recovery
Schedule of Capital Investment, Depreciation & Return
January 2019 - December 2019 Actuals

FPSC Docket No. 20200002-EG
Duke Energy Florida, LLC
Witness: Lori J. Cross
Exhibit No. (LJC-1T)
Schedule CT-4
Page 3 of 3
May 4, 2020

Line No.	Program Demand (D) or Energy (E)	Beginning Balance	Act Jan-19	Act Feb-19	Act Mar-19	Act Apr-19	Act May-19	Act Jun-19	Act Jul-19	Act Aug-19	Act Sep-19	Act Oct-19	Act Nov-19	Act Dec-19	Total
1	Residential Energy Management - SmartGrid Software for ODS, LMS, APPDEV (D)														
2	Expenditures Booked Directly to Plant	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
3	Retirements		49,149	119,856	459,532	426,261	(238,790)	(716)	0	0	0	(53,063)	0	0	762,229
4	Investments Booked to CWIP		0	0	0	0	0	0	0	0	0	0	0	0	0
5	Closings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
6	Depreciation Base		12,111,914	12,027,411	11,737,717	11,294,821	11,201,086	11,320,839	11,321,197	11,321,197	11,321,197	11,347,728	11,374,260	11,374,260	
7	Depreciation Expense		201,869	200,461	195,633	188,251	186,689	188,684	188,690	188,690	188,690	189,133	189,575	189,575	2,295,940
8															
9															
10	Cumulative Plant Investment	12,136,489	12,087,340	11,967,483	11,507,952	11,081,691	11,320,481	11,321,197	11,321,197	11,321,197	11,321,197	11,374,260	11,374,260	11,374,260	11,374,260
11	Less: Accumulated Depreciation	7,321,301	7,474,021	7,554,626	7,290,727	7,052,717	7,478,196	7,667,596	7,856,286	8,044,976	8,233,666	8,475,862	8,665,437	8,855,012	8,855,012
12	Cumulative CWIP Investment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	Net Plant Investment	4,815,187	4,613,318	4,412,857	4,217,224	4,028,973	3,842,284	3,653,600	3,464,910	3,276,220	3,087,530	2,898,397	2,708,822	2,519,247	2,519,247
14	Average Investment		4,714,253	4,513,088	4,315,041	4,123,099	3,935,629	3,747,942	3,559,255	3,370,565	3,181,875	2,992,964	2,803,610	2,614,035	
15	Return on Average Investment		25,076	24,006	22,952	21,931	20,934	19,936	18,606	17,620	16,634	15,646	14,657	13,665	231,663
16															
17	Return Requirements		30,564	29,260	27,975	26,731	25,516	24,299	22,756	21,550	20,344	19,136	17,926	16,713	282,770
18															
19	Program Total		\$232,433	\$229,721	\$223,608	\$214,982	\$212,205	\$212,983	\$211,446	\$210,240	\$209,034	\$208,269	\$207,501	\$206,288	\$2,578,710
20	Residential Energy Management - Load Management Switches (D)														
21	Expenditures Booked Directly to Plant	\$178,951	\$622,915	\$525,268	\$796,512	\$1,038,044	\$517,329	\$897,303	\$405,542	\$324,165	\$1,101,633	\$626,524	\$630,719	\$7,664,905	
22	Retirements	\$22,015	\$38,298	\$20,119	\$34,719	\$44,892	\$55,407	\$21,054	\$89,890	\$24,267	\$73,394	\$24,668	\$19,943	\$68,666	
23	Investments Booked to CWIP	0	0	0	0	0	0	0	0	0	0	0	0	0	
24	Closings to Plant	0	0	0	0	0	0	0	0	0	0	0	0	0	
25	Amortization Base	33,123,964	33,272,758	33,866,464	34,364,313	35,121,020	36,108,914	36,588,012	37,429,843	37,778,306	38,053,641	39,106,243	39,710,462		
26	Amortization Expense		552,077	554,557	564,452	572,750	585,362	601,827	609,812	623,843	629,651	634,240	651,784	661,854	7,242,209
27															
28															
29	Cumulative Plant Investment	33,134,971	33,291,907	33,876,524	34,381,673	35,143,466	36,136,617	36,598,539	37,474,788	37,790,439	38,090,338	39,118,577	39,720,433	40,331,210	40,331,210
30	Less: Accumulated Depreciation	12,628,746	13,158,809	13,675,068	14,219,400	14,757,431	15,297,901	15,844,321	16,433,079	16,967,032	17,572,416	18,133,262	18,760,378	19,402,290	19,402,290
31	Cumulative CWIP Investment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	Net Plant Investment	20,506,225	20,133,098	20,201,456	20,162,273	20,386,035	20,838,716	20,754,218	21,041,709	20,823,408	20,517,922	20,985,315	20,960,055	20,928,920	20,928,920
33	Average Investment		20,319,661	20,167,277	20,181,864	20,274,154	20,612,375	20,796,467	20,897,963	20,932,558	20,670,665	20,751,619	20,972,685	20,944,488	
34	Return on Average Investment		108,082	107,271	107,350	107,840	109,639	110,619	109,249	109,429	108,060	108,483	109,639	109,492	1,305,153
35															
36	Return Requirements		131,738	130,749	130,845	131,443	133,635	134,830	133,615	133,836	132,161	132,678	134,092	133,913	1,593,535
37															
38	Program Total		\$683,815	\$685,306	\$695,297	\$704,193	\$718,997	\$736,657	\$743,427	\$757,679	\$761,812	\$766,918	\$785,876	\$795,767	\$8,835,744
39	Summary of Demand & Energy														
40	Energy		\$1,195	\$1,188	\$1,183	\$1,176	\$1,170	\$1,163	\$1,155	\$1,148	\$1,142	\$569	\$0	\$0	\$11,089
41	Demand		1,061,226	1,059,472	1,066,014	1,065,460	1,076,664	1,094,278	1,098,745	1,112,660	1,114,664	1,118,184	1,135,553	1,143,412	13,146,332
42	Total Return & Depreciation		\$1,062,421	\$1,060,660	\$1,067,197	\$1,066,636	\$1,077,834	\$1,095,441	\$1,099,900	\$1,113,808	\$1,115,806	\$1,118,753	\$1,135,553	\$1,143,412	\$13,157,421

Notes:

- Jan - Jun return on average investment is calculated using an annual rate of 6.38% based on May 2018 DEF Surveillance Report capital structure & costs rates. See Stipulation & Settlement Agreement in Order No. PSC-12-0425-PAA-EU, Docket 20120002-EG.
- Jul - Dec return on average investment is calculated using an annual rate of 6.27% based on May 2019 DEF Surveillance Report capital structure & costs rates. See Stipulation & Settlement Agreement in Order No. PSC-12-0425-PAA-EU, Docket 20120002-EG.
- Return Requirements are calculated using a combined statutory tax rate of 24.522%, that includes the FL State Corporate tax change effective January 2019.
- The WACC used for 2019 has been adjusted in compliance with paragraph 19 of DEF's Settlement Agreement

Program Description and Progress

Program Title: Home Energy Check Program

Program Description: The Home Energy Check Program is a residential energy audit program that provides customers with an analysis of their energy consumption as well as educational information on how to reduce energy usage and save money. The audit provides Duke Energy Florida, LLC (DEF) an opportunity to promote and directly install cost-effective measures in customer homes, and educate and encourage customers to implement energy-saving practices. The Home Energy Check Program is the foundation for other residential demand side management programs and offers the following types of energy audits:

- Type 1: Free Walk-Through (computer assisted)
- Type 2: Customer Online (Internet Option)
- Type 3: Customer Phone Assisted
- Type 4: Home Energy Rating (BERS/HERS) Audit

The Home Energy Check Program provides residential customers with energy efficiency tips and examples of easily installed energy efficiency measures. The program promotes continued customer involvement by demonstrating sustainable and measurable reductions in energy usage through the implementation of low cost energy efficiency measures and energy saving recommendations. Participants in the program may receive a residential Energy Efficiency Kit that contains energy saving measures that can be easily installed and utilized by the customer. Contents of this kit are evaluated periodically and may change over time.

Program Accomplishments - January 2019 - December 2019:

30,314 customers participated in the Home Energy Check Program.

Program Fiscal Expenditures - January 2019 - December 2019:

Expenses for this program were \$4,464,026.

Program Progress Summary:

976,819 participants have participated in the Home Energy Check Program since inception. DEF will continue to leverage this program to educate customers about cost-effective energy efficiency measures they can implement and incentives available for home energy improvements for which they may be eligible.

Program Description and Progress

Program Title: Residential Incentive Program

Program Description: The Residential Incentive Program provides incentives to customers for energy efficiency improvements for both existing and new homes. The Residential Incentive Program includes incentives for measures such as duct testing, duct repair, attic insulation, replacement windows, high efficiency heat pump replacing resistance heat, high efficiency heat pump replacing a heat pump, and newly constructed Energy Star homes.

Program Accomplishments - January 2019 - December 2019:

23,280 measures were implemented through this program resulting in a savings of 7.2 Summer MW's, 14.1 Winter MW's and 10.2 GWH's.

Program Fiscal Expenditures - January 2019 - December 2019:

Expenses for this program were \$7,771,570.

Program Progress Summary:

1,064,006 measures have been implemented through this program. This program will continue to be offered to residential customers to provide opportunities for improving the energy efficiency of existing and new homes.

Program Description and Progress

Program Title: Neighborhood Energy Saver Program

Program Description: DEF's Neighborhood Energy Saver program is designed to provide energy saving education and assistance to low income customers. This program targets neighborhoods that meet certain income eligibility requirements. DEF installs energy saving measures in approximately 4,500 homes and provides home energy reports to approximately 15,000 customers who have participated in the program. These home energy reports provide information about energy efficiency and continue the engagement with customers around low-cost energy saving measures that can deliver additional energy and bill savings.

Program Accomplishments - January 2019 - December 2019:

Energy efficiency measures were installed on 4,772 homes and home energy reports were provided to 14,724 customers.

Program Fiscal Expenditures - January 2019 - December 2019:

Expenses for this program were \$3,686,476.

Program Progress Summary:

Since program inception, DEF has installed energy efficiency measures on 42,774 homes and has provided home energy reports to 62,744 customers.

Program Description and Progress

Program Title: Low-Income Weatherization Assistance Program

Program Description: The Low-Income Weatherization Assistance Program (LIWAP) is designed to integrate DEF's DSM program measures with assistance provided by the Florida Department of Economic Opportunity (DEO) and local weatherization providers to deliver energy efficiency measures to income eligible families. Through this partnership, DEF assists local weatherization agencies by providing energy education materials and financial incentives to weatherize the homes of low-income families.

Program Accomplishments - January 2019 - December 2019:
939 weatherization measures were installed on 377 residential homes.

Program Fiscal Expenditures - January 2019 - December 2019:
Expenses for this program were \$277,206.

Program Progress Summary:

26,224 measures have been implemented through this program. DEF participates in local, state-wide and national agency meetings to promote the delivery of this program. Meetings with weatherization and other low-income agencies are conducted throughout DEF's territory to encourage customer participation in energy efficiency programs. This program was recently modified to align the eligibility with that of agencies who provide weatherization services. This change is intended to expand the network of agencies that DEF can partner with.

Program Description and Progress

Program Title: Residential/Commercial Energy Management Program

Program Description: The Residential/Commercial Energy Management Program is a voluntary demand response program that provides monthly bill credits to customers who allow DEF to reduce peak demand by controlling service to selected electric equipment through various devices and communication options installed on the customer's premises. These interruptions are at DEF's option, during specified time periods, and generally coincident with hours of peak demand. Residential customers must have a minimum average monthly usage of 600 kwh's to be eligible to participate in this program.

Program Accomplishments - January 2019 - December 2019:

6,847 residential customers were added to the program in 2019. The commercial program has been closed to new participants since July 2000.

Program Fiscal Expenditures - January 2019 - December 2019:

Expenses for the residential/commercial energy management program were \$44,603,721.

Program Progress Summary:

There were approximately 439,000 residential participants and 58 commercial participants at year-end 2019.

Program Description and Progress

Program Title: Business Energy Check Program

Program Description: The Business Energy Check Program is a commercial energy audit program that provides commercial customers with an analysis of their energy usage and information about energy-saving practices and cost-effective measures that they can implement at their facilities. The Business Energy Check Program serves as the foundation for the Better Business Program.

Program Accomplishments - January 2019 - December 2019:

565 commercial energy audits were completed in 2019.

Program Fiscal Expenditures - January 2019 - December 2019:

Expenses for this program were \$598,122.

Program Progress Summary:

43,427 non-residential customers have participated in the Business Energy Check Program since inception. This program continues to educate and inform commercial customers about cost-effective energy efficiency improvements.

Program Description and Progress

Program Title: Better Business Program

Program Description: This umbrella efficiency program provides incentives to existing commercial, industrial and governmental customers for heating, air conditioning, ceiling and roof insulation upgrades, duct leakage and repair, demand-control ventilation, cool roof coating, high efficiency energy recovery ventilation and HVAC optimization qualifying measures.

Program Accomplishments - January 2019 - December 2019:

Incentives were provided to customers for 602 commercial energy efficiency measures through this program in 2019.

Program Fiscal Expenditures - January 2019 - December 2019:

Expenses for this program were \$2,966,636.

Program Progress Summary:

Incentives have been provided to customers for 22,116 commercial energy efficiency measures through this program since inception.

Program Description and Progress

Program Title: Florida Custom Incentive Program

Program Description: The Florida Custom Incentive Program is designed to encourage commercial and industrial customers to make capital investments for energy efficiency measures which reduce peak demand and provide energy savings. This program provides incentives for individual custom projects which are cost effective, but not otherwise addressed through DEF's prescriptive incentive programs. Examples of energy efficient technologies that would be considered under this program include, but are not limited to, new construction measures and new thermal energy storage systems.

Program Accomplishments - January 2019 - December 2019:

Incentives were provided to 56 customers who participated in this program in 2019.

Program Fiscal Expenditures - January 2019 - December 2019:

Expenses for this program were \$761,313.

Program Progress Summary:

302 projects have received incentives through this program since inception. This program continues to target customer specific energy efficiency measures not covered through DEF's prescriptive commercial programs.

Program Description and Progress

Program Title: Standby Generation

Program Description: The Standby Generation Program is a demand control program that allows DEF to reduce system demand by dispatching the customer's stand-by generator. This is a voluntary program available to commercial and industrial customers who have on-site generation capability.

Program Accomplishments - January 2019 - December 2019:

DEF added 1 account s to this program in 2019.

Program Fiscal Expenditures - January 2019 - December 2019:

Expenses for this program were \$4,682,211.

Program Progress Summary:

There were 174 accounts at year-end 2019 providing 75.2 MW's of load control.

Program Description and Progress

Program Title: Interruptible Service Program

Program Description: The Interruptible Service Program is a direct load control program that reduces DEF's system demand at times of capacity shortage during peak or emergency conditions.

Program Accomplishments - January 2019 - December 2019:

14 accounts were added to the program.

Program Fiscal Expenditures - January 2019 - December 2019:

Expenses for this program were \$36,628,604.

Program Progress Summary:

168 accounts currently participate in this program providing 353 winter MW's and 389 summer MW's of load control.

Program Description and Progress

Program Title: Curtailable Service Program

Program Description: The Curtailable Service Program is an indirect load control program that reduces DEF's system demand at times of capacity shortage during peak or emergency conditions.

Program Accomplishments - January 2019 - December 2019:

No accounts were added to this program.

Program Fiscal Expenditures - January 2019 - December 2019:

Expenses for this program were \$2,139,821.

Program Progress Summary:

There were 2 customers and 4 accounts participating in this program in 2019 providing 7.4 MWs of load control.

Program Description and Progress

Program Title: Technology Development

Program Description: The Technology Development Program is designed to allow DEF to investigate technologies that support the development of new demand response and energy efficiency programs. This program includes, but is not limited to, technological research, field demonstration projects, research on load behavior and demand-side management measures and other market related research.

Program Accomplishments - January 2019 - December 2019:

Several research and development projects continued and/or launched in 2019.

- Launched a project to do field evaluation with EPRI and the Grid Modernization Lab Consortium (GMLC) of a utility-integrated demand-side management solution using open standards and open source platforms. A consortium of National Labs, the Grid Modernization Lab Consortium has developed both the software and hardware, all based on open-source technologies, to leverage demand-side management of residential loads to provide grid resiliency using a Home Energy Management System (HEMS). In 2020, Duke will test the HEMS in 21 customer homes. This project will leverage the homes and equipment installations from our CTA-2045 Projects.
- Launched a project with the University of Central Florida (UCF) to document the value of long-duration customer-side energy storage systems. This project will use the technology at UCFs Microgrid Control lab to directly test a long-duration energy storage system. Use cases to be investigated include study of battery performance during charging and discharging, documenting the effects of cycling on battery performance (battery degradation, efficiency, etc.), optimal operation of a battery energy storage system in a distribution system with high penetration of solar energy, operation. Control of behind-the-meter distributed energy resources to provide services including, peak capacity management, demand response (consuming or generating), frequency regulation, ramping capability, and voltage management will also be investigated.
- Continued a project for appliance demand response using the CTA-2045 modular communications interface including field pilot projects for CTA-2045-enabled retrofit water heater switches, resistance and heat-pump water heaters, pool pumps, HVAC thermostats and electric vehicle chargers (EVSE). The purpose of the project is to understand the potential to utilize the CTA-2045 device to support load management programs. In 2020, DEF plans to continue to utilize the equipment installations from this project in a new pilot for Home Energy Management Systems (HEMS).
- Continued a project with the University of South Florida to leverage customer-sited solar PV and energy storage at the USF 5th Avenue Garage Microgrid. The system provides load smoothing, islanding and demand response. A publicly available dashboard that shows live

Program Description and Progress

data, project specific facts and the capability of downloading data for further study is available for the site at <https://dashboards.epri.com/duke-usfsp-parking>. Results of this research may be used for design of a potential cost-effective demand response program.

- Continued the EPRI Solar DPV project for data collection to document customer solar resources with a focus on larger PV arrays with and without energy storage. This project also provides the data stream for the dashboard mentioned above.
- Continued participation in an EPRI project to study the potential of using customer demand response to compensate for variable loads and intermittent renewable generation resources.
- Continued the Energy Management Circuit Breaker Project. This project continued to explore the potential for developing a program for customer circuit breakers that includes communication, metering, and remote operation for potential applications including energy efficiency, demand response, and integration of distributed energy resources. The prototype EMCB hardware and software in the field pilot program have been replaced with commercial versions and operational data is being collected from appliances in 9 customer homes. This data will be used to document the operation of these breakers and assess the cost-effectiveness for potential EE and DR programs.
- Continued a project with EPRI to assess the demand response opportunities for new and existing variable capacity heat pump systems for potential future load management programs. We used manufacturer cloud communications to control existing variable-capacity heat pumps at volunteer participants homes. DR events were executed and data showed promising results. We are continuing to recruit additional participants for this pilot. This pilot will assess the viability of cloud communications to provide triggering and impacts of DR events on variable capacity heat pumps. The pilot is also investigating the impacts of variable capacity HVAC DR events on customer comfort.
- Continued a project to gather robust data about residential customers that drive electric vehicles. The project will determine what type of hardware the customer uses to charge their vehicle, where they do their charging (at home, work or public charging station, in/out of DEF service territory, etc.) and how much power and energy are consumed by EV charging. In 2020, the project will also assess the effectiveness of incentives to shift on-peak EV charging to off-peak times. We are also investigating the capability of EV chargers to be a demand response resource.
- Continued a project that will provide knowledge in methods to utilize customer Wi-Fi infrastructure to develop a dedicated, durable and secure utility communication channel to connected devices. The project will also provide knowledge on the effectiveness of Wi-Fi signal strength improvement technology. This technology could lead to lower costs and improved cost-effectiveness for existing and future demand response and energy efficiency programs.
- Partnered with EPRI and other research organizations to evaluate energy efficiency, energy storage, and alternative energy / innovative technologies.

Program Description and Progress

Program Fiscal Expenditures - January 2019 - December 2019:

Expenses for this program were \$468,500.

Program Progress Summary:

DEF continued to focus on researching and testing new technologies which have the potential to provide new programs and create new customer offerings.

Program Description and Progress

Program Title: Qualifying Facility

Program Description: The purpose of this program is to meet the objectives and obligations established by Section 366.051, Florida Statutes, and the Commission's rules contained within Chapter 25-17, Florida Administrative Code, regarding the purchase of as-available energy and firm energy and capacity from Qualifying Facilities (QFs), including those that utilize renewable sources as defined in Section 366.91, Florida Statutes, pursuant to an as-available tariff, standard offer contract, or negotiated contracts.

Under the QF program, DEF facilitates and administers the power purchases from qualifying facilities and state jurisdictional interconnections. This Program develops standard offer contracts, negotiates, enters into, amends and restructures non-firm energy, and firm energy and capacity contracts entered into with qualifying cogeneration, small power producers, and renewable facilities.

Program Accomplishments - January 2019 - December 2019:

Avoided cost and generator interconnection service activity with renewable and distributed resource (DR) developers continued in 2019. DEF provided QF, renewable, or DR related information to many interested parties who are exploring distributed generation options in Florida. Numerous calls and meetings were held with parties interested in the advancement of their distributed resource project. Meetings were also held with current and existing QFs under contract to discuss restructuring and extending existing purchased power agreements. DEF continued evolving its analytics, forecasts, and business processes that are required to support good faith QF purchased power negotiations and interconnection service.

DEF successfully administered all existing QF purchased power contracts that are in-service for contractual compliance. As of December 31, 2019, DEF had over 5,100 MW of solar projects in its various grid interconnection queues representing over 80 potential projects. The QF purchased power contracts produced more than 2.4 Million-MWhs for DEF customers during 2019. On January 31, 2019 Ridge Generating Station terminated their QF status with the Federal Energy Regulatory Commission as required under the Florida Public Service Commission approved petition that terminated their QF Agreement with DEF under Docket No. 20190152-EQ; and, continues to show customer savings between \$30 million and \$35 million in net present value. Finally, after terminating a QF contract in the fall of 2018, DEF received a formal dispute notice dated March 28, 2019 under a demand for arbitration. Arbitration has and continues to proceed under the American Arbitration Association's Large Complex Commercial Rules.

Program Fiscal Expenditures - January 2019 - December 2019:

Expenses for this program were \$1,807,231.

Program Description and Progress

Program Progress Summary:

As of December 31, 2019, DEF administered approximately 410 MW of firm capacity contracts from in-service QFs, 7 non-firm as-available energy QF contracts with QFs in-service and is continuing to monitor 5 non-firm as-available energy QF contracts for future service. Finally, as of December 31, 2019, DEF administered both pre-applications for state jurisdictional interconnection, and applications for both state and FERC generator interconnection applications. The year ended with over 5,100 MW of potential QFs generators in the various DEF interconnection queues.

**Duke Energy Florida, LLC
Energy Conservation Cost Recovery
Capital Structure and Cost Rates**

FPSC Docket No. 2020002-EG
Duke Energy Florida, LLC
Witness: Lori J. Cross
Exhibit No. ___(LJC-1T)
Schedule CT-6
Page 1 of 1
May 4, 2020

Class of Capital	Retail	Amount	Ratio	Cost Rate	Weighted Cost Rate	PreTax Weighted Cost Rate
CE	\$	4,374,787,363	40.9%	10.50%	4.30%	5.69%
LTD		4,497,051,945	42.1%	4.90%	2.06%	2.06%
STD		(193,058,184)	-1.8%	0.88%	-0.02%	-0.02%
CD-Active		179,648,841	1.7%	2.35%	0.04%	0.04%
CD-Inactive		1,597,098	0.0%	0.00%	0.00%	0.00%
Deferred Tax		1,826,908,909	17.1%	0.00%	0.00%	0.00%
ITC		5,239,408	0.0%	7.85%	0.00%	0.00%
Total	\$	10,692,175,379	100.00%		6.38%	7.78%
				Total Debt	2.09%	2.09%
				Total Equity	4.30%	5.69%

May 2018 DEF Surveillance Report capital structure and cost rates. See Stipulation & Settlement Agreement in Order No. PSC-2012-0425-PAA-EU, Dockets 20120001-EI, 20120002-EI & 20120007-EI.

Consistent with Paragraph 19 of the RRSSA
Used to Calculate January 2019 - June 2019

Return Requirements are calculated using a combined statutory tax rate of 24.522%, that includes the FL State Corporate tax change effective January 2019.

Class of Capital	Retail	Amount	Ratio	Cost Rate	Weighted Cost Rate	PreTax Weighted Cost Rate
CE	\$	4,874,577,393	41.0%	10.50%	4.31%	5.70%
LTD		4,845,025,196	40.8%	4.70%	1.92%	1.92%
STD		(59,426,995)	-0.5%	-0.36%	0.00%	0.00%
CD-Active		176,756,874	1.5%	2.38%	0.04%	0.04%
CD-Inactive		1,853,499	0.0%	0.00%	0.00%	0.00%
Deferred Tax		2,026,313,275	17.0%	0.00%	0.00%	0.00%
ITC		19,805,922	0.2%	7.71%	0.01%	0.01%
Total	\$	11,884,905,162	100.00%		6.27%	7.67%
				Total Debt	1.97%	1.97%
				Total Equity	4.31%	5.70%

May 2019 DEF Surveillance Report capital structure and cost rates. See Stipulation & Settlement Agreement in Order No. PSC-2012-0425-PAA-EU, Dockets 20120001-EI, 20120002-EI & 20120007-EI.

Used to Calculate July 2019 - December 2019

Return Requirements are calculated using a combined statutory tax rate of 24.522%, that includes the FL State Corporate tax change effective January 2019.

Duke Energy Florida, LLC
Energy Conservation Cost Recovery
Calculation of Energy & Demand Allocation % by Rate Class
January 2021 - December 2021

Duke Energy Florida, LLC
Witness Lori J. Cross
Exhibit No. (LJC-1P)
Schedule C-1
Page 1 of 2

Rate Class	(1) Average 12CP Load Factor at Meter (%)	(2) Sales at Meter (mWh)	(3) Avg 12 CP at Meter (MW) (2)/(8760hrsx(1))	(4) Delivery Efficiency Factor	(5) Sales at Source (Generation) (mWh) (2)/(4)	(6) Avg 12 CP at Source (MW) (3)/(4)	(7) Annual Average Demand (5)/(8760hrs)	(8) mWh Sales at Source Energy Allocator (%)	(9) 12 CP Demand Allocator (%)	(10) 12CP & 1/13 AD Demand Allocator (%)
Residential										
RS-1, RST-1, RSL-1, RSL-2, RSS-1										
Secondary	0.548	21,141,521	4,405.75	0.9307248	22,715,115	4,733.68	2,593.05	53.677%	61.440%	60.843%
General Service Non-Demand										
GS-1, GST-1										
Secondary	0.576	2,057,599	408.02	0.9307248	2,210,749	438.39	252.37	5.224%	5.690%	5.654%
Primary	0.576	14,043	2.78	0.9736607	14,423	2.86	1.65	0.034%	0.037%	0.037%
Transmission	0.576	2,593	0.51	0.9836607	2,636	0.52	0.30	0.006%	0.007%	0.007%
								5.264%	5.734%	5.698%
GS-2	1.000	194,563	22.21	0.9307248	209,044	23.86	23.86	0.494%	0.310%	0.324%
General Service Demand										
GSD-1, GSDT-1										
Secondary	0.742	10,950,999	1,683.92	0.9307248	11,766,098	1,809.26	1,343.16	27.804%	23.483%	23.815%
Primary	0.742	2,001,891	307.83	0.9736607	2,056,046	316.16	234.71	4.859%	4.104%	4.162%
Sec Del/Primary Mtr	0.742	28,262	4.35	0.9736607	29,027	4.46	3.31	0.069%	0.058%	0.059%
Transmission	0.742	103,104	15.85	0.9836607	104,817	16.12	11.97	0.248%	0.209%	0.212%
SS-1										
Primary	0.796	36,645	5.26	0.9736607	37,636	5.40	4.30	0.089%	0.070%	0.072%
Transm Del/ Transm Mtr	0.796	5,412	0.78	0.9836607	5,502	0.79	0.63	0.013%	0.010%	0.010%
Transm Del/ Primary Mtr	0.796	1,821	0.26	0.9736607	1,870	0.27	0.21	0.004%	0.003%	0.004%
								33.085%	27.938%	28.334%
Curtaillable										
CS-1, CST-1, CS-2, CST-2										
Secondary	1.082	0	0.00	0.0000000	0	0.00	0.00	0.000%	0.000%	0.000%
Primary	1.082	61,840	6.52	0.9736607	63,513	6.70	7.25	0.150%	0.087%	0.092%
SS-3										
Primary	1.248	68,295	6.25	0.9736607	70,142	6.42	8.01	0.166%	0.083%	0.090%
								0.316%	0.170%	0.181%
Interruptible										
IS-1, IST-1, IS-2, IST-2										
Secondary	0.911	445,099	55.76	0.9307248	478,228	59.91	54.59	1.130%	0.778%	0.805%
Sec Del/Primary Mtr	0.911	5,866	0.73	0.9736607	6,025	0.75	0.69	0.014%	0.010%	0.010%
Primary Del / Primary Mtr	0.911	1,226,102	153.60	0.9736607	1,259,270	157.75	143.75	2.976%	2.048%	2.119%
Primary Del / Transm Mtr	0.911	301	0.04	0.9836607	306	0.04	0.03	0.001%	0.000%	0.001%
Transm Del/ Transm Mtr	0.911	459,412	57.55	0.9836607	467,043	58.51	53.32	1.104%	0.759%	0.786%
Transm Del/ Primary Mtr	0.911	369,971	46.35	0.9736607	379,979	47.60	43.38	0.898%	0.618%	0.639%
SS-2										
Primary	0.686	14,726	2.45	0.9736607	15,124	2.52	1.73	0.036%	0.033%	0.033%
Transm Del/ Transm Mtr	0.686	3,450	0.57	0.9836607	3,507	0.58	0.40	0.008%	0.008%	0.008%
Transm Del/ Primary Mtr	0.686	45,318	7.54	0.9736607	46,544	7.75	5.31	0.110%	0.101%	0.101%
								6.276%	4.353%	4.501%
Lighting										
LS-1 (Secondary)	10.191	349,344	3.91	0.9307248	375,347	4.20	42.85	0.887%	0.055%	0.119%
		39,588,176	7,198.81		42,317,991	7,704.50	4,830.82	100.000%	100.000%	100.000%

- Notes:
- (1) Average 12CP load factor based on load research study filed July 31, 2018 (Rule 25-6-0437 (7))
 - (2) Projected kWh sales for the period January 2021 to December 2021
 - (3) Calculated: Column 2 / (8,760 hours x Column 1)
 - (4) Based on system average line loss analysis for 2019
 - (5) Column 2 / Column 4
 - (6) Column 3 / Column 4
 - (7) Column 5 / 8,760 hours
 - (8) Column 5 / Total Column 5
 - (9) Column 6 / Total Column 6
 - (10) Column 8 x 1/13 + Column 9 x 12/13

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20200002-EG EXHIBIT: 11
PARTY: LJC-1P
DESCRIPTION: Estimated/Actual True-UP,
January – December 2020 and ECCR Factors
for Billings in January – Decembe...

Duke Energy Florida, LLC
Energy Conservation Cost Recovery
Calculation of Energy Conservation Cost Recovery Rate Factors by Rate Class
January 2021 - December 2021

Rate Class	(1) mWh Sales at Source Energy Allocator (%)	(2) 12CP & 1/13 AD Demand Allocator (%)	(3) Energy- Related Costs (\$)	(4) Production Demand Costs (\$)	(5) Total Energy Conservation Costs (\$)	(6) Projected Effective Sales at Meter Level (mWh)	(7) Billing KW Load Factor (%)	(8) Projected Effective KW at Meter Level (kW)	(9) Energy Conservation Cost Recovery (\$/kW-month)	(10) Energy Conservation Cost Recovery (cents/kWh)
Residential										
RS-1, RST-1, RSL-1, RSL-2, RSS-1										
Secondary	53.677%	60.843%	\$ 13,819,818	\$ 57,688,464	\$ 71,508,282	21,141,521				0.338
General Service Non-Demand										
GS-1, GST-1										
Secondary						2,057,599				0.326
Primary						13,903				0.323
Transmission						2,541				0.319
TOTAL GS	5.264%	5.698%	\$ 1,355,393	\$ 5,402,423	\$ 6,757,815	2,074,042				
General Service										
GS-2 Secondary	0.494%	0.324%	\$ 127,182	\$ 307,113	\$ 434,295	194,563				0.223
General Service Demand										
GSD-1, GSDT-1, SS-1*										
Secondary						10,950,999			1.08	
Primary						2,047,933			1.07	
Transmission						106,346			1.06	
TOTAL GSD	33.085%	28.334%	\$ 8,518,170	\$ 26,864,395	\$ 35,382,565	13,105,277	54.71%	32,811,189		
Curtable										
CS-1, CST-1, CS-2, CST-2, CS-3, CST-3, SS-3*										
Secondary						-			0.35	
Primary						128,834			0.35	
Transmission						-			0.34	
TOTAL CS	0.316%	0.181%	\$ 81,316	\$ 172,032	\$ 253,347	128,834	24.10%	732,258		
Interruptible										
IS-1, IST-1, IS-2, IST-2, SS-2*										
Secondary						445,099			0.94	
Primary						1,645,363			0.93	
Transmission						453,900			0.92	
TOTAL IS	6.276%	4.501%	\$ 1,615,920	\$ 4,267,984	\$ 5,883,905	2,544,362	55.84%	6,242,183		
Lighting										
LS-1 Secondary	0.887%	0.119%	\$ 228,360	\$ 112,452	\$ 340,812	349,344				0.098
	100.000%	100.000%	\$ 25,746,159	\$ 94,814,863	\$ 120,561,022	39,537,943				0.305

- Notes:
- (1) From Schedule C-1 1P, Column 8
 - (2) From Schedule C-1 1P, Column 10
 - (3) Column 1 x Total Energy Dollars, C-2 Page 1, line 20
 - (4) Column 2 x Total Demand Dollars, C-2 Page 1, line 21
 - (5) Column 3 + Column 4

- (6) kWh sales at effective secondary voltage
- (7) Class Billing kW Load Factor
- (8) Column 6 x 1000 / 8,760 / Column 7 x 12
- (9) Column 5 / Column 8 (x voltage factor if applicable)
- (10) Column 5 / Column 6 / 10

Calculation of Standby Service kW Charges			
	ECCR Cost	Effective kW	\$/kW
Total GSD, CS, IS	\$41,519,817	39,785,630	1.04
SS-1 2 3 - \$/kW-mo			
Monthly - \$1.04/kW * 10%	0.104	0.103	0.102
Daily - \$1.04/kW / 21	0.050	0.050	0.049

**Duke Energy Florida, LLC
Energy Conservation Cost Recovery
Estimated Conservation Program Costs
January 2021 - December 2021**

Line No.	Program Demand (D) or Energy (E)	12 Month Total
1	Home Energy Check (E)	\$4,753,922
2	Residential Incentive Program (E)	6,837,563
3	Business Energy Check (E)	687,465
4	Better Business (E)	2,193,766
5	Technology Development (E)	607,117
6	Florida Custom Incentive (Innovation Incentive) (E)	804,410
7	Interruptible Service (D)	45,016,922
8	Curtable Service (D)	2,503,096
9	Energy Management (Residential & Commercial) (D)	40,649,516
10	Low Income Weatherization Assistance Program (E)	367,239
11	Standby Generation (D)	5,333,281
12	Qualifying Facility (E)	1,725,910
13	Neighborhood Energy Saver (E)	4,950,451
14	Conservation Program Admin (E)	1,791,975
15	Conservation Program Admin (D)	820,000
16	Total ECCR Program Costs	<u><u>\$119,042,633</u></u>

Line	12 Months	2020 End of Period Net True-Up (Over)/Under Recovery	Total Costs	Revenue Expansion Factor	Total Recoverable Costs
17					
18					
19	<u>Total</u>				
20	\$24,719,819	\$1,020,008	\$25,739,827	1.000246	\$25,746,159
21	94,322,814	468,730	94,791,544	1.000246	94,814,863
22	<u><u>\$119,042,633</u></u>	<u><u>\$1,488,738</u></u>	<u><u>\$120,531,371</u></u>		<u><u>\$120,561,022</u></u>

Duke Energy Florida, LLC
 Energy Conservation Cost Recovery
 Estimated Conservation Program Costs
 January 2021 - December 2021

Line No.	Program Demand (D) or Energy (E)	Est Jan-21	Est Feb-21	Est Mar-21	Est Apr-21	Est May-21	Est Jun-21	Est Jul-21	Est Aug-21	Est Sep-21	Est Oct-21	Est Nov-21	Est Dec-21	Total
1	Home Energy Check (E)	\$667,037	\$363,336	\$381,853	\$374,682	\$371,856	\$379,590	\$385,400	\$375,937	\$363,194	\$369,488	\$357,787	\$363,760	\$4,753,922
2	Residential Incentive Program (E)	569,005	476,922	566,515	601,546	585,876	635,996	586,214	623,547	580,010	576,415	571,022	464,495	6,837,563
3	Business Energy Check (E)	51,402	51,402	61,845	52,647	52,167	61,077	77,479	52,167	61,557	52,167	60,917	52,639	687,465
4	Better Business (E)	184,127	179,127	183,000	182,850	186,170	182,800	181,378	181,170	187,800	181,170	181,170	183,008	2,193,766
5	Technology Development (E)	30,344	29,726	29,414	25,975	32,441	32,441	32,441	32,441	46,891	62,124	126,441	126,441	607,117
6	Florida Custom Incentive Program (E)	66,398	66,398	66,848	66,848	66,848	66,848	68,410	66,848	66,848	66,848	66,848	68,418	804,410
7	Interruptible Service (D)	3,686,608	3,691,211	3,697,744	3,751,448	3,757,641	3,761,323	3,766,246	3,771,158	3,776,059	3,780,951	3,785,832	3,790,700	45,016,922
8	Curtailable Service (D)	208,591	208,591	208,591	208,591	208,591	208,591	208,591	208,591	208,591	208,591	208,591	208,591	2,503,096
9	Energy Management (Residential & Commercial) (D)	3,384,122	3,357,713	3,395,841	3,417,663	3,390,234	3,379,512	3,367,105	3,401,488	3,389,470	3,368,913	3,405,653	3,391,802	40,649,516
10	Low Income Weatherization Assistance Program (E)	30,582	27,103	36,947	28,437	31,437	33,437	28,527	34,947	35,457	29,947	29,437	20,983	367,239
11	Standby Generation (D)	462,736	427,311	426,541	466,843	429,929	431,623	470,570	433,317	435,011	474,297	436,705	438,399	5,333,281
12	Qualifying Facility (E)	186,601	186,651	173,965	164,015	163,965	104,015	145,195	104,015	143,965	104,015	143,965	105,544	1,725,910
13	Neighborhood Energy Saver (E)	344,690	393,453	447,915	423,801	421,604	424,154	442,004	444,750	458,964	440,186	410,052	298,879	4,950,451
14	Conservation Program Admin (E)	146,919	146,917	149,273	149,269	149,265	149,263	152,041	149,255	149,252	149,249	149,247	152,025	1,791,975
15	Conservation Program Admin (D)	67,217	67,217	68,301	68,301	68,301	68,301	69,579	68,301	68,301	68,301	68,301	69,579	820,000
16	Total ECCR Program Costs	\$10,086,381	\$9,673,079	\$9,894,592	\$9,982,916	\$9,916,324	\$9,918,970	\$9,981,180	\$9,947,931	\$9,971,370	\$9,932,662	\$10,001,965	\$9,735,264	\$119,042,633
17	<u>Demand & Energy Summary</u>													
18	Energy	\$2,277,106	\$1,921,035	\$2,097,574	\$2,070,069	\$2,061,628	\$2,069,620	\$2,099,088	\$2,065,075	\$2,093,937	\$2,031,609	\$2,096,884	\$1,836,193	\$24,719,819
19	Demand	7,809,275	7,752,043	7,797,017	7,912,847	7,854,696	7,849,350	7,882,092	7,882,855	7,877,433	7,901,053	7,905,081	7,899,071	94,322,814
20	Total Demand & Energy Costs	\$10,086,381	\$9,673,079	\$9,894,592	\$9,982,916	\$9,916,324	\$9,918,970	\$9,981,180	\$9,947,931	\$9,971,370	\$9,932,662	\$10,001,965	\$9,735,264	\$119,042,633

Duke Energy Florida, LLC
 Energy Conservation Cost Recovery
 Estimated Conservation Program Costs
 January 2021 - December 2021

Line No.	Program Demand (D) or Energy (E)	Depreciation, Amortization & Return	Payroll & Benefits	Materials & Supplies	Outside Services	Advertising	Incentives	Vehicles	Other	Program Revenues (Credits)	Total
1	Home Energy Check (E)	\$0	\$2,806,855	\$32,089	\$588,166	\$638,000	\$496,499	\$113,844	\$78,468	\$0	\$4,753,922
2	Residential Incentive Program (E)	0	1,893,720	17,702	296,564	472,000	4,070,099	54,133	33,344	0	6,837,563
3	Business Energy Check (E)	0	381,354	29,620	165,608	53,543	35,000	7,440	14,900	0	687,465
4	Better Business (E)	0	1,078,802	21,120	302,828	67,278	670,200	18,100	35,439	0	\$2,193,766
5	Technology Development (E)	0	159,129	24,000	398,396	0	0	10,592	15,000	0	607,117
6	Florida Custom Incentive Program (E)	0	233,093	4,470	274,204	39,600	208,400	4,360	40,284	0	804,410
7	Interruptible Service (D)	165,416	203,648	82,248	0	0	44,550,800	9,600	5,210	0	45,016,922
8	Curtable Service (D)	0	16,240	0	0	0	2,486,856	0	0	0	2,503,096
9	Energy Management (Residential & Commercial) (D)	10,016,721	2,076,561	19,241	1,612,336	312,000	26,441,171	51,708	119,777	0	40,649,516
10	Low Income Weatherization Assistance Program (E)	0	126,181	0	0	32,500	202,058	1,000	5,500	0	367,239
11	Standby Generation (D)	0	229,654	265,000	0	0	4,827,086	4,787	6,754	0	5,333,281
12	Qualifying Facility (E)	0	1,106,334	1,000	600,000	0	0	3,000	15,575	0	1,725,910
13	Neighborhood Energy Saver (E)	0	201,683	0	293,250	78,856	4,349,239	499	26,925	0	4,950,451
14	Conservation Program Admin (E)	7,569	1,279,909	6,851	342,575	0	0	685	154,387	0	1,791,975
15	Conservation Program Admin (D)	0	588,165	3,149	157,425	0	0	315	70,946	0	820,000
16	Total ECCR Program Costs	\$10,189,706	\$12,381,327	\$506,490	\$5,031,353	\$1,693,777	\$88,337,407	\$280,063	\$622,509	\$0	\$119,042,633
17	Demand & Energy Summary										
18	Energy	\$7,569	\$9,267,060	\$136,853	\$3,261,591	\$1,381,777	\$10,031,495	\$213,653	\$419,821	\$0	\$24,719,819
19	Demand	10,182,137	3,114,268	369,638	1,769,762	312,000	78,305,913	66,410	202,687	0	94,322,814
20	Total Demand & Energy Costs	\$10,189,706	\$12,381,327	\$506,490	\$5,031,353	\$1,693,777	\$88,337,407	\$280,063	\$622,509	\$0	\$119,042,633

Duke Energy Florida, LLC
Energy Conservation Cost Recovery
Schedule of Capital Investment, Depreciation & Return
January 2021 - December 2021

FPSC Docket No. 2020002-EG
Duke Energy Florida, LLC
 Witness: Lori J. Cross
 Exhibit No. (LJC-1P)
 Schedule C-2
 Page 4 of 5

Line No.	Program Demand (D) or Energy (E)	Beginning Balance	Est Jan-21	Est Feb-21	Est Mar-21	Est Apr-21	Est May-21	Est Jun-21	Est Jul-21	Est Aug-21	Est Sep-21	Est Oct-21	Est Nov-21	Est Dec-21	Total
1	Conservation Program Admin (E)														
2	Investments		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
3	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
4	Depreciation Base		29,481	29,481	29,481	29,481	29,481	29,481	29,481	29,481	29,481	29,481	29,481	29,481	29,481
5															
6	Depreciation Expense		491	491	491	491	491	491	491	491	491	491	491	491	5,892
7															
8	Cumulative Investment		29,481	29,481	29,481	29,481	29,481	29,481	29,481	29,481	29,481	29,481	29,481	29,481	29,481
9	Less: Accumulated Depreciation		5,401	5,892	6,383	6,874	7,365	7,856	8,347	8,838	9,329	9,820	10,311	10,802	11,293
10	Net Investment		24,080	23,589	23,098	22,607	22,116	21,625	21,134	20,643	20,152	19,661	19,170	18,679	18,188
11	Average Investment		23,344	23,344	22,853	22,362	21,871	21,380	20,889	20,398	19,907	19,416	18,925	18,434	18,434
12	Return on Average Investment		127	126	123	120	117	115	112	109	106	104	102	99	1,360
13															
14	Return Requirements		157	155	152	148	144	142	138	134	131	128	126	122	1,677
15															
16	Program Total		\$648	\$646	\$643	\$639	\$635	\$633	\$629	\$625	\$622	\$619	\$617	\$613	\$7,569
17	Interruptible Service (D)														
18	Investments		95,575	95,575	95,575	95,575	95,575	95,575	95,575	95,575	95,575	95,575	95,575	95,575	\$1,146,900
19	Retirements		44,502	0	0	0	48	0	0	0	0	0	0	0	44,500
20	Depreciation Base		94,122	167,446	263,021	358,596	454,147	549,698	645,273	740,848	836,423	931,998	1,027,573	1,123,148	
21															
22	Depreciation Expense		1,569	2,791	4,384	5,977	7,569	9,162	10,755	12,348	13,941	15,534	17,127	18,720	119,877
23															
24	Cumulative Investment		116,373	167,446	263,021	358,596	454,171	549,698	645,273	740,848	836,423	931,998	1,027,573	1,123,148	1,218,723
25	Less: Accumulated Depreciation		73,923	30,990	33,781	38,165	44,142	51,663	60,825	71,580	83,928	97,869	113,403	130,530	149,250
26	Net Investment		42,450	136,456	229,240	320,431	410,029	498,035	584,448	669,268	752,495	834,129	914,170	992,618	1,069,473
27	Average Investment		89,453	182,848	274,836	365,230	454,032	541,242	628,858	710,882	793,312	874,150	953,394	1,031,046	1,031,046
28	Return on Average Investment		479	979	1,472	1,956	2,432	2,899	3,358	3,808	4,250	4,683	5,108	5,523	36,947
29															
30	Return Requirements		590	1,207	1,814	2,411	2,998	3,573	4,139	4,694	5,238	5,772	6,296	6,807	45,539
31															
32	Program Total		\$2,159	\$3,998	\$6,198	\$8,388	\$10,567	\$12,735	\$14,894	\$17,042	\$19,179	\$21,306	\$23,423	\$25,527	\$165,416
33	Residential Energy Management - Summary (Itemized Below)														
34	Expenditures Booked Directly to Plant		\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$6,000,000
35	Retirements		14,017,782	1,527,280	173,186	115,510	716,048	520,148	546,159	478,289	494,594	400,226	780,483	436,751	20,206,457
36	Investments Booked to CWIP		0	0	0	0	0	0	0	0	0	0	0	0	0
37	Closings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
38	Depreciation Base		45,511,375	43,883,277	43,497,978	43,888,696	43,972,917	43,854,818	43,821,665	43,809,441	43,822,999	43,875,589	43,785,234	43,676,616	
39															
40	Depreciation Expense		743,407	725,754	722,103	727,956	729,281	727,315	726,765	726,561	726,787	727,664	726,158	724,348	8,734,099
41															
42	Cumulative Plant Investment		58,164,698	44,646,917	43,619,637	43,946,451	44,330,941	44,114,892	44,094,745	44,048,586	44,070,297	44,075,702	44,175,476	43,894,992	43,958,241
43	Less: Accumulated Depreciation		40,341,003	27,305,283	26,503,225	27,055,648	27,688,094	27,681,327	27,888,494	28,069,100	28,317,372	28,549,565	28,877,002	28,822,677	29,110,274
44	Cumulative CWIP Investment		0	0	0	0	0	0	0	0	0	0	0	0	0
45	Net Plant Investment		17,823,695	17,341,633	17,116,412	16,890,803	16,662,847	16,433,566	16,206,251	15,979,486	15,752,925	15,526,138	15,298,474	15,072,316	14,847,968
46	Average Investment		17,582,664	17,229,023	17,001,854	16,776,825	16,548,206	16,319,908	16,092,868	15,866,205	15,639,511	15,412,306	15,185,395	14,960,142	14,960,142
47	Return on Average Investment		94,189	92,294	91,077	89,872	88,647	87,424	86,207	84,994	83,781	82,562	81,346	80,140	1,040,633
48															
49	Return Requirements		116,092	113,756	112,256	110,771	109,261	107,753	106,254	104,759	103,261	101,761	100,262	98,776	1,282,622
50															
51	Program Total		\$859,499	\$839,510	\$834,359	\$838,727	\$838,542	\$835,068	\$833,019	\$831,320	\$827,708	\$829,425	\$826,420	\$823,124	\$10,016,721

Notes:
 - Return on average investment is calculated using an annual rate of 6.428% using the 2021 WACC methodology prescribed in Order No. PSC-2020-0165-PAE-EU Docket No. 20200118-EU.
 - Return Requirements are calculated using a combined statutory tax rate of 24.522%.

Duke Energy Florida, LLC
Energy Conservation Cost Recovery
Schedule of Capital Investment, Depreciation & Return
January 2021 - December 2021

FPSC Docket No. 202002-EG
Duke Energy Florida, LLC
 Witness: Lori J. Cross
 Exhibit No. (LJC-1P)
 Schedule C-2
 Page 5 of 5

Line No.	Program Demand (D) or Energy (E)	Beginning Balance	Est Jan-21	Est Feb-21	Est Mar-21	Est Apr-21	Est May-21	Est Jun-21	Est Jul-21	Est Aug-21	Est Sep-21	Est Oct-21	Est Nov-21	Est Dec-21	Total
1 Residential Energy Management - NGDR Hardware for ODS, LMS, APPDEV. Also includes NGDR TELECOM. (D)															
2	Expenditures Booked Directly to Plant	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
3	Retirements	2,580,678	1,411,568	(244,581)	(33,029)	0	1,002	0	0	0	0	0	0	0	3,715,638
4	Investments Booked to CWIP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Closings to Plant	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	Depreciation Base	3,185,395	1,189,272	605,778	744,583	761,097	760,596	760,095	760,095	760,095	760,095	760,095	760,095	760,095	0
7															
8	Depreciation Expense	37,960	14,173	7,219	8,873	9,070	9,064	9,058	9,058	9,058	9,058	9,058	9,058	9,058	140,707
9															
10	Cumulative Plant Investment	4,475,734	1,895,056	483,488	728,068	761,097	761,097	760,095	760,095	760,095	760,095	760,095	760,095	760,095	760,095
11	Less: Accumulated Depreciation	4,012,309	1,469,591	72,196	323,996	365,898	374,968	383,030	392,088	401,146	410,204	419,262	428,320	437,378	437,378
12	Cumulative CWIP Investment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	Net Plant Investment	463,424	425,464	411,291	404,072	395,199	386,129	377,065	368,007	358,949	349,891	340,833	331,775	322,717	322,717
14	Average Investment	444,444	418,378	407,682	399,636	390,664	390,664	381,597	372,536	363,478	0	345,362	336,304	327,246	0
15	Return on Average Investment	2,381	2,241	2,184	2,141	2,141	2,093	2,044	1,995	1,947	0	1,850	1,801	1,753	22,430
16															
17	Return Requirements	2,935	2,762	2,692	2,639	2,580	2,519	2,459	2,400	0	2,280	2,220	2,161	2,161	27,647
18															
19	Program Total	\$40,895	\$16,935	\$9,911	\$11,512	\$11,650	\$11,583	\$11,517	\$11,458	\$9,058	\$11,338	\$11,278	\$11,219	\$11,219	\$168,354
20 Residential Energy Management - NGDR Software for ODS, LMS, APPDEV (D)															
21	Expenditures Booked Directly to Plant	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0
22	Retirements	11,288,866	15,263	70,131	0	0	0	0	0	0	0	0	0	0	11,374,260
23	Investments Booked to CWIP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	Closings to Plant	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	Depreciation Base	85,394	77,762	0	0	0	0	0	0	0	0	0	0	0	0
26															
27	Depreciation Expense	1,423	1,296	0	0	0	0	0	0	0	0	0	0	0	2,719
28															
29	Cumulative Plant Investment	11,374,260	85,394	70,131	0	0	0	0	0	0	0	0	0	0	0
30	Less: Accumulated Depreciation	11,129,912	81,124	66,624	0	0	0	0	0	0	0	0	0	0	0
31	Cumulative CWIP Investment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	Net Plant Investment	244,347	4,270	3,507	0	0	0	0	0	0	0	0	0	0	0
33	Average Investment	124,309	3,888	0	0	0	0	0	0	0	0	0	0	0	0
34	Return on Average Investment	666	21	0	0	0	0	0	0	0	0	0	0	0	687
35															
36	Return Requirements	821	26	0	0	0	0	0	0	0	0	0	0	0	847
37															
38	Program Total	\$2,244	\$1,322	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,566
39 Residential Energy Management - Load Management Switches (9080120) (D)															
40	Expenditures Booked Directly to Plant	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$6,000,000
41	Retirements	148,238	100,449	347,636	148,538	716,048	519,146	546,159	478,289	494,594	400,226	780,483	436,751	5,116,559	5,116,559
42	Investments Booked to CWIP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
43	Closings to Plant	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44	Amortization Base	42,240,586	42,616,243	42,892,200	43,144,113	43,211,820	43,094,222	43,061,570	43,049,346	43,062,904	43,115,494	43,025,139	42,916,521	0	0
45															
46	Amortization Expense	704,024	710,285	714,884	719,083	720,211	718,251	717,707	717,503	717,729	718,606	717,100	715,290	8,590,673	8,590,673
47															
48	Cumulative Plant Investment	42,314,705	42,666,467	43,066,018	43,218,382	43,569,844	43,353,796	43,334,649	43,288,490	43,310,201	43,315,607	43,415,381	43,134,897	43,198,146	43,198,146
49	Less: Accumulated Depreciation	25,198,782	25,754,568	26,364,404	26,731,652	27,302,197	27,306,359	27,505,464	27,677,012	27,916,226	28,139,361	28,457,741	28,394,357	28,672,896	28,672,896
50	Cumulative CWIP Investment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
51	Net Plant Investment	17,115,923	16,911,899	16,701,614	16,486,730	16,267,647	16,047,436	15,829,185	15,611,478	15,393,975	15,176,246	14,957,640	14,740,540	14,525,250	14,525,250
52	Average Investment	17,013,911	16,806,757	16,594,172	16,377,189	16,157,542	15,938,311	15,720,332	15,502,727	15,285,111	15,066,943	14,849,090	14,632,895	14,416,787	0
53	Return on Average Investment	20,504,527	91,142	90,032	88,893	87,731	86,554	85,380	84,212	83,047	81,881	80,712	79,545	78,387	1,017,516
54															
55	Return Requirements	112,336	110,968	109,564	108,132	106,681	105,234	103,795	102,359	100,921	99,481	98,042	96,615	95,198	1,254,128
56															
57	Program Total	\$816,360	\$821,253	\$824,448	\$827,215	\$826,892	\$823,485	\$821,502	\$819,862	\$818,650	\$818,087	\$815,142	\$811,905	\$811,905	\$9,844,801
58 Demand & Energy Summary															
59	Energy	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
60	Demand	861,658	843,508	840,557	847,115	849,109	847,803	847,913	848,362	846,887	850,731	849,843	848,651	848,651	\$10,182,137
61	Total Depreciation & Return	\$861,658	\$843,508	\$840,557	\$847,115	\$849,109	\$847,803	\$847,913	\$848,362	\$846,887	\$850,731	\$849,843	\$848,651	\$848,651	\$10,182,137

Notes:
 - Return on average investment is calculated using an annual rate of 6.428% using the 2021 WACC methodology prescribed in Order No. PSC-2020-0165-PAE-EU Docket No. 20200118-EU.
 - Return Requirements are calculated using a combined statutory tax rate of 24.522%.

Duke Energy Florida, LLC
Energy Conservation Cost Recovery
Program Costs
January - June 2020 Actuals
July - December 2020 Estimates

FPSC Docket No. 2020002-EG
Duke Energy Florida, LLC
Witness Lori J. Cross
Exhibit No. (LJC-1P)
Schedule C-3
Page 1 of 7

Line No.	Program Demand (D) or Energy (E)	Depreciation		Operating & Maintenance Costs						Program Revenues (Credits)	Total
		Amortization & Return	Payroll & Benefits	Vehicles	Outside Services	Materials & Supplies	Advertising	Incentives	Other		
1	<u>Home Energy Check (E)</u>										
2	A. Actual	\$0	\$1,323,113	\$31,811	\$226,673	\$9,903	\$330,899	\$194,631	\$16,174	\$0	\$2,133,205
3	B. Estimated	0	1,358,631	42,117	359,138	18,000	310,195	358,090	7,747	0	2,453,918
4											
5	C. Total	\$0	\$2,681,743	\$73,928	\$585,812	\$27,903	\$641,094	\$552,721	\$23,921	\$0	\$4,587,123
6											
7	<u>Residential Incentive Program (E)</u>										
8	A. Actual	\$0	\$964,438	\$21,896	\$112,951	\$2,905	\$22,151	\$2,261,630	\$7,041	\$0	\$3,393,013
9	B. Estimated	0	1,045,591	24,000	140,000	7,581	144,216	2,170,839	10,983	0	3,543,209
10											
11	C. Total	\$0	\$2,010,029	\$45,896	\$252,951	\$10,485	\$166,367	\$4,432,469	\$18,024	\$0	\$6,936,222
12											
13	<u>Business Energy Check (E)</u>										
14	A. Actual	\$0	\$209,442	\$2,629	\$41,000	\$7,455	\$12,842	\$0	\$6,307	\$0	\$279,675
15	B. Estimated	0	233,026	2,279	107,580	2,467	24,941	35,000	9,636	0	414,929
16											
17	C. Total	\$0	\$442,469	\$4,907	\$148,580	\$9,921	\$37,783	\$35,000	\$15,943	\$0	\$694,604
18											
19	<u>Better Business (E)</u>										
20	A. Actual	\$0	\$539,854	\$3,064	\$55,993	\$2,158	\$22,363	\$880,359	\$8,222	\$0	\$1,512,012
21	B. Estimated	0	552,000	7,188	100,000	2,400	30,921	761,000	19,720	0	1,473,229
22											
23	C. Total	\$0	\$1,091,854	\$10,252	\$155,993	\$4,558	\$53,284	\$1,641,359	\$27,942	\$0	\$2,985,241
24											
25	<u>Technology Development (E)</u>										
26	A. Actual	\$0	\$103,829	\$857	\$19,509	\$421	\$0	\$0	\$2,620	\$0	\$127,236
27	B. Estimated	0	75,898	5,296	341,713	12,000	0	0	5,301	0	440,208
28											
29	C. Total	\$0	\$179,727	\$6,153	\$361,222	\$12,421	\$0	\$0	\$7,921	\$0	\$567,444
30											
31	<u>Florida Custom Incentive Program (E)</u>										
32	A. Actual	\$0	\$149,980	\$44	\$107,631	\$1,132	\$17,811	\$156,774	\$17,692	\$0	\$451,063
33	B. Estimated	0	90,000	500	108,798	1,576	20,075	150,000	24,422	0	395,370
34											
35	C. Total	\$0	\$239,980	\$544	\$216,429	\$2,708	\$37,885	\$306,774	\$42,114	\$0	\$846,433
36											
37	<u>Interruptible Service (D)</u>										
38	A. Actual	\$13,938	\$108,297	\$407	\$0	\$135	\$0	\$19,179,457	\$5,572	\$0	\$19,307,807
39	B. Estimated	13,492	110,400	5,000	0	0	0	21,121,633	9,000	0	21,259,525
40											
41	C. Total	\$27,430	\$218,697	\$5,407	\$0	\$135	\$0	\$40,301,090	\$14,572	\$0	\$40,567,332

Duke Energy Florida, LLC
Energy Conservation Cost Recovery
Program Costs
January - June 2020 Actuals
July - December 2020 Estimates

FPSC Docket No. 2020002-EG
Duke Energy Florida, LLC
Witness Lori J. Cross
Exhibit No. (LJC-1P)
Schedule C-3
Page 2 of 7

Line No.	Program Demand (D) or Energy (E)	Depreciation Amortization & Return	Operating & Maintenance Costs							Program Revenues (Credits)	Total
			Payroll & Benefits	Vehicles	Outside Services	Materials & Supplies	Advertising	Incentives	Other		
1	<u>Curtailable Service (D)</u>										
2	A. Actual	\$0	\$21,247	\$0	\$0	\$0	\$0	\$849,842	\$206,695	\$0	\$1,077,784
3	B. Estimated	0	21,600	0	0	0	0	1,325,000	0	0	1,346,600
4											
5	C. Total	\$0	\$42,847	\$0	\$0	\$0	\$0	\$2,174,842	\$206,695	\$0	\$2,424,384
6											
7	<u>Neighborhood Energy Saver (E)</u>										
8	A. Actual	\$0	\$129,008	\$357	\$53,391	\$2,398	\$9,586	\$777,091	\$8,179	\$0	\$980,011
9	B. Estimated	0	150,000	0	105,929	0	13,692	406,000	8,100	0	683,722
10											
11	C. Total	\$0	\$279,008	\$357	\$159,321	\$2,398	\$23,279	\$1,183,091	\$16,279	\$0	\$1,663,733
12											
13	<u>Energy Management (Residential & Commercial) (D)</u>										
14	A. Actual	\$6,905,681	\$911,108	\$20,823	\$950,448	\$5,710	\$158,668	\$12,485,056	\$39,679	\$0	\$21,477,173
15	B. Estimated	6,567,223	879,900	18,000	978,000	13,200	60,000	14,747,467	42,000	0	23,305,790
16											
17	C. Total	\$13,472,904	\$1,791,008	\$38,823	\$1,928,448	\$18,910	\$218,668	\$27,232,523	\$81,679	\$0	\$44,782,963
18											
19	<u>Low Income Weatherization Assistance Program (E)</u>										
20	A. Actual	\$0	\$45,254	\$0	\$30	\$189	\$0	\$39,922	\$3,041	\$0	\$88,435
21	B. Estimated	0	64,740	0	0	0	0	26,000	3,000	0	93,740
22											
23	C. Total	\$0	\$109,994	\$0	\$30	\$189	\$0	\$65,922	\$6,041	\$0	\$182,175
24											
25	<u>Standby Generation (D)</u>										
26	A. Actual	(\$40,916)	\$149,386	\$2,864	\$19,093	\$228,694	\$0	\$1,970,473	\$1,838	\$0	\$2,331,432
27	B. Estimated	0	150,336	0	0	24,000	0	2,321,111	2,400	0	2,497,847
28											
29	C. Total	(\$40,916)	\$299,723	\$2,864	\$19,093	\$252,694	\$0	\$4,291,584	\$4,238	\$0	\$4,829,280
30											
31	<u>Qualifying Facility (E)</u>										
32	A. Actual	\$0	\$566,303	\$501	\$802,486	\$311	\$0	\$0	\$2,910	\$0	\$1,372,512
33	B. Estimated	0	570,000	650	1,198,054	350	0	0	2,700	0	1,771,754
34											
35	C. Total	\$0	\$1,136,303	\$1,151	\$2,000,540	\$661	\$0	\$0	\$5,610	\$0	\$3,144,266
36											
37	<u>Conservation Program Admin (E)</u>										
38	A. Actual	\$3,452	\$990,352	\$74	\$228,286	\$49,798	\$0	\$0	\$108,719	\$0	\$1,380,680
39	B. Estimated	3,925	1,020,000	150	246,641	1,800	0	0	120,000	0	1,392,516
40											
41	C. Total	\$7,377	\$2,010,352	\$224	\$474,926	\$51,598	\$0	\$0	\$228,719	\$0	\$2,773,196
42	ECCR Program Costs	\$13,466,795	\$12,533,734	\$190,506	\$6,303,344	\$394,582	\$1,178,360	\$82,217,376	\$699,699	\$0	\$116,984,395

Duke Energy Florida, LLC
 Energy Conservation Cost Recovery
 Schedule of Capital Investment, Depreciation & Return
 January - June 2020 Actuals
 July - December 2020 Estimates

FPSC Docket No. 202002-EG
 Duke Energy Florida, LLC
 Witness: Lori J. Cross
 Exhibit No. (LJC-1P)
 Schedule C-3
 Page 3 of 7

Line No.	Program Demand (D) or Energy (E)	Beginning Balance	Act Jan-20	Act Feb-20	Act Mar-20	Act Apr-20	Act May-20	Act Jun-20	Est Jul-20	Est Aug-20	Est Sep-20	Est Oct-20	Est Nov-20	Est Dec-20	Total
1	Conservation Program Admin (E)														
2	Investments		\$29,481	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$29,481
3	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
4	Depreciation Base		0	29,481	29,481	29,481	29,481	29,481	29,481	29,481	29,481	29,481	29,481	29,481	0
5															
6	Depreciation Expense		0	491	491	491	491	491	491	491	491	491	491	491	5,401
7															
8	Cumulative Investment	0	29,481	29,481	29,481	29,481	29,481	29,481	29,481	29,481	29,481	29,481	29,481	29,481	29,481
9	Less: Accumulated Depreciation	0	0	491	982	1,473	1,964	2,455	2,946	3,437	3,928	4,419	4,910	5,401	5,401
10	Net Investment	0	29,481	28,990	28,499	28,008	27,517	27,026	26,535	26,044	25,553	25,062	24,571	24,080	24,080
11	Average Investment		14,741	29,236	28,745	28,254	27,763	27,272	26,781	26,290	25,799	25,308	24,817	24,326	24,326
12	Return on Average Investment		77	153	150	147	146	143	139	136	135	132	129	126	1,613
13															
14	Return Requirements		94	187	183	180	178	175	171	167	166	162	158	155	1,976
15															
16	Program Total		\$94	\$678	\$674	\$671	\$669	\$666	\$662	\$658	\$657	\$653	\$649	\$646	\$7,377
17	Standby Generation (D)														
18	Investments		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
19	Retirements		222,782	0	0	0	0	0	0	0	0	0	0	0	222,782
20	Depreciation Base		0	0	0	0	0	0	0	0	0	0	0	0	0
21	Depreciation Expense		(29,615)	0	0	0	0	0	0	0	0	0	0	0	(29,615)
22															
23	Cumulative Investment	222,782	0	0	0	0	0	0	0	0	0	0	0	0	0
24	Less: Accumulated Depreciation	23,509	0	0	0	0	0	0	0	0	0	0	0	0	0
25	Net Investment	199,273	0	0	0	0	0	0	0	0	0	0	0	0	0
26	Average Investment		0	0	0	0	0	0	0	0	0	0	0	0	0
27	Return on Average Investment		(11,301)	0	0	0	0	0	0	0	0	0	0	0	(11,301)
28															
29	Return Requirements		(11,301)	0	0	0	0	0	0	0	0	0	0	0	(11,301)
30															
31	Program Total		(\$40,916)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$40,916)

Notes:

- Investments made into the Standby program in 2019 should have been classified as O&M (not Capital). The adjustment shown is to credit the Depreciation Expense and Return on those Investments.
- Jan - Jun return on average investment is calculated using an annual rate of 6.273% based on May 2019 DEF Surveillance Report capital structure & costs rates. See Stipulation & Settlement Agreement in Order No. PSC-12-0425-PAA-EU, Docket 20120002-EG.
- Jul - Dec return on average investment is calculated using an annual rate of 6.247% based on May 2019 DEF Surveillance Report capital structure & costs rates. See Stipulation & Settlement Agreement in Order No. PSC-12-0425-PAA-EU, Docket 20120002-EG.
- Return Requirements are calculated using a combined statutory tax rate of 24.522%.

Duke Energy Florida, LLC
Energy Conservation Cost Recovery
Schedule of Capital Investment, Depreciation & Return
January - June 2020 Actuals
July - December 2020 Estimates

FPSC Docket No. 2020002-EG
Duke Energy Florida, LLC
Witness: Lori J. Cross
Exhibit No. (LJC-1P)
Schedule C-3
Page 4 of 7

Line No.	Program Demand (D) or Energy (E)	Beginning Balance	Act Jan-20	Act Feb-20	Act Mar-20	Act Apr-20	Act May-20	Act Jun-20	Est Jul-20	Est Aug-20	Est Sep-20	Est Oct-20	Est Nov-20	Est Dec-20	Total
1	Interruptible Service (D)														
2	Investments		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
3	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
4	Depreciation Base		116,373	116,373	116,373	116,373	116,373	116,373	116,373	116,373	116,373	116,373	116,373	116,373	116,373
5															
6	Depreciation Expense		1,940	1,940	1,940	1,940	1,940	1,940	1,940	1,940	1,940	1,940	1,940	1,940	23,280
7															
8	Cumulative Investment	116,373	116,373	116,373	116,373	116,373	116,373	116,373	116,373	116,373	116,373	116,373	116,373	116,373	116,373
9	Less: Accumulated Depreciation	50,643	52,583	54,523	56,463	58,403	60,343	62,283	64,223	66,163	68,103	70,043	71,983	73,923	73,923
10	Net Investment	65,730	63,790	61,850	59,910	57,970	56,030	54,090	52,150	50,210	48,270	46,330	44,390	42,450	42,450
11	Average Investment		64,760	62,820	60,880	58,940	57,000	55,060	53,120	51,180	49,240	47,300	45,360	43,420	43,420
12	Return on Average Investment		338	328	318	309	298	288	277	267	257	247	236	226	3,389
13															
14	Return Requirements		413	401	389	378	365	352	340	327	315	303	290	277	4,150
15															
16	Program Total		\$2,353	\$2,341	\$2,329	\$2,318	\$2,305	\$2,292	\$2,280	\$2,267	\$2,255	\$2,243	\$2,230	\$2,217	\$27,430
			2,353	2,341	2,329	2,318	2,305	2,292	2,280	2,267	2,255	2,243	2,230	2,217	
17	Residential Energy Management - Summary (Itemized below) (D)														
18	Expenditures Booked Directly to Plant		\$723,783	\$557,714	\$85,487	\$137,758	(\$2,598)	\$8,058	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$4,510,201
19	Retirements		(\$49,104)	\$10,620	\$17,159	\$91,469	\$115,047	\$3,325	\$2,407,052	\$1,591,458	\$412,325	\$437,122	\$2,613,171	\$988,718	8,638,363
20	Investments Booked to CWIP		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	0
21	Closings to Plant		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	0
22	Depreciation Base		\$62,317,413	\$63,060,438	\$63,604,262	\$63,635,435	\$63,669,934	\$63,608,150	\$62,411,019	\$60,911,764	\$60,409,872	\$60,485,149	\$59,460,003	\$58,159,058	
23															
24	Depreciation Expense		\$985,924	\$997,573	\$1,006,636	\$1,007,156	\$1,008,003	\$1,004,668	\$995,410	\$978,597	\$973,146	\$974,314	\$962,494	\$947,174	11,841,095
25															
26	Cumulative Plant Investment	62,292,861	\$63,065,748	\$63,612,841	\$63,681,169	\$63,727,457	\$63,609,812	\$63,614,545	\$61,707,493	\$60,616,035	\$60,703,710	\$60,766,588	\$58,653,417	\$58,164,698	58,164,698
27	Less: Accumulated Depreciation	37,138,272	\$38,173,300	\$39,160,253	\$40,149,730	\$41,065,417	\$41,958,372	\$42,959,715	\$41,548,073	\$40,935,212	\$41,496,033	\$42,033,225	\$40,382,548	\$40,341,003	40,341,003
28	Cumulative CWIP Investment	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	0
29	Net Plant Investment	25,154,589	24,892,448	24,452,588	23,531,439	22,662,041	21,651,440	20,654,830	20,159,420	19,680,823	19,207,677	18,733,363	18,270,869	17,823,695	17,823,695
30	Average Investment		25,023,518	24,672,518	23,992,014	23,096,740	22,156,740	21,153,135	20,407,125	19,920,122	19,444,250	18,970,520	18,502,116	18,047,282	
31	Return on Average Investment		130,816	128,981	125,423	120,742	115,830	110,583	106,227	103,692	101,216	98,749	96,311	93,943	1,332,513
32															
33	Return Requirements		130,816	128,981	125,423	120,742	115,830	110,583	106,227	103,692	101,216	98,749	96,311	93,943	1,332,513
34															
35	Program Total		\$1,145,917	\$1,155,321	\$1,160,033	\$1,154,827	\$1,149,667	\$1,139,916	\$1,125,702	\$1,105,778	\$1,097,291	\$1,095,432	\$1,080,622	\$1,062,398	\$13,472,904
36	Residential Energy Management - SmartGrid Hardware for ODS, LMS, APPDEV & TELECOM (D)														
37	Expenditures Booked Directly to Plant		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
38	Retirements		(\$8,254)	0	0	0	114,564	0	2,260,944	1,181,478	45,337	(\$1,649)	2,298,780	380,458	6,111,657
39	Investments Booked to CWIP		0	0	0	0	0	0	0	0	0	0	0	0	0
40	Closings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
41	Depreciation Base		10,631,518	10,675,645	10,675,645	10,675,645	10,618,363	10,561,081	9,430,609	7,709,398	7,095,991	7,114,147	6,005,582	4,665,963	
42															
43	Depreciation Expense		124,475	124,475	124,475	124,475	123,792	120,532	112,385	91,873	84,563	84,779	71,569	55,604	1,242,997
44															
45	Cumulative Plant Investment	10,587,391	10,675,645	10,675,645	10,675,645	10,675,645	10,561,081	10,561,081	8,300,137	7,118,659	7,073,323	7,154,972	4,856,192	4,475,734	4,475,734
46	Less: Accumulated Depreciation	8,880,970	9,093,699	9,218,174	9,342,649	9,467,124	9,476,352	9,596,884	7,448,325	6,358,720	6,397,946	6,564,374	4,337,163	4,012,309	4,012,309
47	Cumulative CWIP Investment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48	Net Plant Investment	1,706,421	1,581,946	1,457,471	1,332,996	1,208,521	1,084,729	964,197	851,812	759,939	675,376	590,597	519,028	463,424	463,424
49	Average Investment		1,644,184	1,519,709	1,395,234	1,270,759	1,146,625	1,024,463	908,005	805,876	717,658	632,987	554,813	491,226	
50	Return on Average Investment		8,596	7,945	7,294	6,643	5,994	5,356	4,727	4,195	3,736	3,295	2,888	2,557	63,226
51															
52	Return Requirements		10,513	9,717	8,921	8,124	7,331	6,551	5,798	5,145	4,582	4,041	3,542	3,136	77,401
53															
54	Program Total		\$134,988	\$134,192	\$133,396	\$132,599	\$131,123	\$127,083	\$118,183	\$97,018	\$89,145	\$88,820	\$75,111	\$58,740	\$1,320,398

Notes:

- Jan - Jun return on average investment is calculated using an annual rate of 6.273% based on May 2019 DEF Surveillance Report capital structure & costs rates. See Stipulation & Settlement Agreement in Order No. PSC-12-0425-PAA-EU, Docket 20120002-EG.
- Jul - Dec return on average investment is calculated using an annual rate of 6.247% based on May 2019 DEF Surveillance Report capital structure & costs rates. See Stipulation & Settlement Agreement in Order No. PSC-12-0425-PAA-EU, Docket 20120002-EG.
- Return Requirements are calculated using a combined statutory tax rate of 24.522%.

Duke Energy Florida, LLC
Energy Conservation Cost Recovery
Schedule of Capital Investment, Depreciation & Return
January - June 2020 Actuals
July - December 2020 Estimates

FPSC Docket No. 202002-EG
Duke Energy Florida, LLC
Witness: Lori J. Cross
Exhibit No. (LJC-1P)
Schedule C-3
Page 5 of 7

Line No.	Program Demand (D) or Energy (E)	Beginning Balance	Act Jan-20	Act Feb-20	Act Mar-20	Act Apr-20	Act May-20	Act Jun-20	Est Jul-20	Est Aug-20	Est Sep-20	Est Oct-20	Est Nov-20	Est Dec-20	Total
1	Residential Energy Management - SmartGrid Software for ODS, LMS, APPDEV (D)														
2	Expenditures Booked Directly to Plant	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
3	Retirements	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	Investments Booked to CWIP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Closings to Plant	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	Depreciation Base		11,374,260	11,374,260	11,374,260	11,374,260	11,374,260	11,374,260	11,374,260	11,374,260	11,374,260	11,374,260	11,374,260	11,374,260	11,374,260
7															
8	Depreciation Expense		189,575	189,575	189,575	189,575	189,575	189,575	189,575	189,575	189,575	189,575	189,575	189,575	2,274,900
9															
10	Cumulative Plant Investment	11,374,260	11,374,260	11,374,260	11,374,260	11,374,260	11,374,260	11,374,260	11,374,260	11,374,260	11,374,260	11,374,260	11,374,260	11,374,260	11,374,260
11	Less: Accumulated Depreciation	8,855,012	9,044,587	9,234,162	9,423,737	9,613,312	9,802,887	9,992,462	10,182,037	10,371,612	10,561,187	10,750,762	10,940,337	11,129,912	11,129,912
12	Cumulative CWIP Investment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	Net Plant Investment	2,519,247	2,329,672	2,140,097	1,950,522	1,760,947	1,571,372	1,381,797	1,192,222	1,002,647	813,072	623,497	433,922	244,347	244,347
14	Average Investment	2,424,460	2,234,885	2,045,310	1,855,735	1,666,160	1,476,585	1,287,010	1,097,435	907,860	718,285	528,710	339,135	139,135	339,135
15	Return on Average Investment	12,674	11,684	10,692	9,701	8,711	7,719	6,699	5,712	4,726	3,739	2,752	1,765	765	86,574
16															
17	Return Requirements	15,501	14,290	13,077	11,865	10,654	9,441	8,217	7,006	5,797	4,586	3,375	2,165	1,057	105,974
18															
19	Program Total		\$205,076	\$203,865	\$202,652	\$201,440	\$200,229	\$199,016	\$197,792	\$196,581	\$195,372	\$194,161	\$192,950	\$191,740	\$2,380,874
20	Residential Energy Management - Load Management Switches (D)														
21	Expenditures Booked Directly to Plant	\$723,783	\$557,714	\$85,487	\$137,758	(\$2,598)	\$8,058	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$4,510,201
22	Retirements	39,150	10,620	17,159	91,469	483	3,325	146,108	409,980	366,988	518,771	314,391	608,260	608,260	2,526,706
23	Investments Booked to CWIP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	Closings to Plant	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	Amortization Base	40,311,635	41,010,533	41,554,357	41,585,530	41,677,311	41,672,809	41,606,150	41,828,106	41,939,621	41,996,742	42,080,161	42,118,835	42,118,835	42,118,835
26															
27	Amortization Expense	671,874	683,523	692,586	693,106	694,636	694,561	693,450	697,149	699,008	699,960	701,350	701,995	701,995	8,323,198
28															
29	Cumulative Plant Investment	40,331,210	41,015,843	41,562,937	41,631,264	41,677,553	41,674,471	41,679,204	42,033,096	42,123,116	42,256,127	42,237,356	42,422,965	42,314,705	42,314,705
30	Less: Accumulated Depreciation	19,402,290	20,035,014	20,707,917	21,383,344	21,984,980	22,679,133	23,370,369	23,917,710	24,204,879	24,536,899	24,718,088	25,105,047	25,198,782	25,198,782
31	Cumulative CWIP Investment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	Net Plant Investment	20,928,920	20,980,829	20,855,020	20,247,921	19,692,572	18,995,338	18,308,835	18,115,385	17,918,236	17,719,228	17,519,268	17,317,918	17,115,923	17,115,923
33	Average Investment	20,954,875	20,917,925	20,551,470	19,970,247	19,343,955	18,652,087	18,212,110	18,016,811	17,818,732	17,619,248	17,418,593	17,216,921	17,015,921	17,015,921
34	Return on Average Investment	109,546	109,352	107,437	104,398	101,125	97,508	94,801	93,785	92,754	91,715	90,671	89,621	88,571	1,182,713
35															
36	Return Requirements	133,979	133,741	131,399	127,682	123,679	119,256	116,277	115,030	113,766	112,491	111,211	109,923	108,644	1,448,434
37															
38	Program Total		\$805,853	\$817,264	\$823,985	\$820,788	\$818,315	\$813,817	\$809,727	\$812,179	\$812,774	\$812,451	\$812,561	\$811,918	\$9,771,632
39	Summary of Demand & Energy														
40	Energy		\$94	\$678	\$674	\$671	\$669	\$666	\$662	\$658	\$657	\$653	\$649	\$646	\$7,377
41	Demand		1,107,354	1,157,662	1,162,362	1,157,145	1,151,972	1,142,208	1,127,982	1,108,045	1,099,546	1,097,675	1,082,852	1,064,615	13,459,418
42	Total Return & Depreciation		\$1,107,448	\$1,158,340	\$1,163,036	\$1,157,816	\$1,152,641	\$1,142,874	\$1,128,644	\$1,108,703	\$1,100,203	\$1,098,328	\$1,083,501	\$1,065,261	\$13,466,795

Notes:

- Jan - Jun return on average investment is calculated using an annual rate of 6.273% based on May 2019 DEF Surveillance Report capital structure & costs rates. See Stipulation & Settlement Agreement in Order No. PSC-12-0425-PAA-EU, Docket 20120002-EG.
- Jul - Dec return on average investment is calculated using an annual rate of 6.247% based on May 2019 DEF Surveillance Report capital structure & costs rates. See Stipulation & Settlement Agreement in Order No. PSC-12-0425-PAA-EU, Docket 20120002-EG.
- Return Requirements are calculated using a combined statutory tax rate of 24.522%.

Duke Energy Florida, LLC
 Energy Conservation Cost Recovery
 Calculation of Interest Provision
 January 2020 - December 2020

Line No.	Act Jan-20	Act Feb-20	Act Mar-20	Act Apr-20	Act May-20	Act Jun-20	Est Jul-20	Est Aug-20	Est Sep-20	Est Oct-20	Est Nov-20	Est Dec-20	Total
1 Beginning True-Up Amount (C3, Page 7, Lines 7 & 8)	\$3,747,214	\$4,986,982	\$6,915,955	\$7,415,860	\$6,531,041	\$6,957,010	\$4,600,141	\$2,670,933	\$507,459	(\$1,330,988)	(\$1,911,135)	(\$195,036)	
2 Ending True-Up Amount Before Interest (C3, Page 7, Lines 5,7-10)	4,980,891	6,908,025	7,404,612	6,524,448	6,956,617	4,599,684	2,670,600	507,313	(1,330,950)	(1,910,986)	(194,939)	1,488,679	
3 Total Beginning & Ending True-Up (Line 1 + Line 2)	8,728,105	11,895,007	14,320,567	13,940,308	13,487,658	11,556,694	7,270,741	3,178,246	(823,491)	(3,241,974)	(2,106,075)	1,293,643	
4 Average True-Up Amount (50% of Line 3)	4,364,052	5,947,503	7,160,283	6,970,154	6,743,829	5,778,347	3,635,370	1,589,123	(411,745)	(1,620,987)	(1,053,037)	646,821	
5 Interest Rate: First Day Reporting Business Month	1.71%	1.64%	1.56%	2.21%	0.06%	0.08%	0.11%	0.11%	0.11%	0.11%	0.11%	0.11%	0.11%
6 Interest Rate: First Day Subsequent Business Month	1.64%	1.56%	2.21%	0.06%	0.08%	0.11%	0.11%	0.11%	0.11%	0.11%	0.11%	0.11%	0.11%
7 Total (Line 5 & Line 6) (Line 5 + Line 6)	3.35%	3.20%	3.77%	2.27%	0.14%	0.19%	0.22%	0.22%	0.22%	0.22%	0.22%	0.22%	0.22%
8 Average Interest Rate (50% of Line 7)	1.675%	1.600%	1.885%	1.135%	0.070%	0.095%	0.110%	0.110%	0.110%	0.110%	0.110%	0.110%	0.110%
9 Interest Provision (Line 4 * Line 8) / 12	\$6,091	\$7,930	\$11,248	\$6,593	\$393	\$457	\$333	\$146	(\$38)	(\$149)	(\$97)	\$59	\$32,966

Duke Energy Florida, LLC
 Energy Conservation Cost Recovery
 Energy Conservation Adjustment
 Calculation of True-Up
 January 2020 - December 2020

Line No.	Act Jan-20	Act Feb-20	Act Mar-20	Act Apr-20	Act May-20	Act Jun-20	Est Jul-20	Est Aug-20	Est Sep-20	Est Oct-20	Est Nov-20	Est Dec-20	Total	
1	ECCR Revenues	\$8,082,984	\$8,368,852	\$8,715,363	\$9,923,051	\$9,308,754	\$10,692,820	\$12,139,471	\$12,353,609	\$12,019,897	\$10,759,613	\$8,448,591	\$8,462,831	\$119,275,837
2	Prior Period True-Up Over/(Under) Recovery	(312,293)	(312,293)	(312,293)	(312,293)	(312,293)	(312,293)	(312,293)	(312,293)	(312,293)	(312,293)	(312,293)	(312,293)	(3,747,510)
3	ECCR Revenues Applicable to Period	7,770,691	8,056,559	8,403,071	9,610,759	8,996,461	10,380,527	11,827,178	12,041,317	11,707,605	10,447,320	8,136,299	8,150,539	115,528,327
4	ECCR Expenses	9,316,661	10,289,895	9,204,020	9,031,639	9,734,330	8,335,493	10,209,930	10,189,989	10,181,489	10,179,614	10,164,787	10,146,547	116,984,395
5	True-Up This Period (Over)/Under Recovery	1,545,969	2,233,336	800,949	(579,119)	737,869	(2,045,034)	(1,617,248)	(1,851,328)	(1,526,116)	(267,706)	2,028,488	1,996,008	1,456,068
6	Current Period Interest	6,091	7,930	11,248	6,593	393	457	333	146	(38)	(149)	(97)	59	32,966
7	Adjustments	(296)	0	0	0	0	0	0	0	0	0	0	0	(296)
8	True-Up & Interest Provision Beginning of Period	3,747,510	4,986,982	6,915,955	7,415,860	6,531,041	6,957,010	4,600,141	2,670,933	507,459	(1,330,988)	(1,911,135)	(195,036)	3,747,510
9	GRT Refunded	0	0	0	0	0	0	0	0	0	0	0	0	0
10	Prior Period True-Up Over/(Under) Recovery	(312,293)	(312,293)	(312,293)	(312,293)	(312,293)	(312,293)	(312,293)	(312,293)	(312,293)	(312,293)	(312,293)	(312,293)	(3,747,510)
11	End of Period Net True-Up	\$4,986,982	\$6,915,955	\$7,415,860	\$6,531,041	\$6,957,010	\$4,600,141	\$2,670,933	\$507,459	(\$1,330,988)	(\$1,911,135)	(\$195,036)	\$1,488,738	\$1,488,738

Duke Energy Florida, LLC
Energy Conservation Cost Recovery
Calculation of ECCR Revenues
January 2021 - December 2021

Line No.	Month	Jurisdictional mWh Sales	ECCR Revenue Net of Revenue Taxes
1	January	3,019,064	\$9,268,561
2	February	2,828,367	8,635,318
3	March	2,610,944	7,898,901
4	April	2,660,944	7,951,104
5	May	2,992,526	8,922,755
6	June	3,618,140	10,957,869
7	July	3,984,399	12,148,629
8	August	4,016,879	12,232,154
9	September	4,115,362	12,554,102
10	October	3,815,333	11,555,844
11	November	3,167,483	9,485,997
12	December	2,758,734	8,348,501
13	Total	<u>39,588,176</u>	<u>\$119,959,736</u>

Program Description and Progress

Program Title: Home Energy Check

Program Description: The Home Energy Check is a residential energy audit program that provides residential customers with an analysis of their energy consumption as well as educational information on how to reduce energy usage and save money. The audit provides DEF the opportunity to promote and directly install cost-effective measures in customers' homes while also educating and encouraging customers to implement energy-saving practices.

Program Projections - January 2021 - December 2021: It is estimated that 25,000 customers will participate in this program during the projection period.

Program Fiscal Costs - January 2021 - December 2021: Costs for this program are projected to be \$4,753,922.

Program Progress Summary: As of year-to-date, June 30, 2020, 12,734 customers have participated in this program. Due to safety concerns related to COVID-19, DEF stopped performing walk-through audits in March of this year. DEF has now implemented a number of safety protocols and resumed walk-through audits in June and caught up on the backlog by the end of July. During the March through June time period, there was a significant increase in the number of phone-assisted and online audits completed by customers. The Home Energy Check will continue to inform and motivate consumers on cost effective energy efficiency improvements which result in implementation of energy efficiency measures and savings for customers.

Program Description and Progress

Program Title: Residential Incentive Program

Program Description: The Residential Incentive Program provides incentives to residential customers for energy efficiency improvements for both existing homes and new homes. The Residential Incentive Program includes incentives for measures such as duct testing, duct repair, attic insulation, replacement windows, high efficiency heat pump replacing resistance heat, and high efficiency heat pump replacing a heat pump.

Program Projections - January 2021 - December 2021: It is estimated that 15,933 completions will be performed in this program during the projection period.

Program Fiscal Costs - January 2021 - December 2021: Costs for this program are projected to be \$6,837,563.

Program Progress Summary: As of year-to-date, June 30, 2020, DEF has provided incentives to customers on a total of 8,968 measure installations.

Program Description and Progress

Program Title: Neighborhood Energy Saver Program

Program Description: The Neighborhood Energy Saver Program is designed to assist customers in selected neighborhoods where approximately 50% of the households have incomes equal to or less than 200% of the poverty level established by the U.S. Government. DEF or a third-party contractor directly installs energy conservation measures, identified through an energy assessment, in customer homes to increase energy efficiency. Customers also receive a comprehensive package of energy education materials which inform them on ways to better manage their energy usage. The energy conservation measures are installed, and energy efficiency education is provided at no cost to the participants.

Program Projections - January 2021 - December 2021: It is estimated that energy conservation measures will be installed on 5,000 homes.

Program Fiscal Costs for January 2021 - December 2021: Costs for this program are projected to be \$4,950,451.

Program Progress Summary: As of year-to-date, June 30, 2020, DEF has installed measures on 950 homes and has provided an average of 13,728 Home Energy Reports to customers each month. DEF suspended in home appointments in March and they remain suspended to date as DEF continues to evaluate the COVID situation. DEF continues to evaluate precautions that can be taken to make this work to ensure the safety of its customers.

Program Description and Progress

Program Title: Low-Income Weatherization Assistance Program

Program Description: The Low-Income Weatherization Program is designed to integrate DEF's program measures with assistance provided by the Florida Department of Economic Opportunity (DEO) and local weatherization providers to deliver energy efficiency measures to low-income eligible families. Through this partnership, DEF assists local weatherization agencies and other non-profit or government agencies by providing energy education, energy education materials and financial incentives to weatherize the homes of low-income families.

Program Projections - January 2021 - December 2021: It is estimated that 786 weatherization measures will be installed on 244 residential homes.

Program Fiscal Costs - January 2021 - December 2021: Costs for this program are projected to be \$367,239.

Program Progress Summary: As of year-to-date, June 30, 2020, measures have been installed on 79 homes through this program. There has been significantly less participation in this program to date due to the impact of COVID-19.

Program Description and Progress

Program Title: Energy Management Program (Residential & Commercial)

Program Description: The Residential Energy Management program is a voluntary program that incorporates direct control of selected customer equipment to reduce system demand during winter and summer peak capacity periods and/or emergency conditions by temporarily interrupting selected customer appliances for specified periods of time. Residential customers have a choice of options and receive a credit on their monthly electric bills depending on the load control options selected and their monthly kWh usage. The Commercial program was closed to new participants as of July 20, 2000.

This program provides approximately 711 MW's of winter and 396 MW's of summer load reduction. Approximately 439,000 customers currently participate in the program.

Program Projections - January 2021 - December 2021: During this period, DEF anticipates adding 2,500 new participants to the current portfolio of approximately 439,000 participants.

Program Fiscal Costs - January 2021 - December 2021: Program costs during this period are projected to be \$40,649,516.

Program Progress Summary: Through year-to-date, June 30, 2020, DEF added a total of 1,233 new participants to this program.

Program Description and Progress

Program Title: Business Energy Check Program

Program Description: The Business Energy Check Program provides no-cost energy audits at non-residential facilities. This program acts as a motivational tool to identify, evaluate and inform consumers about cost effective energy saving measures that can be installed at their facility. The Business Energy Check Program serves as the foundation for the Better Business Program.

Program Projections - January 2021 - December 2021: It is estimated that 540 customers will participate in this program during the projection period.

Program Fiscal Costs - January 2021 - December 2021: Costs for this program are projected to be \$687,465.

Program Progress Summary: As of year-to-date, June 30, 2020, DEF had performed 204 on site commercial audits. DEF temporarily suspended on-site audits in March, however, during this suspension DEF continued to support customers through phone calls and emails. DEF resumed on-site audits in June while taking precautions to protect both customers and DEF staff. DEF also recently implemented a new online assessment tool for commercial customers.

Program Description and Progress

Program Title: Better Business Program

Program Description: This umbrella efficiency program provides incentives to existing commercial, industrial, and governmental customers for heating, air conditioning, roof insulation, duct leakage and repair, demand-control ventilation, high efficiency energy recovery ventilation, and HVAC optimization qualifying measures.

Program Projections - January 2021 - December 2021: It is estimated that 2,459 participants will take part in this program during the projection period.

Program Fiscal Costs - January 2021 - December 2021: Costs for this program are projected to be \$2,193,766.

Program Progress Summary: As of year-to-date, June 30, 2020, DEF had provided incentives on 181 energy efficiency measures through this program.

Program Description and Progress

Program Title: Florida Custom Incentive Program

Program Description: The Florida Custom Incentive Program is designed to encourage customers to make capital investments for energy efficiency measures which reduce peak KW and provide energy savings. This program provides incentives for individual custom projects which are cost effective, but not otherwise addressed through DEF's prescriptive programs. Examples of energy efficient technologies that would be considered under this program include, but are not limited to, new construction measures and new thermal energy storage systems.

Program Projections - January 2021 - December 2021: It is estimated that 60 customers will participate in the program during the projection period.

Program Fiscal Costs - January 2021 - December 2021: Costs for this program are projected to be \$804,410.

Program Progress Summary: As of year-to-date June 30, 2020, 32 customers have participated in this program and there are several other applications that are currently being evaluated.

Program Description and Progress

Program Title: Standby Generation

Program Description: The Standby Generation Program is a demand control program that reduces DEF's system demand based on control of customer equipment. It is a voluntary program available to commercial and industrial customers who have on-site generation capability and are willing to reduce their DEF demand when necessary. This program is offered to customers through DEF's General Service Load Management-2 (GSLM-2) rate schedule.

Program Projections - January 2021 - December 2021: It is estimated that 9 new installations will be completed during the projection period.

Program Fiscal Costs - January 2021 - December 2021: Expenses for this program are projected to be \$5,333,281.

Program Progress Summary: There are currently a total of 174 accounts participating in this program.

Program Description and Progress

Program Title: Interruptible Service

Program Description: Interruptible Service is a direct load control DSM program in which customers contract to allow DEF to interrupt their electrical service during times of capacity shortages during peak or emergency conditions. In return, customers receive a monthly credit on their bill based on their monthly peak demand.

Program Projections - January 2021 - December 2021: 12 new accounts are estimated to sign up for this program during the projection period.

Program Fiscal Costs - January 2021 - December 2021: Costs for this program are projected to be \$45,016,922.

Program Progress Summary: DEF added an additional 6 accounts to this program YTD through June adding an additional 13.4 KW of winter and 16.1 KW of summer load control. There are a total of 190 accounts participating in this program.

Program Description and Progress

Program Title: Curtailable Service

Program Description: Curtailable Service is an indirect load control DSM program in which customers contract to curtail or reduce a portion of their electric load during times of capacity shortages. The curtailment is managed by the customer when notified by DEF. In return, customers receive a monthly rebate for the curtailable portion of their load.

Program Projections - January 2021 - December 2021: DEF is not projecting to add any new participants during the projection period as DEF expects that customers are more likely to participate in the Interruptible or Stand-by load management programs.

Program Fiscal Costs - January 2021 - December 2021: Costs for this program are projected to be \$2,503,096 and 97% of these costs are attributable to incentives paid to customers who currently participate in the program.

Program Progress Summary: As of June 30, 2020, there are 4 customers participating in this program.

Program Description and Progress

Program Title: Technology Development

Program Description: The Technology Development Program allows DEF to investigate technologies that support the development of cost-effective demand reduction and energy efficiency programs.

Program Projections - January 2021 - December 2021: DEF has partnered with various research organizations including, the University of South Florida (USF), the University of Central Florida (UCF) and the Electric Power Research Institute (EPRI) to evaluate energy efficiency, energy storage, demand response, and smart-charging technologies. Several research projects associated with these four focus areas will continue and/or launch in 2021:

- Energy Management Circuit Breakers
- Smart Charging for Electric Transportation
- Smart Appliances for Demand Management and Customer EE
- Advanced Variable Capacity HVAC
- USF Renewable Energy Storage
- Persistent Wi-Fi for Demand Side Management
- UCF Long Duration Energy Storage
- Precision Temperature Monitoring for Energy Efficiency Improvement
- EPRI programs (energy efficiency, energy storage, integration of renewable resources, electric transportation infrastructure)

Program Fiscal Costs - January 2021 - December 2021: Costs for this program are projected to be \$607,117.

Program Progress Summary: The following provides a summary of projects that DEF is currently supporting through this program:

- Energy Management Circuit Breaker Project: This project will continue to explore the potential for developing a Florida program for customer circuit breakers that include communication, metering, and remote operation for potential applications including energy efficiency, demand response, and integration of distributed energy resources. A field pilot consisting of 10 customer homes was installed and operational data was collected from appliances. In 2020, DEF upgraded the EMCB hardware to new commercial grade units and upgraded the communications path to prepare for large scale implementation by the vendor. This upgrade is giving DEF the opportunity to test units and infrastructure that could be implemented in large scale. We will continue to test smart breaker applications including smart breakers that have electric vehicle charging capabilities in 2021. DEF will document the operation of these breakers and assess the cost-effectiveness for potential EE and DR programs.

Program Description and Progress

- Smart charging for electric transportation: Testing includes analysis of residential and public charging, vehicle charging programs and Electric Vehicle Supply Equipment (EVSE) control technology. An EV charging load research project is providing data on residential customer charging behavior.
- CTA-2045 Testing Project: The CTA-2045 standard provides for a modular communications interface to residential appliances for demand management. CTA-2045 also provides standard signals for DSM to control appliances. DEF, in partnership with EPRI, tested: CTA-2045 thermostats, heat pump water heaters, electric water heaters, pool pump/timers, and electric vehicle chargers. DEF also tested retrofit devices that could bring the features of CTA-2045 to existing appliances including water heaters, pool pumps, and electric vehicle chargers. The functionality and commercialization of devices utilizing this standard are being verified in field demonstrations for potential program development.
- EPRI and National Labs HEMS EE/DR Project: This project will leverage the CTA-2045 Project to provide field testing of Home Energy Management Systems (HEMS) for energy efficiency and demand response. This project is in the field-testing phase of a FOA that is being executed by EPRI and a consortium of US National Labs. The project designed the hardware and software to enable customer appliance control through the HEMS. DEF will install the HEMS systems in 2020, and they will be tested through 2021.
- Advanced Variable Capacity HVAC Pilot: This project will evaluate the demand response capability of internet-connected variable capacity heat pumps. We will verify that variable capacity systems can provide greater peak power reduction while limiting discomfort to the customer (compared to traditional duty cycling strategies for single-speed systems). This pilot will test triggering of DSM using open standards and actuate through manufacturer cloud-based communication. DEF will utilize existing heat pumps resulting in minimal need for retrofit. Currently, these heat pumps cannot participate in our Residential Energy Management Program because of the type of thermostatic control employed in these systems.
- USF Renewable Energy Storage System: This project will evaluate the use of a customer-sited energy storage system and a solar PV installation to renewably control customer demand, including high demand spikes from fast electric vehicle charging. DEF will also determine the feasibility of a potential DSM program using the solar and energy storage systems. The renewable energy storage system will also have the capability to supply loads during a prolonged utility outage (due to storms, etc.). This project has an online dashboard that is open to the public and provides solar, energy storage and load data (<https://dashboards.epri.com/duke-usfsp-parking>).

Program Description and Progress

- Persistent Wi-Fi for Demand Side Management Project: This project will design and test hardware and software to enable persistent connection of utility demand response equipment utilizing customer-provided internet connection in a secure Wi-Fi configuration.
- UCF Long-Duration Energy Storage Project: This project is a collaboration with the University of Central Florida (UCF) to document the value of long duration customer-side energy storage systems. Long duration energy storage (4 hours+) may be best achieved by employing technologies other than Lithium Ion. This project is using the technology at UCFs Microgrid Control lab to directly test a long duration vanadium flow battery energy storage system in multiple use cases, including integration of solar PV, operation and control of smart building loads for demand response, and study of battery performance.
- Precision Temperature Monitoring for Energy Efficiency Improvement: This project will determine the viability of using precision temperature measurement and analysis to determine issues with customer HVAC systems, duct work, or building envelope. Precision temperature measurements will be made at several points within the home. Analysis of the temperature data and rate of change of the temperature will provide conclusions about the energy efficiency of the home and suggest potential improvements.

Program Description and Progress

Program Title: Qualifying Facility

Program Description: This program supports the costs to administer and facilitate the interconnection and purchase of as-available energy and firm energy and capacity from qualifying facilities including those that utilize renewable sources and distributed energy resources.

Program Projections - January 2021 - December 2021: DEF, on behalf of its customers, will continue to engage with interested parties wanting to provide cogeneration and renewable, or distributed resource (DR) power to DEF. Discussions are expected to include potential projects, designs, commitments, obligations, grid access, and the commission's QF rules with renewable, energy storage, and combined heat and power companies. DEF expects most parties to explore small power production and options to transact with DEF as the technologies advance, the markets and incentives remain in place, technology costs decline, and technology accessibility becomes even more common. DEF expects that the number of potential distributed resources and QFs that engage DEF will remain steady, therefore DEF will require additional planning, forecasting, screening techniques and expanded QF business practices. For example, DEF will engage in more in-depth research and analytics to support grid interconnections, good faith and non-discriminatory QF contract negotiations, system impacts studies, and thorough state jurisdictional interconnection processes. DEF will monitor the existing potential QFs under development inside DEF's balancing authority for: permitting, interconnection and/or transmission study progress, construction, financing, insurance, and performance as that information is made available to DEF. DEF will continue to prudently administer all executed and in-service QF contracts for compliance and defend, on behalf of its customers, against all claims originating from QFs and DRs.

Program Fiscal Costs - January 2021 - December 2021: Costs for this program are projected to be \$1,725,910.

Program Progress Summary: DEF has approximately 528 MW under purchase contract from QFs. The total firm capacity from cogeneration facilities is 334 MW and the total firm capacity from renewable facilities is 78 MW. Approximately 67 MW of renewables are delivering energy to the Company under DEF's COG-1, as-available QF contract and 74.9 MW of COG-1 contracted qualified renewables are under development. DEF continues to manage over 4,400 MW of third-party renewables or distributed energy resources in its state and FERC jurisdictional generation interconnection request queues that may represent an intention to interconnect QF generation inside DEF's balancing authority. Finally, DEF continues to prudently administer all QF contracts and negotiations for compliance and defend, arbitrate, or mediate, on behalf of its customers, against all claims.

**Duke Energy Florida, LLC
Energy Conservation Cost Recovery
Capital Structure and Cost Rates**

FPSC Docket No. 20180002-EG
Duke Energy Florida, LLC
Witness Lori J. Cross
Exhibit No. (LJC-1P)
Schedule C-6
Page 1 of 1

Class of Capital	Retail Amount	Ratio	Cost Rate	Weighted Cost Rate	PreTax Weighted Cost Rate
CE	\$ 4,874,577,393	41.0%	10.50%	4.31%	5.71%
LTD	4,845,025,196	40.8%	4.70%	1.92%	1.92%
STD	(59,426,995)	-0.5%	-0.36%	0.00%	0.00%
CD-Active	176,756,874	1.5%	2.38%	0.04%	0.04%
CD-Inactive	1,853,499	0.0%	0.00%	0.00%	0.00%
Deferred Tax	2,026,313,275	17.0%	0.00%	0.00%	0.00%
ITC	19,805,922	0.2%	7.71%	0.01%	0.01%
Total	\$ 11,884,905,162	100.00%		6.27%	7.67%
			Total Debt	1.967%	1.97%
			Total Equity	4.307%	5.71%

May 2019 DEF Surveillance Report capital structure and cost rates. See Stipulation & Settlement Agreement in Order No. PSC-12-0425-PAA-EU, Dockets 120001-EI, 120002-EI & 120007-EI. Consistent with Paragraph 19 of the RRSA Used to Calculate January 2020 - June 2020

Class of Capital	Retail Amount	Ratio	Cost Rate	Weighted Cost Rate	PreTax Weighted Cost Rate
CE	\$ 5,587,139,333	41.5%	10.50%	4.36%	5.77%
LTD	\$ 5,219,534,862	38.8%	4.62%	1.79%	1.79%
STD	\$ 228,721,050	1.7%	2.10%	0.04%	0.04%
CD-Active	\$ 184,176,907	1.4%	2.43%	0.03%	0.03%
CD-Inactive	\$ 1,820,718	0.0%	0.00%	0.00%	0.00%
Deferred Tax	\$ 2,189,708,749	16.3%	0.00%	0.00%	0.00%
ITC	\$ 58,310,573	0.4%	7.66%	0.03%	0.03%
Total	\$ 13,469,412,193	100.00%		6.25%	7.66%
			Total Debt	1.891%	1.89%
			Total Equity	4.355%	5.77%

May 2020 DEF Surveillance Report capital structure and cost rates. See Stipulation & Settlement Agreement in Order No. PSC-12-0425-PAA-EU, Dockets 120001-EI, 120002-EI & 120007-EI. Used to Calculate July 2020 - December 2020

WACC - Through 6/30/20		
Debt		1.967%
Equity		.3066%
Revenue Expans on Factor	1.32 889	

WACC - Beginning 7/1/19		
Debt		1.891%
Equity		.355%
Revenue Expansion Factor	1.32 889	

WACC - Beginning 1/1/19		
Debt		1.827%
Equity		.601%
Revenue Expans on Fac or	1.32 889	

COMPANY: FLORIDA PUBLIC UTILITIES - CONSOLIDATED ELECTRIC
 CONSERVATION ADJUSTMENT TRUE-UP

SCHEDULE CT-1
 PAGE 1 OF 1

FOR MONTHS January-19 THROUGH December-19

1.	ADJUSTED END OF PERIOD TOTAL NET TRUE-UP		
2.	FOR MONTHS	January-19	THROUGH December-19
3.	END OF PERIOD NET TRUE-UP		
4.	PRINCIPAL	<u>198,907</u>	
5.	INTEREST	<u>1,141</u>	<u>200,048</u>
6.	LESS PROJECTED TRUE-UP		
7.	November-19 (DATE) HEARINGS		
8.	PRINCIPAL	<u>84,178</u>	
9.	INTEREST	<u>670</u>	<u>84,848</u>
10.	ADJUSTED END OF PERIOD TOTAL TRUE-UP		<u><u>115,200</u></u>

EXHIBIT NO. _____
 DOCKET NO. 20200002-EG
 FLORIDA PUBLIC UTILITIES COMPANY
 (CDY-1)
 PAGE 1 OF 18

FLORIDA PUBLIC SERVICE COMMISSION
 DOCKET: 20200002-EG EXHIBIT: 12
 PARTY: CDY-1
 DESCRIPTION: Schedules CT-1, CT-2, CT-3,
 CT-4, CT-5 and CT-6

ANALYSIS OF ENERGY CONSERVATION PROGRAM COSTS
ACTUAL VS PROJECTED

	FOR MONTHS	January-19	THROUGH	December-19	
		<u>ACTUAL</u>		<u>PROJECTED*</u>	<u>DIFFERENCE</u>
1.	LABOR/PAYROLL	342,969		321,683	21,286
2.	ADVERTISING	48,419		65,378	(16,959)
3.	LEGAL	136,869		50,466	86,403
4.	OUTSIDE SERVICES/CONTRACT	225,019		232,121	(7,102)
5.	VEHICLE COST	22,214		15,814	6,400
6.	MATERIAL & SUPPLIES	6,102		7,280	(1,178)
7.	TRAVEL	55,246		42,536	12,710
8.	GENERAL & ADMIN	0		0	0
9.	INCENTIVES	16,617		27,858	(11,241)
10.	OTHER	12,387		8,340	4,047
11.	SUB-TOTAL	865,843		771,476	94,367
12.	PROGRAM REVENUES				
13.	TOTAL PROGRAM COSTS	865,843		771,476	94,367
14.	LESS: PRIOR PERIOD TRUE-UP	(51,633)		(51,633)	0
15.	AMOUNTS INCLUDED IN RATE BASE				
16.	CONSERVATION ADJ REVENUE	(615,303)		(635,665)	20,362
17.					
18.	TRUE-UP BEFORE INTEREST	198,907		84,178	114,729
19.	ADD INTEREST PROVISION	1,141		670	471
20.	END OF PERIOD TRUE-UP	200,048		84,848	115,200

() REFLECTS OVERRECOVERY
* 6 MONTHS ACTUAL AND 6 MONTHS PROJECTED

EXHIBIT NO. _____
DOCKET NO. 20200002-EG
FLORIDA PUBLIC UTILITIES COMPANY
(CDY-1)
PAGE 2 OF 18

ACTUAL CONSERVATION PROGRAM COSTS PER PROGRAM

FOR MONTHS January-19 THROUGH December-19

PROGRAM NAME	LABOR & PAYROLL		LEGAL	OUTSIDE SERVICES	VEHICLE COST	MATERIALS & SUPPLIES		GENERAL & ADMIN.			SUB TOTAL	PROGRAM REVENUES	TOTAL
	PAYROLL	ADVERTISING				TRAVEL	INCENTIVES	OTHER					
1. Common	289,594	15,736	136,869	169,015	17,611	4,998	45,460	0	0	10,924	690,207	0	690,207
2. Residential Energy Survey	42,675	5,219	0	20,386	3,729	939	8,220	0	0	1,216	82,384	0	82,384
3. Loan Program (discontinued but remains open)											0	0	0
4. Commercial Energy Survey	0	0	0	0	0	0	0	0	0	0	0	0	0
5. Low Income Education	660	1,864	0	0	34	10	62	0	0	8	2,637	0	2,637
6. Commercial Heating & Cooling Upgrade	319	3,839	0	257	19	4	52	0	0	4	4,493	0	4,493
7. Residential Heating & Cooling Upgrade	2,168	13,864	0	257	179	32	462	0	12,876	58	29,896	0	29,896
8. Commercial Indoor Efficient Lighting Rebate	0	0	0	0	0	0	0	0	0	0	0	0	0
9. Commercial Window Film Installation Program	0	0	0	0	0	0	0	0	0	0	0	0	0
10. Commercial Chiller Upgrade Program	425	3,585	0	257	25	5	69	0	0	5	4,372	0	4,372
11. Solar Water Heating Program	0	0	0	0	0	0	0	0	0	0	0	0	0
12. Solar Photovoltaic Program	0	0	0	0	0	0	0	0	0	0	0	0	0
13. Electric Conservation Demonstration and Development	1,168	0	0	34,365	68	15	191	0	0	15	35,821	0	35,821
14. Commercial Reflective Roof	1,247	4,261	0	257	84	21	198	0	3,741	29	9,836	0	9,836
15. Commercial Energy Consultant	4,715	51	0	226	465	78	532	0	0	129	6,196	0	6,196
16.											0	0	0
17.											0	0	0
18.											0	0	0
19.											0	0	0
20.											0	0	0
21.											0	0	0
22.											0	0	0
TOTAL ALL PROGRAMS	342,969	48,419	136,869	225,019	22,214	6,102	55,246	0	16,617	12,387	865,843	0	865,843

COMPANY: FLORIDA PUBLIC UTILITIES - CONSOLIDATED ELECTRIC

SCHEDULE CT-2
PAGE 3 OF 3

CONSERVATION COSTS PER PROGRAM--VARIANCE ACTUAL VS PROJECTED
VARIANCE ACTUAL VS PROJECTED

FOR MONTHS January-19 THROUGH December-19

PROGRAM NAME	LABOR	ADVERTISING	LEGAL	OUTSIDE	VEHICLE	MATERIALS	TRAVEL	GENERAL	INCENTIVES	OTHER	SUB	PROGRAM	TOTAL
	&					&		SUPPLIES					
	PAYROLL			SERVICES	COST								
1. Common	34,045	(13,596)	86,403	287	5,810	906	11,365	0	0	3,287	128,507		128,507
2. Residential Energy Survey	(6,898)	(659)	0	2,853	932	(79)	2,772	0	0	665	(414)		(414)
3. Loan Program (discontinued but remains open)											0		0
4. Commercial Energy Survey	0	0	0	0	0	0	0	0	0	0	0		0
5. Low Income Education	125	1,814	0	0	34	(1,740)	51	0	0	8	291		291
6. Commercial Heating & Cooling Upgrade	(31)	(2,115)	0	(14)	(32)	(47)	(32)	0	(500)	4	(2,768)		(2,768)
7. Residential Heating & Cooling Upgrade	624	4,659	0	(14)	44	(37)	(1,372)	0	(7,741)	21	(3,816)		(3,816)
8. Commercial Indoor Efficient Lighting Rebate	0	0	0	0	0	0	0	0	0	0	0		0
9. Commercial Window Film Installation Program	0	0	0	0	0	0	0	0	0	0	0		0
10. Commercial Chiller Upgrade Program	(459)	(2,369)	0	37	(27)	(46)	(26)	0	(1,500)	4	(4,385)		(4,385)
11. Solar Water Heating Program	0	0	0	0	0	0	0	0	0	0	0		0
12. Solar Photovoltaic Program	0	0	0	0	0	0	0	0	0	0	0		0
13. Electric Conservation Demonstration and Development	(700)	(500)	0	(10,270)	13	(38)	17	0	0	14	(11,465)		(11,465)
14. Commercial Reflective Roof	144	(1,693)	0	37	51	15	118	0	(1,500)	24	(2,806)		(2,806)
15. Commercial Energy Consultant	(5,562)	(2,500)	0	(17)	(425)	(112)	(183)	0	0	21	(8,778)		(8,778)
16.											0		0
17.											0		0
18.											0		0
19.											0		0
20.											0		0
21.											0		0
22.											0		0
TOTAL ALL PROGRAMS	21,286	(16,959)	86,403	(7,102)	6,400	(1,178)	12,710	0	(11,241)	4,047	94,367	0	94,367

EXHIBIT NO. _____
DOCKET NO. 20200002-EG
FLORIDA PUBLIC UTILITIES COMPANY
(CDY-1)
PAGE 4 OF 18

ENERGY CONSERVATION ADJUSTMENT CALCULATION OF TRUE-UP AND INTEREST PROVISION
SUMMARY OF EXPENSES BY PROGRAM BY MONTH

FOR MONTHS January-19 THROUGH December-19

A. CONSERVATION EXPENSE BY PROGRAM		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
1.	Common	37,821	25,062	54,484	57,801	83,495	62,287	78,526	64,921	43,253	57,080	41,250	84,227	690,207
2.	Residential Energy Survey	5,425	7,496	5,515	5,386	3,544	6,183	11,422	7,145	6,969	9,475	7,023	6,802	82,384
3.	Loan Program (discontinued but remains open)	-	-	-	-	-	-	-	-	-	-	-	-	0
4.	Commercial Energy Survey	-	-	-	-	-	-	-	-	-	-	-	-	0
5.	Low Income Education	-	-	4	9	20	12	15	16	10	11	1,876	663	2,637
6.	Commercial Heating & Cooling Upgrade	37	407	248	173	205	242	1,431	155	807	140	188	460	4,493
7.	Residential Heating & Cooling Upgrade	1,630	16,832	(12,066)	5,029	2,044	594	4,763	1,985	4,343	2,097	841	1,805	29,896
8.	Commercial Indoor Efficient Lighting Rebate	-	-	-	-	-	-	-	-	-	-	-	-	0
9.	Commercial Window Film Installation Program	-	-	-	-	-	-	-	-	-	-	-	-	0
10.	Commercial Chiller Upgrade Program	37	407	251	182	226	254	1,447	170	817	151	201	230	4,372
11.	Solar Water Heating Program	-	-	-	-	-	-	-	-	-	-	-	-	0
12.	Solar Photovoltaic Program	-	-	-	-	-	-	-	-	-	-	-	-	0
13.	Electric Conservation Demonstration and Developmen	-	-	7,741	103	18,657	136	170	8,402	112	118	135	249	35,821
14.	Commercial Reflective Roof	4,186	407	251	182	361	254	1,446	170	1,321	151	539	568	9,836
15.	Commercial Energy Consultant	456	83	54	88	2,168	674	1,137	291	295	741	73	136	6,196
16.														0
17.														0
18.														0
19.														0
20.														0
21.														0
22.														0
21.	TOTAL ALL PROGRAMS	49,591	50,695	56,481	68,952	110,721	70,635	100,357	83,254	57,927	69,963	52,125	95,140	865,843
22.	LESS AMOUNT INCLUDED IN RATE BASE													
23.	RECOVERABLE CONSERVATION EXPENSES	49,591	50,695	56,481	68,952	110,721	70,635	100,357	83,254	57,927	69,963	52,125	95,140	865,843

CALCULATION OF TRUE-UP AND INTEREST PROVISION

FOR MONTHS January-19 THROUGH December-19

B. CONSERVATION REVENUES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
1. RESIDENTIAL CONSERVATION	(49,370)	(46,211)	(34,913)	(41,830)	(47,700)	(61,811)	(62,254)	(63,768)	(58,740)	(58,440)	(47,230)	(43,035)	(615,303)
2. CONSERVATION ADJ. REVENUES													0
3. TOTAL REVENUES	(49,370)	(46,211)	(34,913)	(41,830)	(47,700)	(61,811)	(62,254)	(63,768)	(58,740)	(58,440)	(47,230)	(43,035)	(615,303)
4. PRIOR PERIOD TRUE-UP ADJ. NOT APPLICABLE TO THIS PERIOD	(4,303)	(4,303)	(4,303)	(4,303)	(4,303)	(4,303)	(4,303)	(4,303)	(4,303)	(4,303)	(4,303)	(4,300)	(51,633)
5. CONSERVATION REVENUE APPLICABLE	(53,673)	(50,514)	(39,216)	(46,133)	(52,003)	(66,114)	(66,557)	(68,071)	(63,043)	(62,743)	(51,533)	(47,335)	(666,935)
6. CONSERVATION EXPENSES (FROM CT-3, PAGE 1, LINE 23)	49,591	50,695	56,481	68,952	110,721	70,635	100,357	83,254	57,927	69,963	52,125	95,140	865,843
7. TRUE-UP THIS PERIOD (LINE 5 - 6)	(4,082)	181	17,265	22,819	58,718	4,521	33,800	15,183	(5,115)	7,220	592	47,805	198,907
8. INTEREST PROVISION THIS PERIOD (FROM CT-3, PAGE 3, LINE 10)	(106)	(99)	(73)	(24)	66	135	173	214	218	207	198	232	1,141
9. TRUE-UP AND INTEREST PROVISION BEGINNING OF MONTH	(51,633)	(51,518)	(47,133)	(25,638)	1,460	64,547	73,506	111,783	131,483	130,888	142,619	147,712	(51,633)
9A. DEFERRED TRUE-UP BEGINNING OF PERIOD													
10. PRIOR TRUE-UP COLLECTED (REFUNDED)	4,303	4,303	4,303	4,303	4,303	4,303	4,303	4,303	4,303	4,303	4,303	4,300	51,633
11. TOTAL NET TRUE-UP (LINES 7+8+9+9A+10)	(51,518)	(47,133)	(25,638)	1,460	64,547	73,506	111,783	131,483	130,888	142,619	147,712	200,048	200,048

COMPANY: FLORIDA PUBLIC UTILITIES - CONSOLIDATED ELECTRIC

SCHEDULE CT-3
PAGE 3 OF 3

CALCULATION OF TRUE-UP AND INTEREST PROVISION

FOR MONTHS January-19 THROUGH December-19

C.	INTEREST PROVISION	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
1.	BEGINNING TRUE-UP (LINE B-9)	(51,633)	(51,518)	(47,133)	(25,638)	1,460	64,547	73,506	111,783	131,483	130,888	142,619	147,712	(51,633)
2.	ENDING TRUE-UP BEFORE INTEREST (LINES B7+B9+B9A+B10)	(51,412)	(47,034)	(25,565)	1,484	64,481	73,371	111,610	131,269	130,670	142,412	147,514	199,816	198,907
3.	TOTAL BEG. AND ENDING TRUE-UP	(103,044)	(98,552)	(72,698)	(24,154)	65,942	137,919	185,116	243,051	262,153	273,300	290,132	347,528	147,275
4.	AVERAGE TRUE-UP (LINE C-3 X 50%)	(51,522)	(49,276)	(36,349)	(12,077)	32,971	68,959	92,558	121,526	131,077	136,650	145,066	173,764	73,637
5.	INTEREST RATE - FIRST DAY OF REPORTING BUSINESS MONTH	2.50%	2.42%	2.42%	2.43%	2.42%	2.42%	2.28%	2.21%	2.02%	1.98%	1.66%	1.61%	
6.	INTEREST RATE - FIRST DAY OF SUBSEQUENT BUSINESS MONTH	2.42%	2.42%	2.43%	2.42%	2.42%	2.28%	2.21%	2.02%	1.98%	1.66%	1.61%	1.59%	
7.	TOTAL (LINE C-5 + C-6)	4.92%	4.84%	4.85%	4.85%	4.84%	4.70%	4.49%	4.23%	4.00%	3.64%	3.27%	3.20%	
8.	AVG. INTEREST RATE (C-7 X 50%)	2.46%	2.42%	2.43%	2.43%	2.42%	2.35%	2.25%	2.12%	2.00%	1.82%	1.64%	1.60%	
9.	MONTHLY AVERAGE INTEREST RATE	0.205%	0.202%	0.202%	0.202%	0.202%	0.196%	0.187%	0.176%	0.167%	0.152%	0.136%	0.133%	
10.	INTEREST PROVISION (LINE C-4 X C-9)	(106)	(99)	(73)	(24)	66	135	173	214	218	207	198	232	1,141

EXHIBIT NO. _____
DOCKET NO. 2020002-EG
FLORIDA PUBLIC UTILITIES COMPANY
(CDY-1)
PAGE 7 OF 18

COMPANY: FLORIDA PUBLIC UTILITIES - CONSOLIDATED ELECTRIC

SCHEDULE CT-4
PAGE 1 OF 1

SCHEDULE OF CAPITAL INVESTMENT, DEPRECIATION & RETURN

FOR MONTHS January-19 THROUGH December-19

PROGRAM NAME:	BEGINNING OF PERIOD	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
1. INVESTMENT														
2. DEPRECIATION BASE														
3. DEPRECIATION EXPENSE														
4. CUMULATIVE INVESTMENT														
5. LESS: ACCUMULATED DEPRECIATION														
6. NET INVESTMENT														
7. AVERAGE INVESTMENT														
8. RETURN ON AVERAGE INVESTMENT														
9. RETURN REQUIREMENTS														
10. TOTAL DEPRECIATION AND RETURN														NONE

EXHIBIT NO. _____
DOCKET NO. 20200002-EG
FLORIDA PUBLIC UTILITIES COMPANY
(CDY-1)
PAGE 8 OF 18

COMPANY: FLORIDA PUBLIC UTILITIES - CONSOLIDATED ELECTRIC

SCHEDULE CT-5
PAGE 1 OF 1

RECONCILIATION AND EXPLANATION OF
DIFFERENCES BETWEEN FILING AND PSC AUDIT

FOR MONTHS January-19 THROUGH December-19

AUDIT EXCEPTION: TO OUR KNOWLEDGE, NONE EXIST

COMPANY RESPONSE:

EXHIBIT NO. _____
DOCKET NO. 20200002-EG
FLORIDA PUBLIC UTILITIES COMPANY
(CDY-1)
PAGE 9 OF 18

1. Residential Energy Survey Program
2. Educational/Low Income Program
3. Commercial Heating & Cooling Upgrade Program
4. Residential Heating & Cooling Upgrade Program
5. Commercial Chiller Upgrade Program
6. Conservation Demonstration and Development Program
7. Commercial Reflective Roof Program
8. Commercial Energy Consultation Program

PROGRAM TITLE: Residential Energy Survey Program

PROGRAM DESCRIPTION: The Residential Energy Survey Program is provided at no cost to the customer and provides participating customers with information they need to determine which energy saving measures are best suited to their individual needs and requirements. The objective of this type of survey is to provide Florida Public Utilities Company's residential customers with energy conservation advice that encourages the implementation of efficiency measures resulting in energy savings for the customer. These measures, once implemented, also lower Florida Public Utilities Company's energy requirements and improve operating efficiencies. Florida Public Utilities Company views this program as a way of promoting the installation of cost-effective conservation measures. During the survey process, the customer is provided with specific whole-house recommendations.

PROGRAM ACCOMPLISHMENTS: This year a total of 123 residential energy surveys were performed.

PROGRAM FISCAL EXPENDITURES: The expenditures for the reporting period of January 1, 2019 through December 31, 2019 were **\$82,384**.

PROGRAM PROGRESS SUMMARY: We feel confident that through our efforts to promote this program through print, radio, television, events and social media we will continue to provide valuable advice to our customers on the topics of energy conservation and energy efficiency measures and practices.

PROGRAM TITLE: Educational/Low Income Program

PROGRAM DESCRIPTION: Florida Public Utilities Company presently has energy education programs that identify low-cost and no-cost energy conservation measures. To better assist low-income customers in managing their energy purchases, the presentations and formats of these energy education programs are tailored to the audience. These programs provide basic energy education, as well as inform the customers of other specific services, such as the free energy surveys that Florida Public Utilities Company currently offers.

PROGRAM ACCOMPLISHMENTS: Even though there are no goals for this program we continue to work through various agencies to provide home energy surveys and education to low income customers as well as evaluating homes for local agencies for possible energy efficiency improvements. We completed two low income presentations this year.

PROGRAM FISCAL EXPENDITURES: The expenditures for the reporting period of January 1, 2019 through December 31, 2019 were **\$2,637**.

PROGRAM PROGRESS SUMMARY: The Company continues to promote the opportunity to educate low-income customers on the benefits of an energy efficient home and anticipates increased participation in this program in 2019.

PROGRAM TITLE: Commercial Heating & Cooling Efficiency Upgrade Program

PROGRAM DESCRIPTION: The Commercial Heating & Cooling Efficiency Upgrade Program is directed at reducing the rate of growth in peak demand as well as reducing energy consumption throughout Florida Public Utilities Company's commercial sector. The program will do this by increasing the saturation of high-efficiency heat pumps and central air conditioning systems.

PROGRAM ACCOMPLISHMENTS: For the reporting period, 0 customers participated in the Commercial Heating & Cooling Efficiency Upgrade Program.

PROGRAM FISCAL EXPENDITURES: The expenditures for the reporting period of January 1, 2019 through December 31, 2019 were **\$4,493**.

PROGRAM PROGRESS SUMMARY: Even though there was low participation in this program, we will continue our efforts to promote this program to our commercial customers.

PROGRAM TITLE: Residential Heating & Cooling Efficiency Upgrade Program

PROGRAM DESCRIPTION: The Residential Heating & Cooling Efficiency Upgrade Program is directed at reducing the rate of growth in peak demand and energy throughout Florida Public Utilities Company's electricity service territories. The program will do this by increasing the saturation of high-efficiency heat pumps and central air-conditioning systems.

PROGRAM ACCOMPLISHMENTS: For the reporting period, 101 customers participated in the residential heating and cooling efficiency upgrade program.

PROGRAM FISCAL EXPENDITURES: The expenditures for the reporting period of January 1, 2019 through December 31, 2019 were **\$29,896**.

PROGRAM PROGRESS SUMMARY: This program has continued to be successful over the years and we are optimistic that our residential customers will continue to find value in this program.

PROGRAM TITLE: Commercial Chiller Upgrade Program

PROGRAM DESCRIPTION: The Commercial Chiller Upgrade Program is directed at reducing the rate of growth in peak demand and energy throughout Florida Public Utilities Company's commercial sector. To serve this purpose, this program requires that commercial customers replace existing chillers with a more efficient system. By doing so, they will qualify for an incentive of up to \$100 per kW of additional savings above the minimum efficiency levels.

PROGRAM ACCOMPLISHMENTS: For the reporting period, 0 customer participated in the Commercial Chiller Upgrade Program.

PROGRAM FISCAL EXPENDITURES: The expenditures for the reporting period of January 1, 2019 through December 31, 2019 were **\$4,372**.

PROGRAM PROGRESS SUMMARY: The Company continues to work with commercial customers to promote this program and is optimistic that our customers will continue to find value in this program.

PROGRAM TITLE: Conservation Demonstration and Development Program

PROGRAM DESCRIPTION: The primary purpose of the Conservation Demonstration and Development (CDD) program is to pursue research, development, and demonstration projects that are designed to promote energy efficiency and conservation. This program will supplement and complement the other demand-side management programs offered by Florida Public Utilities Company. The CDD program is meant to be an umbrella program for the identification, development, demonstration, and evaluation of promising new end-use technologies. The CDD program does not focus on any specific end-use technology but, instead, will address a wide variety of energy applications.

PROGRAM ACCOMPLISHMENTS: In 2019, the Company installed 2 battery storage system to improve customer's electric system reliability and resiliency.

PROGRAM FISCAL EXPENDITURES: The expenditures for the reporting period of January 1, 2019 through December 31, 2019 were **\$35,821**.

PROGRAM PROGRESS SUMMARY: The Company continues to pursue research, demonstration and development projects, under this program, to promote energy efficiency and conservation.

PROGRAM TITLE: Commercial Reflective Roof Program

PROGRAM DESCRIPTION: The Commercial Reflective Roof Program is directed at reducing demand and energy throughout FPUC's commercial sector through the installation of cool roofs. The program allows non-residential customers installing cool roofs to obtain rebates of \$0.075 per sq.ft. for new roofs on new or existing facilities and \$0.325 per sq.ft. for roofs converting to a cool roof. To be eligible for the rebates, the roofing material must be Energy Star certified. The program is focused on getting contractors in FPUC's service territory to promote the cool roofs.

PROGRAM ACCOMPLISHMENTS: For the reporting period, there were 11 participants in this program.

PROGRAM FISCAL EXPENDITURES: The expenditures for the reporting period of January 1, 2019 through December 31, 2019 were **\$9,836**.

PROGRAM PROGRESS SUMMARY: The Company continues to work with commercial customers to promote this program and is optimistic that our customers will continue to find value in this program.

PROGRAM TITLE: Commercial Energy Consultation Program

PROGRAM DESCRIPTION: The FPUC Commercial Energy Consultation Program is designed to directly communicate the availability of the commercial Demand Side Management (DSM) programs to commercial customers. This program allows FPUC energy conservation representatives to conduct commercial site visits to educate customers about FPUC's commercial DSM programs, assess the potential for applicable DSM programs, conduct an electric bill review, offer commercial energy savings suggestions and inform the customer about FPUC's commercial online energy efficient resources and tools.

PROGRAM ACCOMPLISHMENTS: For the reporting period, there were 19 participants in this program.

PROGRAM FISCAL EXPENDITURES: The expenditures for the reporting period of January 1, 2019 through December 31, 2019 were **\$6,196**.

PROGRAM PROGRESS SUMMARY: Even though there is no particular goal for this program, we believe that this will continue to be a valuable program for our commercial customers.

ENERGY CONSERVATION ADJUSTMENT
SUMMARY OF COST RECOVERY CLAUSE CALCULATION

FOR MONTHS January-21 THROUGH December-21

1.	TOTAL INCREMENTAL COSTS (SCHEDULE C-2,PAGE 1, LINE 33)	<u>735,000</u>
2.	TRUE-UP (SCHEDULE C-3,PAGE 4,LINE 11)	<u>224,441</u>
3.	TOTAL (LINE 1 AND LINE 2)	<u>959,441</u>
4.	RETAIL KWH SALES	<u>642,308,108</u>
5.	COST PER KWH	<u>0.00149374</u>
6.	REVENUE TAX MULTIPLIER *	<u>1.00072</u>
7.	ADJUSTMENT FACTOR ADJUSTED FOR TAXES (LINE 5 X LINE 6)	<u>0.00149500</u>
8.	CONSERVATION ADJUSTMENT FACTOR- (ROUNDED TO THE NEAREST .001 CENTS PER KWH)	<u>0.150</u>

EXHIBIT NO. _____
DOCKET NO. 20200002-EG
FLORIDA PUBLIC UTILITIES COMPANY
(GSR-1)
PAGE 1 OF 20

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20200002-EG EXHIBIT: 13
PARTY: GSR-1
DESCRIPTION: Schedules C-1, C-2, C-3,
C-4, and C-5

COMPANY: FLORIDA PUBLIC UTILITIES COMPANY - CONSOLIDATED ELECTRIC DIVISION

SCHEDULE C-2
PAGE 1 OF 3

ESTIMATED CONSERVATION PROGRAM COSTS

FOR MONTHS January-21 THROUGH December-21

A.	ESTIMATED EXPENSE BY PROGRAM	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
1	Common	40,750	40,750	40,750	40,750	40,750	40,750	40,750	40,750	40,750	40,750	40,750	40,750	489,000
2	Residential Energy Survey Program	8,125	8,125	8,125	8,125	8,125	8,125	8,125	8,125	8,125	8,125	8,125	8,125	97,500
3	Commercial Energy Survey	0	0	0	0	0	0	0	0	0	0	0	0	0
4	Low Income Program	508	508	508	508	508	508	508	508	508	508	508	508	6,100
5	Commercial Heating & Cooling Upgrade	650	650	650	650	650	650	650	650	650	650	650	650	7,800
6	Residential Heating & Cooling Upgrade	4,192	4,192	4,192	4,192	4,192	4,192	4,192	4,192	4,192	4,192	4,192	4,192	50,300
7	Commercial Indoor Efficient Lighting Rebate	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Commercial Window Film Installation Program	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Commercial Chiller Upgrade Program	650	650	650	650	650	650	650	650	650	650	650	650	7,800
10	Solar Water Heating Program	0	0	0	0	0	0	0	0	0	0	0	0	0
11	Solar Photovoltaic Program	0	0	0	0	0	0	0	0	0	0	0	0	0
12	Demonstration and Development	4,404	4,404	4,404	4,404	4,404	4,404	4,404	4,404	4,404	4,404	4,404	4,404	52,850
13	Affordable Housing Builders and Providers	0	0	0	0	0	0	0	0	0	0	0	0	0
14	Commercial Reflective Roof Program	1,279	1,279	1,279	1,279	1,279	1,279	1,279	1,279	1,279	1,279	1,279	1,279	15,350
15	Commercial Energy Consultation	692	692	692	692	692	692	692	692	692	692	692	692	8,300
16														
17														
18	TOTAL ALL PROGRAMS	61,249	61,249	61,249	61,249	61,250	61,250	61,250	61,250	61,250	61,250	61,250	61,250	735,000
19														
20	LESS AMOUNT INCLUDED													
21	IN RATE BASE													
22														
23	RECOVERABLE CONSERVATION													
24	EXPENSES	61,249	61,249	61,249	61,249	61,250	61,250	61,250	61,250	61,250	61,250	61,250	61,250	735,000

EXHIBIT NO. _____
DOCKET NO. 20200002-EG
FLORIDA PUBLIC UTILITIES COMPANY
(GSR-1)
PAGE 2 OF 20

ESTIMATED CONSERVATION PROGRAM COSTS PER PROGRAM

FOR MONTHS January-21 THROUGH December-21

PROGRAM NAME	LABOR & PAYROLL	ADVERTISING	LEGAL	OUTSIDE SERVICES	VEHICLE COST	MATERIALS & SUPPLIES	TRAVEL	GENERAL & ADMIN.	INCENTIVES	OTHER	SUB TOTAL	PROGRAM REVENUES	TOTAL
1 Common	324,000	35,000	50,000	0	20,000	5,000	40,000	0	0	15,000	489,000	0	489,000
2 Residential Energy Survey Program	40,000	6,000	0	40,000	3,500	1,500	5,000	0	0	1,500	97,500	0	97,500
3 Commercial Energy Survey	0	0	0	0	0	0	0	0	0	0	0	0	0
4 Low Income Program	1,000	4,500	0	0	0	500	100	0	0	0	6,100	0	6,100
5 Commercial Heating & Cooling Upgrade	500	5,000	0	500	100	100	100	0	1,500	0	7,800	0	7,800
6 Residential Heating & Cooling Upgrade	1,500	15,000	0	500	100	100	3,000	0	30,000	100	50,300	0	50,300
7 Commercial Indoor Efficient Lighting Rebate	0	0	0	0	0	0	0	0	0	0	0	0	0
8 Commercial Window Film Installation Program	0	0	0	0	0	0	0	0	0	0	0	0	0
9 Commercial Chiller Upgrade Program	500	4,000	0	0	100	100	100	0	3,000	0	7,800	0	7,800
10 Solar Water Heating Program	0	0	0	0	0	0	0	0	0	0	0	0	0
11 Solar Photovoltaic Program	0	0	0	0	0	0	0	0	0	0	0	0	0
12 Demonstration and Development	1,000	1,500	0	50,000	100	100	150	0	0	0	52,850	0	52,850
13 Affordable Housing Builders and Providers	0	0	0	0	0	0	0	0	0	0	0	0	0
14 Commercial Reflective Roof Program	1,000	6,000	0	500	200	0	100	0	7,500	50	15,350	0	15,350
15 Commercial Energy Consultation	4,500	2,000	0	500	500	250	500	0	0	50	8,300	0	8,300
16													
17													
18													
19 TOTAL ALL PROGRAMS	374,000	79,000	50,000	92,000	24,600	7,650	49,050	0	42,000	16,700	735,000	0	735,000
20 LESS: BASE RATE													
21 RECOVERY													
22													
23 NET PROGRAM COSTS	374,000	79,000	50,000	92,000	24,600	7,650	49,050	0	42,000	16,700	735,000	0	735,000

COMPANY: FLORIDA PUBLIC UTILITIES COMPANY - CONSOLIDATED ELECTRIC DIVISION

SCHEDULE C-2
PAGE 3 OF 3

SCHEDULE OF CAPITAL INVESTMENT, DEPRECIATION & RETURN

ESTIMATED FOR MONTHS January-21 THROUGH December-21

PROGRAM NAME:

	BEGINNING OF PERIOD	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
1. INVESTMENT	NONE													
2. DEPRECIATION BASE														
3. DEPRECIATION EXPENSE														
4. CUMULATIVE INVESTMENT														
5. LESS: ACCUMULATED DEPRECIATION														
6. NET INVESTMENT														
7. AVERAGE NET INVESTMENT														
8. RETURN ON AVERAGE INVESTMENT														
9. EXPANSION FACTOR														
10. RETURN REQUIREMENTS														
11. TOTAL DEPRECIATION EXPENSE AND RETURN REQUIREMENT														NONE

EXHIBIT NO. _____
DOCKET NO. 20200002-EG
FLORIDA PUBLIC UTILITIES COMPANY
(GSR-1)
PAGE 4 OF 20

COMPANY: FLORIDA PUBLIC UTILITIES COMPANY - CONSOLIDATED ELECTRIC DIVISION
 CONSERVATION PROGRAM COSTS

SCHEDULE C-3
 PAGE 1 OF 5

PROGRAM NAME	ACTUAL FOR MONTHS	January-20	THROUGH	June-20								SUB TOTAL	PROGRAM REVENUES	TOTAL		
	ESTIMATED FOR MONTHS	July-20	THROUGH	December-20	LABOR & PAYROLL	ADVERTISING	LEGAL	OUTSIDE SERVICES	VEHICLE COST	MATERIALS & SUPPLIES	TRAVEL				GENERAL & ADMIN.	INCENTIVES
1. Common																
A. ACTUAL		185,059	5,773	29,868	157,705	8,591	2,553	8,108	0	0	6,706	404,363	0	404,363		
B. ESTIMATED		144,000	27,500	15,000	25,000	7,500	2,500	20,000	0	0	4,000	245,500	0	245,500		
C. TOTAL		329,059	33,273	44,868	182,705	16,091	5,053	28,108	0	0	10,706	649,863	0	649,863		
2. Residential Energy Survey Program																
A. ACTUAL		7,495	1,862	0	7,560	593	113	1,153	0	0	718	19,494	0	19,494		
B. ESTIMATED		25,000	4,000	0	8,500	1,750	750	2,500	0	0	250	42,750	0	42,750		
C. TOTAL		32,495	5,862	0	16,060	2,343	863	3,653	0	0	968	62,244	0	62,244		
3. Commercial Energy Survey																
A. ACTUAL		0	0	0	0	0	0	0	0	0	0	0	0	0		
B. ESTIMATED		0	0	0	0	0	0	0	0	0	0	0	0	0		
C. TOTAL		0	0	0	0	0	0	0	0	0	0	0	0	0		
4. Low Income Program																
A. ACTUAL		0	862	0	0	0	0	0	0	0	0	862	0	862		
B. ESTIMATED		500	2,250	0	0	0	250	50	0	0	0	3,050	0	3,050		
C. TOTAL		500	3,112	0	0	0	250	50	0	0	0	3,912	0	3,912		
5. Commercial Heating & Cooling Upgrade																
A. ACTUAL		0	1,375	0	0	0	0	0	0	0	0	1,375	0	1,375		
B. ESTIMATED		250	12,500	0	250	50	50	50	0	750	0	13,900	0	13,900		
C. TOTAL		250	13,875	0	250	50	50	50	0	750	0	15,275	0	15,275		
6. Residential Heating & Cooling Upgrade																
A. ACTUAL		0	4,791	0	0	0	0	0	0	6,766	0	11,557	0	11,557		
B. ESTIMATED		1,000	12,500	0	250	50	50	1,500	0	15,000	50	30,400	0	30,400		
C. TOTAL		1,000	17,291	0	250	50	50	1,500	0	21,766	50	41,957	0	41,957		
7. Commercial Indoor Efficient Lighting Rebate																
A. ACTUAL		0	0	0	0	0	0	0	0	0	0	0	0	0		
B. ESTIMATED		0	0	0	0	0	0	0	0	0	0	0	0	0		
C. TOTAL		0	0	0	0	0	0	0	0	0	0	0	0	0		
SUB-TOTAL ACTUAL		192,554	14,663	29,868	165,265	9,184	2,666	9,261	0	6,766	7,424	437,651	0	437,651		
SUB-TOTAL ESTIMATED		170,750	58,750	15,000	34,000	9,350	3,600	24,100	0	15,750	4,300	335,600	0	335,600		
LESS: PRIOR YEAR AUDIT ADJ.																
ACTUAL												0	0	0		
ESTIMATED																
TOTAL																
NET PROGRAM COSTS																

SEE PAGE 1A

EXHIBIT NO. _____
 DOCKET NO. 20200002-EG
 FLORIDA PUBLIC UTILITIES COMPANY
 (GSR-1)
 PAGE 5 OF 20

COMPANY: FLORIDA PUBLIC UTILITIES COMPANY - CONSOLIDATED ELECTRIC DIVISION
 CONSERVATION PROGRAM COSTS

SCHEDULE C-3
 PAGE 1A OF 5

PROGRAM NAME	ACTUAL FOR MONTHS	January-20	THROUGH	June-20								SUB	PROGRAM	TOTAL			
	ESTIMATED FOR MONTHS	July-20	THROUGH	December-20	LABOR & PAYROLL	ADVERTISING	LEGAL	OUTSIDE SERVICES	VEHICLE COST	MATERIALS & SUPPLIES	TRAVEL				GENERAL & ADMIN.	INCENTIVES	OTHER
8. Commercial Window Film Installation Program																	
A. ACTUAL		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B. ESTIMATED		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C. TOTAL		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9. Commercial Chiller Upgrade Program																	
A. ACTUAL		0	1,375	0	0	0	0	0	0	0	0	0	0	0	1,375	0	1,375
B. ESTIMATED		250	2,000	0	0	50	50	50	0	1,500	0	0	0	0	3,900	0	3,900
C. TOTAL		250	3,375	0	0	50	50	50	0	1,500	0	0	0	0	5,275	0	5,275
10. Solar Water Heating Program																	
A. ACTUAL		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B. ESTIMATED		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C. TOTAL		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11. Solar Photovoltaic Program																	
A. ACTUAL		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B. ESTIMATED		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C. TOTAL		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12. Demonstration and Development																	
A. ACTUAL		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B. ESTIMATED		1,500	500	0	20,325	50	50	75	0	0	0	0	0	0	22,500	0	22,500
C. TOTAL		1,500	500	0	20,325	50	50	75	0	0	0	0	0	0	22,500	0	22,500
13. Affordable Housing Builders and Providers																	
A. ACTUAL		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B. ESTIMATED		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C. TOTAL		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14. Commercial Reflective Roof Program																	
A. ACTUAL		0	2,945	0	307	0	0	0	0	0	0	0	0	0	3,252	0	3,252
B. ESTIMATED		500	2,500	0	250	100	0	50	0	3,925	25	0	0	0	7,350	0	7,350
C. TOTAL		500	5,445	0	557	100	0	50	0	3,925	25	0	0	0	10,602	0	10,602
15. Commercial Energy Consultation																	
A. ACTUAL		1,562	0	0	0	131	14	229	0	0	201	0	0	2,137	0	2,137	
B. ESTIMATED		3,750	1,000	0	250	250	125	250	0	0	25	0	0	5,650	0	5,650	
C. TOTAL		5,312	1,000	0	250	381	139	479	0	0	226	0	0	7,787	0	7,787	
TOTAL ACTUAL		194,116	18,983	29,868	165,572	9,315	2,680	9,490	0	6,766	7,625	0	0	444,415	0	444,415	
TOTAL ESTIMATED		176,750	64,750	15,000	54,825	9,800	3,825	24,525	0	21,175	4,350	0	0	375,000	0	375,000	
LESS: PRIOR YEAR AUDIT ADJ.																	
ACTUAL														0			0
ESTIMATED																	
TOTAL																	
NET PROGRAM COSTS		370,866	83,733	44,868	220,397	19,115	6,505	34,015	0	27,941	11,975	0	0	819,415	0	819,415	

COMPANY: FLORIDA PUBLIC UTILITIES COMPANY - CONSOLIDATED ELECTRIC DIVISION
 SCHEDULE OF CAPITAL INVESTMENT, DEPRECIATION AND RETURN

SCHEDULE C-3
 PAGE 2 OF 5

ACTUAL FOR MONTHS January-20 THROUGH June-20
 ESTIMATED FOR MONTHS July-20 THROUGH December-20

	BEGINNING OF PERIOD	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
1. INVESTMENT	NONE													
2. DEPRECIATION BASE														
3. DEPRECIATION EXPENSE														
4. CUMULATIVE INVESTMENT														
5. LESS: ACCUMULATED DEPRECIATION														
6. NET INVESTMENT														
7. AVERAGE NET INVESTMENT														
8. RETURN ON AVERAGE INVESTMENT														
9. EXPANSION FACTOR														
10. RETURN REQUIREMENTS														
11. TOTAL DEPRECIATION EXPENSE AND RETURN REQUIREMENT														NONE

EXHIBIT NO. _____
 DOCKET NO. 20200002-EG
 FLORIDA PUBLIC UTILITIES COMPANY
 (GSR-1)
 PAGE 7 OF 20

COMPANY: FLORIDA PUBLIC UTILITIES COMPANY - CONSOLIDATED ELECTRIC DIVISION
 CONSERVATION PROGRAM COSTS

SCHEDULE C-3
 PAGE 3 OF 5

ACTUAL FOR MONTHS January-20 THROUGH June-20
 ESTIMATED FOR MONTHS July-20 THROUGH December-20

A.	ESTIMATED EXPENSE BY PROGRAM	ACTUAL						TOTAL ACTUAL	ESTIMATED						TOTAL ESTIMATED	GRAND TOTAL
		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE		JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER		
1	CV610 Common	56,503	103,565	65,426	36,425	84,527	57,918	404,364	40,917	40,917	40,917	40,917	40,917	40,917	245,500	649,864
2	CV613 Residential Energy Survey Program	5,624	6,288	2,357	2,703	1,260	1,260	19,492	7,125	7,125	7,125	7,125	7,125	7,125	42,750	62,242
3	CV616 Commercial Energy Survey	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	CV617 Low Income Program	0	0	862	0	0	0	862	508	508	508	508	508	508	3,050	3,912
5	CV618 Commercial Heating & Cooling Upgrade	533	71	71	89	172	439	1,375	2,317	2,317	2,317	2,317	2,317	2,317	13,900	15,275
6	CV619 Residential Heating & Cooling Upgrade	680	5,240	2,219	927	549	1,942	11,557	5,067	5,067	5,067	5,067	5,067	5,067	30,400	41,957
7	CV621 Commercial Indoor Efficient Lighting Rebate	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	CV622 Commercial Window Film Installation Program	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	CV623 Commercial Chiller Upgrade Program	533	71	71	89	172	439	1,375	650	650	650	650	650	650	3,900	5,275
10	CV624 Solar Water Heating Program	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	CV625 Solar Photovoltaic Program	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	CV626 Demonstration and Development	0	0	0	0	0	0	0	3,750	3,750	3,750	3,750	3,750	3,750	22,500	22,500
13	CV627 Affordable Housing Builders and Providers	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	CV628 Commercial Reflective Roof Program	815	378	378	396	173	1,113	3,253	1,225	1,225	1,225	1,225	1,225	1,225	7,350	10,603
15	CV629 Commercial Energy Consultation	174	1,539	424	0	0	0	2,137	942	942	942	942	942	942	5,650	7,787
16								0							0	0
17	Prior period audit adj.							0							0	0
18								0							0	0
19																
20																
21	TOTAL ALL PROGRAMS	64,862	117,152	71,808	40,629	86,853	63,111	444,415	62,500	62,500	62,500	62,500	62,500	62,500	375,000	819,415
22																
23	LESS AMOUNT INCLUDED															
24	IN RATE BASE															
25																
26	RECOVERABLE CONSERVATION															
27	EXPENSES	64,862	117,152	71,808	40,629	86,853	63,111	444,415	62,500	62,500	62,500	62,500	62,500	62,500	375,000	819,415

EXHIBIT NO. _____
 DOCKET NO. 20200002-EG
 FLORIDA PUBLIC UTILITIES COMPANY
 (GSR-1)
 PAGE 8 OF 20

COMPANY: FLORIDA PUBLIC UTILITIES COMPANY - CONSOLIDATED ELECTRIC DIVISION
 ENERGY CONSERVATION ADJUSTMENT
 CALCULATION OF TRUE UP AND INTEREST PROVISION

SCHEDULE C-3
 PAGE 4 OF 5

	ACTUAL FOR MONTHS	January-20	THROUGH	June-20													
	ESTIMATED FOR MONTHS	July-20	THROUGH	December-20	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
B. CONSERVATION REVENUES																	
1. RCS AUDIT FEES																	
a.																	
b.																	
c.																	
2. CONSERVATION ADJ REVENUE (NET OF REVENUE TAXES)		(60,033)	(57,679)	(53,711)	(55,755)	(57,090)	(68,233)	(82,595)	(80,368)	(80,602)	(67,750)	(65,520)	(67,082)	(796,418)			
3. TOTAL REVENUES		(60,033)	(57,679)	(53,711)	(55,755)	(57,090)	(68,233)	(82,595)	(80,368)	(80,602)	(67,750)	(65,520)	(67,082)	(796,418)			
4. PRIOR PERIOD TRUE-UP-ADJ NOT APPLICABLE TO PERIOD		16,671	16,671	16,671	16,671	16,671	16,671	16,671	16,671	16,671	16,671	16,671	16,671	16,667	200,048		
5. CONSERVATION REVENUES APPLICABLE TO PERIOD		(43,362)	(41,008)	(37,040)	(39,084)	(40,419)	(51,562)	(65,924)	(63,697)	(63,931)	(51,079)	(48,849)	(50,415)	(596,370)			
6. CONSERVATION EXPENSES (FORM C-3,PAGE 3)		64,862	117,152	71,808	40,629	86,853	63,111	62,500	62,500	62,500	62,500	62,500	62,500	62,500	819,415		
7. TRUE-UP THIS PERIOD		21,500	76,144	34,768	1,545	46,434	11,549	(3,424)	(1,197)	(1,431)	11,421	13,651	12,085	223,045			
8. INTEREST PROVISION THIS PERIOD (C-3,PAGE 5)		268	303	390	245	39	26	24	22	21	20	19	19	1,396			
9. TRUE-UP & INTEREST PROVISION		200,048	205,145	264,921	283,408	268,527	298,329	293,233	273,162	255,316	237,235	232,005	229,004	200,048			
10. PRIOR TRUE-UP REFUNDED (COLLECTED)		(16,671)	(16,671)	(16,671)	(16,671)	(16,671)	(16,671)	(16,671)	(16,671)	(16,671)	(16,671)	(16,671)	(16,671)	(200,048)			
11. END OF PERIOD TOTAL NET TRUE- UP (SUM OF LINES 7,8,9,10)		205,145	264,921	283,408	268,527	298,329	293,233	273,162	255,316	237,235	232,005	229,004	224,441	224,441			

EXHIBIT NO. _____
 DOCKET NO. 20200002-EG
 FLORIDA PUBLIC UTILITIES COMPANY
 (GSR-1)
 PAGE 9 OF 20

COMPANY: FLORIDA PUBLIC UTILITIES COMPANY - CONSOLIDATED ELECTRIC DIVISION
ENERGY CONSERVATION ADJUSTMENT
CALCULATION OF TRUE UP AND INTEREST PROVISION

SCHEDULE C-3
PAGE 5 OF 5

ACTUAL FOR MONTHS January-20 THROUGH June-20
ESTIMATED FOR MONTHS July-20 THROUGH December-20

	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
C. INTEREST PROVISION													
1. BEGINNING TRUE-UP (LINE B-9)	200,048	205,145	264,921	283,408	268,527	298,329	293,233	273,162	255,316	237,235	232,005	229,004	224,441
2. ENDING TRUE-UP BEFORE INTEREST (LINE B7+B9+B10)	204,877	264,618	283,018	268,282	298,290	293,207	273,138	255,294	237,214	231,985	228,985	224,422	223,045
3. TOTAL BEG. AND ENDING TRUE-UP	404,925	469,763	547,939	551,690	566,817	591,536	566,371	528,456	492,530	469,220	460,990	453,426	447,486
4. AVERAGE TRUE-UP (LINE C-3 X 50 %)	202,463	234,882	273,970	275,845	283,409	295,768	283,186	264,228	246,265	234,610	230,495	226,713	223,743
5. INTEREST RATE-FIRST DAY OF REPORTING BUSINESS MONTH	1.59%	1.59%	1.51%	1.91%	0.22%	0.11%	0.10%	0.10%	0.10%	0.10%	0.10%	0.10%	0.10%
6. INTEREST RATE-FIRST DAY OF SUBSEQUENT BUSINESS MONTH	1.59%	1.51%	1.91%	0.22%	0.11%	0.10%	0.10%	0.10%	0.10%	0.10%	0.10%	0.10%	0.10%
7. TOTAL (LINE C-5 + C-6)	3.18%	3.10%	3.42%	2.13%	0.33%	0.21%	0.20%	0.20%	0.20%	0.20%	0.20%	0.20%	0.20%
8. AVG INTEREST RATE (C-7 X 50%)	1.59%	1.55%	1.71%	1.07%	0.17%	0.11%	0.10%	0.10%	0.10%	0.10%	0.10%	0.10%	0.10%
9. MONTHLY AVERAGE INTEREST RATE	0.133%	0.129%	0.143%	0.089%	0.014%	0.009%	0.008%	0.008%	0.008%	0.008%	0.008%	0.008%	0.008%
10. INTEREST PROVISION (LINE C-4 X C-9)	268	303	390	245	39	26	24	22	21	20	19	19	1,396

EXHIBIT NO. _____
DOCKET NO. 20200002-EG
FLORIDA PUBLIC UTILITIES COMPANY
(GSR-1)
PAGE 10 OF 20

COMPANY: FLORIDA PUBLIC UTILITIES COMPANY - CONSOLIDATED ELECTRIC DIVISION
 CALCULATION OF CONSERVATION REVENUES

SCHEDULE C-4
 PAGE 1 OF 1

FOR THE PERIOD January-20 THROUGH December-21

MONTH	KWH/THERM SALES (000) (NET OF 3RD PARTY)	CONSERVATION ADJUSTMENT REVENUE (NET OF REVENUE TAXES)	RATE
2020 JANUARY	50,430	60,033	ACTUAL
FEBRUARY	50,331	57,679	ACTUAL
MARCH	40,566	53,711	ACTUAL
APRIL	42,456	55,755	ACTUAL
MAY	43,068	57,090	ACTUAL
JUNE	51,432	68,233	ACTUAL
JULY	62,443	82,595	0.132272
AUGUST	60,760	80,368	0.132271
SEPTEMBER	60,937	80,602	0.132271
OCTOBER	51,220	67,750	0.132273
NOVEMBER	49,534	65,520	0.132272
DECEMBER	50,715	67,082	0.132272
SUB-TOTAL	<u>613,893</u>	<u>796,418</u>	
2021 JANUARY	51,505	76,935	0.149374
FEBRUARY	50,470	75,390	0.149374
MARCH	40,498	60,493	0.149374
APRIL	43,348	64,751	0.149374
MAY	45,903	68,568	0.149374
JUNE	58,212	86,954	0.149374
JULY	60,965	91,066	0.149374
AUGUST	61,345	91,634	0.149374
SEPTEMBER	64,797	96,790	0.149374
OCTOBER	62,428	93,251	0.149374
NOVEMBER	50,445	75,352	0.149374
DECEMBER	52,391	78,258	0.149374
SUB-TOTAL	<u>642,308</u>	<u>959,442</u>	
TOTALS	<u>1,256,201</u>	<u>1,755,860</u>	

EXHIBIT NO. _____
 DOCKET NO. 20200002-EG
 FLORIDA PUBLIC UTILITIES COMPANY
 (GSR-1)
 PAGE 11 OF 20

Program

1. Residential Energy Survey Program
2. Commercial Heating and Cooling Upgrade Program
3. Residential Heating and Cooling Upgrade Program
4. Commercial Chiller Upgrade Program
5. Conservation Demonstration and Development Program
6. Low Income Energy Outreach Program
7. Commercial Reflective Roof Program
8. Commercial Energy Consultation Program

PROGRAM TITLE:

Residential Energy Survey Program

PROGRAM DESCRIPTION:

The objective of the Residential Energy Survey Program is to provide FPUC's residential customers with energy conservation advice that encourages the implementation of efficiency measures resulting in energy savings for the customer. These measures, once implemented, also lower FPUC's energy requirements and improve operating efficiencies. FPUC views this program as a way of promoting the installation of cost-effective conservation features. During the survey process, the customer is provided with specific whole-house recommendations and two LED bulbs.

PROGRAM PROJECTIONS:

For the twelve-month period of January 2021 to December 2021, the Company estimates that 150 residential surveys will be conducted. Fiscal expenditures for 2021 are projected to be \$97,500.00 For January 2021 through December 2021, the goal for the number of program participants is 100.

PROGRAM ACTIVITY AND EXPENDITURES:

From January 2020 through June 2020, 24 surveys were performed and actual expenditures were \$19,492. We estimate that another 26 surveys will be performed between July 2020 and December 2020. Projected program costs as filed for July 2020-December 2020 are \$42,750.

PROGRAM SUMMARY:

This program provides participating customers with the information needed to determine which energy saving measures are best suited to their individual needs and requirements. Due to the limitations of COVID-19 we are not sure we will be able to perform in home energy audits for the remainder of the year. We stopped going into homes in early March. We are conducting telephone audits and have an online do it yourself audit.

**FLORIDA PUBLIC UTILITIES COMPANY
CONSOLIDATED ELECTRIC DIVISION
PROGRAM DESCRIPTION AND SUMMARY**

**SCHEDULE C-5
PAGE 3 OF 9**

PROGRAM TITLE:

Commercial Heating and Cooling Upgrade Program

PROGRAM DESCRIPTION:

This program is directed at reducing the rate of growth in peak demand and energy throughout FPUC's commercial sector by providing rebates to small commercial customers (commercial establishments with a maximum of 5 ton units). The program will do this by increasing the saturation of high-efficiency heat pumps and air conditioners. The program requires that customer install a high-efficiency central air conditioning system or heat pump with a minimum 15 SEER.

PROGRAM PROJECTIONS:

For the twelve-month period of January to December 2021, the Company estimates that 5 Commercial Heating and Cooling allowances will be paid. Fiscal expenditures for 2021 are projected to be \$7,800.

PROGRAM ACTIVITY AND EXPENDITURES:

From January 2020 through June 2020, no Commercial Heating and Cooling allowances were paid and actual expenditures were \$1,375. We estimate that 5 Commercial Heating and Cooling allowances will be paid between July 2020 and December 2020. For July 2020 through December 2020 the projected expenses as filed are \$13,900. For January 2020 through December 2020, the goal for the number of program participants is 10.

PROGRAM SUMMARY:

This program provides an opportunity for FPUC commercial customers to install a more energy efficient heating and cooling system with the results being a decrease in energy consumption as well as a reduction in weather-sensitive peak demand for FPUC. We feel confident that by continuing to advertise the benefits of this program through our Energy Survey Program, bill inserts, promotional materials and social media platforms, we will see a higher participation level.

**EXHIBIT NO. _____
DOCKET NO. 20200002-EG
FLORIDA PUBLIC UTILITIES CO.
(GSR -1)
Page 14 of 20**

PROGRAM TITLE:

Residential Heating and Cooling Efficiency Upgrade Program

PROGRAM DESCRIPTION:

This program is directed at reducing the rate of growth in peak demand and energy throughout FPUC's electricity service territories. The program will do this by increasing the saturation of high-efficiency heat pumps and central air conditioning systems. The program requires that customer install a high-efficiency central air conditioning system or heat pump with a minimum 15 SEER. The Residential Heating & Cooling Efficiency Upgrade Program focuses in two areas. The first is to incent customers operating inefficient heat pumps and air conditioners to replace them with more efficient units. The program also incents customers with resistance heating to install a new heat pump. The second area of focus for the program is to incent customers that are replacing a heat pump or air conditioner that has reached the end of its life with a more efficient heat pump or air conditioner than is required by codes and standards. The incentive to install a more efficient heat pump or air conditioner also applies to heat pumps and air conditioners being installed in new construction.

PROGRAM PROJECTIONS:

For the twelve-month period of January to December 2021, the Company estimates that 120 Residential Heating and Cooling allowances will be paid. Fiscal expenditures for 2021 are projected to be \$50,300.

PROGRAM ACTIVITY AND EXPENDITURES:

From January 2020 through June 2020, 57 Residential Heating and Cooling allowances were paid and actual expenditures were \$11,557. We estimate that another 43 Residential Heating and Cooling allowances will be paid between July 2020 and December 2020. For July 2020 through December 2020 the projected expenses as filed are \$30,400.

PROGRAM SUMMARY:

This program provides an opportunity for FPUC customers' to install a more energy efficient heating and cooling system with the results being a decrease in energy consumption as well as a reduction in weather-sensitive peak demand for FPUC. We feel confident that by continuing to advertise the benefits of this program we will continue to see a high participation level.

PROGRAM TITLE:

Commercial Chiller Upgrade Program

PROGRAM DESCRIPTION:

The program is directed at reducing the rate of growth in peak demand and energy throughout FPUC's commercial/industrial sector. To serve this purpose, this program requires that commercial/industrial customers replace existing chillers with a more efficient system. By doing so, they will qualify for an incentive of up to \$175 per kW of additional savings above the minimum efficiency levels. The program covers water-cooled centrifugal chillers, water-cooled scroll or screw chillers, and air-cooled electric chillers. Minimum qualifications for efficiency exist for each of the chiller types based on size and are presented in the participation standards section of this program description.

PROGRAM PROJECTIONS:

For the twelve-month period of January to December 2021, the Company estimates that 2 Commercial Chiller Upgrades rebate will be paid. Fiscal expenditures for 2021 are projected to be \$7,800.

PROGRAM ACTIVITY AND EXPENDITURES:

From January 2020 through June 2020, no Commercial Chiller Upgrade allowances were paid and actual expenditures were \$1,375. We estimate that 1 Commercial Chiller Upgrade rebate will be paid between July 2020 and December 2020. For July 2020 through December 2020 the projected expenses as filed are \$3,900.

PROGRAM SUMMARY:

Interested customers will send project proposals to Florida Public Utilities Company and a representative will schedule an on-site visit for inspection prior to installation. After the project is completed, a Florida Public Utilities Company representative will conduct an on-site inspection. By following the guidelines, the customer will qualify for the rebate.

EXHIBIT NO. _____
DOCKET NO. 20200002-EG
FLORIDA PUBLIC UTILITIES CO.
(GSR-1)
Page 16 of 20

PROGRAM TITLE:

Conservation Demonstration and Development Program

PROGRAM DESCRIPTION:

The primary purpose of the Conservation Demonstration and Development (CDD) program is to pursue research, development, and demonstration projects that are designed to promote energy efficiency and conservation. This program will supplement and complement the other demand-side management programs offered by Florida Public Utilities Company. The CDD program is meant to be an umbrella program for the identification, development, demonstration, and evaluation of promising new end-use technologies. The CDD program does not focus on any specific end-use technology but, instead, will address a wide variety of energy applications.

PROGRAM PROJECTIONS:

For the twelve-month period of January to December 2021, the Company estimates that they will engage in at least 3 CDD projects approved in our new DSM plan. Fiscal expenditures for 2021 are projected to be \$52,850.

PROGRAM ACTIVITY AND EXPENDITURES:

From January 2020 through June 2020 actual expenditures were \$0. For July 2020 through December 2020 the projected expenses as filed are \$22,500.

PROGRAM SUMMARY:

Per the Company's 2015 Demand Side Management Plan (approved by ORDER NUMBER PSC-15-0326-PAA-EG), FPUC will notify the Florida Public Service Commission of any CDD project that exceeds \$15,000. FPU wishes to test the viability of using battery storage technology to improve customer's electric system reliability and resiliency (see Exhibit A). In addition, the pilot will test whether the technology can be used to lower FPU's power supply cost and test the viability of using storage batteries to integrate renewables into FPU's power purchase portfolio. Florida Public Utilities Company will limit the total CDD expenditures to a maximum of \$75,000 per year. Costs for CDD projects that meet the program's criteria for acceptance will be charged to Energy Conservation Cost Recovery account.

PROGRAM TITLE:

Low Income Program

PROGRAM DESCRIPTION:

The Low Income Energy Outreach Program is an educational program designed to enhance the effectiveness of existing weatherization programs for low-income households. FPUC's Low Income Energy Outreach Program partners with Department of Economic Opportunity approved Low Income Weatherization Program operators by offering Residential Energy Surveys scheduled by the Low Income Weatherization Program operators, weatherization contractor training, distributing energy efficiency educational literature to participants, and hosting energy conservation events customized for low income households.

PROGRAM PROJECTIONS:

For the twelve-month period of January to December 2021, fiscal expenditures are projected to be \$6,100.

PROGRAM ACTIVITY AND EXPENDITURES:

From January 2020 through June 2020 actual expenditures were \$862. For July 2020 through December 2020 the projected expenses as filed are \$3,050.

PROGRAM SUMMARY:

The main purpose of the Low Income Energy Outreach Program is to ensure that low income households are implementing all the necessary energy efficiency measures available. FPUC believes that by working with Weatherization Program operators, it is not only offering a valuable service to its Low Income residents, but that much needed thermal efficiency and weatherization improvements will be made. COVID-19 may have an impact on this program.

PROGRAM TITLE:

Commercial Reflective Roof Program

PROGRAM DESCRIPTION:

The Commercial Reflective Roof Program is a new program that provides rebates to non-residential customers that either convert their existing roof to a cool roof or install a new cool roof on an existing building or a new building. The rebate covers up to 25% of the incremental cost of providing the cool roof compared to a standard roof. Rebates will be \$0.075 per sqft for new roofs on new or existing facilities and \$0.325 per sqft for roofs converting to a cool roof. Roofing material must be Energy Star certified in all cases. The program will reduce energy and demand required for cooling. Participation rates are measured per 1000 sq. ft. of roof. FPUC will work with roofing contractors to promote the program in a manner similar to the Residential and Commercial Heating & Cooling Upgrade Programs. The roofing contractors will provide copies of their proposal to provide roofing services for FPUC's customers. FPUC will inspect the roof before work begins and after the work is completed. FPUC will make the determination of which level of rebate will apply to the project and that the project qualifies for a rebate by using Energy Star certified materials.

PROGRAM PROJECTIONS:

For the twelve-month period of January to December 2021, the Company estimates that 10 Commercial Reflective Roof allowances will be paid. Fiscal expenditures for 2021 are projected to be \$15,350.

PROGRAM ACTIVITY AND EXPENDITURES:

From January 2020 through June 2020, 0 commercial roofing rebates was paid and actual expenditures were \$3,253. We estimate that 5 commercial roofing rebates will be paid between July 2020 and December 2020. For July 2020 through December 2020 the projected expenses as filed are \$7,350. For July 2020 through December 2020, the goal for the number of program participants is 10.

PROGRAM SUMMARY:

The program started upon approval of FPUC's 2015 DSM Plan and Program Standards. We feel confident that by advertising the benefits of this program through our Energy Survey Program, bill inserts, promotional materials and social media platforms, we will begin to receive participants in this program.

PROGRAM TITLE:

Commercial Energy Consultation Program

PROGRAM DESCRIPTION:

The Florida Public Utilities Company Commercial Energy Consultation Program is designed to directly communicate the availability of the commercial DSM programs to commercial customers. This program allows for FPUC energy conservation representatives to conduct commercial site visits to educate customers about FPUC's commercial DSM programs, assess the potential for applicable DSM Programs, conduct an electric bill review, offer commercial energy savings suggestions, and inform customer about FPUC's commercial online energy efficiency resources and tools.

PROGRAM PROJECTIONS:

For the twelve-month period of January to December 2021, fiscal expenditures are projected to be \$8,300.

PROGRAM ACTIVITY AND EXPENDITURES:

From January 2020 through June 2020 3 commercial consultations were completed. The actual expenditures were \$2,137. For July 2020 through December 2020 the projected expenses as filed are \$5,650. The goal for the program is 10 participants.

PROGRAM SUMMARY:

In recent research of commercial/industrial customers, consistent response for areas of improvement from this class of customer include individualized attention and service in helping them improve their cost of operation and efficiency. We have built trusting relationships with many of these customers by offering education on new technologies and by offering expertise in energy conservation. This work will continue to benefit FPUC and its rate payers. COVID-19 has limited our ability to go into a business from early March through the end of 2020.

TAMPA ELECTRIC COMPANY
SCHEDULES SUPPORTING CONSERVATION
COST RECOVERY FACTOR
ACTUAL
JANUARY 2019 - DECEMBER 2019

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20200002-EG EXHIBIT: 14
PARTY: MRR-1
DESCRIPTION: Schedules supporting cost
recovery factor, actual January 2019 –
December 2019

CONSERVATION COST RECOVERY

INDEX

SCHEDULE	TITLE	PAGE
CT-1	Adjusted Net True-up	13
CT-2	Program Costs - Actual vs. Projected	14
CT-3	Summary of Expenses and Calculation of True-up and Interest Provision	18
CT-4	Schedule of Capital Investments, Depreciation and Return	21
CT-5	Reconciliation and Explanation of Difference between Filing and FPSC Audit	25
CT-6	Program Description & Progress	26

SCHEDULE CT-1
Page 1 of 1

TAMPA ELECTRIC COMPANY
Energy Conservation
Adjusted Net True-up
For Months January 2019 through December 2019

End of Period True-up		
Principal	\$10,891,630	
Interest	\$56,528	
Tax Reform Refund	\$4,959,442	
Tax Reform Refund Interest	\$3,422	
Total		\$15,911,022
Less: Projected True-up		
(Last Projected Conservation Hearing)		
Principal	\$7,664,926	
Interest	\$57,065	
Total		\$7,721,991
Adjusted Net True-up		\$8,189,031

TAMPA ELECTRIC COMPANY
 Analysis of Energy Conservation Program Costs
 Actual vs. Projected
 For Months January 2019 through December 2019

Description	Actual	Projected	Difference
1 Capital Investment	\$1,134,066	\$1,143,091	(\$9,025)
2 Payroll	\$3,289,314	\$3,765,103	(\$475,789)
3 Materials and Supplies	\$287,307	\$453,050	(\$165,743)
4 Outside Services	\$2,027,087	\$1,647,470	\$379,617
5 Advertising	\$1,072,852	\$772,647	\$300,205
6 Incentives	\$31,519,743	\$33,520,526	(\$2,000,783)
7 Vehicles	\$137,769	\$142,600	(\$4,831)
8 Other	\$4,970,581	\$6,221,112	(\$1,250,531)
9 Subtotal	\$44,438,719	\$47,665,599	(\$3,226,880)
Less: LED Street and Outdoor			
10 Conversion Program	(\$116,674)	(\$141,148)	\$24,474
11 Less: Renewable Revenues	(\$149,440)	(\$152,808)	\$3,368
12 Total	\$44,172,605	\$47,371,643	(\$3,199,038)
13 Less: Renewable Program	(\$184,077)	(\$321,630)	\$137,553
14 Total Program Costs	\$43,988,528	\$47,050,013	(\$3,061,485)
15 Beginning of Period True-up Overrecovery	\$2,738,782	\$2,738,782	\$0
16 Amounts included in Base Rates	\$0	\$0	\$0
17 Conservation Adjustment Revenues	(\$57,618,940)	(\$57,453,721)	(\$165,219)
18 True-up Before Interest	\$10,891,630	\$7,664,926	\$3,226,704
19 Tax Reform Refund	\$4,959,442	\$0	\$4,959,442
20 Tax Reform Refund Interest	\$3,422	\$0	\$3,422
21 Interest Provision	\$56,528	\$57,065	(\$537)
22 End of Period True-up	\$15,911,022	\$7,721,991	\$8,189,031

TAMPA ELECTRIC COMPANY
Actual Conservation Program Costs per Program
For Months January 2019 through December 2019

Program Name	Capital Investment	Payroll & Benefits	Materials & Supplies	Outside Services	Advertising	Incentives	Vehicles	Other	Program Revenues	Total
12000359 Residential Walk-Through Energy Audit	0	943,858	11,650	252	459,628	0	66,474	20,104	0	1,501,966
12000353-12000355 Residential Customer Assisted Audit	0	4,120	0	398,000	40,333	0	48	64	0	442,565
12000357, 12000369 Residential Computer Assisted Audit	0	311	269	0	0	0	0	289	0	869
12000381 Residential Ceiling Insulation	0	51,119	127	0	0	140,695	565	1,939	0	194,445
12000391 Residential Duct Repair	0	35,572	115	0	0	177,870	708	925	0	215,191
12000419 Residential Electronically Commutated Motors	0	0	0	0	0	0	0	0	0	0
12000375 Energy Education, Awareness and Agency Outr	8,451	24,276	662	38,803	0	0	260	9,454	0	81,906
12004152 Energy Star Multi-Family	0	122	0	0	0	85,800	67	2,009	0	87,997
12000431 Energy Star for New Homes	0	26,933	0	0	0	721,650	225	5,117	0	753,925
12000349 Residential Heating and Cooling	0	82,471	0	0	0	491,130	215	3,151	0	576,968
12000425 Neighborhood Weatherization	0	320,680	192,267	371,367	10,000	1,081,973	5,209	5,622	0	1,987,118
12000433 Energy Planner	1,125,614	781,244	30,304	515,668	423,782	0	45,002	112,416	0	3,034,030
12000365 Residential Wall Insulation	0	115	0	0	0	76	34	0	0	225
12000367 Residential Window Replacement	0	79,021	0	0	0	718,379	460	2,311	0	800,172
12000421 Residential HVAC Re-Commissioning	0	0	0	0	0	0	0	0	0	0
12000373 Residential Window Film	0	0	0	0	0	0	0	0	0	0
12000351 Prime Time	0	6,921	0	15,540	0	0	0	270	0	22,731
12000363 Commercial/Industrial Audit (Free)	0	292,229	5,134	(421)	38,360	0	2,887	12,856	0	351,045
12000361 Comprehensive Commercial/Industrial Audit (Pa	0	389	0	0	750	0	11	0	0	1,149
12000397 Commercial Ceiling Insulation	0	116	0	0	0	1,943	0	0	0	2,059
12000411 Commercial Chiller	0	60	0	0	0	28,455	0	0	0	28,515
12000371 Cogeneration	0	32,563	0	0	0	0	0	0	0	32,563
12000389 Conservation Value	0	0	0	0	0	0	0	0	0	0
12000443 Cool Roof	0	24,604	0	0	0	108,426	55	0	0	133,085
12000429 Commercial Cooling	0	143	0	0	0	1,932	0	205	0	2,281
12000409 Demand Response	0	7,082	0	0	0	3,890,905	267	3,715	0	3,901,968
12000377 Commercial Duct Repair	0	0	0	0	0	0	0	0	0	0
12000441 Commercial ECM	0	0	0	0	0	0	0	0	0	0
12000379 Industrial Load Management (GSLM 2&3)	0	78,839	24,910	792	0	18,175,509	13,736	13,896	0	18,307,682
12004386 LED Street and Outdoor Conversion Program	0	0	0	0	0	0	0	4,632,421	(116,674)	4,515,747
12000385 Lighting Conditioned Space	0	69,382	0	0	0	2,309,750	1,061	3,208	0	2,383,402
12003201 Lighting Non-Conditioned Space	0	47,222	0	0	0	120,742	219	508	0	168,691
12000413 Lighting Occupancy Sensors	0	176	0	0	0	8,020	0	0	0	8,196
12000383 CLM (GSLM 1)	0	438	0	0	0	6,615	0	0	0	7,053
12000415 Refrigeration Anti-Condensate Control	0	0	0	0	0	0	0	0	0	0
12000387 Standby Generator	0	34,238	2,824	168,606	0	3,449,871	117	25,098	0	3,680,754
12003202 Thermal Energy Storage	0	121	0	157,700	0	0	0	100	0	157,921
12000399 Commercial Wall Insulation	0	0	0	0	0	0	0	0	0	0
12000417 Commercial Water Heating	0	0	0	0	0	0	0	0	0	0
12000427 Conservation Research and Development	0	3,384	18,905	2,923	0	0	132	69	0	25,413
12000393 Renewable Energy Program	0	10,619	0	322,756	0	0	0	142	(149,440)	184,077
12000403-12000407, 12000423 Renewable Enery Systems Initiative	0	0	0	0	0	0	0	0	0	0
12000445 Commercial ERV	0	0	0	0	0	0	0	0	0	0
12000437 Commercial Exit Signs	0	0	0	0	0	0	0	0	0	0
12000439 Commercial HVAC Re-commissioning	0	0	0	0	0	0	0	0	0	0
12000401 Commercial Motors	0	0	0	0	0	0	0	0	0	0
12000435 Commercial Roof Insulation	0	0	0	0	0	0	0	0	0	0
12000395 Commercial Window Film	0	0	0	0	0	0	0	0	0	0
12000347 Common Expenses	0	330,946	140	35,101	100,000	0	17	114,691	0	580,895
Total All Programs	1,134,066	3,289,314	287,307	2,027,087	1,072,852	31,519,743	137,769	4,970,581	(266,114)	44,172,605
Less Renewable Energy Program	0	10,619	0	322,756	0	0	0	142	(149,440)	184,077
Total Less Renewable Energy Program	1,134,066	3,278,694	287,307	1,704,331	1,072,852	31,519,743	137,769	4,970,439	(116,674)	43,988,528

TAMPA ELECTRIC COMPANY
Conservation Program Costs per Program
Variance - Actual vs. Projected
For Months January 2019 through December 2019

Program Name	Capital Investment	Payroll & Benefits	Materials & Supplies	Outside Services	Advertising	Incentives	Vehicles	Other	Program Revenues	Total
12000359 Residential Walk-Through Energy Audit	0	(181,157)	2,452	252	62,063	0	(2,697)	(7,505)	0	(126,592)
12000353-12000355 Residential Customer Assisted Audit	0	(2,379)	0	398,000	20,000	0	48	(398,085)	0	17,584
12000357, 12000369 Residential Computer Assisted Audit	0	(493)	0	0	0	0	0	(61)	15	(539)
12000381 Residential Ceiling Insulation	0	(2,710)	93	0	0	5,918	146	945	0	4,392
12000391 Residential Duct Repair	0	(3,172)	81	0	0	18,315	(400)	85	0	14,910
12000419 Residential Electronically Commutated Motors	0	0	0	(105)	0	(115)	0	0	0	(220)
12000375 Energy Education, Awareness and Agency Outreac	(2,356)	(48,435)	(1,554)	24,073	0	0	(940)	(226)	0	(29,438)
12004152 Energy Star Multi Family	0	(556)	0	0	0	4,550	67	999	0	5,059
12000431 Energy Star for New Homes	0	(2,657)	0	0	0	(97,750)	16	(970)	0	(101,361)
12000349 Residential Heating and Cooling	0	2,586	0	0	0	32,130	(22)	622	0	35,317
12000425 Neighborhood Weatherization	0	(107,241)	(64,375)	9,827	10,000	(899,078)	1,193	2,283	0	(1,047,391)
12000433 Energy Planner	(6,670)	(57,784)	1,028	36,675	116,793	0	(16)	(25,043)	0	64,983
12000365 Residential Wall Insulation	0	5	0	0	0	(281)	34	0	0	(242)
12000367 Residential Window Replacement	0	4,411	0	0	0	11,116	(13)	1,478	0	16,993
12000351 Prime Time	0	1,897	0	3,736	0	0	0	(180)	0	5,453
12000363 Commercial/Industrial Audit (Free)	0	(29,177)	(934)	0	(8,651)	0	(370)	938	0	(38,193)
12000361 Comprehensive Commercial/Industrial Audit (Paid)	0	(97)	0	(500)	0	0	(69)	0	75	(592)
12000397 Commercial Ceiling Insulation	0	(606)	0	0	0	(2,261)	(100)	0	0	(2,967)
12000411 Commercial Chiller	0	(633)	0	0	0	(10,500)	(75)	0	0	(11,208)
12000371 Cogeneration	0	(10,261)	0	0	0	0	(150)	0	0	(10,411)
12000389 Conservation Value	0	(1,232)	0	0	0	0	(25)	0	0	(1,257)
12000443 Cool Roof	0	(13,388)	0	0	0	(20,925)	(278)	0	0	(34,591)
12000429 Commercial Cooling	0	(512)	0	0	0	1,207	(75)	205	0	826
12000409 Demand Response	0	(12,156)	0	0	0	0	(349)	691	0	(11,814)
12000377 Commercial Duct Repair	0	(280)	0	0	0	(450)	0	0	0	(730)
12000441 Commercial ECM	0	(881)	0	0	0	(2,520)	(20)	0	0	(3,421)
12000379 Industrial Load Management (GSLM 2&3)	0	63,724	0	0	0	(481,204)	(450)	898	0	(417,032)
12004386 LED Street and Outdoor Conversion Program	0	0	0	0	0	0	0	(834,433)	24,474	(809,959)
12000385 Lighting Conditioned Space	0	(12,254)	0	0	0	(38,416)	213	1,512	0	(48,944)
12003201 Lighting Non-Conditioned Space	0	(22,128)	0	0	0	(184,381)	(142)	(746)	0	(207,397)
12000413 Lighting Occupancy Sensors	0	(892)	0	0	0	(2,580)	0	0	0	(3,472)
12000383 CILM (GSLM 1)	0	(4,701)	0	(41,380)	0	0	0	(1,380)	0	(47,461)
12000415 Refrigeration Anti-Condensate Control	0	(211)	0	0	0	(1,500)	(25)	0	0	(1,736)
12000387 Standby Generator	0	(10,816)	(2,988)	21,183	0	(82,060)	(300)	(518)	0	(75,499)
12003202 Thermal Energy Storage	0	(1,793)	0	156,516	0	(250,000)	(100)	1	0	(95,376)
12000399 Commercial Wall Insulation	0	0	0	0	0	0	0	0	0	0
12000417 Commercial Water Heating	0	0	0	0	0	0	0	0	0	0
12000427 Conservation Research and Development	0	(11,919)	(99,095)	(41,277)	0	0	100	69	0	(152,122)
12000393 Renewable Energy Program	0	(5,189)	(500)	(135,000)	0	0	(50)	(182)	3,368	(137,553)
12000347 Common Expenses	0	(2,702)	49	(52,383)	100,000	0	17	7,981	0	52,962
Total All Programs	(9,025)	(475,789)	(165,743)	379,617	300,205	(2,000,783)	(4,831)	(1,250,621)	27,932	(3,199,038)
Less Renewable Energy Program	0	(5,189)	(500)	(135,000)	0	0	(50)	(182)	3,368	(137,553)
Total Less Renewable Energy Program	(9,025)	(470,601)	(165,243)	514,617	300,205	(2,000,783)	(4,781)	(1,250,439)	24,564	(3,061,485)

SCHEDULE CT-2
 Page 4 of 4

TAMPA ELECTRIC COMPANY
 Description for Accounts
 For Months January 2019 through December 2019

Internal Order	Program Name
12000359	Residential Walk-Through Energy Audit
12000355	Residential Customer Assisted Audit
12000357	Residential Computer Assisted Audit
12000369	Residential Computer Assisted Audit
12000363	Commercial/Industrial Audit (Free)
12000361	Comprehensive Commercial/Industrial Audit (Paid)
12000381	Residential Ceiling Insulation
12000391	Residential Duct Repair
12000419	Residential Electronically Commutated Motors
12000375	Energy Education, Awareness and Agency Outreach
12000431	Energy Star for New Homes
12000349	Residential Heating and Cooling
12000425	Neighborhood Weatherization
12000433	Energy Planner
12000365	Residential Wall Insulation
12000367	Residential Window Replacement
12000421	Residential HVAC Re-Commissioning
12000373	Residential Window Film
12000351	Prime Time
12000397	Commercial Ceiling Insulation
12000411	Commercial Chiller
12000371	Cogeneration
12000389	Conservation Value
12000443	Cool Roof
12000429	Commercial Cooling
12000409	Demand Response
12000377	Commercial Duct Repair
12000441	Commercial ECM
12000379	Industrial Load Management (GSLM 2&3)
12004386	LED Street and Outdoor Conversion Program
12000385	Lighting Conditioned Space
12003201	Lighting Non-Conditioned Space
12000413	Lighting Occupancy Sensors
12000383	CILM (GSLM 1)
12000415	Refrigeration Anti-Condensate Control
12000387	Standby Generator
12003202	Thermal Energy Storage
12000399	Commercial Wall Insulation
12000417	Commercial Water Heating
12000427	Conservation Research and Development (R&D)
12000393	Renewable Energy Program
12000405	Renewable Energy Systems Initiative
12000405	Renewable Energy Systems Initiative
12000403	Renewable Energy Systems Initiative
12000407	Renewable Energy Systems Initiative
12000423	Renewable Energy Systems Initiative
12000445	Commercial ERV
12000437	Commercial Exit Signs
12000439	Commercial HVAC Re-Commissioning
12000401	Commercial Motors
12000435	Commercial Roof Insulation
12000395	Commercial Window Film
12000347	Common Expenses

TAMPA ELECTRIC COMPANY
Energy Conservation Adjustment
Summary of Expenses by Program by Month
For Months January 2019 through December 2019

Program Name	January	February	March	April	May	June	July	August	September	October	November	December	Total
12000359 Residential Walk-Through Energy Audit	64,876	107,209	92,224	88,238	109,329	104,509	142,637	154,095	178,994	89,034	123,412	247,410	1,501,966
12000353-12000355 Residential Customer Assisted Audit	555	453	213	610	20,140	1,412	398,181	266	20,213	53	255	213	442,565
12000357, 12000369 Residential Computer Assisted Audit	0	0	0	269	0	0	0	0	0	0	289	311	869
12000381 Residential Ceiling Insulation	21,364	13,181	15,219	14,200	13,349	14,652	22,127	24,196	20,492	16,282	11,646	7,736	194,445
12000391 Residential Duct Repair	12,540	16,166	28,671	41,613	6,348	20,394	30,134	17,709	9,443	14,069	10,952	7,153	215,191
12000419 Residential Electronically Commutated Motors	0	0	0	0	0	0	0	0	0	0	0	0	0
12000375 Energy Education, Awareness and Agency Outreach	4,626	4,418	3,178	1,569	2,841	11,322	5,220	5,537	6,660	13,129	8,782	14,623	81,906
12004152 Energy Star Multi-Family	0	0	0	0	0	1,010	85,852	0	986	454	0	(305)	87,997
12000431 Energy Star for New Homes	126,202	122,034	77,134	50,071	41,450	37,037	56,290	53,213	68,376	51,943	41,063	29,113	753,925
12000349 Residential Heating and Cooling	34,831	37,732	42,182	49,753	49,648	57,451	77,149	66,839	48,539	50,270	37,588	24,986	576,968
12000425 Neighborhood Weatherization	265,741	210,797	130,726	234,846	323,337	164,606	9,774	48,514	109,120	204,384	148,338	136,935	1,987,118
12000433 Energy Planner	157,409	359,462	207,187	221,303	241,951	211,528	272,399	243,498	322,864	200,612	244,654	351,163	3,034,030
12000365 Residential Wall Insulation	0	0	0	0	119	0	0	0	0	83	23	0	225
12000367 Residential Window Replacement	81,504	69,210	60,476	66,627	62,728	71,456	74,168	67,568	62,046	76,356	58,063	49,971	800,172
12000351 Prime Time	252	4,765	537	898	3,825	997	3,440	641	800	3,564	564	2,449	22,731
12000363 Commercial/Industrial Audit (Free)	32,003	23,554	18,317	28,200	22,137	28,410	26,913	43,938	32,481	33,311	34,606	27,174	351,045
12000361 Comprehensive Commercial/Industrial Audit (Paid)	0	0	0	750	0	0	173	166	0	0	0	60	1,149
12000397 Commercial Ceiling Insulation	0	0	0	1,230	364	0	170	295	0	0	0	0	2,059
12000411 Commercial Chiller	3,112	0	18,335	60	0	7,008	0	0	0	0	0	0	28,515
12000371 Cogeneration	5,231	4,248	2,893	3,710	2,198	1,984	2,012	2,413	2,084	2,166	1,981	1,642	32,563
12000389 Conservation Value	0	0	0	0	0	0	0	0	0	0	0	0	0
12000443 Cool Roof	18,390	2,002	2,605	4,543	1,954	32,148	1,665	20,746	3,152	32,771	6,985	6,123	133,085
12000429 Commercial Cooling	0	116	0	0	0	0	205	0	0	138	0	1,822	2,281
12000409 Demand Response	331,724	(91)	330,755	330,652	330,601	591,633	718	661,134	331,581	330,522	7,243	655,496	3,901,968
12000377 Commercial Duct Repair	0	0	0	0	0	0	0	0	0	0	0	0	0
12000441 Commercial ECM	0	0	0	0	0	0	0	0	0	0	0	0	0
12000379 Industrial Load Management (GSLM 2&3)	1,165,492	1,517,377	1,506,055	1,595,250	1,666,947	1,664,648	1,248,670	1,746,215	1,632,597	1,629,104	1,539,445	1,395,883	18,307,682
12004386 LED Street and Outdoor Conversion Program	1,065,908	505,654	50,168	393,506	22,035	395,333	420,845	339,833	55,664	399,044	428,292	439,465	4,515,747
12000385 Lighting Conditioned Space	13,954	13,727	10,450	239,812	1,212,311	96,825	85,213	175,816	26,170	412,053	47,637	49,433	2,383,402
12003201 Lighting Non-Conditioned Space	6,252	5,173	8,983	15,880	7,731	13,539	7,921	21,136	3,970	29,382	10,720	38,002	168,691
12000413 Lighting Occupancy Sensors	0	0	0	6,490	0	0	0	1,646	0	0	0	60	8,196
12000383 CILM (GSLM 1)	0	0	0	1,074	1,157	945	977	945	945	945	203	(138)	7,053
12000415 Refrigeration Anti-Condensate Control	0	0	0	0	0	0	0	0	0	0	0	0	0
12000387 Standby Generator	340,426	296,858	300,100	291,076	334,576	306,399	304,726	311,101	304,532	292,790	318,507	279,663	3,680,754
12003202 Thermal Energy Storage	0	0	0	0	0	0	0	0	0	0	121	157,800	157,921
12000399 Commercial Wall Insulation	0	0	0	0	0	0	0	0	0	0	0	0	0
12000417 Commercial Water Heating	0	0	0	0	0	0	0	0	0	0	0	0	0
12000427 Conservation Research and Development	0	0	0	0	106	576	662	535	469	19,811	3,020	236	25,414
12000393 Renewable Energy Program	307,984	(10,009)	(9,321)	(10,447)	(21,647)	(6,590)	(11,232)	(10,949)	(11,293)	(10,595)	(10,849)	(10,972)	184,077
12000403-12000407, 12000423 Renewable Energy Systems Initiative	0	0	0	0	0	0	0	0	0	0	0	0	0
12000445 Commercial ERV	0	0	0	0	0	0	0	0	0	0	0	0	0
12000437 Commercial Exit Signs	0	0	0	0	0	0	0	0	0	0	0	0	0
12000439 Commercial HVAC Re-commissioning	0	0	0	0	0	0	0	0	0	0	0	0	0
12000401 Commercial Motors	0	0	0	0	0	0	0	0	0	0	0	0	0
12000435 Commercial Roof Insulation	0	0	0	0	0	0	0	0	0	0	0	0	0
12000395 Commercial Window Film	0	0	0	0	0	0	0	32	0	0	0	(32)	0
12000347 Common Expenses	49,953	63,019	34,316	41,920	40,698	39,692	39,097	58,378	32,952	37,693	47,786	95,393	580,895
Total	4,110,329	3,367,054	2,931,402	3,713,706	4,496,232	3,868,924	3,306,109	4,055,454	3,263,835	3,929,368	3,121,325	4,008,868	44,172,606
Less: Renewable Energy Program	307,984	(10,009)	(9,321)	(10,447)	(21,647)	(6,590)	(11,232)	(10,949)	(11,293)	(10,595)	(10,849)	(10,972)	184,077
Recoverable Conservation Expenses	3,802,345	3,377,063	2,940,723	3,724,153	4,517,879	3,875,514	3,317,341	4,066,403	3,275,128	3,939,963	3,132,174	4,019,840	43,988,529

TAMPA ELECTRIC COMPANY
Energy Conservation Adjustment
Calculation of True-up and Interest Provision
For Months January 2019 through December 2019

Description	January	February	March	April	May	June	July	August	September	October	November	December	Total
1 Residential Conservation Audit Fees (A)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2 Conservation Adjustment Revenues *	4,120,358	4,142,753	4,053,814	4,119,350	4,885,416	5,494,215	5,609,097	5,396,265	5,734,300	5,251,565	4,773,987	4,037,820	57,618,940
3 Total Revenues	4,120,358	4,142,753	4,053,814	4,119,350	4,885,416	5,494,215	5,609,097	5,396,265	5,734,300	5,251,565	4,773,987	4,037,820	57,618,940
4 Prior Period True-up	<u>(466,937)</u>	<u>(466,937)</u>	<u>(466,937)</u>	<u>(466,937)</u>	<u>(466,937)</u>	<u>(466,937)</u>	<u>(466,937)</u>	<u>(466,937)</u>	<u>(466,937)</u>	<u>(466,937)</u>	<u>(466,937)</u>	<u>(466,934)</u>	<u>(5,603,241)</u>
5 Conservation Revenue Applicable to Period	3,653,421	3,675,816	3,586,877	3,652,413	4,418,479	5,027,278	5,142,160	4,929,328	5,267,363	4,784,628	4,307,050	3,570,886	52,015,699
6 Conservation Expenses	<u>3,802,345</u>	<u>3,377,063</u>	<u>2,940,723</u>	<u>3,724,153</u>	<u>4,517,879</u>	<u>3,875,514</u>	<u>3,317,342</u>	<u>4,066,404</u>	<u>3,275,128</u>	<u>3,939,963</u>	<u>3,132,174</u>	<u>4,019,840</u>	43,988,528
7 True-up This Period (Line 5 - Line 6)	(148,924)	298,753	646,154	(71,740)	(99,400)	1,151,764	1,824,818	862,924	1,992,235	844,665	1,174,876	(448,954)	8,027,171
8 State Tax Reform Refund													4,959,442
9 Interest Provision This Period	(5,185)	(4,107)	(2,260)	(730)	50	1,995	5,474	8,289	11,246	12,972	13,709	15,075	56,528
10 Interest Related to Tax Reform Refund													3,422
11 True-up & Interest Provision Beginning of Period	(\$2,738,782)	(2,425,954)	(1,664,371)	(553,540)	(159,073)	208,514	1,829,210	4,126,439	5,464,589	7,935,007	9,259,581	10,915,103	(2,738,782)
12 Prior Period True-up Collected (Refunded)	<u>466,937</u>	<u>466,937</u>	<u>466,937</u>	<u>466,937</u>	<u>466,937</u>	<u>466,937</u>	<u>466,937</u>	<u>466,937</u>	<u>466,937</u>	<u>466,937</u>	<u>466,937</u>	<u>466,934</u>	<u>5,603,241</u>
13 End of Period Total Net True-up	<u>(\$2,425,954)</u>	<u>(\$1,664,371)</u>	<u>(\$553,540)</u>	<u>(\$159,073)</u>	<u>\$208,514</u>	<u>\$1,829,210</u>	<u>\$4,126,439</u>	<u>\$5,464,589</u>	<u>\$7,935,007</u>	<u>\$9,259,581</u>	<u>\$10,915,103</u>	<u>\$15,911,022</u>	<u>\$15,911,022</u>

TAMPA ELECTRIC COMPANY
Energy Conservation Adjustment
Calculation of True-up and Interest Provision
For Months January 2019 through December 2019

Interest Provision	January	February	March	April	May	June	July	August	September	October	November	December	Total
1 Beginning True-up Amount	(\$2,738,782)	(\$2,425,954)	(\$1,664,371)	(\$553,540)	(\$159,073)	\$208,514	\$1,829,210	\$4,126,439	\$5,464,589	\$7,935,007	\$9,259,581	\$10,915,103	
2 Ending True-up Amount Before Interest	(2,420,769)	(1,660,264)	(551,280)	(158,343)	208,464	1,827,215	4,120,965	5,456,300	7,923,761	9,246,609	10,901,394	10,933,083	
3 Total Beginning & Ending True-up	<u>(5,159,551)</u>	<u>(4,086,218)</u>	<u>(2,215,651)</u>	<u>(711,883)</u>	<u>49,391</u>	<u>2,035,729</u>	<u>5,950,175</u>	<u>9,582,739</u>	<u>13,388,350</u>	<u>17,181,616</u>	<u>20,160,975</u>	<u>21,848,186</u>	
4 Average True-up Amount (50% of Line 3)	<u>(2,579,776)</u>	<u>(2,043,109)</u>	<u>(1,107,826)</u>	<u>(355,942)</u>	<u>24,696</u>	<u>1,017,865</u>	<u>2,975,088</u>	<u>4,791,370</u>	<u>6,694,175</u>	<u>8,590,808</u>	<u>10,080,488</u>	<u>10,924,093</u>	
5 Interest Rate - First Day of Month	2.420000	2.410000	2.410000	2.480000	2.430000	2.390000	2.320000	2.100000	2.050000	1.970000	1.660000	1.600000	
6 Interest Rate - First Day of Next Month	2.410000	2.410000	2.480000	2.430000	2.390000	2.320000	2.100000	2.050000	1.970000	1.660000	1.600000	1.710000	
7 Total (Line 5 + Line 6)	4.830000	4.820000	4.890000	4.910000	4.820000	4.710000	4.420000	4.150000	4.020000	3.630000	3.260000	3.310000	
8 Average Interest Rate (50% of Line 7)	2.415000	2.410000	2.445000	2.455000	2.410000	2.355000	2.210000	2.075000	2.010000	1.815000	1.630000	1.655000	
9 Monthly Average Interest Rate (Line 8/12)	0.002010	0.002010	0.002040	0.002050	0.002010	0.001960	0.001840	0.001730	0.001680	0.001510	0.001360	0.001380	
10 Interest Provision (Line 4 x Line 9)	(\$5,185)	(\$4,107)	(\$2,260)	(\$730)	\$50	\$1,995	\$5,474	\$8,289	\$11,246	\$12,972	\$13,709	\$15,075	\$56,528
11 State Tax Reform Refund													4,959,442
12 Average True-up related to Tax Reform Refund (50% of line 11)													2,479,721
13 Interest on Tax Reform Refund (Line 9 x Line 12)													\$3,422

TAMPA ELECTRIC COMPANY
Schedule of Capital Investment, Depreciation and Return
For Months January 2019 through December 2019

PRICE RESPONSIVE LOAD MANAGEMENT

Description	Beginning of Period	January	February	March	April	May	June	July	August	September	October	November	December	Total
1 Investment		\$107,898	\$60,248	\$52,368	\$64,259	\$29,362	19,801.62	120,121.60	46,401.33	69,186.30	138,077.96	63,622.68	126,406.96	\$897,754
2 Retirements		\$159,812	\$169,050	\$135,859	\$148,364	\$142,669	\$146,144	\$165,277	\$181,969	\$223,428	\$183,174	\$183,702	\$119,667	\$1,959,114
3 Depreciation Base		5,394,482	5,285,680	5,202,189	5,118,085	5,004,778	4,878,436	4,833,281	4,697,713	4,543,471	4,498,375	4,378,295	4,385,035	
4 Depreciation Expense		90,341	89,001	87,399	86,002	84,357	82,359	80,931	79,425	77,010	75,349	73,972	73,028	979,174
5 Cumulative Investment	5,446,396.03	\$5,394,482	\$5,285,680	\$5,202,189	\$5,118,085	\$5,004,778	\$4,878,436	\$4,833,281	\$4,697,713	\$4,543,471	\$4,498,375	\$4,378,295	\$4,385,035	\$4,385,035
6 Less: Accumulated Depreciation	3,410,766	3,341,296	3,261,247	3,212,787	3,150,425	3,092,113	3,028,328	2,943,982	2,841,438	2,695,020	2,587,195	2,477,465	2,430,826	2,430,826
7 Net Investment	\$2,035,630	\$2,053,186	\$2,024,433	\$1,989,402	\$1,967,660	\$1,912,665	\$1,850,108	\$1,889,299	\$1,856,275	\$1,848,451	\$1,911,180	\$1,900,830	\$1,954,209	\$1,954,209
8 Average Investment		2,044,408	2,038,810	2,006,918	1,978,531	1,940,163	1,881,387	1,869,704	1,872,787	1,852,363	1,879,816	1,906,005	1,927,520	
9 Return on Average Investment - Equity Component		9,781	9,755	9,602	9,466	9,283	9,001	9,292	9,307	9,205	9,342	9,472	9,579	113,085
10 Return on Average Investment - Debt Component		2,921	2,913	2,867	2,827	2,772	2,688	2,706	2,711	2,681	2,721	2,759	2,790	33,356
11 Total Depreciation and Return		\$103,043	\$101,669	\$99,868	\$98,295	\$96,412	\$94,048	\$92,929	\$91,443	\$88,896	\$87,412	\$86,203	\$85,397	\$1,125,615

Note: Depreciation expense is calculated using a useful life of 60 months.
Line 9 x 5.7413% x 1/12 (Jan-Jun) and Line 9 x 5.9635% x 1/12 (Jul-Dec). Based on ROE of 10.25% and weighted income tax rate of 25.345% (expansion factor of 1.34295).
Line 10 x 1.7144% x 1/12 (Jan-Jun) and Line 10 x 1.7369% x 1/12 (Jul-Dec).

ROI	12,816	12,780	12,578	12,400	12,159	11,791	12,166	12,247	12,111	12,283	12,445	12,579
-----	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------

TAMPA ELECTRIC COMPANY
Schedule of Capital Investment, Depreciation and Return
For Months January 2019 through December 2019

INDUSTRIAL LOAD MANAGEMENT

Description	Beginning of Period	January	February	March	April	May	June	July	August	September	October	November	December	Total
1 Investment		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2 Retirements		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
3 Depreciation Base		0	0	0	0	0	0	0	0	0	0	0	0	
4 Depreciation Expense		0	0	0	0	0	0	0	0	0	0	0	0	0
5 Cumulative Investment	(0.00)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
6 Less: Accumulated Depreciation	(0)	0	0	0	0	0	0	0	0	0	0	0	0	0
7 Net Investment	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
8 Average Investment		0	0	0	0	0	0	0	0	0	0	0	0	
9 Return on Average Investment		0	0	0	0	0	0	0	0	0	0	0	0	0
10 Return Requirements		0	0	0	0	0	0	0	0	0	0	0	0	0
11 Total Depreciation and Return		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Note: Depreciation expense is calculated using a useful life of 60 months.
Line 9 x 5.7413% x 1/12 (Jan-Jun) and Line 9 x 5.9635% x 1/12 (Jul-Dec). Based on ROE of 10.25% and weighted income tax rate of 25.345% (expansion factor of 1.34295).
Line 10 x 1.7144% x 1/12 (Jan-Jun) and Line 10 x 1.7369% x 1/12 (Jul-Dec).

22

TAMPA ELECTRIC COMPANY
Schedule of Capital Investment, Depreciation and Return
For Months January 2019 through December 2019

ENERGY EDUCATION AWARENESS

Description	Beginning of Period	January	February	March	April	May	June	July	August	September	October	November	December	Total
1 Investment		\$0	\$0	\$0	\$0	\$0	\$0	\$20,368	\$0	\$0	\$0	\$0	\$0	\$ 20,368
2 Retirements		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	0
3 Depreciation Base		23,364	23,364	23,364	23,364	23,364	23,364	43,732	43,732	43,732	43,732	43,732	43,732	
4 Depreciation Expense		389	389	389	389	389	389	559	729	729	729	729	729	6,538
5 Cumulative Investment	23,363.77	\$23,364	\$23,364	\$23,364	\$23,364	\$23,364	\$23,364	\$43,732	\$43,732	\$43,732	\$43,732	\$43,732	\$43,732	\$43,732
6 Less: Accumulated Depreciation	4,799	5,188	5,578	5,967	6,356	6,745	7,135	7,695	8,424	9,153	9,883	10,612	11,342	11,342
7 Net Investment	\$18,564	\$18,176	\$17,786	\$17,397	\$17,008	\$16,619	\$16,229	\$36,037	\$35,308	\$34,579	\$33,849	\$33,120	\$32,390	\$32,390
8 Average Investment		18,370	17,981	17,592	17,203	16,814	16,424	26,133	35,673	34,944	34,214	33,485	32,755	
9 Return on Average Investment - Equity Component		88	86	84	82	80	79	130	177	174	170	166	163	1,479
10 Return on Average Investment - Debt Component		26	26	25	25	24	23	38	52	51	50	48	47	435
11 Total Depreciation and Return		\$503	\$501	\$498	\$496	\$493	\$491	\$727	\$958	\$954	\$949	\$943	\$939	\$8,452

Note: Depreciation expense is calculated using a useful life of 60 months.
Line 9 x 5.7413% x 1/12 (Jan-Jun) and Line 9 x 5.9635% x1/12 (Jul-Dec). Based on ROE of 10.25% and weighted income tax rate of 25.345% (expansion factor of 1.34295).
Line 10 x 1.7144% x 1/12 (Jan-Jun) and Line 10 x 1.7369% x 1/12 (Jul-Dec).

23

TAMPA ELECTRIC COMPANY
Schedule of Capital Investment, Depreciation and Return
For Months January 2019 through December 2019

COMMERCIAL LOAD MANAGEMENT

Description	Beginning of Period	January	February	March	April	May	June	July	August	September	October	November	December	Total
1 Investment		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2 Retirements		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
3 Depreciation Base		0	0	0	0	0	0	0	0	0	0	0	0	0
4 Depreciation Expense		0	0	0	0	0	0	0	0	0	0	0	0	0
5 Cumulative Investment	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
6 Less: Accumulated Depreciation	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 Net Investment	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
8 Average Investment		0	0	0	0	0	0	0	0	0	0	0	0	0
9 Return on Average Investment - Equity Component		0	0	0	0	0	0	0	0	0	0	0	0	0
10 Return on Average Investment - Debt Component		-	-	-	-	-	-	-	-	-	-	-	-	0
11 Total Depreciation and Return		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Note: Depreciation expense is calculated using a useful life of 60 months.
Line 9 x 5.7413% x 1/12 (Jan-Jun) and Line 9 x 5.9635% x 1/12 (Jul-Dec). Based on ROE of 10.25% and weighted income tax rate of 25.345% (expansion factor of 1.34295).
Line 10 x 1.7144% x 1/12 (Jan-Jun) and Line 10 x 1.7369% x 1/12 (Jul-Dec).

SCHEDULE CT-5
Page 1 of 1

TAMPA ELECTRIC COMPANY
Reconciliation and Explanation of
Difference Between Filing and FPSC Audit
For Months January 2019 through December 2019

The audit has not been completed as of the date of this filing.

Program Description and Progress

Program Title: Energy Audits

Program Description: Energy audits are a conservation program designed to save demand and energy by increasing customer awareness of energy use in personal residences, commercial facilities and industrial plants. Five types of audits are available to Tampa Electric customers; three types are for residential class customers and two types are for commercial/industrial customers.

Program Accomplishments: January 1, 2019 to December 31, 2019

Number of customers participating:
Residential Walk-Through: 6,786
Residential Customer Assisted: 57,370
Residential Computer Assisted: 1
Commercial/Industrial: 866
Commercial/Industrial Comprehensive: 1

Program Fiscal Expenditures: January 1, 2019 to December 31, 2019

Actual expenses were \$2,297,594.

Program Progress Summary: Through this reporting period 365,710 customers have participated in on-site audits. Additionally, 209,608 customers have participated in company processed residential and commercial customer assisted audits.

Program Description and Progress

Program Title: Residential Ceiling Insulation

Program Description: The Residential Ceiling Insulation Program is designed to encourage customers to make cost-effective improvements to existing residences. The goal is to offer customer rebates for installing ceiling insulation to help reduce their energy consumption while reducing Tampa Electric's weather sensitive peak demand. Ceiling insulation is designed to reduce demand and energy by decreasing the load on residential air conditioning and heating equipment. Qualifying residential structures are eligible for a rebate based upon the total square footage of insulation installed over conditioned space. Customers will receive a certificate that is used as partial payment for the ceiling insulation installed.

Program Accomplishments: January 1, 2019 to December 31, 2019

Number of customers participating: 595

Program Fiscal Expenditures: January 1, 2019 to December 31, 2019

Actual expenses were \$194,445.

Program Progress Summary: Through this reporting period 123,957 customers have participated.

Program Description and Progress

Program Title: Residential Duct Repair

Program Description: The Residential Duct Repair Program is a conservation rebate program designed to reduce demand and energy by decreasing the load on residential HVAC equipment helping the customer reduce their energy consumption and reducing Tampa Electric's peak demand. This program eliminates or reduces areas of HVAC air distribution losses by sealing and repairing the air distribution system. The air distribution system is defined as the air handler, air ducts, return plenums, supply plenums and any connecting structure.

Program Accomplishments: January 1, 2019 to December 31, 2019

Number of customers participating: 1,078

Program Fiscal Expenditures: January 1, 2019 to December 31, 2019

Actual expenses were \$215,191.

Program Progress Summary: Through this reporting period 103,473 customers have participated.

Program Description and Progress

Program Title: Residential Electronically Commutated Motors (ECM)

Program Description: The Residential ECM Program is designed to encourage customers to make cost-effective improvements to existing residences. The goal is to offer customer rebates for installing an ECM to help reduce their energy consumption and reduce Tampa Electric's peak demand. ECM motors are designed to help residential customers improve the overall efficiency of their existing HVAC equipment by replacing the current induction motor in the air-handler with an ECM.

Program Accomplishments: January 1, 2019 to December 31, 2019

Number of customers participating: 0

Program Fiscal Expenditures: January 1, 2019 to December 31, 2019

Actual expenses were \$0.

Program Progress Summary: Through this reporting period five customers have participated.

Program Description and Progress

Program Title: Energy Education, Awareness and Agency Outreach

Program Description: The Energy Education, Awareness and Agency Outreach Program is comprised of three distinct initiatives. The Energy Education and Awareness portion of the program is designed to establish opportunities for engaging groups of customers and students in energy-efficiency related discussions in an organized setting. The Agency Outreach portion of the program will allow for delivery of energy efficiency kits that will help educate agency clients on practices that help to reduce energy consumption. The suggested practices will mirror the recommendations provided to customers who participate in a free energy audit.

Program Accomplishments: January 1, 2019 to December 31, 2019

In this reporting period Tampa Electric partnered with 13 local schools to present Energy Education to 662 students through classroom presentations. Tampa Electric also continues to partner with Junior Achievement BizTown presenting Energy Education to 19,920 students representing 226 local schools. In addition, the company gave 24 presentations to civic organizations and distributed 1,304 energy saving kits to participating customers. As well as presented electric vehicle education to 396 students at 3 local high schools.

Program Fiscal Expenditures: January 1, 2019 to December 31, 2019

Actual expenses were \$81,906.

Program Progress Summary: Through this reporting period Tampa Electric has partnered with 138 local schools to present Energy Education to 41,183 students and Electric Vehicle Education to 396 with 3 local high schools. In addition, the company gave 187 presentations to civic organizations that generated 1,413 customer assisted audits and distributed 7,887 energy saving kits to participating customers.

Program Description and Progress

Program Title: ENERGY STAR for New Multi-Family Residences

Program Description: The ENERGY STAR for New Multi-Family Residences Program is a residential new construction conservation program designed to reduce the growth of peak demand and energy in the residential new construction apartment and condominium residence market. The program utilizes a rebate to encourage the construction of new multi-family residences to meet the requirements to achieve the ENERGY STAR certified apartments and condominium label. By receiving this certificate, the new residence will use less energy and demand which will help reduce the growth of Tampa Electric's peak demand.

Program Accomplishments: January 1, 2019 to December 31, 2019

Number of customers participating: 264

Program Fiscal Expenditures: January 1, 2019 to December 31, 2019

Actual expenses were \$87,997.

Program Progress Summary: Through this reporting period 264 customers have participated.

Program Description and Progress

Program Title: ENERGY STAR for New Homes

Program Description: The ENERGY STAR for New Homes Program is a residential new construction conservation program designed to reduce the growth of peak demand and energy in the residential new construction market. The program utilizes a rebate to encourage the construction of new homes to meet the requirements to achieve the ENERGY STAR certified new home label. By receiving this certificate, the new home will use less energy and demand which will help reduce the growth of Tampa Electric's peak demand. This program replaced the prior Residential New Construction program.

Program Accomplishments: January 1, 2019 to December 31, 2019

Number of customers participating: 849

Program Fiscal Expenditures: January 1, 2019 to December 31, 2019

Actual expenses were \$753,925.

Program Progress Summary: Through this reporting period 14,483 customers have participated.

Program Description and Progress

Program Title: Residential Heating and Cooling

Program Description: The Residential Heating and Cooling Program is designed to encourage customers to make cost-effective improvements to existing residences. The goal is to offer customer rebates for installing high efficiency heating and cooling systems to help reduce their energy consumption while reducing Tampa Electric's weather sensitive peak demand. High efficiency heating and cooling systems require less demand and energy as compared to standard systems. This program will rebate residential customers that install a qualifying air conditioning system.

Program Accomplishments: January 1, 2019 to December 31, 2019

Number of customers participating: 3,638

Program Fiscal Expenditures: January 1, 2019 to December 31, 2019

Actual expenses were \$576,968.

Program Progress Summary: Through this reporting period 208,404 customers have participated.

Program Description and Progress

Program Title: Neighborhood Weatherization

Program Description: The Neighborhood Weatherization Program is designed to assist low income families in reducing their energy usage. The goal of the program is to provide and install a package of conservation measures at no cost to the customer. Another key component will be educating families and promoting energy conservation techniques to help customers control and reduce their energy usage.

Program Accomplishments: January 1, 2019 to December 31, 2019

Number of customers participating: 6,740

Program Fiscal Expenditures: January 1, 2019 to December 31, 2019

Actual expenses were \$1,987,118.

Program Progress Summary: Through this reporting period 50,061 customers have participated.

Program Description and Progress

Program Title: Residential Price Responsive Load Management (Energy Planner)

Program Description: The company's program relies on a multi-tiered rate structure combined with price signals conveyed to participating customers during the day. This price information is designed to encourage customers to make behavioral or equipment usage changes to their energy consumption thereby achieving the desired high cost period load reduction to assist in meeting system peak.

Program Accomplishments: January 1, 2019 to December 31, 2019

Number of net customers participating: 897

Program Fiscal Expenditures: January 1, 2019 to December 31, 2019

Actual expenses were \$3,034,030.

Program Progress Summary: Through this reporting period 5,783 customers have participated.

Program Description and Progress

Program Title: Residential Wall Insulation

Program Description: The Residential Wall Insulation Program is designed to encourage customers to make cost-effective improvements to existing residences. The goal is to offer customer rebates for installing wall insulation to help reduce their energy consumption while reducing Tampa Electric's weather sensitive peak demand. Wall insulation is designed to reduce demand and energy by decreasing the load on residential air conditioning and heating equipment. Qualifying residential structures are eligible for a rebate based upon the total square footage of insulation installed in exterior walls adjacent to conditioned spaces. Customers will receive a certificate that is used as partial payment for the wall insulation installed.

Program Accomplishments: January 1, 2019 to December 31, 2019

Number of customers participating: 2

Program Fiscal Expenditures: January 1, 2019 to December 31, 2019

Actual expenses were \$225.

Program Progress Summary: Through this reporting period 199 customers have participated.

Program Description and Progress

Program Title: Residential Window Replacement

Program Description: The Residential Window Replacement Program is designed to encourage customers to make cost-effective improvements to existing residences. The goal is to offer customer rebates for replacing existing external windows with high performance windows that help reduce their energy consumption while reducing Tampa Electric's weather sensitive peak demand. High performance windows are designed to reduce demand and energy by decreasing the solar heat gain into a residence and in turn, decrease the load on residential air conditioning equipment. Qualifying residential structures are eligible for a rebate based upon the total square footage of exterior windows replaced.

Program Accomplishments: January 1, 2019 to December 31, 2019

Number of customers participating: 1,878

Program Fiscal Expenditures: January 1, 2019 to December 31, 2019

Actual expenses were \$800,172.

Program Progress Summary: Through this reporting period 16,473 customers have participated.

Program Description and Progress

Program Title: Prime Time

Program Description: This load management incentive program encourages residential customers to allow the control for reducing weather-sensitive heating, cooling and water heating through a radio signal control mechanism. The participating customers receive monthly incentives as credits on their electric bills. Per Commission Order No. PSC-15-0434-CO-EG issued October 12, 2015, the Prime Time Program began its systematic phased closure. This program was retired on May 11, 2016.

Program Accomplishments: January 1, 2019 to December 31, 2019

See Program Progress Summary below.

Program Fiscal Expenditures: January 1, 2019 to December 31, 2019

Actual expenses were \$22,731.

Program Progress Summary: This program was retired on May 11, 2016.

Program Description and Progress

Program Title: Commercial Ceiling Insulation

Program Description: The Commercial Ceiling Insulation Program is designed to encourage commercial/industrial customers to make cost-effective improvements to existing facilities. The goal is to offer customer rebates for installing ceiling insulation to help reduce their energy consumption and demand while reducing Tampa Electric's weather sensitive peak demand. Ceiling insulation is designed to reduce demand and energy by decreasing the load on commercial/industrial air conditioning and heating equipment. Qualifying structures are eligible for a rebate based upon the total square footage of insulation installed over conditioned space. Certificates for participation will be issued through energy audits or by direct evaluation of the existing building envelope.

Program Accomplishments: January 1, 2019 to December 31, 2019

Number of customers participating: 5

Program Fiscal Expenditures: January 1, 2019 to December 31, 2019

Actual expenses were \$2,059.

Program Progress Summary: Through this reporting period 324 customers have participated.

Program Description and Progress

Program Title: Commercial Chiller

Program Description: The Commercial Chiller Program is designed to encourage commercial/industrial customers to make cost-effective improvements to existing facilities and processes. The goal is to offer customer rebates for installing high efficiency electric water-cooled chillers and electric air-cooled chillers that exceed Florida's Building Code and minimum product manufacturing standards in commercial/industrial buildings or processes to help reduce their energy consumption and demand while reducing Tampa Electric's weather sensitive peak demand. High efficiency chillers reduce demand and energy by decreasing the load on air conditioning and heating equipment or process cooling equipment during weather sensitive peak demand times.

Program Accomplishments: January 1, 2019 to December 31, 2019

Number of customers participating: 5

Program Fiscal Expenditures: January 1, 2019 to December 31, 2019

Actual expenses were \$28,515.

Program Progress Summary: Through this reporting period 74 customers have participated.

Program Description and Progress

Program Title: Cogeneration

Program Description: Tampa Electric's Cogeneration program is administered by a professional team experienced in working with cogenerators. The group manages functions related to coordination with Qualifying Facilities ("QFs") including negotiations, agreements and informational requests; functions related to governmental, regulatory and legislative bodies; research, development, data acquisition and analysis; economic evaluations of existing and proposed QFs as well as the preparation of Tampa Electric's Annual Twenty-Year Cogeneration Forecast.

Program Accomplishments: January 1, 2019 to December 31, 2019

The company continued communication and interaction with all present and potential customers.

Tampa Electric completed the development and publication of the 20-Year Cogeneration Forecast, reviewed proposed cogeneration opportunities for cost-effectiveness and answered data requests from existing cogenerators. The company also attended meetings as scheduled with cogeneration customer personnel at selected facilities.

Program Fiscal Expenditures: January 1, 2019 to December 31, 2019

Actual expenses were \$32,563.

Program Progress Summary: At the end of 2019, there are seven cogeneration Qualifying Facilities ("QFs") that are on-line in Tampa Electric's service area. The total nameplate generation capacity of these seven interconnected cogeneration facilities is 443.3 MW. During 2019, the company received 220.1 GWh from these facilities. The company continues interaction with current and potential cogeneration developers regarding on-going and future cogeneration activities.

Program Description and Progress

Program Title: Conservation Value

Program Description: The Conservation Value Program is designed to encourage commercial/industrial customers to make cost-effective improvements to existing facilities. This rebate program is designed to recognize those investments in demand shifting or demand reduction measures that reduce Tampa Electric's peak demand. Measures funded in this program will not be covered under any other Tampa Electric commercial/industrial conservation programs. Candidates are identified through energy audits or their engineering consultants can submit proposals for funding which offer demand and energy reduction during weather sensitive peak periods helping reduce Tampa Electric's peak demand.

Program Accomplishments: January 1, 2019 to December 31, 2019

Number of customers participating: 0

Program Fiscal Expenditures: January 1, 2019 to December 31, 2019

Actual expenses were \$0.

Program Progress Summary: Through this reporting period 51 customers have participated.

Program Description and Progress

Program Title: Cool Roof

Program Description: The Cool Roof Program is designed to encourage commercial/industrial customers to make cost-effective improvements to existing facilities. The goal is to offer customer rebates for installing a cool roof system above conditioned spaces to help reduce their energy consumption and demand while reducing Tampa Electric's weather sensitive peak demand. Cool roofs reduce the heat load transferred into a building or facility by reflecting some of the sun's energy which reduces the load on commercial/industrial air conditioning and cooling equipment. Qualifying structures are eligible for a rebate based upon the total square footage of cool roof PVC membrane installed over conditioned space.

Program Accomplishments: January 1, 2019 to December 31, 2019

Number of customers participating: 15

Program Fiscal Expenditures: January 1, 2019 to December 31, 2019

Actual expenses were \$133,085.

Program Progress Summary: Through this reporting period 268 customers have participated.

Program Description and Progress

Program Title: Commercial Cooling

Program Description: The Commercial Cooling Program is designed to encourage commercial/industrial customers to make cost-effective improvements to existing facilities. The goal is to offer customer rebates for installing high efficiency heating and cooling systems to help reduce their energy consumption and demand while reducing Tampa Electric's weather sensitive peak demand. High efficiency heating and cooling systems require less demand and energy as compared to standard systems. This program will rebate commercial/industrial customers that install a qualifying air conditioning system.

Program Accomplishments: January 1, 2019 to December 31, 2019

Number of customers participating: 15

Program Fiscal Expenditures: January 1, 2019 to December 31, 2019

Actual expenses were \$2,281.

Program Progress Summary: Through this reporting period 2,338 customers have participated.

Program Description and Progress

Program Title: Demand Response

Program Description: Tampa Electric's Commercial Demand Response is a conservation and load management program intended to help alter the company's system load curve by reducing summer and winter demand peaks. The company will contract for a turn-key program that will induce commercial/industrial customers to reduce their demand for electricity in response to market signals. Reductions will be achieved through a mix of emergency backup generation, energy management systems, raising cooling set-points and turning off or dimming lights, signage, etc.

Program Accomplishments: January 1, 2019 to December 31, 2019

See Program Progress Summary below.

Program Fiscal Expenditures: January 1, 2019 to December 31, 2019

Actual expenses were \$3,901,968.

Program Progress Summary: Through this reporting period the company's vendor maintains a portfolio of participating customers providing an available total of 40 MW for demand response control.

Program Description and Progress

Program Title: Commercial Duct Repair

Program Description: The Commercial Duct Repair Program is designed to encourage commercial/industrial customers to make cost-effective improvements to existing facilities. The goal of this conservation program is to offer rebates for sealing existing facility's duct system to reduce demand and energy by decreasing the load on commercial HVAC equipment. This program eliminates or reduces areas of HVAC air distribution losses by sealing and repairing the ADS.

Program Accomplishments: January 1, 2019 to December 31, 2019

Number of customers participating: 0

Program Fiscal Expenditures: January 1, 2019 to December 31, 2019

Actual expenses were \$0.

Program Progress Summary: Through this reporting period 11,039 customers have participated.

Program Description and Progress

Program Title: Commercial Electronically Commutated Motors (ECM)

Program Description: The Commercial ECM Program is designed to encourage commercial/industrial customers to make cost-effective improvements to existing facilities. The goal of this conservation program is to offer rebates for installing electronically commutated motors in existing air conditioning and refrigeration equipment. The program is aimed at reducing energy and the growth of weather sensitive peak demand by encouraging customers to replace current induction motors with high efficiency ECM that exceed minimum product manufacturing standards.

Program Accomplishments: January 1, 2019 to December 31, 2019

Number of customers participating: 0

Program Fiscal Expenditures: January 1, 2019 to December 31, 2019

Actual expenses were \$0.

Program Progress Summary: Through this reporting period 1,512 customers have participated.

Program Description and Progress

Program Title: Industrial Load Management (GSLM 2&3)

Program Description: This load management program is for large industrial customers with interruptible loads of 500 kW or greater.

Program Accomplishments: January 1, 2019 to December 31, 2019

Net new customers participating: 1

Program Fiscal Expenditures: January 1, 2019 to December 31, 2019

Actual expenses were \$18,307,682.

Program Progress Summary: This program was approved by the Commission in Docket No. 990037-EI, Order No. PSC-99-1778-FOF-EI, issued September 10, 1999.

Beginning May 2009, Tampa Electric transferred existing IS (non-firm) customers to a new IS (firm) rate schedule. These customers are now incented under GSLM-2 or GSLM-3 rate riders with expenses recovered through the ECCR clause.

Program Description and Progress

Program Title: Commercial Street and Outdoor Lighting Conversion

Program Description: The Commercial Street and Outdoor Lighting Conversion program is designed to convert the company's existing metal halide and high-pressure sodium street and outdoor luminaires to light emitting diode luminaires. The program allows for the recovery of the remaining unamortized costs in rate base associated with the luminaires converted.

Program Accomplishments: January 1, 2019 to December 31, 2019

Number of luminaires retired: 32,366

Program Fiscal Expenditures: January 1, 2019 to December 31, 2019

Net expenditures were \$4,515,747.

Program Progress Summary: Through this reporting period 64,302 luminaires have been converted.

Program Description and Progress

Program Title: Lighting Conditioned Space

Program Description: The Lighting Conditioned Space Program is designed to encourage commercial/industrial customers to make cost-effective improvements to existing facilities. The goal is to offer customer rebates for installing energy efficient lighting technology and systems within conditioned space to help reduce their energy consumption and demand and reducing Tampa Electric's peak demand. Tampa Electric will provide a rebate to customers who install qualifying conditioned spaces lighting systems.

Program Accomplishments: January 1, 2019 to December 31, 2019

Number of customers participating: 421

Program Fiscal Expenditures: January 1, 2019 to December 31, 2019

Actual expenses were \$2,383,402.

Program Progress Summary: Through this reporting period 2,786 customers have participated.

Program Description and Progress

Program Title: Lighting Non-Conditioned Space

Program Description: The Lighting Non-Conditioned Space Program is designed to encourage commercial/industrial customers to make cost-effective improvements to existing facilities. The goal is to offer customer rebates for installing energy efficient outdoor lighting technology and systems or in non-conditioned spaces to help reduce their energy consumption and demand and reducing Tampa Electric's peak demand. Tampa Electric will provide a rebate to customers who install qualifying non-conditioned spaces lighting systems.

Program Accomplishments: January 1, 2019 to December 31, 2019

Number of customers participating: 132

Program Fiscal Expenditures: January 1, 2019 to December 31, 2019

Actual expenses were \$168,691.

Program Progress Summary: Through this reporting period 929 customers have participated.

Program Description and Progress

Program Title: Lighting Occupancy Sensors

Program Description: The Lighting Occupancy Sensors Program is designed to encourage commercial/industrial customers to make cost-effective improvements to existing facilities. The goal is to offer customer rebates for installing lighting occupancy sensors to efficiently control lighting systems to help reduce their energy consumption and demand and reducing Tampa Electric's peak demand. Tampa Electric will provide a rebate to customers who install qualifying occupancy sensors for lighting systems.

Program Accomplishments: January 1, 2019 to December 31, 2019

Number of customers participating: 3

Program Fiscal Expenditures: January 1, 2019 to December 31, 2019

Actual expenses were \$8,196.

Program Progress Summary: Through this reporting period 226 customers have participated.

Program Description and Progress

Program Title: Commercial Load Management

Program Description: The Commercial Load Management Program is intended to help alter Tampa Electric's system load curve by reducing summer and winter demand peaks. The goal is to offer customer incentives for allowing the installation and control of load management control equipment on specific technologies to reduce Tampa Electric's weather sensitive peak demand. Customers that participate in this program choose whether to have the technology controlled either interrupted for the entire control period or cycled during the control period. Tampa Electric will provide a monthly incentive credit to customers participating in this program.

Program Accomplishments: January 1, 2019 to December 31, 2019

Net new customers participating: 0

Program Fiscal Expenditures: January 1, 2019 to December 31, 2019

Actual expenses were \$7,053.

Program Progress Summary: Through this reporting period there are five participating customers on cyclic control and zero customers on extended control.

Program Description and Progress

Program Title: Refrigeration Anti-Condensate Control

Program Description: The Refrigeration Anti-Condensate Control Program is designed to encourage commercial/industrial customers to make cost-effective improvements to existing facilities. The goal is to offer customer rebates for installing energy efficient anti-condensate control technology for their refrigerated door heaters to help reduce their energy consumption and demand and reducing Tampa Electric's peak demand. Tampa Electric will provide a rebate to customers who install qualifying anti-condensate control systems.

Program Accomplishments: January 1, 2019 to December 31, 2019

Number of customers participating: 0

Program Fiscal Expenditures: January 1, 2019 to December 31, 2019

Actual expenses were \$0.

Program Progress Summary: Through this reporting period zero customers have participated.

Program Description and Progress

Program Title: Standby Generator

Program Description: The Standby Generator Program is designed to utilize the emergency generation capacity of commercial/industrial facilities in order to reduce weather sensitive peak demand. Tampa Electric provides the participating customers a 30-minute notice that their generation will be required. This allows customers time to start generators and arrange for orderly transfer of load. Tampa Electric meters and issues monthly credits for that portion of the generator's output that could serve normal building load after the notification time. Normal building load is defined as load (type, amount and time duration) that would have been served by Tampa Electric if the emergency generator did not operate. Under no circumstances will the generator deliver power to Tampa Electric's grid. Under the Environmental Protection Agency's rules, Tampa Electric classifies the Standby Generator Program as a non-emergency program.

Program Accomplishments: January 1, 2019 to December 31, 2019

Net new customers participating: 9

Program Fiscal Expenditures: January 1, 2019 to December 31, 2019

Actual expenses were \$3,680,754.

Program Progress Summary: Through this reporting period there are 102 participating customers.

Program Description and Progress

Program Title: Thermal Energy Storage

Program Description: The Commercial TES Program is designed to encourage commercial/industrial customers to make cost-effective improvements to existing facilities. The goal is to offer customer rebates for installing off-peak air conditioning systems to help reduce their demand while reducing Tampa Electric's weather sensitive peak demand. Tampa Electric will provide a rebate to customers who install qualifying TES systems.

Program Accomplishments: January 1, 2019 to December 31, 2019

Number of customers participating: 1

Program Fiscal Expenditures: January 1, 2019 to December 31, 2019

Actual expenses were \$157,921.

Program Progress Summary: Through this reporting period three customers have participated.

Program Description and Progress

Program Title: Commercial Wall Insulation

Program Description: The Commercial Wall Insulation Program is designed to encourage commercial/industrial customers to make cost-effective improvements to existing facilities. The goal is to offer customer rebates for installing wall insulation to help reduce their energy consumption and demand while reducing Tampa Electric's weather sensitive peak demand. Wall insulation is designed to reduce demand and energy by decreasing the load on commercial/industrial HVAC equipment. Qualifying structures are eligible for a rebate based upon the total square footage of insulation installed in exterior walls adjacent to conditioned spaces. Certificates for participation will be issued through energy audits or by direct evaluation of the current building envelope.

Program Accomplishments: January 1, 2019 to December 31, 2019

Number of customers participating: 0

Program Fiscal Expenditures: January 1, 2019 to December 31, 2019

Actual expenses were \$0.

Program Progress Summary: Through this reporting period two customers have participated.

Program Description and Progress

Program Title: Commercial Water Heating

Program Description: The Commercial Water Heating Program is designed to encourage commercial/industrial customers to make cost-effective improvements to existing facilities. The goal is to offer customer rebates for installing energy efficient water heating systems to help reduce their energy consumption and demand and reducing Tampa Electric's peak demand. Tampa Electric will provide a rebate to customers who install qualifying water heating systems.

Program Accomplishments: January 1, 2019 to December 31, 2019

Number of customers participating: 0

Program Fiscal Expenditures: January 1, 2019 to December 31, 2019

Actual expenses were \$793.

Program Progress Summary: Through this reporting period zero customers have participated.

Program Description and Progress

Program Title: DSM Research and Development (R&D)

Program Description: This program is in response to Rule 25-17.001 (5) (f), F.A.C., that requires aggressive R&D projects be "...an ongoing part of the practice of every well managed utility's programs." It is also in support of FPSC Order No. 22176 dated November 14, 1989, requiring utilities to "...pursue research, development, and demonstration projects designed to promote energy efficiency and conservation." R&D activity will be conducted on proposed measures to determine the impact to the company and its ratepayers and may occur at customer premises, Tampa Electric facilities or at independent test sites. Tampa Electric will report program progress through the annual ECCR True-Up filing and as communicated to the commission the company will also provide the results of R&D activities in the company's annual DSM Report.

Program Accomplishments: January 1, 2019 to December 31, 2019

See Program Progress Summary below.

Program Fiscal Expenditures: January 1, 2019 to December 31, 2019

Actual expenses were \$25,413.

Program Progress Summary: For 2019, Tampa Electric implemented the R&D project "Home Energy Monitoring System" into employee participating homes. The home energy monitoring equipment measures split phase voltage, total current, and current of certain dedicated circuits within the home to record energy and usage data. Tampa Electric also continues to research the addition of heat pump water heaters within the Energy Planner program as well as exploring large commercial electric vehicle battery storage.

Program Description and Progress

Program Title: Renewable Energy Program

Program Description: This program provides customers with the option to purchase 200 kWh blocks of renewable energy for five dollars per block to assist in the delivery of renewable energy to the company's grid system. This specific effort provides funding for renewable energy procurement, program administration, evaluation and market research.

Program Accomplishments: January 1, 2019 to December 31, 2019

Year-end customers participating:	1,394
Number of net customers participating:	-106
Blocks of energy purchased:	2,277
One-time blocks of energy sold:	183

Program Fiscal Expenditures: January 1, 2019 to December 31, 2019

Actual expenses were \$333,517.
Actual program revenues were \$149,440.

Program Progress Summary: Through this reporting period 48,486 monthly and one-time blocks of renewable energy have been purchased.

Program Description and Progress

Program Title: Common Expenses

Program Description: These are expenses common to all programs.

Program Accomplishments: January 1, 2019 to December 31, 2019

N/A

Program Fiscal Expenditures: January 1, 2019 to December 31, 2019

Actual expenses were \$580,895.

Program Progress Summary: N/A

Exhibit No. MRR-2 "Final Tax Savings Credit" (Updated)

Tampa Electric's - January 2020 "Final Tax Savings Credit"					
	Debit (Credit to Customers on Bills)	Credit (Amounts adjusted from Customers on Bills)	Net Credit to Customers on Bills	Debit (Credit to Customers - Journal entry to Clause)	Balance
					\$11,500,000.00
January	\$10,924,654.12	\$74,475.82	\$10,850,178.30		\$649,821.70
February	\$94,528.55	\$69,637.57	\$24,890.98		\$624,930.72
March	\$42,301.09	\$48,851.09	-\$6,550.00	\$632,147.83	-\$667.11
April	\$4,640.90	\$4,770.98	-\$130.08		-\$537.03
May	\$6,727.66	\$5,700.87	\$1,026.79	-\$1,540.78	-\$23.04
June	\$1,879.46	\$1,471.66	\$407.80	-\$430.84	\$0.00

87

FLORIDA PUBLIC SERVICE COMMISSION
 DOCKET: 20200002-EG EXHIBIT: 15
 PARTY: MRR-2
 DESCRIPTION: Reporting and final update of refund "Final Tax Savings Credit"

CONSERVATION COSTS
PROJECTED

INDEX

<u>SCHEDULE</u>	<u>TITLE</u>	<u>PAGE</u>
—	Calculation Of Energy & Demand Allocation % By Rate Class	15
C-1	Summary of Cost Recovery Clause Calculation	16
C-2	Program Costs - Projected	17
C-3	Program Costs - Actual and Projected	26
C-4	Calculation of Conservation Revenues	41
C-5	Program Description and Progress	42

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20200002-EG EXHIBIT: 16
PARTY: MRR-3
DESCRIPTION: Schedules supporting
conservation costs projected for the period
January 2021 – December 2021

TAMPA ELECTRIC COMPANY
 CALCULATION OF ENERGY & DEMAND ALLOCATION BY RATE CLASS
 JANUARY 2021 THROUGH DECEMBER 2021
 Projected

	(1) AVG 12CP Load Factor at Meter (%)	(2) Projected Sales at Meter (MWh)	(3) Projected AVG 12 CP at Meter (MWh)	(4) Demand Loss Expansion Factor	(5) Energy Loss Expansion Factor	(6) Projected Sales at Generation (MWh)	(7) Projected AVG 12 CP at Generation (MWh)	(8) Percentage of Sales at Generation (%)	(9) Percentage of Demand at Generation (%)	(10) 12 CP & 1/13 Avg Demand Factor (%)
RS	53.49%	9,684,803	2,067	1.08051	1.05263	10,194,472	2,233	49.67%	58.72%	58.02%
GS, CS	56.42%	902,049	182	1.08051	1.05261	949,504	197	4.63%	5.18%	5.14%
GSD Optional	3.42%	360,212	55	1.07583	1.04913	377,910	59	1.84%	1.55%	1.57%
GSD, SBF,RSD	71.57%	7,544,170	1,148	1.07583	1.04913	7,914,823	1,236	38.57%	32.50%	32.97%
IS,SBI	145.94%	927,861	73	1.02893	1.01716	943,787	75	4.60%	1.97%	2.17%
LS1, LS2	578.30%	134,246	3	1.08051	1.05263	141,311	3	0.69%	0.08%	0.13%
TOTAL		19,553,341	3,528			20,521,807	3,803	100%	100%	100%

15

- (1) AVG 12 CP load factor based on projected 2020 calendar data.
- (2) Projected MWH sales for the period Jan. 2021 thru Dec. 2021
- (3) Calculated: Col (2) / (8760*Col (1)).
- (4) Based on 2020 projected demand losses.
- (5) Based on 2020 projected energy losses.
- (6) Col (2) * Col (5).
- (7) Col (3) * Col (4).
- (8) Col (6) / total for Col (6).
- (9) Col (7) / total for Col (7).
- (10) Col (8) * 0.0769 + Col (9) * 0.9231

NOTE: Interruptible rates not included in demand allocation of capacity payments.

C-1

TAMPA ELECTRIC COMPANY
 Energy Conservation Adjustment
 Summary of Cost Recovery Clause Calculation
 For Months January 2021 through December 2021

1. Total Incremental Cost	46,789,811	
2. Demand Related Incremental Costs	27,259,974	
3. Energy Related Incremental Costs	19,529,837	0

RETAIL BY RATE CLASS

	<u>RS</u>	<u>GS,CS</u>	GSD, SBF <u>RSD</u>	GSD <u>OPTIONAL</u>	<u>IS, SBI</u>	<u>LS1, LS2</u>	<u>Total</u>
4. Demand Allocation Percentage	58.02%	5.14%	32.97%	1.57%	2.17%	0.13%	100.00%
5. Demand Related Incremental Costs (Total cost prorated based on demand allocation % above)	15,816,237	1,401,163	8,987,613	427,982	591,541	35,438	<u>27,259,974</u>
6. Demand Portion of End of Period True Up (O)/U Recovery Shown on Schedule C-3, Pg 6 (Allocation of D & E is based on the forecast period cost.)	<u>(5,919,397)</u>	<u>(524,400)</u>	<u>(3,363,711)</u>	<u>(160,177)</u>	<u>(221,391)</u>	<u>(13,263)</u>	<u>(10,202,339)</u>
7. Total Demand Related Incremental Costs	<u>9,896,840</u>	<u>876,762</u>	<u>5,623,902</u>	<u>267,805</u>	<u>370,151</u>	<u>22,175</u>	<u>17,057,635</u>
8. Energy Allocation Percentage	49.67%	4.63%	38.57%	1.84%	4.60%	0.69%	100.00%
9. Net Energy Related Incremental Costs	9,700,470	904,231	7,532,658	359,349	898,372	134,756	<u>19,529,837</u>
10. Energy Portion of End of Period True Up (O)/U Recovery Shown on Schedule C-3, Pg 6 (Allocation of D & E is based on the forecast period cost.)	<u>(3,521,484)</u>	<u>(328,256)</u>	<u>(2,734,521)</u>	<u>(130,452)</u>	<u>(326,129)</u>	<u>(48,919)</u>	<u>(7,089,761)</u>
11. Total Net Energy Related Incremental Costs	<u>6,178,986</u>	<u>575,976</u>	<u>4,798,137</u>	<u>228,897</u>	<u>572,243</u>	<u>85,837</u>	<u>12,440,076</u>
<hr/>							
12. Total Incremental Costs (Line 5 + 9)	25,516,707	2,305,394	16,520,271	787,331	1,489,914	170,194	46,789,811
13. Total True Up (Over)/Under Recovery (Line 6 + 10) (Schedule C-3, Pg 6, Line 11) (Allocation of D & E is based on the forecast period cost.)	<u>(9,440,881)</u>	<u>(852,656)</u>	<u>(6,098,232)</u>	<u>(290,628)</u>	<u>(547,520)</u>	<u>(62,182)</u>	<u>(17,292,100)</u>
14. Total (Line 12 + 13)	<u>16,075,825</u>	<u>1,452,738</u>	<u>10,422,040</u>	<u>496,702</u>	<u>942,394</u>	<u>108,011</u>	<u>29,497,711</u>
15. Retail MWH Sales	9,684,803	902,049	7,544,170	360,212	927,861	134,246	19,553,341
16. Effective MWH at Secondary	9,684,803	902,049	7,544,170	360,212	927,861	134,246	19,553,341
17. Projected Billed KW at Meter	*	*	17,528,483	*	1,986,004	*	
18. Cost per KWH at Secondary (Line 14/Line 16)	0.16599	0.16105	*	0.13789	*	0.08046	
19. Revenue Tax Expansion Factor	1.00072	1.00072	1.00072	1.00072	1.00072	1.00072	
20. Adjustment Factor Adjusted for Taxes	0.1661	0.1612	*	0.1380	*	0.0805	
21. Conservation Adjustment Factor (cents/KWH)							
<u>RS, GS, CS, GSD Optional and LS1 Rates (cents/KWH) *</u>							
- Secondary	<u>0.166</u>	<u>0.161</u>		<u>0.138</u>		<u>0.081</u>	
- Primary				<u>0.137</u>			
- Subtransmission				<u>0.135</u>			
<u>GSD, SBF, IS Standard Rates (\$/KW) *</u>							
<u>Full Requirement</u>							
- Secondary	*	*	<u>0.60</u>	*		*	
- Primary	*	*	<u>0.59</u>	*	<u>0.47</u>	*	
- Subtransmission	*	*	<u>0.58</u>	*	<u>0.47</u>	*	

* (ROUNDED TO NEAREST .001 PER KWH or KW)

TAMPA ELECTRIC COMPANY
Conservation Program Costs

Estimated For Months January 2021 through December 2021

ESTIMATED

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
D0083437 Residential Walk-Through Energy Audit	131,080	128,630	131,855	165,380	125,630	129,730	135,580	134,651	133,830	133,940	129,000	180,989	1,660,294
D0083432 Residential Customer Assisted Audit	597	597	697	597	597	597	398,597	597	597	697	597	597	405,366
D0083434, D0083317 Residential Computer Assisted Audit	0	0	863	0	0	0	863	0	300	0	863	0	2,888
D0083526 Residential Ceiling Insulation	11,628	11,547	11,297	12,074	13,271	13,271	15,696	15,696	15,696	13,271	13,271	10,847	157,566
D0083530 Residential Duct Repair	9,845	9,764	9,514	9,064	9,064	9,064	9,064	9,064	9,064	9,564	9,064	9,064	111,197
D0083488 Energy Education, Awareness and Agency Outreach	21,952	21,947	21,942	21,937	21,932	21,928	21,923	32,718	21,913	21,909	21,904	21,899	273,904
D0083546 Energy Star Multi-Family	0	0	0	0	0	0	0	0	105,393	0	0	0	105,393
D0083541 Energy Star for New Homes	92,798	92,798	92,798	94,251	92,668	92,688	92,688	92,688	95,468	92,688	93,468	92,688	1,117,668
D0091086 Energy Star Pool Pumps	11,747	11,806	11,834	18,834	18,834	18,892	27,612	27,642	27,612	27,584	27,584	27,525	257,506
D0091087 Energy Star Thermostats	5,328	5,388	5,415	5,443	5,501	5,673	5,673	5,673	5,673	5,673	5,587	5,501	66,527
D0083332 Residential Heating and Cooling	33,106	40,204	43,560	50,291	50,260	53,866	53,866	53,866	50,260	43,110	36,530	29,513	538,435
D0083538 Neighborhood Weatherization	338,973	338,973	338,973	338,973	338,973	338,973	340,473	340,473	340,473	338,973	338,973	338,969	4,072,170
D0083542 Energy Planner	306,703	297,078	298,159	388,092	297,473	298,888	300,468	301,996	303,413	308,238	310,284	308,779	3,719,573
D0091106 Residential Prime Time Plus	531	531	531	531	531	531	531	531	531	531	531	531	6,370
D0083486 Residential Window Replacement	17,744	17,663	17,413	16,963	16,963	16,963	16,963	16,963	16,963	16,963	16,963	16,963	205,493
D0083335 Prime Time	871	871	3,871	871	871	3,871	871	871	1,171	871	871	3,871	19,754
D0083447 Commercial/Industrial Audit (Free)	34,606	32,256	33,856	31,256	32,756	31,606	33,256	33,256	32,756	32,156	33,256	31,252	392,269
D0083446 Comprehensive Commercial/Industrial Audit (Paid)	0	0	1,078	0	1,078	0	0	1,078	0	0	1,078	0	4,311
D0083534 Commercial Chiller	0	0	0	3,754	3,754	0	0	3,754	3,754	3,754	0	0	18,770

TAMPA ELECTRIC COMPANY
Conservation Program Costs

Estimated For Months January 2021 through December 2021

ESTIMATED

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
D0083487 Cogeneration	4,766	4,766	5,624	5,047	4,738	4,779	5,417	3,935	5,012	5,302	4,514	4,291	58,191
D0083318 Conservation Value	0	81,828	290	0	0	0	0	0	0	0	0	0	82,118
D0083540 Commercial Cooling	525	0	0	924	0	0	924	475	0	450	899	475	4,671
D0083533 Demand Response	256,089	256,089	256,089	256,089	256,089	256,089	256,089	256,089	256,089	256,089	260,089	256,089	3,077,070
D0091107 Facility Energy Management System	39,650	39,550	39,585	39,585	39,621	39,657	41,621	39,621	39,621	39,657	41,657	39,621	479,447
D0083506 Industrial Load Management (GLSM 2&3)	1,429,051	1,429,051	1,429,051	1,428,761	1,428,761	1,428,761	1,428,761	1,428,761	1,428,761	1,428,761	1,428,761	1,429,051	17,146,295
D0083547 LED Street and Outdoor Conversion Program	458,125	458,125	458,125	458,125	458,125	458,125	458,125	458,125	458,125	458,125	458,125	458,125	5,497,500
D0083528 Lighting Conditioned Space	46,746	60,849	46,396	75,327	75,327	31,942	33,092	31,942	46,396	60,849	47,396	46,546	602,808
D0083544 Lighting Non-Conditioned Space	31,702	14,442	20,146	12,136	14,442	9,214	8,864	14,442	12,161	8,714	9,214	12,311	167,789
D0083535 Lighting Occupancy Sensors	2,673	1,400	1,400	1,400	2,673	1,400	1,400	2,673	1,400	1,400	1,400	1,400	20,615
D0083527 CILM (GLSM 1)	0	0	0	945	945	945	945	945	945	945	0	0	6,615
D0091108 Commercial Smart Thermostats	14,326	14,226	14,728	15,204	15,204	15,204	15,878	14,728	14,728	14,728	15,728	14,878	179,561
D0083529 Standby Generator	324,598	324,598	326,203	326,203	326,203	327,808	327,808	327,808	357,808	357,808	358,808	357,808	4,043,461
D0091109 Variable Frequency Drive Control for Compressors	6,945	6,845	6,941	7,036	6,941	6,941	7,686	6,941	6,941	6,941	7,536	7,091	84,783
D0083537 Commercial Water Heating	0	0	0	0	2,191	0	0	0	0	0	0	0	2,191
D0083539 Conservation Research and Development	332	119	332	119	119	332	119	119	332	119	332	119	2,495
D0083531 Renewable Energy Program (Sun to Go)	8,803	(7,524)	(7,483)	(7,881)	(7,790)	167,186	(7,881)	(7,856)	(7,881)	(7,947)	(7,922)	(7,947)	97,877
D0083328 Common Expenses	160,493	56,498	85,102	61,355	57,513	60,585	59,271	58,630	67,358	60,584	58,808	60,803	846,998
D0090066 Integrated Renewable Energy System (Pilot)	69,866	95,606	121,224	120,647	120,070	119,493	118,916	118,339	117,762	117,186	116,609	116,032	1,351,751
Total All Programs	<u>3,872,198</u>	<u>3,846,522</u>	<u>3,827,408</u>	<u>3,959,335</u>	<u>3,831,331</u>	<u>3,965,003</u>	<u>4,211,141</u>	<u>3,827,236</u>	<u>3,970,425</u>	<u>3,859,634</u>	<u>3,841,777</u>	<u>3,875,679</u>	<u>46,887,688</u>
Less Renewable Energy Expenses	<u>8,803</u>	<u>(7,524)</u>	<u>(7,483)</u>	<u>(7,881)</u>	<u>(7,790)</u>	<u>167,186</u>	<u>(7,881)</u>	<u>(7,856)</u>	<u>(7,881)</u>	<u>(7,947)</u>	<u>(7,922)</u>	<u>(7,947)</u>	<u>97,877</u>
Total Recoverable Conservation Expenses	<u>3,863,395</u>	<u>3,854,046</u>	<u>3,834,891</u>	<u>3,967,215</u>	<u>3,839,120</u>	<u>3,797,817</u>	<u>4,219,021</u>	<u>3,835,092</u>	<u>3,978,305</u>	<u>3,867,581</u>	<u>3,849,699</u>	<u>3,883,627</u>	<u>46,789,811</u>
<u>Summary of Demand & Energy</u>													
Energy	1,583,558	1,618,255	1,566,738	1,668,708	1,588,132	1,540,162	1,964,628	1,580,544	1,688,567	1,579,512	1,557,622	1,593,410	19,529,837
Demand	<u>2,279,837</u>	<u>2,235,791</u>	<u>2,268,153</u>	<u>2,298,507</u>	<u>2,250,988</u>	<u>2,257,655</u>	<u>2,254,393</u>	<u>2,254,548</u>	<u>2,289,738</u>	<u>2,288,069</u>	<u>2,292,077</u>	<u>2,290,217</u>	<u>27,259,974</u>
Total Recoverable Conserv. Expenses	<u>3,863,395</u>	<u>3,854,046</u>	<u>3,834,891</u>	<u>3,967,215</u>	<u>3,839,120</u>	<u>3,797,817</u>	<u>4,219,021</u>	<u>3,835,092</u>	<u>3,978,305</u>	<u>3,867,581</u>	<u>3,849,699</u>	<u>3,883,627</u>	<u>46,789,811</u>

18

TAMPA ELECTRIC COMPANY
Conservation Program Costs

Estimated For Months January 2021 through December 2021

Program Name	(A) Capital Investment	(B) Payroll & Benefits	(C) Materials & Supplies	(D) Outside Services	(E) Advertising	(F) Incentives	(G) Vehicles	(H) Other	(I) Program Revenues	(J) Total
D0083437 Residential Walk-Through Energy Audit	0	971,659	6,600	0	521,000	0	122,800	38,235	0	1,660,294
D0083432 Residential Customer Assisted Audit	0	7,166	200	398,000	0	0	0	0	0	405,366
D0083434, D0083317 Residential Computer Assisted Audit	0	2,588	0	0	0	0	0	300	0	2,888
D0083526 Residential Ceiling Insulation	0	46,120	0	0	0	109,275	240	1,931	0	157,566
D0083530 Residential Duct Repair	0	28,966	0	500	0	79,200	600	1,931	0	111,197
D0083488 Energy Education, Awareness and Agency Outreach	10,264	201,072	15,600	16,008	0	10,800	0	20,160	0	273,904
D0083546 Energy Star Multi-Family	0	393	0	0	0	105,000	0	0	0	105,393
D0083541 Energy Star for New Homes	0	31,785	0	0	1,563	1,080,000	480	3,840	0	1,117,668
D0091086 Energy Star Pool Pumps	0	16,006	0	0	0	241,500	0	0	0	257,506
D0091087 Energy Star Thermostats	0	24,527	0	0	0	42,000	0	0	0	66,527
D0083332 Residential Heating and Cooling	0	72,133	0	0	0	462,375	360	3,567	0	538,435
D0083538 Neighborhood Weatherization	0	812,458	61,200	0	200,000	2,950,992	36,600	10,920	0	4,072,170
D0083542 Energy Planner	1,061,866	1,157,738	28,300	919,235	426,000	0	35,748	90,686	0	3,719,573
D0091106 Residential Prime Time Plus	0	6,370	0	0	0	0	0	0	0	6,370
D0083486 Residential Window Replacement	0	51,642	0	0	0	151,200	480	2,171	0	205,493
D0083335 Prime Time	0	9,554	0	9,300	0	0	0	900	0	19,754
D0083447 Commercial/Industrial Audit (Free)	0	320,869	3,700	0	50,000	0	3,000	14,700	0	392,269
D0083446 Comprehensive Commercial/Industrial Audit (Paid)	0	1,991	0	2,000	0	0	320	0	0	4,311
D0083534 Commercial Chiller	0	1,145	0	0	0	17,500	125	0	0	18,770

TAMPA ELECTRIC COMPANY
Conservation Program Costs

Estimated For Months January 2021 through December 2021

Program Name	(A) Capital Investment	(B) Payroll & Benefits	(C) Materials & Supplies	(D) Outside Services	(E) Advertising	(F) Incentives	(G) Vehicles	(H) Other	(I) Program Revenues	(J) Total
D0083487 Cogeneration	0	56,991	0	0	0	0	1,200	0	0	58,191
D0083318 Conservation Value	0	1,526	0	542	0	80,000	50	0	0	82,118
D0083540 Commercial Cooling	0	2,296	0	0	0	2,200	125	50	0	4,671
D0083533 Demand Response	0	33,170	0	0	0	3,038,400	1,500	4,000	0	3,077,070
D0091107 Facility Energy Management System	0	24,447	0	0	0	450,000	900	4,100	0	479,447
D0083506 Industrial Load Management (GLSM 2&3)	0	43,595	0	0	0	17,100,000	2,700	0	0	17,146,295
D0083547 LED Street and Outdoor Conversion Program	0	0	0	0	0	0	0	5,625,000	(127,500)	5,497,500
D0083528 Lighting Conditioned Space	0	63,258	250	0	0	536,250	650	2,400	0	602,808
D0083544 Lighting Non-Conditioned Space	0	51,864	0	0	0	114,000	525	1,400	0	167,789
D0083535 Lighting Occupancy Sensors	0	2,315	0	0	0	18,000	300	0	0	20,615
D0083527 CILM (GLSM 1)	0	0	0	0	0	6,615	0	0	0	6,615
D0091108 Commercial Smart Thermostats	0	32,611	0	0	0	144,000	550	2,400	0	179,561
D0083529 Standby Generator	0	44,316	0	150,000	0	3,824,145	1,200	23,800	0	4,043,461
D0091109 Variable Frequency Drive Control for Compressors	0	23,083	0	0	0	60,000	300	1,400	0	84,783
D0083537 Commercial Water Heating	0	166	0	0	0	2,000	25	0	0	2,191
D0083539 Conservation Research and Development	0	2,495	0	0	0	0	0	0	0	2,495
D0083531 Renewable Energy Program (Sun to Go)	0	23,687	750	190,000	0	0	100	1,000	(117,660)	97,877
D0083328 Common Expenses	0	529,808	400	100,100	0	0	0	216,690	0	846,998
D0090066 Integrated Renewable Energy System (Pilot)	1,346,974	4,777	0	0	0	0	0	0	0	1,351,751
Total All Programs	<u>2,419,104</u>	<u>4,704,585</u>	<u>117,000</u>	<u>1,785,685</u>	<u>1,198,563</u>	<u>30,625,452</u>	<u>210,878</u>	<u>6,071,581</u>	<u>(245,160)</u>	<u>46,887,688</u>
Less Renewable Energy Expenses	<u>0</u>	<u>23,687</u>	<u>750</u>	<u>190,000</u>	<u>0</u>	<u>0</u>	<u>100</u>	<u>1,000</u>	<u>(117,660)</u>	<u>97,877</u>
Total Recoverable Conservation Expenses	<u>2,419,104</u>	<u>4,680,898</u>	<u>116,250</u>	<u>1,595,685</u>	<u>1,198,563</u>	<u>30,625,452</u>	<u>210,778</u>	<u>6,070,581</u>	<u>(127,500)</u>	<u>46,789,811</u>
<u>Summary of Demand & Energy</u>										
Energy	1,214,684	3,696,484	101,900	926,717	985,563	6,656,292	187,504	5,888,193	(127,500)	19,529,838
Demand	<u>1,204,420</u>	<u>984,414</u>	<u>14,350</u>	<u>668,968</u>	<u>213,000</u>	<u>23,969,160</u>	<u>23,274</u>	<u>182,388</u>	<u>0</u>	<u>27,259,973</u>
Total Recoverable Conserv. Expenses	<u>2,419,104</u>	<u>4,680,898</u>	<u>116,250</u>	<u>1,595,685</u>	<u>1,198,563</u>	<u>30,625,452</u>	<u>210,778</u>	<u>6,070,581</u>	<u>(127,500)</u>	<u>46,789,811</u>

TAMPA ELECTRIC COMPANY
Schedule of Capital Investment, Depreciation and Return
Estimated For Months January 2021 through December 2021
PRICE RESPONSIVE LOAD MANAGEMENT

	Beginning of Period	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
1. Investment		217,327	129,092	129,092	129,092	129,092	129,092	129,092	129,092	129,092	129,092	129,092	129,092	1,637,341
2. Retirements		84,005	109,085	127,551	61,833	46,833	87,818	26,316	93,121	38,688	49,204	59,032	400	
3. Depreciation Base		4,051,497	4,071,504	4,073,045	4,140,304	4,222,563	4,263,838	4,366,615	4,402,586	4,492,991	4,572,879	4,642,939	4,771,631	52,072,392
4. Depreciation Expense		<u>66,414</u>	<u>67,692</u>	<u>67,871</u>	<u>68,445</u>	<u>69,691</u>	<u>70,720</u>	<u>71,920</u>	<u>73,077</u>	<u>74,130</u>	<u>75,549</u>	<u>76,798</u>	<u>78,455</u>	<u>860,762</u>
5. Cumulative Investment	3,918,175	4,051,497	4,071,504	4,073,045	4,140,304	4,222,563	4,263,838	4,366,615	4,402,586	4,492,991	4,572,879	4,642,939	4,771,631	4,771,631
6. Less: Accumulated Depreciation	1,805,986	<u>1,788,395</u>	<u>1,747,002</u>	<u>1,687,322</u>	<u>1,693,934</u>	<u>1,716,792</u>	<u>1,699,694</u>	<u>1,745,298</u>	<u>1,725,254</u>	<u>1,760,696</u>	<u>1,787,041</u>	<u>1,804,807</u>	<u>1,882,862</u>	<u>1,882,862</u>
7. Net Investment	<u>2,112,189</u>	<u>2,263,102</u>	<u>2,324,502</u>	<u>2,385,723</u>	<u>2,446,370</u>	<u>2,505,771</u>	<u>2,564,144</u>	<u>2,621,317</u>	<u>2,677,332</u>	<u>2,732,295</u>	<u>2,785,838</u>	<u>2,838,132</u>	<u>2,888,769</u>	<u>2,888,769</u>
8. Average Investment		2,187,646	2,293,802	2,355,113	2,416,047	2,476,071	2,534,958	2,592,731	2,649,325	2,704,814	2,759,067	2,811,985	2,863,451	
9. Return on Average Investment - Equity Component		11,199	11,743	12,056	12,368	12,676	12,977	13,273	13,563	13,847	14,124	14,395	14,659	156,880
10. Return on Average Investment - Debt Component		<u>3,157</u>	<u>3,310</u>	<u>3,399</u>	<u>3,487</u>	<u>3,573</u>	<u>3,658</u>	<u>3,742</u>	<u>3,823</u>	<u>3,903</u>	<u>3,982</u>	<u>4,058</u>	<u>4,132</u>	<u>44,224</u>
11. Total Depreciation and Return		<u>80,770</u>	<u>82,745</u>	<u>83,326</u>	<u>84,300</u>	<u>85,940</u>	<u>87,355</u>	<u>88,935</u>	<u>90,463</u>	<u>91,880</u>	<u>93,655</u>	<u>95,251</u>	<u>97,246</u>	<u>1,061,866</u>

NOTES:

Note: Depreciation expense is calculated using a useful life of 60 months.

Line 9 x 6.1431% x 1/12 (Jan-Dec). Based on ROE of 10.25% and weighted income tax rate of 24.522% (expansion factor of 1.32830).

Line 10 x 1.7317% x 1/12 (Jan-Dec).

TAMPA ELECTRIC COMPANY
 Schedule of Capital Investment, Depreciation and Return
 Estimated For Months January 2021 through December 2021
 INDUSTRIAL LOAD MANAGEMENT

	Beginning of Period	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
1. Investment		0	0	0	0	0	0	0	0	0	0	0	0	0
2. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
3. Depreciation Base		0	0	0	0	0	0	0	0	0	0	0	0	
4. Depreciation Expense		<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
5. Cumulative Investment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6. Less: Accumulated Depreciation	0	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
7. Net Investment	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
8. Average Investment		0	0	0	0	0	0	0	0	0	0	0	0	
9. Return on Average Investment - Equity Component		0	0	0	0	0	0	0	0	0	0	0	0	0
10. Return on Average Investment - Debt Component		<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
11. Total Depreciation and Return		<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>

NOTES:
 Note: Depreciation expense is calculated using a useful life of 60 months.
 Line 9 x 6.1431% x 1/12 (Jan-Dec). Based on ROE of 10.25% and weighted income tax rate of 24.522% (expansion factor of 1.32830).
 Line 10 x 1.7317% x 1/12 (Jan-Dec).

22

TAMPA ELECTRIC COMPANY
Schedule of Capital Investment, Depreciation and Return

Estimated For Months January 2021 through December 2021

ENERGY EDUCATION AWARENESS AND AGENCY OUTREACH

	Beginning of Period	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
1. Investment		0	0	0	0	0	0	0	0	0	0	0	0	0
2. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
3. Depreciation Base		43,732	43,732	43,732	43,732	43,732	43,732	43,732	43,732	43,732	43,732	43,732	43,732	
4. Depreciation Expense		<u>729</u>	<u>729</u>	<u>729</u>	<u>729</u>	<u>729</u>	<u>729</u>	<u>729</u>	<u>729</u>	<u>729</u>	<u>729</u>	<u>729</u>	<u>729</u>	<u>8,748</u>
5. Cumulative Investment	43,732	43,732	43,732	43,732	43,732	43,732	43,732	43,732	43,732	43,732	43,732	43,732	43,732	43,732
6. Less: Accumulated Depreciation	20,087	<u>20,816</u>	<u>21,545</u>	<u>22,274</u>	<u>23,003</u>	<u>23,732</u>	<u>24,461</u>	<u>25,190</u>	<u>25,919</u>	<u>26,648</u>	<u>27,377</u>	<u>28,106</u>	<u>28,835</u>	<u>28,835</u>
7. Net Investment	<u>23,645</u>	<u>22,916</u>	<u>22,187</u>	<u>21,458</u>	<u>20,729</u>	<u>20,000</u>	<u>19,271</u>	<u>18,542</u>	<u>17,813</u>	<u>17,084</u>	<u>16,355</u>	<u>15,626</u>	<u>14,897</u>	<u>14,897</u>
8. Average Investment		23,281	22,552	21,823	21,094	20,365	19,636	18,907	18,178	17,449	16,720	15,991	15,262	
9. Return on Average Investment - Equity Component		119	115	112	108	104	101	97	93	89	86	82	78	1,184
10. Return on Average Investment - Debt Component		<u>34</u>	<u>33</u>	<u>31</u>	<u>30</u>	<u>29</u>	<u>28</u>	<u>27</u>	<u>26</u>	<u>25</u>	<u>24</u>	<u>23</u>	<u>22</u>	<u>332</u>
11. Total Depreciation and Return		<u>882</u>	<u>877</u>	<u>872</u>	<u>867</u>	<u>862</u>	<u>858</u>	<u>853</u>	<u>848</u>	<u>843</u>	<u>839</u>	<u>834</u>	<u>829</u>	<u>10,264</u>

NOTES:

Note: Depreciation expense is calculated using a useful life of 60 months.

Line 9 x 6.1431% x 1/12 (Jan-Dec). Based on ROE of 10.25% and weighted income tax rate of 24.522% (expansion factor of 1.32830).

Line 10 x 1.7317% x 1/12 (Jan-Dec).

TAMPA ELECTRIC COMPANY
 Schedule of Capital Investment, Depreciation and Return
 Estimated For Months January 2021 through December 2021
 COMMERCIAL LOAD MANAGEMENT

	Beginning of Period	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
1. Investment		0	0	0	0	0	0	0	0	0	0	0	0	0
2. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
3. Depreciation Base		0	0	0	0	0	0	0	0	0	0	0	0	
4. Depreciation Expense		<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
5. Cumulative Investment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6. Less: Accumulated Depreciation	0	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
7. Net Investment	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
8. Average Investment		0	0	0	0	0	0	0	0	0	0	0	0	
9. Return on Average Investment - Equity Component		0	0	0	0	0	0	0	0	0	0	0	0	0
10. Return on Average Investment - Debt Component		<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
11. Total Depreciation and Return		<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>

NOTES:
 Note: Depreciation expense is calculated using a useful life of 60 months.
 Line 9 x 6.1431% x 1/12 (Jan-Dec). Based on ROE of 10.25% and weighted income tax rate of 24.522% (expansion factor of 1.32830).
 Line 10 x 1.7317% x 1/12 (Jan-Dec).

24

TAMPA ELECTRIC COMPANY
Schedule of Capital Investment, Depreciation and Return
Estimated For Months January 2021 through December 2021
INTEGRATED RENEWABLE ENERGY SYSTEM

	Beginning of Period	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
1. Investment		0	2,250,000	0	0	0	0	0	0	0	0	0	0	2,250,000
2. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
3. Depreciation Base		3,024,552	5,274,552	5,274,552	5,274,552	5,274,552	5,274,552	5,274,552	5,274,552	5,274,552	5,274,552	5,274,552	5,274,552	
4. Depreciation Expense		<u>50,409</u>	<u>69,159</u>	<u>87,909</u>	<u>87,909</u>	<u>87,909</u>	<u>87,909</u>	<u>87,909</u>	<u>87,909</u>	<u>87,909</u>	<u>87,909</u>	<u>87,909</u>	<u>87,909</u>	<u>998,658</u>
5. Cumulative Investment	3,024,552	3,024,552	5,274,552	5,274,552	5,274,552	5,274,552	5,274,552	5,274,552	5,274,552	5,274,552	5,274,552	5,274,552	5,274,552	5,274,552
6. Less: Accumulated Depreciation	94,977	<u>145,386</u>	<u>214,545</u>	<u>302,454</u>	<u>390,363</u>	<u>478,272</u>	<u>566,181</u>	<u>654,090</u>	<u>741,999</u>	<u>829,908</u>	<u>917,817</u>	<u>1,005,726</u>	<u>1,093,635</u>	<u>1,093,635</u>
7. Net Investment	<u>2,929,575</u>	<u>2,879,166</u>	<u>5,060,007</u>	<u>4,972,098</u>	<u>4,884,189</u>	<u>4,796,280</u>	<u>4,708,371</u>	<u>4,620,462</u>	<u>4,532,553</u>	<u>4,444,644</u>	<u>4,356,735</u>	<u>4,268,826</u>	<u>4,180,917</u>	<u>4,180,917</u>
8. Average Investment		2,904,371	3,969,587	5,016,053	4,928,144	4,840,235	4,752,326	4,664,417	4,576,508	4,488,599	4,400,690	4,312,781	4,224,872	
9. Return on Average Investment - Equity Component		14,868	20,321	25,678	25,228	24,778	24,328	23,878	23,428	22,978	22,528	22,078	21,628	271,719
10. Return on Average Investment - Debt Component		<u>4,191</u>	<u>5,728</u>	<u>7,239</u>	<u>7,112</u>	<u>6,985</u>	<u>6,858</u>	<u>6,731</u>	<u>6,604</u>	<u>6,477</u>	<u>6,351</u>	<u>6,224</u>	<u>6,097</u>	<u>76,597</u>
11. Total Depreciation and Return		<u>69,468</u>	<u>95,208</u>	<u>120,826</u>	<u>120,249</u>	<u>119,672</u>	<u>119,095</u>	<u>118,518</u>	<u>117,941</u>	<u>117,364</u>	<u>116,788</u>	<u>116,211</u>	<u>115,634</u>	<u>1,346,974</u>

NOTES:

Note: Depreciation expense is calculated using a useful life of 60 months.

Line 9 x 6.1431% x 1/12 (Jan-Dec). Based on ROE of 10.25% and weighted income tax rate of 24.522% (expansion factor of 1.32830).

Line 10 x 1.7317% x 1/12 (Jan-Dec).

TAMPA ELECTRIC COMPANY
Conservation Program Costs

Actual for Months January 2020 through June 2020
Projected for Months July 2020 through December 2020

Program Name	Capital Investment	Payroll & Benefits	Materials & Supplies	Outside Services	Advertising	Incentives	Vehicle	Other	Program Revenues	Total
D0083437 Residential Walk-Through Energy Audit										
Actual	0	564,926	612	0	56,930	0	30,762	8,870	0	662,100
Projected	0	<u>728,482</u>	<u>3,200</u>	0	<u>306,358</u>	0	<u>61,400</u>	<u>16,540</u>	0	<u>1,115,980</u>
Total	0	1,293,408	3,812	0	363,288	0	92,162	25,410	0	1,778,080
D0083432 Residential Customer Assisted Audit										
Actual	0	2,024	0	0	0	0	0	0	0	2,024
Projected	0	<u>3,583</u>	0	<u>398,000</u>	0	0	0	0	0	<u>401,583</u>
Total	0	5,607	0	398,000	0	0	0	0	0	403,607
D0083434, D0083317 Residential Computer Assisted Audit										
Actual	0	0	0	0	0	0	0	0	0	0
Projected	0	<u>823</u>	0	0	0	0	0	<u>300</u>	0	<u>1,123</u>
Total	0	823	0	0	0	0	0	300	0	1,123
D0083526 Residential Ceiling Insulation										
Actual	0	30,121	0	0	0	34,232	72	674	0	65,099
Projected	0	<u>26,360</u>	0	0	0	<u>70,500</u>	<u>120</u>	<u>200</u>	0	<u>97,180</u>
Total	0	56,481	0	0	0	104,732	192	874	0	162,279
D0083530 Residential Duct Repair										
Actual	0	15,181	0	0	0	24,420	122	14	0	39,737
Projected	0	<u>16,775</u>	0	0	0	<u>29,700</u>	<u>240</u>	<u>340</u>	0	<u>47,055</u>
Total	0	31,956	0	0	0	54,120	362	354	0	86,792
D0083322 Residential Electronically Commutated Motors										
Actual	0	0	0	0	0	0	0	0	0	0
Projected	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0
D0083488 Energy Education, Awareness and Agency Outreach										
Actual	5,536	19,826	27,976	34,898	11,335	0	0	0	0	99,571
Projected	<u>5,381</u>	<u>99,023</u>	<u>6,800</u>	<u>5,192</u>	0	<u>10,800</u>	<u>800</u>	<u>3,600</u>	0	<u>131,596</u>
Total	10,917	118,849	34,776	40,090	11,335	10,800	800	3,600	0	231,167
D0083546 Energy Star Multi-Family										
Actual	0	0	0	0	0	0	0	64	0	64
Projected	0	0	0	0	0	0	0	<u>800</u>	0	<u>800</u>
Total	0	0	0	0	0	0	0	864	0	864
D0083541 Energy Star for New Homes										
Actual	0	13,702	0	0	0	464,100	113	306	0	478,221
Projected	0	<u>15,104</u>	0	0	0	<u>382,500</u>	<u>240</u>	<u>3,070</u>	0	<u>400,914</u>
Total	0	28,806	0	0	0	846,600	353	3,376	0	879,135
D0091086 Energy Star Pool Pumps										
Actual	0	0	0	0	0	0	0	0	0	0
Projected	0	<u>1,225</u>	0	0	0	<u>1,050</u>	0	<u>200</u>	0	<u>2,475</u>
Total	0	1,225	0	0	0	1,050	0	200	0	2,475

26

TAMPA ELECTRIC COMPANY
Conservation Program Costs

Actual for Months January 2020 through June 2020
Projected for Months July 2020 through December 2020

Program Name	Capital Investment	Payroll & Benefits	Materials & Supplies	Outside Services	Advertising	Incentives	Vehicle	Other	Program Revenues	Total
D0091087 Energy Star Thermostats										
Actual	0	0	0	0	0	0	0	0	0	0
Projected	0	1,922	0	0	0	250	0	200	0	2,372
Total	0	1,922	0	0	0	250	0	200	0	2,372
D0083332 Residential Heating and Cooling										
Actual	0	44,142	297	0	0	229,365	78	1,248	0	275,130
Projected	0	37,467	0	0	0	229,500	180	2,390	0	269,537
Total	0	81,609	297	0	0	458,865	258	3,638	0	544,667
D0083538 Neighborhood Weatherization										
Actual	0	154,433	43,565	280	0	252,629	0	3,212	0	454,119
Projected	0	239,238	880	1,200	0	540,984	17,940	2,960	0	803,202
Total	0	393,671	44,445	1,480	0	793,613	17,940	6,172	0	1,257,321
D0083542 Energy Planner										
Actual	477,041	482,419	25,620	127,457	56,930	0	17,771	31,830	0	1,219,068
Projected	451,530	561,990	8,650	364,218	234,358	0	17,874	43,816	0	1,682,436
Total	928,571	1,044,409	34,270	491,675	291,288	0	35,645	75,646	0	2,901,504
D0091106 Residential Prime Time Plus										
Actual	0	0	0	1,190	0	0	0	0	0	1,190
Projected	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	1,190	0	0	0	0	0	1,190
D0083466 Residential Wall Insulation										
Actual	0	37	0	0	0	274	0	0	0	311
Projected	0	37	0	0	0	110	0	0	0	147
Total	0	74	0	0	0	384	0	0	0	458
D0083486 Residential Window Replacement										
Actual	0	42,337	0	0	0	347,923	112	690	0	391,062
Projected	0	32,959	0	0	0	317,050	240	320	0	350,569
Total	0	75,296	0	0	0	664,973	352	1,010	0	741,631
D0083335 Prime Time										
Actual	0	2,993	0	2,746	0	0	0	195	0	5,934
Projected	0	4,777	0	9,000	0	0	0	450	0	14,227
Total	0	7,770	0	11,746	0	0	0	645	0	20,161
D0083447 Commercial/Industrial Audit (Free)										
Actual	0	118,404	982	0	0	0	563	2,627	0	122,576
Projected	0	152,340	400	0	16,664	0	1,000	2,900	0	173,304
Total	0	270,744	1,382	0	16,664	0	1,563	5,527	0	295,880
D0083446 Comprehensive Commercial/Industrial Audit (Paid)										
Actual	0	0	0	0	0	0	0	0	0	0
Projected	0	498	0	500	0	0	80	0	0	1,078
Total	0	498	0	500	0	0	80	0	0	1,078

27

TAMPA ELECTRIC COMPANY
Conservation Program Costs

Actual for Months January 2020 through June 2020
Projected for Months July 2020 through December 2020

Program Name	Capital Investment	Payroll & Benefits	Materials & Supplies	Outside Services	Advertising	Incentives	Vehicle	Other	Program Revenues	Total
D0083532 Commercial Ceiling Insulation										
Actual	0	0	0	0	0	144	3	0	0	147
Projected	0	229	0	0	0	750	50	0	0	1,029
Total	0	229	0	0	0	894	53	0	0	1,176
D0083534 Commercial Chiller										
Actual	0	0	0	0	0	7,446	3	110	0	7,559
Projected	0	1,955	0	0	0	3,500	25	0	0	5,480
Total	0	1,955	0	0	0	10,946	28	110	0	13,039
D0083487 Cogeneration										
Actual	0	13,829	0	0	0	0	0	0	0	13,829
Projected	0	3,981	0	0	0	0	300	0	0	4,281
Total	0	17,810	0	0	0	0	300	0	0	18,110
D0083318 Conservation Value										
Actual	0	0	0	0	0	0	3	0	0	3
Projected	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	3	0	0	3
D0083543 Cool Roof										
Actual	0	14,439	0	0	0	72,653	40	90	0	87,222
Projected	0	26,341	0	0	0	80,000	300	0	0	106,641
Total	0	40,780	0	0	0	152,653	340	90	0	193,863
D0083540 Commercial Cooling										
Actual	0	567	0	0	0	790	22	110	0	1,489
Projected	0	3,276	0	0	0	660	75	0	0	4,011
Total	0	3,843	0	0	0	1,450	97	110	0	5,500
D0083533 Demand Response										
Actual	0	7,317	0	0	0	1,594,512	0	513	0	1,602,342
Projected	0	16,585	0	0	0	1,519,200	400	0	0	1,536,185
Total	0	23,902	0	0	0	3,113,712	400	513	0	3,138,527
D0083489 Commercial Duct Repair										
Actual	0	37	0	0	0	0	0	0	0	37
Projected	0	100	0	0	0	150	0	0	0	250
Total	0	137	0	0	0	150	0	0	0	287
D0083323 Commercial ECM										
Actual	0	0	0	0	0	0	0	0	0	0
Projected	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0
D0091107 Facility Energy Management System										
Actual	0	0	0	0	0	0	0	0	0	0
Projected	0	2,306	0	0	0	37,500	0	0	0	39,806
Total	0	2,306	0	0	0	37,500	0	0	0	39,806

TAMPA ELECTRIC COMPANY
Conservation Program Costs

Actual for Months January 2020 through June 2020
Projected for Months July 2020 through December 2020

Program Name	Capital Investment	Payroll & Benefits	Materials & Supplies	Outside Services	Advertising	Incentives	Vehicle	Other	Program Revenues	Total
D0083506 Industrial Load Management (GLSM 2&3)										
Actual	0	9,085	0	0	0	8,625,447	0	0	0	8,634,532
Projected	0	<u>23,286</u>	0	0	0	<u>8,550,000</u>	<u>700</u>	0	0	<u>8,573,986</u>
Total	0	32,371	0	0	0	17,175,447	700	0	0	17,208,518
D0083547 LED Street and Outdoor Conversion Program										
Actual	0	0	0	0	0	0	0	1,711,155	(72,394)	1,638,761
Projected	0	0	0	0	0	0	0	<u>3,263,760</u>	<u>(37,606)</u>	<u>3,226,154</u>
Total	0	0	0	0	0	0	0	4,974,915	(110,000)	4,864,915
D0083528 Lighting Conditioned Space										
Actual	0	29,071	52	0	0	330,651	47	516	0	360,337
Projected	0	<u>54,142</u>	0	0	0	<u>481,250</u>	<u>200</u>	<u>150</u>	0	<u>535,742</u>
Total	0	83,213	52	0	0	811,901	247	666	0	896,079
D0083544 Lighting Non-Conditioned Space										
Actual	0	27,120	52	0	0	49,234	117	229	0	76,752
Projected	0	<u>26,402</u>	0	0	0	<u>41,000</u>	<u>300</u>	<u>150</u>	0	<u>67,852</u>
Total	0	53,522	52	0	0	90,234	417	379	0	144,604
D0083535 Lighting Occupancy Sensors										
Actual	0	949	0	0	0	3,040	0	0	0	3,989
Projected	0	<u>2,296</u>	0	0	0	<u>2,100</u>	<u>50</u>	0	0	<u>4,446</u>
Total	0	3,245	0	0	0	5,140	50	0	0	8,435
D0083527 CILM (GLSM 1)										
Actual	0	0	0	0	0	2,835	0	0	0	2,835
Projected	0	0	0	0	0	<u>3,780</u>	0	0	0	<u>3,780</u>
Total	0	0	0	0	0	6,615	0	0	0	6,615
D0083536 Refrigeration Anti-condensate Control										
Actual	0	0	0	0	0	0	0	0	0	0
Projected	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0
D0091108 Commercial Smart Thermostats										
Actual	0	0	0	0	0	0	0	0	0	0
Projected	0	<u>2,605</u>	0	0	0	<u>6,000</u>	<u>50</u>	0	0	<u>8,655</u>
Total	0	2,605	0	0	0	6,000	50	0	0	8,655
D0083529 Standby Generator										
Actual	0	18,462	0	83,523	0	1,753,141	0	12,070	0	1,867,196
Projected	0	<u>23,990</u>	0	<u>75,000</u>	0	<u>1,850,440</u>	<u>300</u>	<u>11,400</u>	0	<u>1,961,130</u>
Total	0	42,452	0	158,523	0	3,603,581	300	23,470	0	3,828,326
D0083545 Thermal Energy Storage										
Actual	0	432	0	0	0	0	3	0	0	435
Projected	0	<u>1,692</u>	0	<u>592</u>	0	<u>157,700</u>	<u>50</u>	0	0	<u>160,034</u>
Total	0	2,124	0	592	0	157,700	53	0	0	160,469

29

TAMPA ELECTRIC COMPANY
Conservation Program Costs

Actual for Months January 2020 through June 2020
Projected for Months July 2020 through December 2020

Program Name	Capital Investment	Payroll & Benefits	Materials & Supplies	Outside Services	Advertising	Incentives	Vehicle	Other	Program Revenues	Total
D0091109 Variable Frequency Drive Control for Compressors										
Actual	0	0	0	0	0	0	0	0	0	0
Projected	0	2,091	0	0	0	5,000	0	0	0	7,091
Total	0	2,091	0	0	0	5,000	0	0	0	7,091
D0083320 Commercial Wall Insulation										
Actual	0	0	0	0	0	0	0	0	0	0
Projected	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0
D0083537 Commercial Water Heating										
Actual	0	0	0	0	0	0	3	0	0	3
Projected	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	3	0	0	3
D0083539 Conservation Research and Development										
Actual	0	5,491	342	21,154	0	0	0	673	0	27,660
Projected	0	717	0	1,400	0	0	0	0	0	2,117
Total	0	6,208	342	22,554	0	0	0	673	0	29,777
D0083531 Renewable Energy Program (Sun to Go)										
Actual	0	8,542	0	71,108	0	0	0	0	(67,385)	12,265
Projected	0	13,005	85,250	221,000	0	0	50	0	(62,115)	257,190
Total	0	21,547	85,250	292,108	0	0	50	0	(129,500)	269,455
D0083328 Common Expenses										
Actual	0	204,113	199	57,142	0	0	0	68,209	0	329,663
Projected	0	234,245	500	83,950	0	0	0	43,529	0	362,224
Total	0	438,358	699	141,092	0	0	0	111,738	0	691,887
D0090066 Integrated Renewable Energy System (Pilot)										
Actual	0	0	0	0	0	0	0	0	0	0
Projected	131,214	2,389	0	0	0	0	0	0	0	133,603
Total	131,214	2,389	0	0	0	0	0	0	0	133,603
Total All Programs	1,070,702	4,194,231	205,377	1,559,550	682,575	28,114,310	152,798	5,240,480	(239,500)	40,980,524
Less Renewable Energy	0	21,547	85,250	292,108	0	0	50	0	(129,500)	269,455
Total Conservation Expense	1,070,702	4,172,684	120,127	1,267,442	682,575	28,114,310	152,748	5,240,480	(110,000)	40,711,069

TAMPA ELECTRIC COMPANY
 Schedule of Capital Investment, Depreciation and Return
 Actual for Months January 2020 through June 2020
 Projected for Months July 2020 through December 2020

PRICE RESPONSIVE LOAD MANAGEMENT

	Beginning of Period	January Actual	February Actual	March Actual	April Actual	May Actual	June Actual	July Projected	August Projected	September Projected	October Projected	November Projected	December Projected	Total
1. Investment		15,313	66,012	84,391	0	0	0	129,092	129,092	129,092	129,092	129,092	129,092	940,268
2. Retirements		158,229	119,344	162,381	155,227	157,052	117,872	150,242	55,480	103,829	54,610	136,485	36,378	1,407,130
3. Depreciation Base		4,242,119	4,188,787	4,110,797	3,955,570	3,798,519	3,680,647	3,659,497	3,733,109	3,758,372	3,832,854	3,825,461	3,918,175	
4. Depreciation Expense		<u>71,893</u>	<u>70,258</u>	<u>69,163</u>	<u>67,220</u>	<u>64,617</u>	<u>62,326</u>	<u>61,168</u>	<u>61,605</u>	<u>62,429</u>	<u>63,260</u>	<u>63,819</u>	<u>64,530</u>	<u>782,288</u>
5. Cumulative Investment	4,385,035	4,242,119	4,188,787	4,110,797	3,955,570	3,798,519	3,680,647	3,659,497	3,733,109	3,758,372	3,832,854	3,825,461	3,918,175	3,918,175
6. Less: Accumulated Depreciation	2,430,827	<u>2,344,490</u>	<u>2,295,404</u>	<u>2,202,186</u>	<u>2,114,179</u>	<u>2,021,745</u>	<u>1,966,199</u>	<u>1,877,125</u>	<u>1,883,250</u>	<u>1,841,850</u>	<u>1,850,500</u>	<u>1,777,834</u>	<u>1,805,986</u>	<u>1,805,986</u>
7. Net Investment	<u>1,954,208</u>	<u>1,897,629</u>	<u>1,893,383</u>	<u>1,908,611</u>	<u>1,841,391</u>	<u>1,776,774</u>	<u>1,714,448</u>	<u>1,782,372</u>	<u>1,849,859</u>	<u>1,916,522</u>	<u>1,982,354</u>	<u>2,047,627</u>	<u>2,112,189</u>	<u>2,112,189</u>
8. Average Investment		1,925,919	1,895,506	1,900,997	1,875,001	1,809,083	1,745,611	1,748,410	1,816,116	1,883,191	1,949,438	2,014,991	2,079,908	
9. Return on Average Investment - Equity Component		9,571	9,420	9,447	9,318	8,990	8,675	8,756	9,095	9,431	9,763	10,091	10,416	112,973
10. Return on Average Investment - Debt Component		<u>2,788</u>	<u>2,744</u>	<u>2,752</u>	<u>2,714</u>	<u>2,618</u>	<u>2,527</u>	<u>2,612</u>	<u>2,713</u>	<u>2,813</u>	<u>2,912</u>	<u>3,010</u>	<u>3,107</u>	<u>33,310</u>
Total Depreciation and Return		<u>84,252</u>	<u>82,422</u>	<u>81,362</u>	<u>79,252</u>	<u>76,225</u>	<u>73,528</u>	<u>72,536</u>	<u>73,413</u>	<u>74,673</u>	<u>75,935</u>	<u>76,920</u>	<u>78,053</u>	<u>928,571</u>

NOTES:

Depreciation expense is calculated using a useful life of 60 months.
 Line 9 x 5.9635% x 1/12 (Jan-Jun), Line 9 x 6.0096% x 1/12 (Jul-Dec). Based on ROE of 10.25% and weighted income tax rate of 24.522% (expansion factor of 1.32830).
 Line 10 x 1.7369% x 1/12 (Jan-Jun), Line 10 x 1.7926% x 1/12 (Jul-Dec).

TAMPA ELECTRIC COMPANY
 Schedule of Capital Investment, Depreciation and Return
 Actual for Months January 2020 through June 2020
 Projected for Months July 2020 through December 2020

INDUSTRIAL LOAD MANAGEMENT

	Beginning of Period	January Actual	February Actual	March Actual	April Actual	May Actual	June Actual	July Projected	August Projected	September Projected	October Projected	November Projected	December Projected	Total
1. Investment		0	0	0	0	0	0	0	0	0	0	0	0	0
2. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
3. Depreciation Base		0	0	0	0	0	0	0	0	0	0	0	0	
4. Depreciation Expense		<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
5. Cumulative Investment	(0)	0	0	0	0	0	0	0	0	0	0	0	0	0
6. Less: Accumulated Depreciation	(0)	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
7. Net Investment	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
8. Average Investment		0	0	0	0	0	0	0	0	0	0	0	0	
9. Return on Average Investment - Equity Component		0	0	0	0	0	0	0	0	0	0	0	0	0
10. Return on Average Investment - Debt Component		<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
Total Depreciation and Return		<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>

NOTES:

Depreciation expense is calculated using a useful life of 60 months.
 Line 9 x 5.9635% x 1/12 (Jan-Jun), Line 9 x 6.0096% x 1/12 (Jul-Dec). Based on ROE of 10.25% and weighted income tax rate of 24.522% (expansion factor of 1.32830).
 Line 10 x 1.7369% x 1/12 (Jan-Jun).Line 10 x 1.7926% x 1/12 (Jul-Dec).

TAMPA ELECTRIC COMPANY
 Schedule of Capital Investment, Depreciation and Return
 Actual for Months January 2020 through June 2020
 Projected for Months July 2020 through December 2020

ENERGY EDUCATION AWARENESS AND AGENCY OUTREACH

	Beginning of Period	January Actual	February Actual	March Actual	April Actual	May Actual	June Actual	July Projected	August Projected	September Projected	October Projected	November Projected	December Projected	Total
1. Investment		0	0	0	0	0	0	0	0	0	0	0	0	0
2. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
3. Depreciation Base		43,732	43,732	43,732	43,732	43,732	43,732	43,732	43,732	43,732	43,732	43,732	43,732	
4. Depreciation Expense		<u>729</u>	<u>729</u>	<u>729</u>	<u>729</u>	<u>729</u>	<u>729</u>	<u>729</u>	<u>729</u>	<u>729</u>	<u>729</u>	<u>729</u>	<u>729</u>	<u>8,748</u>
5. Cumulative Investment	43,732	43,732	43,732	43,732	43,732	43,732	43,732	43,732	43,732	43,732	43,732	43,732	43,732	43,732
6. Less: Accumulated Depreciation	11,339	<u>12,068</u>	<u>12,797</u>	<u>13,526</u>	<u>14,255</u>	<u>14,984</u>	<u>15,713</u>	<u>16,442</u>	<u>17,171</u>	<u>17,900</u>	<u>18,629</u>	<u>19,358</u>	<u>20,087</u>	<u>20,087</u>
7. Net Investment	<u>32,393</u>	<u>31,664</u>	<u>30,935</u>	<u>30,206</u>	<u>29,477</u>	<u>28,748</u>	<u>28,019</u>	<u>27,290</u>	<u>26,561</u>	<u>25,832</u>	<u>25,103</u>	<u>24,374</u>	<u>23,645</u>	<u>23,645</u>
8. Average Investment		32,028	31,300	30,571	29,842	29,113	28,384	27,655	26,926	26,197	25,468	24,739	24,010	
9. Return on Average Investment - Equity Component		159	156	152	148	145	141	138	135	131	128	124	120	1,677
10. Return on Average Investment - Debt Component		<u>46</u>	<u>45</u>	<u>44</u>	<u>43</u>	<u>42</u>	<u>41</u>	<u>41</u>	<u>40</u>	<u>39</u>	<u>38</u>	<u>37</u>	<u>36</u>	<u>492</u>
Total Depreciation and Return		<u>934</u>	<u>930</u>	<u>925</u>	<u>920</u>	<u>916</u>	<u>911</u>	<u>908</u>	<u>904</u>	<u>899</u>	<u>895</u>	<u>890</u>	<u>885</u>	<u>10,917</u>

NOTES:

Depreciation expense is calculated using a useful life of 60 months.

Line 9 x 5.9635% x 1/12 (Jan-Jun), Line 9 x 6.0096% x 1/12 (Jul-Dec). Based on ROE of 10.25% and weighted income tax rate of 24.522% (expansion factor of 1.32830).

Line 10 x 1.7369% x 1/12 (Jan-Jun), Line 10 x 1.7926% x 1/12 (Jul-Dec).

TAMPA ELECTRIC COMPANY
 Schedule of Capital Investment, Depreciation and Return
 Actual for Months January 2020 through June 2020
 Projected for Months July 2020 through December 2020

COMMERCIAL LOAD MANAGEMENT

	Beginning of Period	January Actual	February Actual	March Actual	April Actual	May Actual	June Actual	July Projected	August Projected	September Projected	October Projected	November Projected	December Projected	Total
1. Investment		0	0	0	0	0	0	0	0	0	0	0	0	0
2. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
3. Depreciation Base		0	0	0	0	0	0	0	0	0	0	0	0	
4. Depreciation Expense		<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
5. Cumulative Investment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6. Less: Accumulated Depreciation	0	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
7. Net Investment	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
8. Average Investment		0	0	0	0	0	0	0	0	0	0	0	0	
9. Return on Average Investment - Equity Component		0	0	0	0	0	0	0	0	0	0	0	0	0
10. Return on Average Investment - Debt Component		<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
Total Depreciation and Return		<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>

NOTES:

Depreciation expense is calculated using a useful life of 60 months.
 Line 9 x 5.9635% x 1/12 (Jan-Jun), Line 9 x 6.0096% x 1/12 (Jul-Dec). Based on ROE of 10.25% and weighted income tax rate of 24.522% (expansion factor of 1.32830).
 Line 10 x 1.7369% x 1/12 (Jan-Jun).Line 10 x 1.7926% x 1/12 (Jul-Dec).

TAMPA ELECTRIC COMPANY
 Schedule of Capital Investment, Depreciation and Return
 Actual for Months January 2020 through June 2020
 Projected for Months July 2020 through December 2020

INTEGRATED RENEWABLE ENERGY SYSTEM

	Beginning of Period	January Actual	February Actual	March Actual	April Actual	May Actual	June Actual	July Projected	August Projected	September Projected	October Projected	November Projected	December Projected	Total
1. Investment		0	0	0	0	0	0	129,092	129,092	129,092	129,092	2,379,092	129,092	3,024,553
2. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
3. Depreciation Base		0	0	0	0	0	0	129,092	258,184	387,276	516,368	2,895,460	3,024,552	
4. Depreciation Expense		<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>1,076</u>	<u>3,227</u>	<u>5,379</u>	<u>7,530</u>	<u>28,432</u>	<u>49,333</u>	<u>94,977</u>
5. Cumulative Investment	0	0	0	0	0	0	0	129,092	258,184	387,276	516,368	2,895,460	3,024,552	3,024,552
6. Less: Accumulated Depreciation	0	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>1,076</u>	<u>4,303</u>	<u>9,682</u>	<u>17,212</u>	<u>45,644</u>	<u>94,977</u>	<u>94,977</u>
7. Net Investment	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>128,016</u>	<u>253,881</u>	<u>377,594</u>	<u>499,156</u>	<u>2,849,816</u>	<u>2,929,575</u>	<u>2,929,575</u>
8. Average Investment		0	0	0	0	0	0	64,008	190,949	315,738	438,375	1,674,486	2,889,696	
9. Return on Average Investment - Equity Component		0	0	0	0	0	0	321	956	1,581	2,195	8,386	14,472	27,911
10. Return on Average Investment - Debt Component		<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>96</u>	<u>285</u>	<u>472</u>	<u>655</u>	<u>2,501</u>	<u>4,317</u>	<u>8,326</u>
Total Depreciation and Return		<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>1,493</u>	<u>4,468</u>	<u>7,432</u>	<u>10,380</u>	<u>39,319</u>	<u>68,122</u>	<u>131,214</u>

NOTES:

Depreciation expense is calculated using a useful life of 60 months.

Line 9 x 5.9635% x 1/12 (Jan-Jun), Line 9 x 6.0096% x 1/12 (Jul-Dec). Based on ROE of 10.25% and weighted income tax rate of 24.522% (expansion factor of 1.32830).

Line 10 x 1.7369% x 1/12 (Jan-Jun), Line 10 x 1.7926% x 1/12 (Jul-Dec).

TAMPA ELECTRIC COMPANY
Energy Conservation Adjustment
Calculation of True-up

Actual for Months January 2020 through June 2020
Projected for Months July 2020 through December 2020

Program Name	January Actual	February Actual	March Actual	April Actual	May Actual	June Actual	July Projected	August Projected	September Projected	October Projected	November Projected	December Projected	Grand Total
D0083437 Residential Walk-Through Energy Audit	120,528	106,769	84,115	122,491	109,617	118,580	202,845	187,362	180,637	185,111	174,060	185,966	1,778,080
D0083432 Residential Customer Assisted Audit	670	355	569	0	170	260	398,597	597	597	597	597	597	403,607
D0083434, D0083317 Residential Computer Assisted Audit	0	0	0	0	0	0	0	0	300	0	823	0	1,123
D0083526 Residential Ceiling Insulation	21,146	12,325	10,599	9,168	5,361	6,500	18,701	18,701	18,701	16,295	13,888	10,894	162,279
D0083530 Residential Duct Repair	8,850	2,789	11,443	10,056	2,405	4,194	7,917	7,917	7,917	8,017	7,957	7,328	86,792
D0083322 Residential Electronically Commutated Motors	0	0	0	0	0	0	0	0	0	0	0	0	0
D0083488 Energy Education, Awareness and Agency Outreach	3,719	28,778	17,558	3,708	27,283	18,525	17,412	28,208	20,501	19,497	22,492	23,487	231,167
D0083546 Energy Star Multi-Family	0	0	64	0	0	0	100	0	500	0	0	200	864
D0083541 Energy Star for New Homes	53,177	87,233	141,044	65,749	50,555	80,463	66,427	66,327	68,627	66,327	66,677	66,527	879,135
D0091086 Energy Star Pool Pumps	0	0	0	0	0	0	0	0	0	0	0	2,475	2,475
D0091087 Energy Star Thermostats	0	0	0	0	0	0	0	0	0	0	0	2,372	2,372
D0083332 Residential Heating and Cooling	46,702	31,424	50,844	46,110	45,287	54,763	54,184	54,184	50,589	43,460	37,576	29,543	544,667
D0083538 Neighborhood Weatherization	124,188	96,843	130,177	62,490	23,697	16,724	129,030	129,030	129,960	129,960	129,960	155,260	1,257,321
D0083542 Energy Planner	189,820	204,368	189,533	267,081	185,834	182,432	250,651	268,758	287,035	288,297	292,782	294,915	2,901,504
D0091106 Residential Prime Time Plus	0	0	0	480	710	0	0	0	0	0	0	0	1,190
D0083466 Residential Wall Insulation	0	0	37	0	0	274	0	0	147	0	0	0	458
D0083486 Residential Window Replacement	81,550	66,574	69,399	61,469	55,402	56,668	61,796	61,796	61,796	61,796	61,796	41,587	741,631
D0083335 Prime Time	725	123	2,904	461	570	1,151	871	871	3,871	3,871	871	3,871	20,161
D0083447 Commercial/Industrial Audit (Free)	27,048	27,841	18,451	13,362	17,335	18,539	23,621	24,621	31,292	32,192	30,792	30,788	295,880
D0083446 Comprehensive Commercial/Industrial Audit (Paid)	1,935	0	(1,935)	0	0	0	0	0	0	0	1,078	0	1,078
D0083532 Commercial Ceiling Insulation	0	3	0	0	0	144	0	0	0	0	1,029	0	1,176
D0083534 Commercial Chiller	0	113	0	0	7,446	0	431	0	0	4,186	431	431	13,039
D0083487 Cogeneration	2,901	2,183	2,331	2,136	2,305	1,973	664	664	664	764	764	764	18,110
D0083318 Conservation Value	0	3	0	0	0	0	0	0	0	0	0	0	3

36

DOCKET NO. 2020002-EG
ECRCR 2021 PROJECTION
EXHIBIT MRR-3, SCHEDULE C-3, PAGE 11 OF 15
REVISED: SEPTEMBER 11, 2020

TAMPA ELECTRIC COMPANY
 Energy Conservation Adjustment
 Calculation of True-up

Actual for Months January 2020 through June 2020
 Projected for Months July 2020 through December 2020

Program Name	January Actual	February Actual	March Actual	April Actual	May Actual	June Actual	July Projected	August Projected	September Projected	October Projected	November Projected	December Projected	Grand Total
D0083543 Cool Roof	2,776	4,325	37,715	2,079	15,760	24,567	14,440	14,440	14,440	24,440	24,440	14,440	193,863
D0083540 Commercial Cooling	506	310	573	0	100	0	906	906	431	431	431	906	5,500
D0083533 Demand Response	330,704	253,049	254,591	253,941	254,588	255,469	255,964	255,964	255,989	256,089	256,089	256,089	3,138,527
D0083489 Commercial Duct Repair	0	90	(90)	0	0	37	0	0	250	0	0	0	287
D0083323 Commercial ECM	0	0	0	0	0	0	0	0	0	0	0	0	0
D0091107 Facility Energy Management System	0	0	0	0	0	0	0	0	0	0	0	39,806	39,806
D0083506 Industrial Load Management (GLSM 2&3)	1,628,097	1,564,250	1,447,593	1,264,871	1,220,309	1,509,412	1,429,157	1,429,157	1,429,182	1,428,719	1,428,719	1,429,051	17,208,518
D0083547 LED Street and Outdoor Conversion Program	415,614	448,795	451,534	41,530	11,626	269,662	579,497	559,247	545,342	550,877	503,762	487,427	4,864,915
D0083528 Lighting Conditioned Space	53,706	12,826	29,034	240,696	7,024	17,051	17,796	32,581	47,416	224,837	165,696	47,416	896,079
D0083544 Lighting Non-Conditioned Space	10,297	23,857	9,525	17,409	7,181	8,483	9,096	15,131	12,717	9,096	9,096	12,717	144,604
D0083535 Lighting Occupancy Sensors	348	193	867	980	381	1,220	0	0	1,288	1,313	532	1,313	8,435
D0083527 CILM (GLSM 1)	0	0	0	945	945	945	945	945	945	945	0	0	6,615
D0083536 Refrigeration Anti-condensate Control	0	0	0	0	0	0	0	0	0	0	0	0	0
D0091108 Commercial Smart Thermostats	0	0	0	0	0	0	0	0	0	0	0	8,655	8,655
D0083529 Standby Generator	340,954	303,231	303,179	309,780	297,267	312,785	324,738	327,218	327,218	327,318	327,318	327,318	3,828,326
D0083545 Thermal Energy Storage	432	3	0	0	0	0	133	133	159,636	133	0	0	160,469
D0091109 Variable Frequency Drive Control for Compressors	0	0	0	0	0	0	0	0	0	0	0	7,091	7,091
D0083320 Commercial Wall Insulation	0	0	0	0	0	0	0	0	0	0	0	0	0
D0083537 Commercial Water Heating	0	3	0	0	0	0	0	0	0	0	0	0	3
D0083539 Conservation Research and Development	1,133	8,363	1,977	0	13,878	2,309	1,519	119	119	119	119	119	29,777
D0083531 Renewable Energy Program (Sun to Go)	(4,668)	(10,141)	(8,146)	(8,632)	(9,898)	53,750	56,780	(2,300)	63,700	71,373	(8,470)	76,107	269,455
D0083328 Common Expenses	61,807	76,076	42,439	71,630	41,876	35,835	51,421	104,339	52,393	52,852	50,140	51,080	691,887

TAMPA ELECTRIC COMPANY
 Energy Conservation Adjustment
 Calculation of True-up

Actual for Months January 2020 through June 2020
 Projected for Months July 2020 through December 2020

Program Name	January Actual	February Actual	March Actual	April Actual	May Actual	June Actual	July Projected	August Projected	September Projected	October Projected	November Projected	December Projected	Grand Total
D0090066 Integrated Renewable Energy System (Pilot)	0	0	0	0	0	0	1,891	4,866	7,830	10,778	39,717	68,520	133,603
Total	3,524,665	3,352,954	3,297,924	2,859,990	2,395,014	3,052,715	3,977,532	3,591,783	3,782,031	3,819,691	3,641,165	3,685,061	40,980,524
Less: Included in Base Rates	0	0	0	0	0	0	0	0	0	0	0	0	0
Recoverable Conservation Expenses	<u>3,524,665</u>	<u>3,352,954</u>	<u>3,297,924</u>	<u>2,859,990</u>	<u>2,395,014</u>	<u>3,052,715</u>	<u>3,977,532</u>	<u>3,591,783</u>	<u>3,782,031</u>	<u>3,819,691</u>	<u>3,641,165</u>	<u>3,685,061</u>	<u>40,980,524</u>
Less Renewable Energy	(4,668)	(10,141)	(8,146)	(8,632)	(9,898)	53,750	56,780	(2,300)	63,700	71,373	(8,470)	76,107	269,455
Total Conservation Expenses	<u>3,529,333</u>	<u>3,363,095</u>	<u>3,306,070</u>	<u>2,868,622</u>	<u>2,404,912</u>	<u>2,998,965</u>	<u>3,920,752</u>	<u>3,594,083</u>	<u>3,718,331</u>	<u>3,748,318</u>	<u>3,649,635</u>	<u>3,608,954</u>	<u>40,711,069</u>

TAMPA ELECTRIC COMPANY
Energy Conservation Adjustment
Calculation of True-up

Actual for Months January 2020 through June 2020
Projected for Months July 2020 through December 2020

B. CONSERVATION REVENUES	January Actual	February Actual	March Actual	April Actual	May Actual	June Actual	July Projected	August Projected	September Projected	October Projected	November Projected	December Projected	Grand Total
1. Conservation Audit Fees (A)	0	0	0	0	0	0	0	0	0	0	0	0	0
2. Conservation Adjustment Revenues * (C-4, page 1 of 1)	<u>3,041,740</u>	<u>2,948,006</u>	<u>2,908,955</u>	<u>3,238,962</u>	<u>3,254,826</u>	<u>3,752,312</u>	<u>4,021,975</u>	<u>4,075,921</u>	<u>4,088,683</u>	<u>3,807,492</u>	<u>3,213,303</u>	<u>3,065,817</u>	<u>41,417,992</u>
3. Total Revenues	3,041,740	2,948,006	2,908,955	3,238,962	3,254,826	3,752,312	4,021,975	4,075,921	4,088,683	3,807,492	3,213,303	3,065,817	41,417,992
4. Prior Period True-up	<u>643,499</u>	<u>643,499</u>	<u>643,499</u>	<u>643,499</u>	<u>643,499</u>	<u>643,499</u>	<u>643,499</u>	<u>643,499</u>	<u>643,499</u>	<u>643,499</u>	<u>643,499</u>	<u>643,502</u>	<u>7,721,991</u>
5. Conservation Revenue Applicable to Period	3,685,239	3,591,505	3,552,454	3,882,461	3,898,325	4,395,811	4,665,474	4,719,420	4,732,182	4,450,991	3,856,802	3,709,319	49,139,983
6. Conservation Expenses (C-3, Page 4, Line 14)	<u>3,534,892</u>	<u>3,363,095</u>	<u>3,307,503</u>	<u>2,868,623</u>	<u>2,404,910</u>	<u>3,063,081</u>	<u>3,920,752</u>	<u>3,594,083</u>	<u>3,718,331</u>	<u>3,748,318</u>	<u>3,649,635</u>	<u>3,608,954</u>	<u>40,782,177</u>
7. Regulatory Adjustment	0	0	632,148	0	(1,541)	(431)	0	0	0	0	0	0	630,176
8. True-up This Period (Line 5 - Line 6)	150,347	228,411	244,951	1,013,838	1,493,415	1,332,729	744,722	1,125,337	1,013,851	702,673	207,167	100,365	8,357,806
9. Interest Provision This Period (C-3, Page 6, Line 10)	21,930	20,259	23,804	14,713	967	1,350	3,456	5,623	5,761	5,832	5,773	5,619	115,088
10. True-up & Interest Provision Beginning of Period	15,911,022	15,439,800	15,044,971	15,302,375	15,687,427	16,536,769	17,226,918	17,331,597	17,819,058	18,195,171	18,260,177	17,829,618	15,911,022
11. Prior Period True-up Collected/(Refunded)	<u>(643,499)</u>	<u>(643,499)</u>	<u>(643,499)</u>	<u>(643,499)</u>	<u>(643,499)</u>	<u>(643,499)</u>	<u>(643,499)</u>	<u>(643,499)</u>	<u>(643,499)</u>	<u>(643,499)</u>	<u>(643,499)</u>	<u>(643,502)</u>	<u>(7,721,991)</u>
12. End of Period Total - Over/(Under) Recovered	<u>15,439,800</u>	<u>15,044,971</u>	<u>15,302,375</u>	<u>15,687,427</u>	<u>16,536,769</u>	<u>17,226,918</u>	<u>17,331,597</u>	<u>17,819,058</u>	<u>18,195,171</u>	<u>18,260,177</u>	<u>17,829,618</u>	<u>17,292,100</u>	<u>17,292,100</u>

Previous EOP Change
* Net of Revenue Taxes

(A) Included in Line 6

Summary of Allocation	Forecast	Ratio	True Up
Demand	29,205,177	0.59	10,202,339
Energy	<u>20,035,348</u>	<u>0.41</u>	<u>7,089,761</u>
Total	<u>49,240,525</u>	<u>1.00</u>	<u>17,292,100</u>

TAMPA ELECTRIC COMPANY
 Energy Conservation Adjustment
 Calculation of Interest Provision

Actual for Months January 2020 through June 2020
 Projected for Months July 2020 through December 2020

C. INTEREST PROVISION	January Actual	February Actual	March Actual	April Actual	May Actual	June Actual	July Projected	August Projected	September Projected	October Projected	November Projected	December Projected	Grand Total
1. Beginning True-up Amount (C-3, Page 5, Line 9)	\$15,911,022	\$15,439,800	\$15,044,971	\$15,302,375	\$15,687,427	\$16,536,769	\$17,226,918	\$17,331,597	\$17,819,058	\$18,195,171	\$18,260,177	\$17,829,618	
2. Ending True-up Amount Before Interest (C-3, Page 5, Lines 7 + 9 + 10)	<u>15,417,870</u>	<u>15,024,712</u>	<u>15,278,571</u>	<u>15,672,714</u>	<u>16,535,802</u>	<u>17,225,568</u>	<u>17,328,141</u>	<u>17,813,435</u>	<u>18,189,410</u>	<u>18,254,345</u>	<u>17,823,845</u>	<u>17,286,481</u>	
3. Total Beginning & Ending True-up	<u>\$31,328,892</u>	<u>\$30,464,512</u>	<u>\$30,323,542</u>	<u>\$30,975,089</u>	<u>\$32,223,229</u>	<u>\$33,762,337</u>	<u>\$34,555,059</u>	<u>\$35,145,032</u>	<u>\$36,008,468</u>	<u>\$36,449,516</u>	<u>\$36,084,022</u>	<u>\$35,116,099</u>	
4. Average True-up Amount (50% of Line 3)	<u>\$15,664,446</u>	<u>\$15,232,256</u>	<u>\$15,161,771</u>	<u>\$15,487,545</u>	<u>\$16,111,615</u>	<u>\$16,881,169</u>	<u>\$17,277,530</u>	<u>\$17,572,516</u>	<u>\$18,004,234</u>	<u>\$18,224,758</u>	<u>\$18,042,011</u>	<u>\$17,558,050</u>	
5. Interest Rate - First Day of Month	<u>1.71000</u>	1.64000	1.56000	2.21000	0.06000	0.08000	0.11000	0.38000	0.38000	0.38000	0.38000	0.38000	
6. Interest Rate - First Day of Next Month	<u>1.64000</u>	<u>1.56000</u>	<u>2.21000</u>	<u>0.06000</u>	<u>0.08000</u>	<u>0.11000</u>	<u>0.38000</u>	<u>0.38000</u>	<u>0.38000</u>	<u>0.38000</u>	<u>0.38000</u>	<u>0.38000</u>	
7. Total (Line 5 + Line 6)	<u>3.35000</u>	<u>3.20000</u>	<u>3.77000</u>	<u>2.27000</u>	<u>0.14000</u>	<u>0.19000</u>	<u>0.49000</u>	<u>0.76000</u>	<u>0.76000</u>	<u>0.76000</u>	<u>0.76000</u>	<u>0.76000</u>	
8. Average Interest Rate (50% of Line 7)	<u>1.67500</u>	<u>1.60000</u>	<u>1.88500</u>	<u>1.13500</u>	<u>0.07000</u>	<u>0.09500</u>	<u>0.24500</u>	<u>0.38000</u>	<u>0.38000</u>	<u>0.38000</u>	<u>0.38000</u>	<u>0.38000</u>	
9. Monthly Average Interest Rate (Line 8/12)	<u>0.00140</u>	<u>0.00133</u>	<u>0.00157</u>	<u>0.00095</u>	<u>0.00006</u>	<u>0.00008</u>	<u>0.00020</u>	<u>0.00032</u>	<u>0.00032</u>	<u>0.00032</u>	<u>0.00032</u>	<u>0.00032</u>	
10. Interest Provision (Line 4 x Line 9)	<u>\$21,930</u>	<u>\$20,259</u>	<u>\$23,804</u>	<u>\$14,713</u>	<u>\$967</u>	<u>\$1,350</u>	<u>\$3,456</u>	<u>\$5,623</u>	<u>\$5,761</u>	<u>\$5,832</u>	<u>\$5,773</u>	<u>\$5,619</u>	<u>\$115,088</u>

C-4

TAMPA ELECTRIC COMPANY
 Energy Conservation
 Calculation of Conservation Revenues

Actual for Months January 2020 through June 2020
 Projected for Months July 2020 through December 2020

(1)	(2)	(3)	(4)
Months	Firm MWh Sales	Interruptible MWh Sales	Clause Revenue Net of Revenue Taxes
January	1,455,463	-	3,041,740
February	1,379,438	-	2,948,006
March	1,359,338	-	2,908,955
April	1,535,004	-	3,238,962
May	1,528,939	-	3,254,826
June	1,775,858	-	3,752,312
July	1,911,556	-	4,021,975
August	1,933,926	-	4,075,921
September	1,954,760	-	4,088,683
October	1,798,422	-	3,807,492
November	1,502,908	-	3,213,303
December	1,430,489	-	3,065,817
Total	<u>19,566,100</u>	<u>0</u>	<u>41,417,992</u>

PROGRAM DESCRIPTION AND PROGRESS

Program Title: RESIDENTIAL ENERGY AUDITS

Program Description: A “how to” information and analysis guide for customers. There are four types of residential energy audits available to Tampa Electric customers: Walk-through Free Energy Check, Customer Assisted, Computer Assisted Paid and Building Energy Ratings System (“BERS”).

Program Projections: January 1, 2020 to December 31, 2020

During this period, the following energy audit participation is projected:

Residential Walk-Through:	5,000
Residential Customer Assisted:	42,000
Residential Computer Assisted:	1
BERS:	0

January 1, 2021 to December 31, 2021

During this period, the following energy audit participation is projected:

Residential Walk-Through:	4,000
Residential Customer Assisted:	42,000
Residential Computer Assisted:	3
BERS:	0

Program Fiscal Expenditures:

January 1, 2020 to December 31, 2020

Expenditures are estimated to be \$2,182,810.

January 1, 2021 to December 31, 2021

Expenditures are estimated to be \$2,068,547.

Program Progress Summary:

Through December 31, 2019 the following Residential Energy Audit totals are:

Residential Walk-Through:	334,408
Residential Customer Assisted ⁽¹⁾ :	208,131
Residential Computer Assisted:	3,911
<u>BERS:</u>	<u>80</u>
Total:	546,530

Note 1: Includes Mail-in and On-line audits. Residential Mail-in audit program was retired on December 31, 2004.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: RESIDENTIAL CEILING INSULATION

Program Description: A rebate program that encourages existing residential customers to install additional ceiling insulation in existing homes.

Program Projections: January 1, 2020 to December 31, 2020

During this period, there are 450 customers projected to participate.

January 1, 2021 to December 31, 2021

During this period, there are 480 customers projected to participate.

Program Fiscal Expenditures:

January 1, 2020 to December 31, 2020

Expenditures are estimated to be \$162,279.

January 1, 2021 to December 31, 2021

Expenditures are estimated to be \$157,566.

Program Progress Summary:

Through December 31, 2019 the following Residential Ceiling Insulation totals are:

Residential Ceiling Insulation: 123,957

PROGRAM DESCRIPTION AND PROGRESS

Program Title: RESIDENTIAL DUCT REPAIR

Program Description: A rebate program that encourages residential customers to repair leaky duct work of central air conditioning systems in existing homes.

Program Projections: January 1, 2020 to December 31, 2020

During this period, there are 500 customers projected to participate.

January 1, 2021 to December 31, 2021

During this period, there are 600 customers projected to participate.

Program Fiscal Expenditures:

January 1, 2020 to December 31, 2020

Expenditures are estimated to be \$86,792.

January 1, 2021 to December 31, 2021

Expenditures are estimated to be \$111,197.

Program Progress Summary:

Through December 31, 2019 the following Residential Duct Repair totals are:
Residential Duct Repair: 103,473

PROGRAM DESCRIPTION AND PROGRESS

Program Title: RESIDENTIAL ELECTRONICALLY COMMUTATED MOTORS (ECM)

Program Description: A rebate program that encourages residential customers to replace their existing HVAC air handler motor with an ECM.

Program Projections: January 1, 2020 to December 31, 2020

During this period, there are zero customers projected to participate.

January 1, 2021 to December 31, 2021

During this period, there are zero customers projected to participate.

Program Fiscal Expenditures:

January 1, 2020 to December 31, 2020

Expenditures are estimated to be \$0.

January 1, 2021 to December 31, 2021

Expenditures are estimated to be \$0.

Program Progress Summary:

Through December 31, 2019 the following Residential ECM totals are:
Residential ECM: 5

PROGRAM DESCRIPTION AND PROGRESS

Program Title: ENERGY EDUCATION, AWARENESS AND AGENCY OUTREACH

Program Description: A program that provides opportunities for engaging and educating groups of customers and students on energy-efficiency and conservation in an organized setting. Participants are provided with an energy savings kit which includes energy saving devices and supporting information appropriate for the audience.

Program Projections: January 1, 2020 to December 31, 2020.

During this period, there are 750 customers projected to participate.

January 1, 2021 to December 31, 2021

During this period, there are 750 customers projected to participate.

Program Fiscal Expenditures:

January 1, 2020 to December 31, 2020

Expenditures are estimated to be \$231,167.

January 1, 2021 to December 31, 2021

Expenditures are estimated to be \$273,904.

Program Progress Summary:

Through 2019, Tampa Electric has partnered with 138 local schools to present Energy Education to 41,183 students and Electric Vehicle Education to 396 students from 3 local high schools. In addition, the company gave 187 presentations to civic organizations that generated 1,413 customer assisted audits and distributed 7,887 energy saving kits to participating customers.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: ENERGY STAR FOR NEW MULTI-FAMILY RESIDENCES

Program Description: A rebate program that encourages the construction of new multi-family residences to meet the requirements to achieve the ENERGY STAR certified apartments and condominium label.

Program Projections: January 1, 2020 to December 31, 2020

During this period, there are zero multi-family residences projected to participate.

January 1, 2021 to December 31, 2021

During this period, there are 350 multi-family residences projected to participate.

Program Fiscal Expenditures:

January 1, 2020 to December 31, 2020

Expenditures are estimated to be \$864.

January 1, 2021 to December 31, 2021

Expenditures are estimated to be \$105,393.

Program Progress Summary:

Through December 31, 2019 the following ENERGY STAR for New Multi-Family Residences totals are:

ENERGY STAR for New Multi-Family Residences: 264

PROGRAM DESCRIPTION AND PROGRESS

Program Title: ENERGY STAR FOR NEW HOMES

Program Description: A rebate program that encourages residential customers to construct residential dwellings that qualify for the Energy Star Award by achieving efficiency levels greater than current Florida building code baseline practices.

Program Projections: January 1, 2020 to December 31, 2020

During this period, there are 1,000 customers projected to participate.

January 1, 2021 to December 31, 2021

During this period, there are 1,080 customers projected to participate.

Program Fiscal Expenditures:

January 1, 2020 to December 31, 2020

Expenditures are estimated to be \$879,135.

January 1, 2021 to December 31, 2021

Expenditures are estimated to be \$1,117,668.

Program Progress Summary:

On November 3, 2015 ENERGY STAR for New Homes replaced the prior Residential New Construction Program. Through December 31, 2019 the following ENERGY STAR for New Homes totals are:

ENERGY STAR for New Homes: 14,483

PROGRAM DESCRIPTION AND PROGRESS

Program Title: ENERGY STAR POOL PUMPS

Program Description: A rebate program that encourages residential customers to make cost-effective improvements to existing residences by installing high efficiency ENERGY STAR rated pool pumps to help reduce their energy consumption.

Program Projections: January 1, 2020 to December 31, 2020

During this period, there are three customers projected to participate.

January 1, 2021 to December 31, 2021

During this period, there are 690 customers projected to participate.

Program Fiscal Expenditures:

January 1, 2020 to December 31, 2020

Expenditures are estimated to be \$2,475.

January 1, 2021 to December 31, 2021

Expenditures are estimated to be \$257,506.

Program Progress Summary:

The company is projecting to initiate this program on November 2, 2020.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: ENERGY STAR THERMOSTATS

Program Description: A rebate program that encourages residential customers to install an ENERGY STAR certified smart thermostat to help reduce their energy consumption.

Program Projections: January 1, 2020 to December 31, 2020

During this period, there are five customers projected to participate.

January 1, 2021 to December 31, 2021

During this period, there are 840 customers projected to participate.

Program Fiscal Expenditures:

January 1, 2020 to December 31, 2020

Expenditures are estimated to be \$2,372.

January 1, 2021 to December 31, 2021

Expenditures are estimated to be \$66,527.

Program Progress Summary:

The company is projecting to initiate this program on November 2, 2020.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: RESIDENTIAL HEATING AND COOLING

Program Description: A rebate program that encourages residential customers to install high-efficiency residential heating and cooling equipment in existing homes.

Program Projections: January 1, 2020 to December 31, 2020

During this period, there are 3,400 units projected to be installed and approved.

January 1, 2021 to December 31, 2021

During this period, there are 3,425 units projected to be installed and approved.

Program Fiscal Expenditures:

January 1, 2020 to December 31, 2020

Expenditures are estimated to be \$544,667.

January 1, 2021 to December 31, 2021

Expenditures are estimated to be \$538,435.

Program Progress Summary:

Through December 31, 2019 the following Residential Heating and Cooling totals are:

Residential Heating and Cooling: 208,404

PROGRAM DESCRIPTION AND PROGRESS

Program Title: NEIGHBORHOOD WEATHERIZATION

Program Description: A program that provides for the installation of energy efficient measures for qualified low-income customers.

Program Projections: January 1, 2020 to December 31, 2020

During this period, there are 6,500 customers projected to participate.

January 1, 2021 to December 31, 2021

During this period, there are 6,500 customers projected to participate.

Program Fiscal Expenditures:

January 1, 2020 to December 31, 2020

Expenditures are estimated to be \$1,257,321.

January 1, 2021 to December 31, 2021

Expenditures are estimated to be \$4,072,170.

Program Progress Summary:

Through December 31, 2019 the following Neighborhood Weatherization totals are:

Neighborhood Weatherization: 50,061

PROGRAM DESCRIPTION AND PROGRESS

Program Title: RESIDENTIAL PRICE RESPONSIVE LOAD MANAGEMENT (ENERGY PLANNER)

Program Description: A program that reduces weather-sensitive loads through an innovative price responsive rate used to encourage residential customers to make behavioral or equipment usages changes by pre-programming HVAC, water heating and pool pumps.

Program Projections: January 1, 2020 to December 31, 2020

During this period, there are 750 projected customers for this program on a cumulative basis.

January 1, 2021 to December 31, 2021

During this period, there are 1,000 projected customers for this program on a cumulative basis.

Program Fiscal Expenditures:

January 1, 2020 to December 31, 2020

Expenditures are estimated to be \$2,901,504.

January 1, 2021 to December 31, 2021

Expenditures are estimated to be \$3,719,573.

Program Progress Summary:

Through December 31, 2019 the following Energy Planner totals are:
Energy Planner Participating Customers: 5,783

PROGRAM DESCRIPTION AND PROGRESS

Program Title: RESIDENTIAL PRIME TIME PLUS (RESIDENTIAL LOAD MANAGEMENT)

Program Description: A residential incentive program designed to alter the company’s system load curve by reducing summer and winter demand peaks. Residential loads such as heating, air conditioning, water heaters and pool pumps will be controlled via the company’s advanced metering infrastructure (“AMI”) when that system fully becomes available.

Program Projections: January 1, 2020 to December 31, 2020

During this period, there are zero customers projected to participate.

January 1, 2021 to December 31, 2021

During this period, there are zero customers projected to participate.

Program Fiscal Expenditures:

January 1, 2020 to December 31, 2020

Expenditures are estimated to be \$1,190.

January 1, 2021 to December 31, 2021

Expenditures are estimated to be \$6,370.

Program Progress Summary:

The company is projecting to initiate this program when the company has completed its AMI installation.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: RESIDENTIAL WALL INSULATION

Program Description: A rebate program that encourages existing residential customers to install additional wall insulation in existing homes.

Program Projections: January 1, 2020 to December 31, 2020

During this period, there are two customers projected to participate.

January 1, 2021 to December 31, 2021

During this period, there are zero customers projected to participate.

Program Fiscal Expenditures:

January 1, 2019 to December 31, 2016

Expenditures are estimated to be \$458.

January 1, 2021 to December 31, 2021

Expenditures are estimated to be \$0.

Program Progress Summary:

Through December 31, 2019 the following Residential Wall Insulation totals are:
Residential Wall Insulation: 199

PROGRAM DESCRIPTION AND PROGRESS

Program Title: RESIDENTIAL WINDOW REPLACEMENT

Program Description: A rebate program that encourages existing residential customers to install window upgrades in existing homes.

Program Projections: January 1, 2020 to December 31, 2020

During this period, there are 1,775 customers projected to participate.

January 1, 2021 to December 31, 2021

During this period, there are 1,200 customers projected to participate.

Program Fiscal Expenditures:

January 1, 2020 to December 31, 2020

Expenditures are estimated to be \$741,631.

January 1, 2021 to December 31, 2021

Expenditures are estimated to be \$205,493.

Program Progress Summary:

Through December 31, 2019 the following Residential Window Replacement totals are:

Residential Window Replacement: 16,473

PROGRAM DESCRIPTION AND PROGRESS

Program Title: PRIME TIME (LEGACY)

Program Description: An incentive program that encourages residential customers to allow the control of weather-sensitive heating, cooling and water heating systems to reduce the associated weather sensitive peak.

Program Projections: January 1, 2020 to December 31, 2020

This program is retired.

January 1, 2021 to December 31, 2021

This program is retired.

Program Fiscal Expenditures:

January 1, 2020 to December 31, 2020

Expenditures are estimated to be \$20,161.

January 1, 2021 to December 31, 2021

Expenditures are estimated to be \$19,754.

Program Progress Summary:

Program was retired on May 11, 2016.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: COMMERCIAL/INDUSTRIAL ENERGY AUDITS

Program Description: A “how to” information and analysis guide for customers. There are two types of commercial/industrial energy audits available to Tampa Electric customers: Commercial/Industrial (Free) and Comprehensive Commercial/Industrial (Paid).

Program Projections: January 1, 2020 to December 31, 2020

During this period, the following energy audit participation is projected:

Commercial/Industrial (Free):	500
Comprehensive Commercial/Industrial (Paid):	1

January 1, 2021 to December 31, 2021

During this period, the following energy audit participation is projected:

Commercial/Industrial (Free):	900
Comprehensive Commercial/Industrial (Paid):	4

Program Fiscal Expenditures:

January 1, 2020 to December 31, 2020

Expenditures are estimated to be \$296,957.

January 1, 2021 to December 31, 2021

Expenditures are estimated to be \$396,579.

Program Progress Summary:

Through December 31, 2019 the following Commercial Energy Audit totals are:

Commercial/Industrial (Free):	27,072
Comprehensive Commercial/Industrial (Paid):	239
<u>Commercial Mail-in</u>	<u>1,477</u>
Commercial/Industrial Total	28,788

Commercial Mail-in audit program was retired on December 31, 2004.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: COMMERCIAL CEILING INSULATION

Program Description: A rebate program that encourages commercial and industrial customers to install additional ceiling insulation in existing commercial structures.

Program Projections: January 1, 2020 to December 31, 2020

During this period, there is one customer projected to participate.

January 1, 2021 to December 31, 2021

During this period, there are zero customers projected to participate.

Program Fiscal Expenditures:

January 1, 2020 to December 31, 2020

Expenditures are estimated to be \$1,176.

January 1, 2021 to December 31, 2021

Expenditures are estimated to be \$0.

Program Progress Summary:

Through December 31, 2019 the following Commercial Ceiling Insulation totals are:

Commercial Ceiling Insulation: 324

PROGRAM DESCRIPTION AND PROGRESS

Program Title: COMMERCIAL CHILLER

Program Description: A rebate program that encourages commercial and industrial customers to install high efficiency chiller equipment.

Program Projections: January 1, 2020 to December 31, 2020

During this period, there are two units projected to be installed and approved.

January 1, 2021 to December 31, 2021

During this period, there are five units projected to be installed and approved.

Program Fiscal Expenditures:

January 1, 2020 to December 31, 2020

Expenditures are estimated to be \$13,039.

January 1, 2021 to December 31, 2021

Expenditures are estimated to be \$18,770.

Program Progress Summary:

Through December 31, 2019 the following Commercial Chiller totals are:
Commercial Chiller: 74

PROGRAM DESCRIPTION AND PROGRESS

Program Title: COGENERATION

Program Description: An incentive program whereby large industrial customers with waste heat or fuel resources may install electric generating equipment, meet their own electrical requirements and/or sell their surplus to the company.

Program Projections: January 1, 2020 to December 31, 2020

The company continues communication and interaction with all existing participants and potential developers regarding current and future cogeneration customers. There are no new cogeneration facility additions projected.

January 1, 2021 to December 31, 2021

The company continues communication and interaction with all existing participants and potential developers regarding current and future cogeneration customers. Tampa Electric will continue working with customers to evaluate the economics of additional capacity in future years.

Program Fiscal Expenditures:

January 1, 2020 to December 31, 2020

Expenditures are estimated to be \$18,110.

January 1, 2021 to December 31, 2021

Expenditures are estimated to be \$58,191.

Program Progress Summary:

At the end of 2019, there are seven cogeneration Qualifying Facilities (“QFs”) that are on-line in Tampa Electric’s service area. These facilities have a total combined nameplate generation capacity of 443.3 MW. This includes generation that is connected but wheeled outside of Tampa Electric’s service area.

The company continues interaction with existing participants and potential developers regarding current and future cogeneration activities.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: CONSERVATION VALUE

Program Description: A rebate program that encourages commercial and industrial customers to invest in energy efficiency and conservation measures that are not sanctioned by other commercial programs.

Program Projections: January 1, 2020 to December 31, 2020

During this period, there are zero customers projected to participate.

January 1, 2021 to December 31, 2021

During this period, there is one customer projected to participate.

Program Fiscal Expenditures:

January 1, 2020 to December 31, 2020

Expenditures are estimated to be \$3.

January 1, 2021 to December 31, 2021

Expenditures are estimated to be \$82,118.

Program Progress Summary:

Through December 31, 2019 the following Conservation Value totals are:
Conservation Value: 51

PROGRAM DESCRIPTION AND PROGRESS

Program Title: COMMERCIAL COOL ROOF

Program Description: A rebate program that encourages commercial and industrial customers to install a cool roof system above conditioned spaces.

Program Projections: January 1, 2020 to December 31, 2020

During this period, there are 15 customers projected to participate.

January 1, 2021 to December 31, 2021

During this period, there are zero customers projected to participate.

Program Fiscal Expenditures:

January 1, 2020 to December 31, 2020

Expenditures are estimated to be \$193,863.

January 1, 2021 to December 31, 2021

Expenditures are estimated to be \$0.

Program Progress Summary:

Through December 31, 2019 the following Commercial Cool Roof totals are:
Commercial Cool Roof: 268

PROGRAM DESCRIPTION AND PROGRESS

Program Title: COMMERCIAL COOLING

Program Description: A rebate program that encourages commercial and industrial customers to install high efficiency direct expansion commercial air conditioning cooling equipment.

Program Projections: January 1, 2020 to December 31, 2020

During this period, there are 15 units projected to be installed and approved.

January 1, 2021 to December 31, 2021

During this period, there are ten units projected to be installed and approved.

Program Fiscal Expenditures:

January 1, 2020 to December 31, 2020

Expenditures are estimated to be \$5,500.

January 1, 2021 to December 31, 2021

Expenditures are estimated to be \$4,671.

Program Progress Summary:

Through December 31, 2019 the following Commercial Cooling totals are:
Commercial Cooling: 2,338

PROGRAM DESCRIPTION AND PROGRESS

Program Title: DEMAND RESPONSE

Program Description: A turn-key incentive program for commercial and industrial customers to reduce their demand for electricity in response to market signals.

Program Projections: January 1, 2020 to December 31, 2020

During this period, there are 40 MW of demand response available for control.

January 1, 2021 to December 31, 2021

During this period, there are 40 MW of demand response projected to be available for control.

Program Fiscal Expenditures:

January 1, 2020 to December 31, 2020

Expenditures are estimated to be \$3,138,527.

January 1, 2021 to December 31, 2021

Expenditures are estimated to be \$3,077,070.

Program Progress Summary:

Through December 31, 2019, Tampa Electric was subscribed for 40 MW.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: COMMERCIAL DUCT REPAIR

Program Description: A rebate program that encourage existing commercial and industrial customers to repair leaky ductwork of central air-conditioning systems in existing commercial and industrial facilities.

Program Projections: January 1, 2020 to December 31, 2020

During this period, there is one repair projected to be made.

January 1, 2021 to December 31, 2021

During this period, there are zero repairs projected to be made.

Program Fiscal Expenditures:

January 1, 2020 to December 31, 2020

Expenditures are estimated to be \$287.

January 1, 2021 to December 31, 2021

Expenditures are estimated to be \$0.

Program Progress Summary:

Through December 31, 2019 the following Commercial Duct Repair totals are:
Commercial Duct Repair: 11,039

PROGRAM DESCRIPTION AND PROGRESS

Program Title: COMMERCIAL ELECTRONICALLY COMMUTATED MOTORS (ECM)

Program Description: A rebate program that encourages commercial and industrial customers to replace their existing air handler motors or refrigeration fan motors with an ECM.

Program Projections: January 1, 2020 to December 31, 2020

During this period, there are zero customers projected to participate.

January 1, 2021 to December 31, 2021

During this period, there are zero customers projected to participate.

Program Fiscal Expenditures:

January 1, 2020 to December 31, 2020

Expenditures are estimated to be \$0.

January 1, 2021 to December 31, 2021

Expenditures are estimated to be \$0.

Program Progress Summary:

Through December 31, 2019 the following Commercial ECM totals are:
Commercial ECM: 1,512

PROGRAM DESCRIPTION AND PROGRESS

Program Title: FACILITY ENERGY MANAGEMENT SYSTEM

Program Description: A rebate program that encourages commercial/industrial customers to install a facility energy management system.

Program Projections: January 1, 2020 to December 31, 2020

During this period, there are two customers projected to participate.

January 1, 2021 to December 31, 2021

During this period, there are 24 customers projected to participate.

Program Fiscal Expenditures:

January 1, 2020 to December 31, 2020

Expenditures are estimated to be \$39,806.

January 1, 2021 to December 31, 2021

Expenditures are estimated to be \$479,447.

Program Progress Summary:

The company is projecting to initiate this program on November 2, 2020.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: INDUSTRIAL LOAD MANAGEMENT (GSLM 2&3)

Program Description: An incentive program whereby large industrial customers allow for the interruption of their facility or portions of their facility electrical load.

Program Projections: January 1, 2020 to December 31, 2020

During this period, one new customer is projected to participate.

January 1, 2021 to December 31, 2021

During this period, one new customer is projected to participate.

Program Fiscal Expenditures:

January 1, 2020 to December 31, 2020

Expenditures are estimated to be \$17,208,518.

January 1, 2021 to December 31, 2021

Expenditures are estimated to be \$17,146,295.

Program Progress Summary:

Through December 31, 2019, there are 34 customers participating.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: LED STREET AND OUTDOOR LIGHTING CONVERSION

Program Description: A conservation program that converts the company's existing metal halide and high-pressure sodium street and outdoor luminaires to light emitting diode luminaires. The program allows for the recovery of the remaining unamortized costs in rate base associated with the luminaires converted.

Program Projections: January 1, 2020 to December 31, 2020

During this period, there are 40,000 luminaires projected to be converted.

January 1, 2021 to December 31, 2021

During this period, there are 45,000 luminaires projected to be converted.

Program Fiscal Expenditures:

January 1, 2020 to December 31, 2020

Undepreciated net book value expenditures are estimated to be \$4,974,915
Salvage value associated with converted luminaires are estimated to be \$110,000
Net expenditures are estimated to be \$4,864,915

January 1, 2021 to December 31, 2021

Undepreciated net book value expenditures are estimated to be \$5,625,000
Salvage value associated with converted luminaires are estimated to be \$127,500
Net expenditures are estimated to be \$5,497,500

Program Progress Summary:

Through December 31, 2019 the following street and outdoor metal halide and high-pressure sodium luminaires have been converted to light emitting diode luminaires:

Converted luminaires: 64,302

PROGRAM DESCRIPTION AND PROGRESS

Program Title: LIGHTING CONDITIONED SPACE

Program Description: A rebate program that encourages commercial and industrial customers to invest in more efficient lighting technologies in existing conditioned areas of commercial and industrial facilities.

Program Projections: January 1, 2020 to December 31, 2020

During this period, there are 200 customers projected to participate.

January 1, 2021 to December 31, 2021

During this period, there are 195 customers projected to participate.

Program Fiscal Expenditures:

January 1, 2020 to December 31, 2020

Expenditures are estimated to be \$896,079.

January 1, 2021 to December 31, 2021

Expenditures are estimated to be \$602,808.

Program Progress Summary:

Through December 31, 2019 the following Lighting Conditioned Space totals are:
Lighting Conditioned Space: 2,786

PROGRAM DESCRIPTION AND PROGRESS

Program Title: LIGHTING NON-CONDITIONED SPACE

Program Description: A rebate program that encourages commercial and industrial customers to invest in more efficient lighting technologies in existing non-conditioned areas of commercial and industrial facilities.

Program Projections: January 1, 2020 to December 31, 2020

During this period, there are 70 customers projected to participate.

January 1, 2021 to December 31, 2021

During this period, there are 115 customers projected to participate.

Program Fiscal Expenditures:

January 1, 2020 to December 31, 2020

Expenditures are estimated to be \$144,604.

January 1, 2021 to December 31, 2021

Expenditures are estimated to be \$167,789.

Program Progress Summary:

Through December 31, 2019 the following Lighting Non-Conditioned Space totals are:

Lighting Non-Conditioned Space: 929

PROGRAM DESCRIPTION AND PROGRESS

Program Title: LIGHTING OCCUPANCY SENSORS

Program Description: A rebate program that encourages commercial and industrial customers to install occupancy sensors to control commercial lighting systems.

Program Projections: January 1, 2020 to December 31, 2020

During this period, there are six units projected to be installed and approved.

January 1, 2021 to December 31, 2021

During this period, there are 15 units projected to be installed and approved.

Program Fiscal Expenditures:

January 1, 2020 to December 31, 2020

Expenditures are estimated to be \$8,435.

January 1, 2021 to December 31, 2021

Expenditures are estimated to be \$20,615.

Program Progress Summary:

Through December 31, 2019 the following Lighting Occupancy Sensors totals are:
Lighting Occupancy Sensors: 226

PROGRAM DESCRIPTION AND PROGRESS

Program Title: COMMERCIAL LOAD MANAGEMENT

Program Description: An incentive program that encourages commercial and industrial customers to allow for the control of weather-sensitive heating, cooling and water heating systems to reduce the associated weather sensitive peak.

Program Projections: January 1, 2020 to December 31, 2020

During this period, there are zero new installations projected.

January 1, 2021 to December 31, 2021

During this period, there are zero new installations projected.

Program Fiscal Expenditures:

January 1, 2020 to December 31, 2020

Expenditures are estimated to be \$6,615.

January 1, 2021 to December 31, 2021

Expenditures are estimated to be \$6,615.

Program Progress Summary:

Through December 31, 2019 the following Commercial Load Management totals are:

Commercial Load Management Participating Customers: 5

PROGRAM DESCRIPTION AND PROGRESS

Program Title: REFRIGERATION ANTI-CONDENSATE CONTROL

Program Description: A rebate program that encourages commercial and industrial customers to install anti-condensate equipment sensors and control within refrigerated door systems.

Program Projections: January 1, 2020 to December 31, 2020

During this period, there are zero customers projected to participate.

January 1, 2021 to December 31, 2021

During this period, there are zero customers projected to participate.

Program Fiscal Expenditures:

January 1, 2020 to December 31, 2020

Expenditures are estimated to be \$0.

January 1, 2021 to December 31, 2021

Expenditures are estimated to be \$0.

Program Progress Summary:

Through December 31, 2019 the following Refrigeration Anti-Condensate totals are:

Refrigeration Anti-Condensate: 0

PROGRAM DESCRIPTION AND PROGRESS

Program Title: COMMERCIAL SMART THERMOSTAT

Program Description: A rebate program that encourages commercial and industrial customers to install smart thermostats to help reduce their demand.

Program Projections: January 1, 2020 to December 31, 2020

During this period, there are five customers projected to participate.

January 1, 2021 to December 31, 2021

During this period, there are 60 customers projected to participate.

Program Fiscal Expenditures:

January 1, 2020 to December 31, 2020

Expenditures are estimated to be \$8,655.

January 1, 2021 to December 31, 2021

Expenditures are estimated to be \$179,561.

Program Progress Summary:

The company is projecting to initiate this program on November 2, 2020.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: STANDBY GENERATOR

Program Description: An incentive program designed to utilize the emergency generation capacity of commercial/industrial facilities in order to reduce weather sensitive peak demand.

Program Projections: January 1, 2020 to December 31, 2020

During this period, there are six new installations projected.

January 1, 2021 to December 31, 2021

During this period, there are three new installations projected.

Program Fiscal Expenditures:

January 1, 2020 to December 31, 2020

Expenditures are estimated to be \$3,828,326.

January 1, 2021 to December 31, 2021

Expenditures are estimated to be \$4,043,461.

Program Progress Summary:

Through December 31, 2019 the following Standby Generator totals are:
Standby Generator Participating Customers: 102

PROGRAM DESCRIPTION AND PROGRESS

Program Title: THERMAL ENERGY STORAGE

Program Description: A rebate program that encourages commercial and industrial customers to install an off-peak air conditioning system.

Program Projections: January 1, 2020 to December 31, 2020

During this period, there are zero customers projected to participate.

January 1, 2021 to December 31, 2021

During this period, there are zero customers projected to participate.

Program Fiscal Expenditures:

January 1, 2020 to December 31, 2020

Expenditures are estimated to be \$160,469.

January 1, 2021 to December 31, 2021

Expenditures are estimated to be \$0.

Program Progress Summary:

Through December 31, 2019 the following Thermal Energy Storage totals are:
Thermal Energy Storage: 3

PROGRAM DESCRIPTION AND PROGRESS

Program Title: VARIABLE FREQUENCY DRIVE CONTROL FOR COMPRESSORS

Program Description: A rebate program that encourages commercial and industrial customers to install variable frequency drives to their new or existing refrigerant or air compressor motors.

Program Projections: January 1, 2020 to December 31, 2020

During this period, there are two customers projected to participate.

January 1, 2021 to December 31, 2021

During this period, there are 48 customers projected to participate.

Program Fiscal Expenditures:

January 1, 2020 to December 31, 2020

Expenditures are estimated to be \$7,091.

January 1, 2021 to December 31, 2021

Expenditures are estimated to be \$84,783.

Program Progress Summary:

The company is projecting to initiate this program on November 2, 2020.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: COMMERCIAL WALL INSULATION

Program Description: A rebate program that encourages commercial and industrial customers to install wall insulation in existing commercial and industrial structures.

Program Projections: January 1, 2020 to December 31, 2020

During this period, there are zero customers projected to participate.

January 1, 2021 to December 31, 2021

During this period, there are zero customers projected to participate.

Program Fiscal Expenditures:

January 1, 2020 to December 31, 2020

Expenditures are estimated to be \$0.

January 1, 2021 to December 31, 2021

Expenditures are estimated to be \$0.

Program Progress Summary:

Through December 31, 2019 the following Commercial Wall Insulation totals are:
Commercial Wall Insulation: 2

PROGRAM DESCRIPTION AND PROGRESS

Program Title: COMMERCIAL WATER HEATING

Program Description: A rebate program that encourages commercial and industrial customers to install high efficiency water heating systems.

Program Projections: January 1, 2020 to December 31, 2020

During this period, there are zero units projected to be installed and approved.

January 1, 2021 to December 31, 2021

During this period, there is one unit projected to be installed and approved.

Program Fiscal Expenditures:

January 1, 2020 to December 31, 2020

Expenditures are estimated to be \$3.

January 1, 2021 to December 31, 2021

Expenditures are estimated to be \$2,191.

Program Progress Summary:

Through December 31, 2019 the following Commercial Water Heating totals are:
Commercial Water Heating: 0

PROGRAM DESCRIPTION AND PROGRESS

Program Title: INTEGRATED RENEWABLE ENERGY SYSTEM (PILOT)

Program Description: A five-year pilot program to study the capabilities and DSM opportunities of a fully integrated renewable energy system.

Program Projections: See Program Progress Summary.

Program Fiscal Expenditures: January 1, 2020 to December 31, 2020

Expenditures are estimated to be \$133,603.

January 1, 2021 to December 31, 2021

Expenditures are estimated to be \$1,351,751.

Program Progress Summary: The company is initiating the five-year pilot program in 2020.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: DSM RESEARCH AND DEVELOPMENT (R&D)

Program Description: A program that allows for the exploration of DSM measures that have insufficient data on the cost-effectiveness of the measure and the potential impact to Tampa Electric and its ratepayers.

Program Projections: See Program Progress Summary.

Program Fiscal Expenditures:

January 1, 2020 to December 31, 2020

Expenditures are estimated to be \$29,777.

January 1, 2021 to December 31, 2021

Expenditures are estimated to be \$2,495.

Program Progress Summary:

Currently, Tampa Electric continues to monitor and review possible programs to research and develop and has the following four R&D evaluations in progress:

1. Home energy management system.
2. Electric vehicle benefits and impacts.
3. Battery storage for peak shifting.
4. Heat Pump Water Heater inclusion into the Energy Planner Program.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: RENEWABLE ENERGY PROGRAM

Program Description: This program is designed to promote and deliver renewable energy options to the company's customers. This specific effort provides funding for program administration, generation, evaluation of potential new renewable sources and market research.

Program Projections: January 1, 2020 to December 31, 2020

During this period, there are 1,300 projected customers with 2,200 subscribed monthly blocks estimated on a cumulative basis.

During this period, there are 100 blocks estimated to be purchased on a one-time basis.

January 1, 2021 to December 31, 2021

During this period, there are 1,200 projected customers with 1,900 subscribed monthly blocks estimated on a cumulative basis.

During this period, there are 1,500 blocks estimated to be purchased on a one-time basis.

Program Fiscal Expenditures:

January 1, 2020 to December 31, 2020

During this period, the company anticipates revenues of approximately \$129,500 to be used for new renewable generation. At the end of this period, the company projects the deferred balance (credits) to be \$143,906.

January 1, 2021 to December 31, 2021

During this period, the company anticipates revenues of approximately \$117,660 to be used for new renewable generation. At the end of this period, the company projects the deferred balance (credits) to be \$46,029.

Program Progress Summary:

Through December 31, 2019, there were 1,394 customers with 2,277 blocks subscribed. In addition, there were 183 blocks of renewable energy purchased on a one-time basis. On a cumulative basis, there have been 526,721 monthly subscription blocks and 3,053 one-time blocks of renewable energy purchased.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: COMMON EXPENSES

Program Description: These are expenses common to all programs.

Program Projections: N/A

Program Fiscal Expenditures: January 1, 2020 to December 31, 2020

Expenditures are estimated to be \$691,887.

January 1, 2021 to December 31, 2021

Expenditures are estimated to be \$846,998.

Program Progress Summary: N/A

2021 Residential Service Variable Pricing (RSVP-1) Rates (Cents per kWh)

Rate Tiers	Base Rate	Fuel	Capacity	Environmental	Conservation	Total Clauses	Base Rate Plus Clauses
P4	5.539	2.856	0.002	0.269	43.914	47.041	52.580
P3	5.539	2.856	0.002	0.269	7.564	10.691	16.230
P2	5.539	2.856	0.002	0.269	-0.882	2.245	7.784
P1	5.539	2.856	0.002	0.269	-3.026	0.101	5.640

17

FPL's Response to Staff's First Set of Interrogatories Nos. 1-8

(No. 1 has an attachment)

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20200002-EG EXHIBIT: 17
PARTY: Sharma (1-8)
DESCRIPTION: FPL's Response to Staff's
First Set of Interrogatories Nos. 1-8
(No. 1 has an attachment) [Bates Nos. ...

QUESTION:

For each existing DSM program, please identify in Excel format the results of updated Participants, Rate Impact Measure (RIM), and Total Resource Cost (TRC) cost-effectiveness tests.

RESPONSE:

Please see Attachment I to this Interrogatory response.

QUESTION:

Docket No. 20170216-EI implemented a 30-day transfer for participants moving from the Curtailable Service tariff to the Commercial/Industrial Demand Reduction program.

- a. How many participants migrated from the Curtailable Service Tariff to the Commercial/Industrial Demand Reduction program using the 30-day transfer approved in that docket in 2019?**
- b. What was the incremental amount of the credits associated with the transfer of those participants in 2019?**

RESPONSE:

- a. None.
- b. Not applicable.

QUESTION:

Please describe how the COVID-19 pandemic has affected FPL's ability to offer DSM programs in 2020. As part of your response, please address whether certain programs have been disrupted more than others, and if applicable, describe what steps the Company has taken to mitigate the disruption(s).

RESPONSE:

FPL suspended employee visits to customers' homes and businesses in March. Since then, FPL has been closely monitoring the situation and adjusting its plans to determine when it will be appropriate to restart such visits. This will depend on both safety and customers' interest/willingness to have FPL employees on-site. At this time, FPL does not have a date for when such visits will resume. The impact on FPL's programs has varied depending on the method through which each program is delivered and customers' ability/interest to pursue such programs during the pandemic.

FPL normally offers its Residential and Business Energy Survey programs through online, phone and on-site channels. Since March, FPL has successfully shifted all participation to its online and phone channels to offset the suspension of on-site surveys.

At this time, FPL expects that overall Summer and Winter MW and GWh achievements for its Residential incentive programs will fall below its 2020 Goals due to the COVID-19 pandemic. FPL's Residential Ceiling Insulation program was negatively impacted because a survey was a required prerequisite to receive the maximum incentive (versus a lower incentive if issued by a participating independent contractor (PIC) without a survey). In order to mitigate this issue and improve participation, FPL requested, and Staff approved, a temporary process to allow the maximum incentive to be issued even without a survey. FPL expects its BuildSmart and Low Income programs to produce approximately their originally projected savings. For the Air Conditioning program, to mitigate the reduced participation, FPL is adding PICs and has begun a social media campaign. For the On Call program, work by the installation contractors inside the home is being resumed in a disciplined manner. However, FPL expects that it is unlikely to fully make up for the lost installations due to COVID-19.

At this time, FPL expects to achieve its 2020 Business incentive programs' Summer and Winter MW Goals, but fall short of its GWh Goal. FPL's Commercial/Industrial Demand Reduction (CDR) program is expected to exceed its originally projected participation. Participation in FPL's Business Efficient Lighting and Business HVAC programs initially continued as projected, but have since fallen off significantly because it appears that businesses are redirecting or conserving capital in response to COVID-19. The higher than expected CDR participation is expected to offset these programs' Summer and Winter MW shortfalls, but cannot offset their reduced GWh achievement. FPL is unable to mitigate the issues with these programs.

18

FPL's Response to Staff's Second Set of Interrogatories
Nos. 9-12

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20200002-EG EXHIBIT: 18
PARTY: Sharma (9-12)
DESCRIPTION: FPL's Response to Staff's
Second Set of Interrogatories Nos. 9-12
[Bates Nos. 00005-00009]

QUESTION:

Please describe how the COVID-19 Pandemic has affected the Company's projected conservation program costs for 2021. As part of your response, please address whether certain programs are projected to be disrupted more than others, and if applicable, describe what steps the Company has planned to mitigate the disruption(s).

RESPONSE:

Please see FPL's response to Staff's First Set of Interrogatories No. 3. FPL expects to resume all the programs it suspended earlier this year due to the pandemic by the fourth quarter of 2020. Therefore, FPL's 2021 projections assume no significant impacts to costs, achievement of Commission-approved DSM Goals or program disruptions.

QUESTION:

Please refer to FPL's August 7, 2020, filing in Docket No. 20200002-EG, Schedule C-2, Page 5, to answer the following questions about projected expenses for 2021.

- a. Please explain the credit of \$1,614,244 under "Other" for the Residential Load Management program.
- b. Please explain the credit of \$258,923 under "Other" for the Cogeneration & Small Power Production program.

RESPONSE:

- a. This credit is a function of the way FPL's SAP budget system reflects the pre-capitalized labor cost for FPL's Residential Load Management program. At the time of purchase, FPL pre-capitalizes the contractor labor cost associated with installing load control transponders (LCTs) in customers' homes and FPL books a credit for the associated labor costs in the Other category. Once an LCT is removed from inventory and installed in a customer's home, the original credit entry is reversed and recorded in the Payroll & Benefits category.
- b. The credit is associated with the administrative activities performed by FPL for Co-generators and Small Power Producers. These parties reimburse FPL for providing these services on their behalf by a reduction in the amount FPL pays them for their output. This reduction is reflected as a credit to the Energy Conservation Cost Recovery costs paid by FPL's general body of customers.

QUESTION:

Please refer to FPL's August 7, 2020, filing in Docket No. 20200002-EG. Please explain the following variations in Actual/Estimated expenses for 2020 (Schedule C-3, Pages 12 and 13) and Projected expenses for 2021 (Schedule C-2, Page 5).

- a. The increase in "Outside Services" expenses for the Residential Load Management program from \$2,376,474 in 2020 to \$3,888,182 in 2021.**
- b. The decrease in "Rebates" expenses for the Residential Load Management program from \$32,176,242 in 2020 to \$29,418,997 in 2021.**
- c. The decrease in "Outside Services" expenses for the Commercial/Industrial Load Control program from \$35,308 in 2020 to \$1,879 in 2021.**
- d. The increase in "Rebates" expenses for the Business Heating, Ventilating & A/C program from \$4,242,096 in 2020 to \$6,626,812 in 2021.**
- e. The increase in "Outside Services" expenses for the Conservation Research & Development program from \$100,000 in 2020 to \$750,000 in 2021.**

RESPONSE:

- a. The cost increase is due to resuming normal program activity levels for equipment repair work in 2021. In 2020, the amount of such work has been lower due to suspension of the program due to the COVID-19 pandemic. Please also see FPL's response to Staff's First Set of Interrogatories No. 3.
- b. This reflects the participant bill credit incentive reductions included in FPL's 2020 DSM Plan as approved by the Commission in July (Consummating Order PSC-2020-0291-CO-EG).
- c. In 2020, FPL used a contractor to perform maintenance on switching equipment at customer premises. This maintenance work will not be needed in 2021 because the switches are instead going to be replaced with a newer technology.
- d. 2020 costs were below normal due to lower participation as a result of the pandemic. 2021 participation is projected to return to normal levels. Please also see FPL's responses to Staff's First Set of Interrogatories No. 3 and No. 9 of this set.
- e. FPL plans to conduct more research & development projects in 2021 than 2020. In 2021, FPL plans to evaluate the energy efficiency and demand response capabilities and benefits for participating and non-participating customers of potential next-generation technologies such as residential smart circuit breakers, relays and panel boards.

QUESTION:

Please refer to FPL's August 7, 2020, filing in Docket No. 20200002-EG, Schedule C-3, Pages 1 and 2, to answer the following questions about variances between Actual and Estimated expenses for 2020.

- a. Please explain the variation in "Other" for the Residential ceiling Insulation program. Actual expenses for the first half of 2020 are shown to be \$1,707, while the second half estimate is \$27,734.
- b. Please explain the variation in "Other" for the Residential Air Conditioning program. Actual expenses for the first half of 2020 are shown to be \$3,390, while the second half estimate is \$57,604.
- c. Please explain the variation in "Materials & Supplies" for the Residential Low Income program. Actual expenses for the first half of 2020 are shown to be \$20,913, while the second half estimate is \$1,575.
- d. Please explain the variation in "Outside Services" for the Conservation Research & Development program. Actual expenses for the first half of 2020 are shown to be \$0, while the second half estimate is \$100,000.

RESPONSE:

- a. The difference is due to timing of expenditures for producing program promotional materials, which was planned for the second half of 2020.
- b. As with the Residential Ceiling Insulation Program, the difference for the Residential Air Conditioning Program is due to timing of expenditures for producing program promotional materials, which was planned for the second half of 2020.
- c. The difference is due to timing of when FPL purchased the efficient equipment kits, which are installed in customers' homes by FPL as part of the Low Income program. The majority of the needed inventory was purchased in the first half of the year.
- d. FPL is conducting research & development projects in the second half of 2020, but did not do so during the first half.

19

FPL's Response to Staff's Third Set of Interrogatories No.13

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20200002-EG EXHIBIT: 19
PARTY: Sharma (13)
DESCRIPTION: FPL's Response to Staff's
Third Set of Interrogatories No.13
[Bates Nos. 00010-00011]

QUESTION:

In FPL's Response to Staff's First Set of Interrogatories, Item Number 3, the Company indicated it had suspended on-site operations for the Residential and Commercial Energy audits in 2020.

- a. If applicable, please state when the suspension for each program was lifted.**
- b. Please describe how the Company communicated with its customers regarding the suspension and, if applicable, the resumption of on-site operations for the Residential and Commercial Energy audits in 2020.**

RESPONSE:

- a. FPL resumed on-site surveys on October 5th for residential and small/medium business customers. FPL resumed on-site surveys for large business customers on June 22nd. During the period of on-site suspensions, the number of surveys performed continued at approximately the same level as 2019, demonstrating that FPL was able to successfully serve customer requests for these programs by shifting to its phone and online channels.
- b. Survey participation typically stems from customer inquiries looking for ways to decrease their electric bill. FPL's Care Center representatives and Customer Advisors are the normal points of contact for such inquiries. If in the course of such a discussion during the suspension period a customer expressed interest in having the survey performed on-site, then FPL informed them that the phone and online channels were the only options available at that time. No "resumption" communication was necessary because in situations where the customer sought an on-site survey following June 22 and October 5 for large business or residential/small business, respectively, FPL simply met the customer's request without the need to explain that the option had been unavailable during a prior period.

GPC's Response to Staff's First Set of Interrogatories Nos. 1-9

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20200002-EG EXHIBIT: 20
PARTY: Floyd (1-9)
DESCRIPTION: GPC's Response to Staff's
First Set of Interrogatories Nos. 1-9
[Bates Nos. 00012-00025]

1. For each existing DSM program, please identify in Excel format the results of updated Participants, Rate Impact Measure (RIM), and Total Resource Cost (TRC) cost-effectiveness tests.

ANSWER:

Residential Programs	RIM	Participants	TRC
HVAC Efficiency			
HVAC Maintenance	0.476	5.590	1.734
HVAC Quality Installation	0.507	8.314	1.980
HVAC Duct Repair	0.669	1.463	0.912
Building Efficiency			
High Performance Window	0.568	1.402	0.682
Reflective Roof	0.358	4.004	1.089
Energy Star Window AC	0.232	3.693	0.358
Community Energy Saver	0.315	24.441	1.299
Energy Select	0.684	99.900	1.185
Commercial Programs	RIM	Participants	TRC
HVAC Retrocommissioning	0.406	4.956	1.160
Building Efficiency			
Geothermal Heat Pump	0.597	1.555	1.065
Ceiling/Roof Insulation	0.664	2.594	1.338
Reflective Roof	0.517	1.968	0.940
Critical Peak Option	1.000	99.900	27.130
Curtable Load	1.000	99.900	32.980

2. Please describe how the COVID-19 pandemic has affected Gulf's ability to offer DSM programs in 2020. As part of your response, please address whether certain programs have been disrupted more than others, and if applicable, describe what steps the Company has taken to mitigate the disruption(s).

ANSWER:

The COVID-19 pandemic has significantly impacted the delivery of many of Gulf's DSM programs in 2020. In general, response to the governor's executive orders to reduce the spread of the coronavirus has resulted in limited customer visits for which to qualify and deliver program services. Impacts to specific programs are described in more detail below.

Residential Energy Surveys (in-home) –To protect the safety and well-being of customers and employees, appointments for in-home energy surveys have been temporarily suspended. At the same time, the Company continues to promote Gulf Power's online Energy Survey program via social media, Company website, advertisement and Company call center.

Energy Select – The Energy Select program requires a technician to enter the home and install energy management equipment on the customer's HVAC system and/or water heater. To protect the safety and well-being of customers and contractors, appointments for installations and removals have been temporarily suspended. Since in-home visits are required to achieve program goals, the program has experienced significant disruption.

Community Energy Saver – The Community Energy Saver program requires a technician to enter the home and install energy efficient measures. To protect the safety and well-being of customers and contractors, appointments for installations have been temporarily suspended. Since in-home visits are required to achieve program goals, the program has experienced significant disruption.

Residential Building Efficiency – The Residential Building Efficiency programs utilize independent contractors to install the energy efficiency measures in residential premises. While actions of these independent contractors have not been dictated by Gulf, participation has significantly decreased.

HVAC Efficiency – The program utilizes certified technicians of independent HVAC contractors to perform services associated with the program. Participation in this program has not experienced the same degree of disruption as other residential programs.

Commercial / Industrial (C/I) Energy Analysis – To protect the safety and well-being of customers and employees, appointments for in-business energy surveys have been temporarily suspended. At the same time, the Company continues to promote Gulf Power's online Energy Survey program via monthly commercial newsletter, social media, Company website, advertisement and the Company call center.

Commercial HVAC Retrocommissioning – The Commercial HVAC Retrocommissioning program utilizes certified technicians of independent HVAC contractors to perform the measures of the program. Since in-business visits are required to achieve the program goals, and many small businesses have shut down during the pandemic, the program has experienced significant disruption.

Commercial Building Efficiency – The Commercial Building Efficiency programs utilize independent contractors to install the energy efficiency measures in commercial premises. Since in-business visits are required to achieve the program goals, and many small businesses have shut down during the pandemic, the program has experienced significant disruption.

3. Please describe how has the COVID-19 pandemic affected Gulf's outreach efforts and/or advertising strategy in 2020. As part of your response, please address how, or if, social media platforms are a component of the Company's outreach, and how they have been used during the COVID-19 pandemic.

ANSWER:

Gulf has adjusted outreach efforts and advertising in response to the COVID-19 pandemic. Given limitations on in-home and on-site customer visits, Gulf has taken several steps to engage customers in ways to help them manage energy usage.

For energy audits, customer advisors are offering telephone surveys and consultations in lieu of on-site visits. Digital, including social media, and television advertising for online energy audits has been increased during May and June resulting in increased participation in the online version of this program.

Gulf has also launched "Stay at home tips" to educate customers on ways to save while working from home. This campaign exclusively utilizes the Company's social media channels- Facebook, Twitter, and Instagram.

The Company has also proactively reached out to customers whose usage has significantly increased as compared to the same period last year to offer energy saving tips and bill assistance.

4. Please refer to Schedule CT-3, Pages 1 and 2, of Gulf's May 4, 2020, filing in Docket No. 20200002-EG to answer the following questions.
- Please provide an overview, by program, of the types of expenditures found in the "Materials & Expenses" cost category.
 - Please explain why the total advertising expense is shown as a credit of \$13,330.

ANSWER:

- a. An overview, by program, of the types of expenditures found in Materials & Expenses category are shown in the following table:

Number	Program	Expenditure Type
1	Residential Energy Audits	Communications
		Contract Services
		Materials
		Meals & Travel
		Office Supplies
		Program Expenses
		Telecommunications
2	Community Energy Saver	Communications
		Contract Services
		Meals & Travel
		Office Supplies
		Program Expenses
3	Residential Custom Incentive	Contract Services
		Meals & Travel
		Office Supplies
		Program Expenses
4	HVAC Efficiency	Contract Services
		Meals & Travel
		Office Supplies
		Program Expenses
		Telecommunications

Number	Program	Expenditure Type
5	Residential Building Efficiency	Communications
		Contract Services
		Materials
		Meals & Travel
		Office Supplies
		Program Expenses
		Telecommunications
6	EnergySelect	Communications
		Contract Services
		Materials
		Meals & Travel
		Office Supplies
		Program Expenses
		Telecommunications
7	Commercial/Industrial Audit	Contract Services
		Materials
		Meals & Travel
		Office Supplies
		Program Expenses
		Telecommunications
8	HVAC Retro	Contract Services
		Meals & Travel
		Office Supplies
		Program Expenses
9	Commercial Building Efficiency	Contract Services
		Meals & Travel
		Office Supplies
		Program Expenses
10	Commercial/Industrial Custom Incentive	Contract Services
		Meals & Travel
		Office Supplies
		Program Expenses

- b. The total advertising expense of (\$13,300) for the Residential Energy Audit and Education program reflected on CT-3 page 2 is a result of 2018 accruals that were not reversed in 2019 and advertising expenses that were captured in the "Material and Expenses" category instead of the "Advertising" category. The unreversed accrual was a result of the Company's change in ownership in January of 2019 and was discussed in Gulf's response to Staff's Second Set of Interrogatories, Item No. 18, which was filed in Docket No. 20190002-EG, on September 16, 2019. In total, the Company incurred \$93,069 in advertising expenses in 2019 associated with the Residential Energy Audit and Education program. Only a portion of these expenses was captured in the Advertising category resulting in the final true-up amount shown. The balance of these expenses was captured in the Materials and Expenses cost category.

5. Please refer to Schedule CT-3, Pages 1 and 2, of Gulf's May 4, 2020, filing in Docket No. 20200002-EG. Gulf spent \$117,937 less than projected on Advertising in the Residential Energy Audit and Education Program. Gulf also spent \$121,558 less than projected on Advertising in the Energy Select Program. Gulf did not advertise any other programs. In total, Gulf spent 8.8% (\$23,088/\$262,583) of its projected advertising expenditures.
 - a. Gulf did not achieve any of its 2019 Residential FEECA Goals. Please explain why the Company did not spend its projected amount on residential program advertising in an effort to achieve its residential conservation goals.
 - b. Gulf did not achieve any of its 2019 Commercial/Industrial FEECA Goals. Please explain why the Company did not spend its projected amount on C/I program advertising to achieve its C/I goals.
 - c. Please describe, in detail, Gulf's advertising strategy for 2019.
 - d. Please describe Gulf's advertising strategy going forward.

ANSWER:

- a. Gulf spent a total of \$234,747 (89% of projected advertising expenses) on advertising Residential Energy Audit and Energy Select programs in 2019. Upon review of these charges, it has been discovered that most of these expenses were classified in the "Materials and Expenses" category for each program instead of the "Advertising" category. Specifically, Gulf spent \$93,069 in advertising for Residential Energy Audit compared to a projection of \$104,607 and a total of \$141,678 for EnergySelect advertising compared to a projection of \$157,976. These advertising expenses included billboard, print, radio, television, digital, direct mail and social media promotion of these programs in an effort to increase participation. Advertising expenses for both programs were slightly under projection due to timing of media placement and printing.
- b. Gulf did not project C/I advertising expenses for 2019, nor has the Company traditionally projected advertising expenses for these programs. The C/I programs are promoted primarily through direct contact between customer advisors and customers as a result of billing inquiries, energy audit requests and other proactive contacts including rate reviews.
- c. The Company's advertising strategy in 2019 was built around promotion of the energy audit program as a gateway to energy savings opportunities for customers, including Gulf's other DSM program offerings. The Company diversifies advertising across multiple media channels including online (website

and paid digital), billboard, print, radio, television and social media in an effort to have the broadest reach across the customer base. For the EnergySelect program, the Company primarily utilizes direct mail advertising which allows for more explanation of the program elements.

- d. The Company's advertising strategy going forward will continue the principles discussed in subpart c. above. For 2020, the Company has increased emphasis on online energy audits and savings recommendations due to COVID-19. Given the Commission's recent approval of the Company's 2020 DSM Plan, the Company also intends to budget advertising expenses for new programs in order to create customer awareness.

6. Please refer to CT-6, Page 9, and Gulf's Commercial HVAC Retrocommissioning Program. In 2018, Gulf spent \$160,812 on the program, which enrolled 78 participants. In 2019, Gulf spent \$131,968 on the program, which enrolled 7 participants. Please explain why the cost per participant increased from \$2,062 to \$18,853 between 2018 and 2019, respectively.

ANSWER:

The program has fixed costs assigned for program management which is consistent from year to year. The increased activity in 2018 allowed Gulf to spread these fixed costs over more units, resulting in a reduced cost per participant.

7. Please refer to Schedule CT-6 Page 5 of 15, Residential HVAC Efficiency Program. Please explain why Gulf incurred \$491,287 in expenses for this program rather than \$934,470 as projected for 2019, and enrolled 1,044 participants in related measures rather than 2,800 participants as projected for 2019?

ANSWER:

Significant efforts were made by Gulf Power personnel to enlist new vendors and encourage more activity from all established HVAC contractors in the program. These efforts resulted in enrolling seven new HVAC contractors in the program. Ultimately, however, limited interest in the program by both contractors and customers continues to result in lower than expected program participation.

8. Please refer to Schedule CT-2, to answer the following questions.
 - a. Please explain the decrease in expenditures under the Payroll & Benefits Expense. In 2018, Gulf spent \$3,680,590. In 2019, Gulf spent \$2,448,747.
 - b. Please explain the decrease in expenditures under the Advertising Expense. In 2018, Gulf spent \$441,930. In 2019, Gulf spent \$23,088.
 - c. Please explain the increase in expenditures under the Incentives Expense. In 2018, Gulf spent \$322,203. In 2019, Gulf spent \$911,524.

ANSWER:

- a. The decrease in expenditures under the Payroll and Benefits expense from 2018 to 2019 was a result of an overall decrease in staffing that expensed payroll to the DSM programs. Three program managers retired in 2019 and other changes in program management and field employee assignments resulted in the decrease of labor expenses for 2019.
- b. The decrease in expenditures under the Advertising expense is primarily due to an unreversed accrual from 2018 and expenditures being captured in Materials & Expenses as discussed in response to Item numbers 4 and 5. Other factors decreased expenses as more Energy Audit and Energy Select advertising shifted to lower-cost options, such as digital and social media channels.
- c. The increase in the 2019 Incentives Expenses included \$660,641 for Curtailable Load incentives. The Company's Curtailable Load Rate Rider (CL) was approved as a new DSM Program in 2018. Prior to approval of Rate Rider CL, Gulf's Commercial demand response offerings were limited to one demand response program – the Critical Peak Option for Rate LPT. In 2019, most customers taking service under Gulf's Critical Peak Option for Rate LPT migrated to the Rate Rider CL due to its higher incentive amount. This migration, in turn, resulted in the increased incentive expense for 2019.

9. Please refer to Schedule CT-2 of Gulf's May 4, 2020 filing in Docket No. 20200002-EG. Please explain the variance in the following costs between 2018 and 2019 in the Community Energy Saver Program:
- a. The variance of \$699 for Payroll & Benefits.
 - b. The variance of \$75,657 Materials & Expenses.

ANSWER:

- a. The decrease in Payroll & Benefits was a result of slightly over-estimating the payroll expense during the second half of 2019.
- b. The decrease in Materials & Expenses is due to the lower number of installs in 2019 (2,499) compared to the number of installs in 2018 (3,272).

21

**GPC's Response to Staff's Second Set of Interrogatories
Nos. 10-14**

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20200002-EG EXHIBIT: 21
PARTY: Floyd (10-14)
DESCRIPTION: GPC's Response to Staff's
Second Set of Interrogatories Nos. 10-14
[Bates Nos. 00026-00031]

10. Please describe how the COVID-19 pandemic has affected the Company's projected conservation program costs for 2021. As part of your response, please address whether certain programs are projected to be disrupted more than others, and if applicable, describe what steps the Company has planned to mitigate the disruption(s).

ANSWER:

Gulf Power did not project any impacts from the COVID pandemic on conservation program costs for 2021. At this time, the Company has budgeted for normal operations with regard to conducting energy surveys and other field activities associated with DSM programs.

11. Please refer to Gulf's August 14, 2020, filing in Docket No. 20200002-EG for the following questions.
 - a. Please explain what the cause of the weighted average cost of capital calculation error was.
 - b. Has the Company made any change(s) to its procedures to prevent similar errors in the future? If so, please describe the change(s).

ANSWER:

- a. The weighted average cost of capital (WACC) calculation included in Gulf's initial filing dated August 7, 2020 was performed under the methodology approved in Commission Order No. PSC-2012-0425-PAA-EU, which dictated the use of the mid-point return on equity WACC from the Company's May 2020 earnings surveillance report. On May 20, 2020, the Commission issued Order No. PSC-2020-0165-PAA-EU (2020 WACC Order) which modified the methodology to be used in calculating the WACC. The team that prepared the 2021 ECCR projection filing erroneously excluded revised calculations pursuant to the new WACC Order. Once the error was discovered, Gulf resubmitted its 2021 ECCR projection filing calculation which correctly applied a projected 2021 WACC in accordance with the methodology established in the 2020 WACC Order.
- b. Yes. Prior to finalizing Gulf clause filings in the future, the Company will add a review step to ensure that the WACC and any other similar inputs utilized to develop revenue requirements are consistently applied across all of Gulf's cost recovery clauses.

12. Please explain in detail the Company's procedures used to verify the accuracy of the data filed in its ECCR testimony, CT, and C schedules.

ANSWER:

The Company's procedures used to verify accuracy of the data filed in the ECCR testimony, CT and C schedules are as follows: the drafts of all testimony and schedules are completed based on expenditures reflected in the Company's general ledger, program projections provided by DSM program managers and program participation values provided by DSM reporting analyst. The initial draft is independently reviewed by an analyst that was not involved in the original creation of the testimony or schedules. Upon completion of this review and any updates or revisions, the testimony and schedules are reviewed by the supporting witness for accuracy. Once this review is complete and any associated comments or corrections from the witness are addressed, the Company's Regulatory business unit also reviews the complete filing.

13. Please refer to Gulf's August 14, 2020, filing in Docket No. 20200002-EG. Please explain the following variations in Actual/Estimated expenses for 2020 (Schedule C-3, Pages 1a through 1c) and Projected expenses for 2021 (Schedule C-2, Page 1).
- a. The increase in "Materials and Supplies" expenses for the Residential Home Energy Survey program from \$0 in 2020 to \$110,925 in 2021.
 - b. The increase in "Outside Services" expenses for the Residential Low Income – Community Energy Saver program from \$744,378 in 2020 to \$1,130,076 in 2021.
 - c. The increase in "Incentives" expenses for the Business Custom Incentive program from \$0 in 2020 to \$25,000 in 2021.

ANSWER:

- a. The 2020 projection of Materials and Expenses for the Residential Energy Survey program reflects suspension of in-home energy surveys since March and expected continuation at least into the fall of 2020. If the company does resume in-home surveys in 2020, some Material and Expenses costs will be incurred. For 2021, the projected Material and Expenses amount of \$110,925 is a carry-forward from the company's 2020 budget as developed in 2019.
- b. The increase in "Outside Services" expenses for Residential Low Income-Community Energy Saver program is due to the increased participation in 2021 as reflected in the 2020 DSM Plan.
- c. The increase in "Incentives" expenses in 2021 in the Business Custom Incentive program is due to anticipated participation associated with revisions to the program as reflected in the 2020 DSM Plan.

14. Please refer to Gulf's August 14, 2020, filing in Docket No. 20200002-EG, Schedule C-3, Pages 1a through 1c, to answer the following questions about variances between Actual and Estimated expenses for 2020.
- a. For the Residential Energy Audit and Education program, please describe why the Total Costs for the July through December period (\$699,970) are substantially higher than as reflected for the Actual (January through June) period (\$270,543).
 - b. For the Community Energy Saver program, please describe why the Total Costs for the July through December period (\$707,895) are substantially higher than as reflected for the Actual (January through June) period (\$86,851).

ANSWER:

- a. The projected costs in the Residential Energy Audit and Education program for the July-December period are higher than January-June due to anticipated resumption of the on-site energy surveys during the July-December projection period. These activities were placed on hold beginning mid-March 2020 due to COVID-19 pandemic.
- b. The costs in the Community Energy Saver program for the July-December period are higher than January-June due to anticipated resumption of this program during the July-December projection period. These activities were placed on hold beginning mid-March 2020 due to COVID-19 pandemic.

GPC's Response to Staff's Third Set of Interrogatories No. 15

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20200002-EG EXHIBIT: 22
PARTY: Floyd (15)
DESCRIPTION: GPC's Response to Staff's
Third Set of Interrogatories No. 15
[Bates Nos. 00032-00033]

QUESTION:

In Gulf's Response to Staff's First Set of Interrogatories, Item Number 2, the Company indicated it had suspended on-site operations for the Residential and Commercial Energy audits in 2020.

- a. If applicable, please state when the suspension for each program was lifted.**
- b. Please describe how the Company communicated with its customers regarding the suspension and, if applicable, the resumption of on-site operations for the Residential and Commercial Energy audits in 2020.**

RESPONSE:

- a. Suspensions of on-site Energy Audits remain in place as of October 20th.
- b. The company communicates the suspension of on-site audits at the time a request is made. For requests made through the Care Center or online, the customer is advised the company has temporarily suspended in-home visits for the protection of our employees and customers. The customers are offered "virtual" audits by the appropriate customer advisors including a review of billing history and "virtual" site walk-through similar to what the advisor would do on-site. Alternatively, customers are encouraged to perform an online energy audit at www.gulfpower.com which also includes an analysis of the customer's billing history and recommendations based on how the customer answers several questions about their home or business.

Once the company resumes on-site Energy Audits, requests through the Care Center or online will be scheduled as normal.

23

DEF's Response to Staff's First Set of Interrogatories Nos. 1-8

(No. 1 has attachments)

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20200002-EG EXHIBIT: 23
PARTY: Cross (1-8)
DESCRIPTION: DEF's Response to Staff's
First Set of Interrogatories Nos. 1-8
(No. 1 has attachments) [Bates Nos. 00...

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

In re: Energy Conservation Cost Recovery

Docket No. 20200002-EG

Filed: July 16, 2020

**DUKE ENERGY FLORIDA, LLC'S RESPONSE TO
STAFF'S FIRST SET OF INTERROGATORIES (NOS. 1-8)**

Duke Energy Florida, LLC ("DEF") responds to the Staff of the Florida Public Service Commission's (Staff) First Set of Interrogatories (Nos. 1-8) to DEF as follows:

INTERROGATORIES

1. For each existing DSM program, please identify, in Excel format, the results of updated Participants, Rate Impact Measure (RIM), and Total Resource Cost (TRC) cost-effectiveness tests.

Response:

Please see Attachment 1, bearing bates numbers DEF-20200002-000001 and DEF-20200002-000002.

2. Please describe how the COVID-19 pandemic has affected DEF's ability to offer DSM programs in 2020. As part of your response, please address whether certain programs have been disrupted more than others, and if applicable, describe what steps the Company has taken to mitigate the disruption(s).

Response:

The COVID-19 pandemic has had the greatest impacted on the residential audit program (Home Energy Check), the Residential Incentive Program, Neighborhood Energy Saver, and the commercial audit program (Business Energy Check). DEF temporarily suspended both residential and commercial on-site customer audits in March and resumed many of the on-site audits in June, with the exceptions discussed below. During the suspension DEF continued to support customers through phone assisted audits, online audits, phone consultations, and emails. See the following for more details for specific programs:

Home Energy Check

DEF suspended on-site appointments in March. DEF posted a message on the mass media web pages to inform customers of the pause and called all customers who had already scheduled on-site appointments to notify them of the pause and encouraged them to complete a phone-assisted or online audit as an alternative. DEF resumed the on-site residential audits in June and is making good progress catching up on the backlog of audits,

while taking precautions for the safety and protection of our customers and the assessors. These precautions include asking about the health of the occupants in the home prior to appointments, wearing protective equipment, practicing social distancing on-site and limiting in-home contact as much as possible. DEF sent a postcard to customers and followed up with a phone-call to let them know that we were resuming on-site audits and informing them of the new COVID policies.

Residential Incentive Program

DEF temporarily suspended in-home appointments for the Duct Test & Repair and Ceiling Insulation measures in March. DEF posted a message on the mass media advertising web pages to inform customers of the pause. DEF resumed on-site appointments in June. DEF's trade allies continued to install new heat pumps and windows on an as-needed basis.

Low Income Weatherization Program

DEF has seen significantly less participation in the Weatherization program over the past couple of months due to COVID precautions.

Neighborhood Energy Save

DEF suspended direct install of efficiency measures in homes in March, and the program remains suspended to date. DEF is currently working on a plan to restart and is looking at what can be done to make the work as contactless as possible. DEF is exploring extra precautions that can be taken for the safety of the customers and installers, as DEF is concerned that neighborhoods served by this program may be more susceptible and at greater risk of COVID. DEF is working on a plan to ensure appropriate Personal Protective Equipment (PPE) is utilized and proper social distancing measures are practiced.

Residential Load Management – Energy Wise

DEF suspended field work in March. DEF has implemented safety protocols and resumed field work in June with technicians performing 2 installs per day but planning to ramp up to 4-5 installs per day.

Business Energy Check

DEF temporarily suspended on-site audits in March. DEF resumed performing some commercial on-site audits in early May on a case-by-case basis. Beginning June 15th, DEF began performing on-site commercial audits when requested by the customer. Whenever possible, DEF is performing on-site audits after hours to limit COVID exposure. During the suspension, DEF continued to support commercial customers through phone calls and email communication. DEF has implemented safety measures to protect both customers and the DEF team. These measures include the use of PPE by the assessors, along with a set of questions for the customer to answer regarding the COVID situation at their business location.

Better Business

DEF continued to provide rebates on commercial energy efficiency measures throughout this period but has seen some decrease in program participation over the past couple of months, which DEF believes may be attributable to the pause in on-site audits and the impact that COVID has had on commercial businesses.

Commercial Demand Response Programs

DEF returned to the field in May to install equipment for new Interruptible and Stand-By Participants.

Qualifying Facility

All related business meetings with counter parties are no longer taking place in-person. Any meetings with QFs in DEF's current portfolio or potential QFs are being held by conference call only.

3. Please describe how the COVID-19 pandemic has affected DEF's outreach efforts and/or advertising strategy in 2020. As part of your response, please address how, or if, social media platforms are a component of the Company's outreach, and how they have been used during the COVID-19 pandemic.

Response:

In an effort to protect customers, employees and the larger community against the potential spread of the Coronavirus, DEF suspended marketing and advertising for programs that require on-site appointments, such as the home energy audit in March. Marketing to residential and business customers is reviewed daily to prioritize any messages a customer will receive and ensure sensitivity to the current situation. We have informed customers of changes to our ongoing operations on Duke Energy's website through press releases and emails sent directly to customers. DEF has also utilized social media platforms to provide customers with information about how they can manage their energy usage during this time, e.g., how they can make their home offices more energy efficient, how they can use the Duke Energy app to track their usage and reminders to change their filters. As we look ahead and plan alignment with the state's reopening, DEF will continue to monitor the situation and resume traditional marketing campaigns as deemed appropriate.

4. Please refer to Schedule CT-2, Page 2, of DEF's May 4, 2020, filing in Docket No. 20200002-EG. Please provide an overview, by program, of the types of expenditures found in the "Other" cost category.

Response:

Please see Attachment 2, bearing bates number DEF-20200002-000003.

5. Please refer to Schedule CT-2, Pages 2 and 3, of DEF's May 4, 2020, filing in Docket No. 20200002-EG. In the Home Energy Check Program, the Company spent \$201,189 (25 percent) less than it projected to spend in 2019 for Outside Services. Please explain why.

Response:

The projected cost for Outside Services in the Home Energy Check program anticipated the purchase and implementation of new software for a new online audit tool but that

project was deferred to 2020 as the process to evaluate and select a new audit tool took longer than expected.

6. Please refer to Schedule CT-2, Pages 2 and 3, of DEF's May 4, 2020, filing in Docket No. 20200002-EG. In the Business Energy Check Program, please explain why DEF spent \$234,748 (79 percent) less than it projected to spend in 2019 for Outside Services.

Response:

Outside Services were lower than projected for the Business Energy Check Program due to deferral of work on new commercial audit tools to 2020. DEF expects to implement both a customer assessment tool and a new on-site audit tool in 2020.

7. Please refer to Schedule CT-2, Pages 2 and 3, of DEF's May 4, 2020 filing in Docket No. 20200002-EG. Please explain the following variances between actual and projected expenditures in the following:

- a. In the Load Management Program, DEF spent \$584,919 (34 percent) more than it projected to spend on Outside Services.

Response:

This variance is partially offset by the lower than expected costs for Materials and Supplies (\$230,805 - see response to question 7(b)). The remainder of the variance was driven by higher than expected expenses paid to Itron to support and manage the demand response system.

- b. In the Load Management Program, DEF spent \$230,805 (83 percent) less than it projected to spend on Materials & Supplies.

Response:

As stated above in the response to question 7(a), Materials & Supplies expenses included credits that should have been included in the Outside Services category.

- c. In the Load Management Program, DEF spent \$303,237 (44 percent) more than it projected to spend on Advertising.

Response:

The higher expenses were due to additional marketing efforts necessary to achieve the targeted new participants required to meet the residential goals.

- d. In the Standby Generation Program, DEF spent \$102,751 (90 percent) less than it projected to spend in Materials & Supplies.

Response:

The projection included costs to update 150 modems from 2G to 4G technology. These modems were incorrectly charged to a Capital Project vs O&M- Materials and Supplies

in 2019. DEF made an accounting adjustment in 2020 to reclass these expenses to O&M-Materials and Supplies.

- e. In the Neighborhood Energy Saver Program, DEF spent \$1,217,189 (28 percent) more than it projected to spend in Incentives.

Response:

The increase in incentives for the Neighborhood Energy Savings Program is primarily due to 896 more participants than projected in the ceiling insulation measure plus higher costs per home due to more insulation required than anticipated (\$763,370), 1096 more participants than projected in the duct repair measure (\$355,721) and 355 more participants than projected in the A/C tune-up measure (\$49,141).

- 8. Please refer to Schedule CT-2, Pages 2 and 3, of DEF's May 4, 2020, filing in Docket No. 20200002-EG to answer the following questions:

- a. The 2018 total expenditures for the Business Energy Check Program was \$545,085 and the Company enrolled 668 participants. In 2019, DEF spent \$598,122 on the program and enrolled 565 participants. Please explain why expenditures were higher for 2019, despite enrolling fewer participants.

Response:

The increase in expenses in 2019 is primarily due to costs to develop new commercial tools. The work is ongoing, and these projects are expected to be completed in 2020. DEF expects to implement both a customer assessment tool and a new on-site audit tool in 2020.

- b. Please explain the increase in total expenditures under the Qualifying Facility Program. In 2018, DEF spent \$1,201,302 on the program. In 2019, it spent \$1,807,231.

Response:

The increase in expenditures for the Qualifying Facility program is related to the prudent administration and required legal fees (recorded under DEF's Outside Service costs) associated with a Qualifying Facility Renewable Energy Power Purchase Agreement (QF PPA) executed under PURPA and approved by the Florida Public Service Commission. The QF PPA is undergoing a formal litigated dispute process defined by the agreement. Specifically, the QF defaulted on its PPA and DEF terminated the agreement in the fall of 2018. DEF received a formal dispute notice and claims from the QF on March 28, 2019 under a demand for arbitration. Since that time DEF, on behalf of its customers, remains in formal arbitration requiring legal support under the American Arbitration Association's (AAA) Large Complex Commercial Rules in accordance with the language in the approved QF PPA. Currently, the AAA panel of arbitrators has ordered the hearing for November 2020.

- c. Please explain the increase in total expenditures under the Neighborhood Energy Saver Program. In 2018, DEF spent \$2,333,088 on the program. In 2019, it spent \$3,686,476.

Response: The increase in expenses is primarily due to higher incentives to customers. Incentives were higher in 2019 since there were 288 more homes that participated in the Program in 2019 and there was greater participation in all of the measures. There were 1,154 ceiling insulation completions in 2018 for a cost of \$437,311 while in 2019 there were 1,894 completions for a cost of \$1,231,162. Additionally, on average there was more insulation installed per home in 2019. There were 458 duct repairs in 2018 for a cost of \$156,494, and in 2019 there were 1,351 for a cost of \$459,992, and there were 682 more tune ups in 2019. These costs were partially offset by lower advertising expenses of \$71,281.

- d. Please explain the decrease in expenditures under the Materials & Supplies Cost (all programs). In 2018, DEF spent \$464,407. In 2019, it spent \$184,578.

Response:

The decrease in expenditures under Materials and Supplies is primarily due to lower expenses for the Technology Development and Home Energy Check Programs.

Materials and Supplies were overstated in 2018 due to \$171,500 in expenses for the Technology Development program that should have been classified as Outside Services. Additionally, the 2018 Materials and Supplies expenses for the Home Energy Check Program included \$66,308 for enhancements implemented for smart scheduling and tablets that were purchased for the auditors.

2019 Program	Cost-Effectiveness Scores		
	RIM	TRC	Participant
<i>Residential Segment</i>			
Residential Incentive	1.52	2.49	1.36
Neighborhood Energy Saver	1.32	3.95	3.77
Low Income Weatherization Assistance	1.47	3.24	2.00
Residential Energy Management	2.90	7.39	NA
<i>Non-Residential Segment</i>			
Better Business	1.54	4.33	3.26
Standby Generation	4.12	41.36	NA
Curtailed Service	3.15	29.44	NA
Interruptible Service	1.56	12.93	NA

GT Brownfield- COMBUSTION TURBINE		Units 1-3
(1) Base Year		2020
(2) In Service Year for Avoided Generation Unit		1-Jun-2027
(3) Winter Capacity	MW	239.50
(4) Base Year Avoided Generating Unit Cost (including transmission upgrade cost)	\$/KW	530.08
(5) Generator Cost Escalation Rate		1.37%
(6) Generator Fixed O&M Cost (including non-escalating gas pipeline reservation cost)	\$/kw-year	79.53
(7) Generator Fixed O&M Cost Escalation Rate		2.50%
(8) Avoided Gen Unit Variable O&M Cost	c/Kwh	0.86
(9) Generator Variable O&M Cost Escalation Rate		2.50%
(10) Generator Capacity Factor		4% winter 19% summe
(11) Avoided Generating Unit Fuel Cost	c/Kwh	4.09
(12) Avoided Generating Unit Fuel Escalation Rate		5.09%

GT Brownfield- COMBUSTION TURBINE		Unit 4
(1) Base Year		2020
(2) In Service Year for Avoided Generation Unit		1-Jun-2030
(3) Winter Capacity	MW	239.50
(4) Base Year Avoided Generating Unit Cost (including transmission upgrade cost)	\$/KW	530.08
(5) Generator Cost Escalation Rate		1.37%
(6) Generator Fixed O&M Cost (including non-escalating gas pipeline reservation cost)	\$/kw-year	85.63
(7) Generator Fixed O&M Cost Escalation Rate		2.50%
(8) Avoided Gen Unit Variable O&M Cost	c/Kwh	0.93
(9) Generator Variable O&M Cost Escalation Rate		2.50%
(10) Generator Capacity Factor		4% winter 19% summe
(11) Avoided Generating Unit Fuel Cost	c/Kwh	5.33
(12) Avoided Generating Unit Fuel Escalation Rate		5.09%

GT Brownfield- COMBUSTION TURBINE		Unit 5
(1) Base Year		2020
(2) In Service Year for Avoided Generation Unit		1-Jun-2031
(3) Winter Capacity	MW	239.50
(4) Base Year Avoided Generating Unit Cost (including transmission upgrade cost)	\$/KW	530.08
(5) Generator Cost Escalation Rate		1.37%
(6) Generator Fixed O&M Cost (including non-escalating gas pipeline reservation cost)	\$/kw-year	87.77
(7) Generator Fixed O&M Cost Escalation Rate		2.50%
(8) Avoided Gen Unit Variable O&M Cost	c/Kwh	0.95
(9) Generator Variable O&M Cost Escalation Rate		2.50%
(10) Generator Capacity Factor		4% winter 19% summe
(11) Avoided Generating Unit Fuel Cost	c/Kwh	5.65
(12) Avoided Generating Unit Fuel Escalation Rate		5.09%

GT Brownfield- COMBUSTION TURBINE		Unit 6
(1) Base Year		2020
(2) In Service Year for Avoided Generation Unit		1-Jun-2034
(3) Winter Capacity	MW	239.50
(4) Base Year Avoided Generating Unit Cost (including transmission upgrade cost)	\$/KW	530.08
(5) Generator Cost Escalation Rate		1.37%
(6) Generator Fixed O&M Cost (including non-escalating gas pipeline reservation cost)	\$/kw-year	94.52
(7) Generator Fixed O&M Cost Escalation Rate		2.50%
(8) Avoided Gen Unit Variable O&M Cost	c/Kwh	1.03
(9) Generator Variable O&M Cost Escalation Rate		2.50%
(10) Generator Capacity Factor		4% winter 19% summe
(11) Avoided Generating Unit Fuel Cost	c/Kwh	6.19
(12) Avoided Generating Unit Fuel Escalation Rate		5.09%

GT Avg- COMBUSTION TURBINE		Units 7-9
(1) Base Year		2020
(2) In Service Year for Avoided Generation Unit		1-Jun-2034
(3) Winter Capacity	MW	239.50
(4) Base Year Avoided Generating Unit Cost (including transmission upgrade cost)	\$/KW	602.98
(5) Generator Cost Escalation Rate		1.37%
(6) Generator Fixed O&M Cost (including non-escalating gas pipeline reservation cost)	\$/kw-year	96.95
(7) Generator Fixed O&M Cost Escalation Rate		2.50%
(8) Avoided Gen Unit Variable O&M Cost	c/Kwh	1.03
(9) Generator Variable O&M Cost Escalation Rate		2.50%
(10) Generator Capacity Factor		4% winter 19% summe
(11) Avoided Generating Unit Fuel Cost	c/Kwh	6.19
(12) Avoided Generating Unit Fuel Escalation Rate		5.09%

CCXXI J Greenfield Combined Cycle - COMBINED CYCLE		Unit 10
(1) Base Year		2020
(2) In Service Year for Avoided Generation Unit		1-Jun-2034
(3) Winter Capacity	MW	1,377.20
(4) Base Year Avoided Generating Unit Cost (including transmission upgrade cost)	\$/KW	919.77
(5) Generator Cost Escalation Rate		1.17%
(6) Generator Fixed O&M Cost (including non-escalating gas pipeline reservation cost)	\$/kw-year	93.04
(7) Generator Fixed O&M Cost Escalation Rate		2.50%
(8) Avoided Gen Unit Variable O&M Cost	c/Kwh	0.17
(9) Generator Variable O&M Cost Escalation Rate		2.50%
(10) Generator Capacity Factor		81% winter 92% summe
(11) Avoided Generating Unit Fuel Cost	c/Kwh	3.85
(12) Avoided Generating Unit Fuel Escalation Rate		5.09%

GT Avg- COMBUSTION TURBINE		Unit 11
(1) Base Year		2020
(2) In Service Year for Avoided Generation Unit		1-Jun-2037
(3) Winter Capacity	MW	239.50
(4) Base Year Avoided Generating Unit Cost (including transmission upgrade cost)	\$/KW	602.98
(5) Generator Cost Escalation Rate		1.37%
(6) Generator Fixed O&M Cost (including non-escalating gas pipeline reservation cost)	\$/kw-year	104.41
(7) Generator Fixed O&M Cost Escalation Rate		2.50%
(8) Avoided Gen Unit Variable O&M Cost	c/Kwh	1.10
(9) Generator Variable O&M Cost Escalation Rate		2.50%
(10) Generator Capacity Factor		4% winter 19% summe
(11) Avoided Generating Unit Fuel Cost	c/Kwh	6.96
(12) Avoided Generating Unit Fuel Escalation Rate		5.09%

GT Avg- COMBUSTION TURBINE		Units 12 and 13
(1) Base Year		2020
(2) In Service Year for Avoided Generation Unit		1-Jun-2038
(3) Winter Capacity	MW	239.50
(4) Base Year Avoided Generating Unit Cost (including transmission upgrade cost)	\$/KW	602.98
(5) Generator Cost Escalation Rate		1.37%
(6) Generator Fixed O&M Cost (including non-escalating gas pipeline reservation cost)	\$/kw-year	107.02
(7) Generator Fixed O&M Cost Escalation Rate		2.50%
(8) Avoided Gen Unit Variable O&M Cost	c/Kwh	1.13
(9) Generator Variable O&M Cost Escalation Rate		2.50%
(10) Generator Capacity Factor		4% winter 19% summe
(11) Avoided Generating Unit Fuel Cost	c/Kwh	7.29
(12) Avoided Generating Unit Fuel Escalation Rate		5.09%

GT Avg- COMBUSTION TURBINE		Unit 14
(1) Base Year		2020
(2) In Service Year for Avoided Generation Unit		1-Jun-2040
(3) Winter Capacity	MW	239.50
(4) Base Year Avoided Generating Unit Cost (including transmission upgrade cost)	\$/KW	602.98
(5) Generator Cost Escalation Rate		1.37%
(6) Generator Fixed O&M Cost (including non-escalating gas pipeline reservation cost)	\$/kw-year	112.43
(7) Generator Fixed O&M Cost Escalation Rate		2.50%
(8) Avoided Gen Unit Variable O&M Cost	c/Kwh	1.19
(9) Generator Variable O&M Cost Escalation Rate		2.50%
(10) Generator Capacity Factor		4% winter 19% summe
(11) Avoided Generating Unit Fuel Cost	c/Kwh	7.74
(12) Avoided Generating Unit Fuel Escalation Rate		5.09%

CCXXI J Greenfield Combined Cycle - COMBINED CYCLE		Unit 15
(1) Base Year		2020
(2) In Service Year for Avoided Generation Unit		1-Jun-2042
(3) Winter Capacity	MW	1,377.20
(4) Base Year Avoided Generating Unit Cost (including transmission upgrade cost)	\$/KW	919.77
(5) Generator Cost Escalation Rate		1.17%
(6) Generator Fixed O&M Cost (including non-escalating gas pipeline reservation cost)	\$/kw-year	113.36
(7) Generator Fixed O&M Cost Escalation Rate		2.50%
(8) Avoided Gen Unit Variable O&M Cost	c/Kwh	0.21
(9) Generator Variable O&M Cost Escalation Rate		2.50%
(10) Generator Capacity Factor		81% winter 92% summe
(11) Avoided Generating Unit Fuel Cost	c/Kwh	5.17
(12) Avoided Generating Unit Fuel Escalation Rate		5.09%

N is all the fixed cost v. variable and In J costs are nomin 1 dollar v. fuel in the first year when Unit is in s. raise.

Program Name	Amount
BETTER BUSINESS	26,371.68
Employee Development, Training, Business Meetings	9,891.15
Industry Association Dues & Professional Licenses	3,472.84
Overhead Expenses	11,779.36
Pers Mobile Device	1,228.33
BUSINESS ENERGY CHECK	18,536.89
Employee Development, Training, Business Meetings	11,732.77
Industry Association Dues & Professional Licenses	1,427.39
Overhead Expenses	4,722.21
Pers Mobile Device	654.52
CONSERVATION PROGRAM ADMIN	265,880.62
Employee Development, Training, Business Meetings	45,437.40
Industry Association Dues & Professional Licenses	17,686.51
Overhead Expenses	200,332.74
Pers Mobile Device	2,423.97
FLORIDA CUSTOM INCENTIVE PROGRAM	38,541.30
Employee Development, Training, Business Meetings	4,281.95
Industry Association Dues & Professional Licenses	132.09
Overhead Expenses	34,095.55
Pers Mobile Device	31.71
HOME ENERGY CHECK	63,961.36
Employee Development, Training, Business Meetings	50,239.05
Industry Association Dues & Professional Licenses	2,455.80
Overhead Expenses	5,347.11
Pers Mobile Device	5,919.40
INTERRUPTIBLE SERVICE	2,771.94
Employee Development, Training, Business Meetings	1,426.23
Industry Association Dues & Professional Licenses	20.40
Overhead Expenses	1,093.81
Pers Mobile Device	231.50
LOW INCOME WEATHERIZATION ASSISTANCE PROGRAM	5,799.50
Employee Development, Training, Business Meetings	3,247.85
Overhead Expenses	2,551.65
NEIGHBORHOOD ENERGY SAVER	15,529.76
Employee Development, Training, Business Meetings	8,669.26
Overhead Expenses	6,718.50
Pers Mobile Device	142.00
QUALIFYING FACILITY	14,984.13
Employee Development, Training, Business Meetings	6,321.27
Industry Association Dues & Professional Licenses	774.60
Overhead Expenses	5,575.26
Pers Mobile Device	2,313.00
RESIDENTIAL INCENTIVE PROGRAM	27,102.70
Employee Development, Training, Business Meetings	17,414.12
Industry Association Dues & Professional Licenses	1,589.31
Overhead Expenses	3,473.87
Pers Mobile Device	4,625.40
RESIDENTIAL LOAD MANAGEMENT	128,885.81
Employee Development, Training, Business Meetings	57,061.65
Industry Association Dues & Professional Licenses	2,629.49
Overhead Expenses	64,083.60
Pers Mobile Device	5,111.07
STANDBY GENERATION	1,636.57
Employee Development, Training, Business Meetings	1,207.00
Industry Association Dues & Professional Licenses	20.40
Overhead Expenses	225.67
Pers Mobile Device	183.50
TECHNOLOGY DEVELOPMENT	14,935.76
Employee Development, Training, Business Meetings	6,730.51
Overhead Expenses	8,205.25
Grand Total	624,938.02

24

**DEF's Response to Staff's Second Set of Interrogatories
Nos. 9-11**

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20200002-EG EXHIBIT: 24
PARTY: Cross (9-11)
DESCRIPTION: DEF's Response to Staff's
Second Set of Interrogatories Nos. 9-11
[Bates Nos. 00044-00047]

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

In re: Energy Conservation Cost Recovery

Docket No. 20200002-EG

Filed: October 1, 2020

**DUKE ENERGY FLORIDA, LLC'S RESPONSE TO
STAFF'S SECOND SET OF INTERROGATORIES (NOS. 9-11)**

Duke Energy Florida, LLC ("DEF") responds to the Staff of the Florida Public Service Commission's ("Staff") Second Set of Interrogatories (Nos. 9-11) to DEF as follows:

INTERROGATORIES

9. Please describe how the COVID-19 pandemic has affected the Company's projected conservation program costs for 2021. As part of your response, please address whether certain programs are projected to be disrupted more than others, and if applicable, describe what steps the Company has planned to mitigate the disruption(s).

Response:

The projected program costs for 2021 assume that all programs have returned to normal operations. Although there continues to be uncertainty surrounding how COVID-19 will impact future operations, DEF has implemented safety protocols and is currently back in the field performing audits and other activities in support of the DSM Programs. However, out of concern for the safety of customers, DEF has not yet resumed in-home appointments for the low-income programs. DEF is currently evaluating options to assist these customers while continuing to take precautions to protect their safety.

10. Please refer to DEF's August 7, 2020, filing in Docket No. 20200002-EG. Please explain the following variations in Actual/Estimated expenses for 2020 (Schedule C-3, Pages 1 and 2) and Projected expenses for 2021 (Schedule C-2, Page 3).
- a. The increase in "Advertising" expenses for the Residential Incentive program from \$166,367 in 2020 to \$472,000 in 2021.

Response:

"Advertising expenses" in 2021 include approximately \$300,000 in promotional expenses to trade allies whereas these types of costs were classified as incentives in 2020. This change will not have an impact on Program cost effectiveness under RIM or TRC; however, it will have an impact under the PCT.

- b. The increase in “Outside Services” expenses for the Better Business program from \$155,993 in 2020 to \$302,828 in 2021.

Response:

The increase in “Outside Services” expenses for the Better Business program is primarily related to projected expenses for a new online audit tool for customers.

- c. The decrease in “Incentives” expenses for the Better Business program from \$1,641,359 in 2020 to \$670,200 in 2021.

Response:

The decrease in projected incentives in 2021 is due to the impacts of changes to measures, incentive levels and participation included in the Commission approved 2020-2024 Program Plan filing. Several measures currently offered today were deemed not cost effective in the 2019 Goals proceeding, and therefore, beginning in 2021, DEF will no longer offer incentives on those measures. Projected incentives for 2020 are based on measures currently offered through the Better Business program and are comprised of actual incentives for January through June of \$880,359 and projected incentives for July through December of \$761,000.

- d. The increase in “Materials & Supplies” expenses for the Interruptible Service program from \$135 in 2020 to \$82,248 in 2021.

Response:

“Materials and Supplies” expenses are projected to be higher in 2021 for equipment needs such as radio transmitters, components for switches, relays, power supplies and antennae, whereas, in 2020, DEF utilized items that were already in inventory to supply these needs.

- e. The increase in “Incentives” expenses for the Neighborhood Energy Saver program from \$1,183,091 in 2020 to \$4,349,239 in 2021.

Response:

The increase in incentives in 2021 is primarily related to the impacts of COVID-19. DEF suspended program activity in March 2020 and activity remains suspended to date. The 2021 projection assumes work has returned to normal and that DEF will complete a total of 5,000 homes in 2021.

- f. The decrease in “Outside Services” expenses for the Qualifying Facility program from \$2,000,540 in 2020 to \$600,000 in 2021.

Response:

Outside Services are projected to be higher in 2020 due to legal expenses related to a formal litigated dispute process regarding a purchase power contract. Further details are provided in the Response to Question 8 (b) in Staff’s 1st Set of Interrogatories in the 20200002-EI docket.

- g. The increase in “Total Costs” for the Low-income Weatherization Assistance program from \$182,175 in 2020 to \$367,239 in 2021.

Response:

Expenses for the Low-Income Weatherization Assistance program are projected to be lower in 2020 primarily due to the impact of COVID-19. DEF has seen significantly less participation this year due to COVID-19 precautions. The 2021 projections assume activity returns to normal and are based on the measures and expenses included in the Commission approved 2020-2024 Program Plan filing.

11. Please refer to Schedule C-3, Pages 1 and 2, of DEF’s August 7, 2020, filing in Docket No. 20200002-EG to answer the following questions about variances between Actual and Estimated expenses for 2020.

- a. Please explain the variation in “Advertising” for the Energy Management program. Actual expenses for the first half of 2020 are shown to be \$158,668, while the second half estimate is \$60,000.

Response:

The decrease in “Advertising” for the Energy Management program is due to lower expenses for outbound calling services. The majority of the \$158,668 in expenses in the first half of 2020 was related to expenses for outbound calling services that were utilized to drive participation levels necessary to achieve the 2020 annual goals for the Energy Management program. Through August 2020, DEF has achieved 81% of the annual participation goal. DEF does not expect that it will be necessary to continue to utilize this service in the current year.

- b. Please explain the variation in “Materials & Supplies” for the Standby Generation program. Actual expenses for the first half of 2020 are shown to be \$228,694, while the second half estimate is \$24,000.

Response:

The actual expenses for Materials and Supplies for the Standby Generation program in the first half of 2020 include the reclassification of expenses for 150 modems from Capital to O&M. Please see response to question 7(d) in Staff’s First Set of Discovery in the 20200002-EG Docket for further explanation.

- c. Please explain the variation in “Materials & Supplies” for the Conservation Program Admin program. Actual expenses for the first half of 2020 are shown to be \$49,798, while the second half estimate is \$1,800.

Response:

The majority of the \$49,798 was found to have the wrong resource type and should have been charged to “Outside Services.” DEF has made a correcting journal entry to reclassify these expenses.

25

FPUC's Response to Staff's First Set of Interrogatories Nos. 1-6

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20200002-EG EXHIBIT: 25
PARTY: Ranck (1-6)
DESCRIPTION: FPUC's Response to Staff's
First Set of Interrogatories Nos. 1-6
[Bates Nos. 00048-00055]

RESPONSES TO INTERROGATORIES

1. For each existing DSM program, please identify in Excel format the results of updated Participants, Rate Impact Measure (RIM), and Total Resource Cost (TRC) cost-effectiveness tests.

Company's Response:

FPUC relied upon the 2015 cost-effectiveness test results to substantiate a continuation of its current DSM Plan through 2020, rather than propose an updated version of its DSM Programs/Plan. The reason for doing so can be attributed to how the updated cost figures such as Avoided Costs, were found to make FPUC DSM Programs significantly less Cost Effective (i.e. unable to pass RIM) than they were in 2015. As a result, the files requested do not exist as the programs were not updated.

Respondent: G. Scott Ranck

2. Please describe how has the COVID-19 pandemic affected FPUC's ability to offer DSM programs in 2020. As part of your response, please address whether certain programs have been disrupted more than others, and if applicable, describe what steps the Company has taken to mitigate the disruption(s).

Company's Response:

1. All conservation employees have been required to work from home since mid-March 2020. That action is still in effect to the present. All of our rebate programs are still being administered.
2. The greatest impact is on the Company's ability to perform in home residential energy audits and commercial consultations. We have done our best to talk customers through an audit on the telephone, sending email communications as a follow-up and directing them to our website for a do it yourself audit online.
3. At this date, the Company is not sure when we will be able to return to performing in home audits. We will continue to serve the customers through telephone and electronic means. Although FPUC's conservation employees have been required to carry out their job duties from home, the COVID-19 pandemic has not impacted their ability to offer DSM programs throughout 2020. However, FPUC's ability to perform in-home residential energy audits and commercial consultations has now been limited to telephone and/or e-mail communications. Customers are also directed to the Company website to perform free online energy audits. FPUC will continue to offer DSM activities to its customers and further mitigate the disruptions to its programs.

Respondent: G. Scott Ranck

3. Please describe how has the COVID-19 pandemic affected FPUC's outreach efforts and/or advertising strategy in 2020. As part of your response, please address how, or if, social media platforms are a component of the Company's outreach, and how they have been used during the COVID-19 pandemic.

Company's Response:

1. FPUC has cancelled several scheduled outreach efforts, but our advertising strategy has remained intact during COVID-19.
2. FPUC was among the premier sponsors of the Florida Solar Energy Center's Energy Whiz Main Event and two regional events and was scheduled to play a leading role in these event. Their cancellation was a major setback in FPUC's outreach/education efforts. FPUC will not participate in outreach events during the course of this year, unless the COVID-19 situation changes drastically. Advertising strategies during COVID -19 will continue. Social media platforms are being utilized on a weekly basis by FPUC's marketing team to deliver the conservation message, and other Company news, to the public.
3. FPUC is currently upgrading its online tools for home energy audits and quality energy information.

Respondent: G. Scott Ranck

4. Please refer to Schedule CT-2 of FPUC's May 4, 2020, filing in Docket No. 20200002-EG to answer the following questions.
 - a. Please provide an overview, by program, of the types of expenditures found in the "Other" cost category.
 - b. Please explain the Legal expenses totaling \$136,869, which was \$86,403 over the Company's projection, in 2019.
 - c. Please explain the Vehicle expenses totaling \$22,214, which was \$5,400 over the Company's projection, in 2019.
 - d. Please explain the Travel expenses totaling \$55,246, which was \$12,710 over the Company's projection, in 2019.
 - e. Please explain the Labor and Payroll expenses totaling \$342,969, which was \$21,286 over the Company's projection, in 2019.

Company's Response:

4 a. For the "Common" program, the "Other" cost category includes expenses for uniforms and memberships/subscriptions that benefit all of the Company's programs. For the remaining programs, the "Other" cost category includes uniform and membership/subscription expenses that are unique to that program.

4 b. The additional Legal expenses are primarily due to the increased efforts required for the 2019 DSM filing, which had been more complex than originally anticipated.

4 c. An employee was issued a vehicle mid-year in 2019, which had not been included in our projections.

4 d. Our Conservation team's increased involvement in leadership roles resulted in more travel to energy conferences than originally anticipated.

4 e. During 2019, a Marketing Supervisor position was added.

Respondent: G. Scott Ranck

5. Please refer to Schedule CT-3, Page 1. Please explain the May 2019 expense for \$18,657 in the Electric Conservation, Demonstration, and Development Program.

Company's Response:

FPUC has been researching the benefits of solar battery storage to its grid and ultimately its customers. The cost of the 12 KW battery was \$16,940.00 and its installation fee was \$1,495.00. The remaining \$232 was a payroll allocation for time charged to the project.

Respondent: G. Scott Ranck

6. Please refer to Schedule CT-2 of FPUC's May 4, 2020 filing in Docket No. 20200002-EG to answer the following questions.

- a. Please explain the decrease in expenditures under the Advertising Cost. In 2018, FPUC spent \$85,186. In 2019, it spent \$48,419.
- b. Please explain the decrease in expenditures under the Incentives Cost. In 2018, FPUC spent \$39,018. In 2019, it spent \$16,617.

Company's Response:

6 a. FPUC intentionally curtailed its Advertising spending in order to allow more funding for its DSM program development and filing.

6 b. FPUC's incentive programs are largely market driven. The decrease in Incentive costs were primarily due to reduced residential cooling upgrade incentives from 198 in 2018 to 110 in 2019. Also, the reflective roof program had two large projects in 2018 where FPUC paid 43 incentives in contrast to the 11 incentives paid in 2019.

Respondent: G. Scott Ranck

26

**FPUC's Response to Staff's Second Set of Interrogatories
Nos. 7-9**

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20200002-EG EXHIBIT: 26
PARTY: Ranck (7-9)
DESCRIPTION: FPUC's Response to Staff's
Second Set of Interrogatories Nos. 7-9
[Bates Nos. 00056-00059]

RESPONSES TO INTERROGATORIES

7. Please describe how the COVID-19 pandemic has affected the Company's projected conservation program costs for 2021. As part of your response, please address whether certain programs are projected to be disrupted more than others, and if applicable, describe what steps the Company has planned to mitigate the disruption(s).

Company Response:

The 2021 projected conservation budget was based on a pre-COVID-19 2020 budget, rather than the actual expenses incurred in 2020. The Company's 2020 conservation program expenses, e.g. travel, educational seminars and community outreaches, were greatly reduced due to the COVID-19 pandemic. The Company is projecting to resume standard conservation activity in 2021.

Respondent: G. Scott Ranck

8. Please refer to FPUC's August 7, 2020, filing in Docket No. 20200002-EG. Please explain the following variations in Actual/Estimated expenses for 2020 (Schedule C-3, Pages 1 and 2) and Projected expenses for 2021 (Schedule C-2, Page 2).
 - a. The decrease in "Outside Services" expenses for the Common program from \$182,705 in 2020 to \$0 in 2021.
 - b. The increase in "Outside Services" expenses for the Demonstration and Development program from \$20,325 in 2020 to \$50,000 in 2021.

Company Response:

- a. The company is allocating its costs for Outside Services more specifically to the programs which will primarily utilize the professional services rather than consolidating them within a 'Common' program.
- b. The newly filed DSM program has three demonstration and development projects that will require research for the feasibility of each one.

Respondent: G. Scott Ranck

9. Please refer to Schedule C-3, Pages 1 and 2 of FPUC's August 7, 2020, filing to answer the following questions about variances between actual and estimated expenses for 2020.
- a. Please explain the variation in "Outside Services" for the Common program. Actual expenses for the first half of 2020 are shown to be \$157,705, while the second half estimate is \$25,000.
 - b. Please explain the variation in "Labor & Payroll" for the Residential Energy program. Actual expenses for the first half of 2020 are shown to be \$7,495, while the second half estimate is \$25,000.

Company Response:

- a. During the first half of 2020, the Company incurred expenses for outside contractors to finalize the new DSM proposed plan. That work has been completed; thereby, reducing the projected expenses for the remainder of 2020.
- b. Due to the COVID-19 pandemic, residential energy surveys have not been completed on-site since March 15. The Company is projecting these will resume by Q3-Q4, 2020.

Respondent: G. Scott Ranck

FPUC's Response to Staff's Third Set of Interrogatories No. 10

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20200002-EG EXHIBIT: 27
PARTY: Ranck (10)
DESCRIPTION: FPUC's Response to Staff's
Third Set of Interrogatories No. 10
[Bates Nos. 00060-00061]

RESPONSES TO INTERROGATORIES

10. In FPUC's Response to Staff's First Set of Interrogatories, Item Number 2, the Company indicated it had suspended on-site operations for the Residential and Commercial Energy audits in 2020.
- a. If applicable, please state when the suspension for each program was lifted.
 - b. Please describe how the Company communicated with its customers regarding the suspension and, if applicable, the resumption of on-site operations for the Residential and Commercial Energy audits in 2020.

Company Response:

- a. The suspension of the Company's on-site operations for the Residential and Commercial Energy audits in 2020 is still active.
- b. The Company has been communicating individually with the customers as they request the audit service. The Company representatives are assisting its customers via telephone interviews, responding to all energy related questions and offering energy conservation suggestions. The Company is monitoring closely COVID-19 reports and will allow in-home energy audits once upper management determines the risk is reduced enough to safely serve the customers.

Respondent: G. Scott Ranck

TECO's Response to Staff's First Set of Interrogatories Nos. 1-8

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20200002-EG EXHIBIT: 28
PARTY: Roche (1-8)
DESCRIPTION: TECO's Response to Staff's
First Set of Interrogatories Nos. 1-8
[Bates Nos. 00062-00080]

**TAMPA ELECTRIC COMPANY
DOCKET NO. 20200002-EG
STAFF'S FIRST SET OF
INTERROGATORIES
INTERROGATORY NO. 1
PAGE 1 OF 3
FILED: JULY 16, 2020**

1. For each existing DSM program, please identify in Excel format the results of updated Participants, Rate Impact Measure (RIM), and Total Resource Cost (TRC) cost-effectiveness tests.
 - A. The tables below provides the updated Participant Cost Test ("PCT"), Rate Impact Measure Test ("RIM"), and Total Resource Cost ("TRC") Test results for each of the company's existing Demand Side Management ("DSM") Programs. The company is also providing the results in Excel format on the accompanying spreadsheet entitled, "Tampa Electric's CE Results".

Residential:

Tampa Electric's Existing Residential DSM Programs Cost-Effectiveness Summary			
Program	RIM Value	PCT Value	TRC Value
Residential Ceiling Insulation	1.66	682	2.19
Residential Duct Repair	1.32	447	3.28
Residential Electronically Commutated Motors (ECM)	0.33	-10	0.12
Energy Education, Awareness and Agency Outreach	0.78	264	14.22
ENERGY STAR for New Multi-Family Residences	1.12	394	1.32
ENERGY STAR for New Homes	1.13	1,738	1.15
Residential Heating and Cooling	1.33	-112	0.73
Neighborhood Weatherization	1.03	14,402	16.53
Residential Price Responsive Load Management (Energy Planner)	3.70	1,356	6.70
Residential Wall Insulation	1.87	20	3.97
Residential Window Replacement	1.65	-41	1.34

**TAMPA ELECTRIC COMPANY
DOCKET NO. 20200002-EG
STAFF'S FIRST SET OF
INTERROGATORIES
INTERROGATORY NO. 1
PAGE 2 OF 3
FILED: JULY 16, 2020**

Commercial/Industrial:

Tampa Electric's Existing Commercial/Industrial DSM Programs Cost-Effectiveness Summary			
Program	RIM Value	PCT Value	TRC Value
Commercial Ceiling Insulation	0.51	8	0.48
Commercial Chiller	0.73	106	2.32
Conservation Value	0.53	240	1.63
Cool Roof	0.06	-857	0.01
Commercial Cooling	0.82	6	0.73
Demand Response	2.41	338	11.76
Commercial Duct Repair	1.20	1,853	17.15
Commercial Electronically Commutated Motors (ECM)	0.49	0	0.43
Street and Outdoor Lighting Conversion (LED)	2.03	15,389	4.19
Lighting Conditioned Space	1.40	2,975	1.65
Lighting Non-Conditioned Space	1.49	76	0.98
Lighting Occupancy Sensors	1.27	743	4.96
Commercial Load Management (GSLM 1 - Cyclic)	2.10	3	4.93
Commercial Load Management (GSLM 1 - Extended)	3.56	46	72.15
Refrigeration Anti-Condensate Control	0.22	-1	0.14
Standby Generator	2.88	371	11.63
Thermal Energy Storage	0.42	-43	0.39
Commercial Wall Insulation	1.40	1	1.72
Commercial Water Heating	1.01	2	1.91

**TAMPA ELECTRIC COMPANY
DOCKET NO. 20200002-EG
STAFF'S FIRST SET OF
INTERROGATORIES
INTERROGATORY NO. 2
PAGE 1 OF 3
FILED: JULY 16, 2020**

2. Please describe how has the COVID-19 pandemic affected the TECO's ability to offer DSM programs in 2020. As part of your response, please address whether certain programs have been disrupted more than others, and if applicable, describe what steps the Company has taken to mitigate the disruption(s).
- A. The COVID-19 pandemic has affected the operations of some of Tampa Electric's DSM programs in 2020. DSM programs that require a site visit or face-to-face interaction with customers (residential or commercial/industrial) have been impacted the most. Overall, the COVID-19 pandemic has affected most DSM programs due to seeing lower overall participation in the company's DSM programs as compared to prior years. The company believes the decrease is a result of social distancing, following State mandates and in general focusing on other life matters other than energy efficiency.

Effective March 16, 2020 Tampa Electric suspended all field operations deemed non-essential along with those DSM Programs that required customer contact. As a result, programs like Residential and Commercial Walkthrough Energy Audits, Residential and Commercial Ceiling Insulation, Residential and Commercial Duct Repair and new additions to the Energy Planner were disrupted given the necessity to interact inside the customers' home or business.

Below are the steps taken to mitigate the impacts to the company's Residential and Commercial/Industrial DSM programs and to provide customers special consideration during these challenging times:

Residential:

- Energy Audits: In efforts to provide some level of assistance to customers during the pandemic, the company increased the emphasis on the Phone and Online audit offerings. In addition, all customers who have expressed interest in any of the programs currently on hold have been waitlisted and will be contacted upon resuming operations.
- Ceiling Insulation and Duct Repair: All Energy Management Services staff and Contractors were contacted and informed that all Insulation Certificates and Duct Repair letters would be extended an additional six months to accommodate customers unable to currently utilize them. In addition, customer that performed self-installed ceiling insulation would be eligible for rebate if the homeowner provided "after" pictures of the install as an upload to their online rebate application.

**TAMPA ELECTRIC COMPANY
DOCKET NO. 20200002-EG
STAFF'S FIRST SET OF
INTERROGATORIES
INTERROGATORY NO. 2
PAGE 2 OF 3
FILED: JULY 16, 2020**

- The company has continued to receive and process applications for DSM programs not requiring customer interaction (i.e. Heating and Cooling, Windows), therefore, Tampa Electric has not experienced any measurable impact from COVID-19 on these DSM programs.
- Return to Work: May 29, 2020. Tampa Electric reinitiated outdoor field verifications that do not require any customer contact.
- Return to Work: June 11, 2020. Modified procedures to ceiling insulation program allowing contractors to perform work for customers with the Tampa Electric certificate. Customer must agree to pay contractor in full and then submits rebate application to Tampa Electric directly.
- Return to Work: June 19, 2020. Advised contractors that if all personal protective equipment procedures were followed and no physical contact was needed, they could perform work for customers at this time.
- Staged for Return to Work: The company has maintained waitlists for customers and is monitoring field verification percentages. Once the complete return to work is authorized, Tampa Electric will follow-up with all customers that are on the wait list. The company will also follow-up with every customer that had a phone energy audit to initiate the process of having the walkthrough energy audit performed.

Commercial/Industrial:

- Energy Audits: In efforts to provide some level of assistance to customers during the pandemic, the company implemented a phone audit in place of a field audit due to COVID-19 and practicing social distancing. During this phone audit, the energy analyst will review the customers billing information and will discuss several steps the customer can do to lower their energy usage. Energy tips are provided based upon the energy analyst's experience in similar type facilities. The customer is also placed on waitlist so when the company can resume normal operations, the field audit of the facility will be scheduled for these customers.
- The company has continued to receive and process applications for DSM programs not requiring customer interaction but at a lower level due to many commercial businesses following the same work from home mandated protocols. The company continues to process rebate applications but in place of a field verification at this time due to COVID-19, the customer is requested to submit photos of the equipment being rebated.
- Tampa Electric had the Commercial Energy Management Team provide seven training sessions to the company's Business and Industrial ("B&I") Account Specialists. The training was to assist and educate the current B&I

**TAMPA ELECTRIC COMPANY
DOCKET NO. 20200002-EG
STAFF'S FIRST SET OF
INTERROGATORIES
INTERROGATORY NO. 2
PAGE 3 OF 3
FILED: JULY 16, 2020**

team members in conservation measures commercial customers could implement in their business during the COVID-19 pandemic.

- Return to Work: May 29, 2020. Tampa Electric reinitiated outdoor field verifications that do not require any customer contact.
- Staged for Return to Work: The company has maintained waitlists for customers and is monitoring field verification percentages. Once the complete return to work is authorized, Tampa Electric will follow-up with all customers that are on the wait list. The company will also follow-up with every customer that had a phone energy audit to initiate the process of having the walkthrough energy audit performed.

**TAMPA ELECTRIC COMPANY
DOCKET NO. 20200002-EG
STAFF'S FIRST SET OF
INTERROGATORIES
INTERROGATORY NO. 3
PAGE 1 OF 1
FILED: JULY 16, 2020**

3. Please describe how has the COVID-19 pandemic affected the TECO's outreach efforts and/or advertising strategy in 2020. As part of your response, please address how, or if, social media platforms are a component of the Company's outreach, and how they have been used during the COVID-19 pandemic.
 - A. As a result of the coronavirus ("COVID-19") pandemic and for the safety of Tampa Electric's customers and employees, Tampa Electric suspended nonessential in-home and in-business customer work beginning on March 13, 2020. Tampa Electric notified Commission Staff on March 14, 2020 that the company had temporarily suspended the performance of walk-through energy audits, installing Energy Planner equipment and other non-emergency field related work which requires an onsite visit to either a customer's home or business. This suspension required Tampa Electric to shift its advertising strategy and stop promoting conservation programs that require fact-to-face interactions. Because more customers are working and schooling from home, Tampa Electric switched its focus to promoting its free online Energy Audit and phone-assisted Energy Audit via "paid channels," including television and online. The company is also leveraging its "owned channels," including social media platforms, bill communications, website and email. New 15-second videos and digital ads promoting the online Energy Audit and steps customers can take to save continue to be promoted on the company's social media platforms. In addition, the company's energy analysts produced self-made videos that were posted on the company's social media platforms to promote energy efficient behaviors while working from home and other energy savings tips. Lastly, the company changed the process for customers who participate in the company's Neighborhood Weatherization program receive the portions of the energy efficiency kit that they can easily install themselves by mailing these energy savings measures to them so they can start saving energy immediately. Once the company resumes normal operations, Tampa Electric will schedule in-home appointments to complete installation of the other energy-saving items and perform other measures associated with the program. The company continues to monitor the COVID-19 pandemic and will adjust advertising further if needed.

**TAMPA ELECTRIC COMPANY
DOCKET NO. 20200002-EG
STAFF'S FIRST SET OF
INTERROGATORIES
INTERROGATORY NO. 4
PAGE 1 OF 5
FILED: JULY 16, 2020**

4. Please refer to Schedule CT-2, Pages 2 and 3, of TECO's May 4, 2020, filing in Docket No. 20200002-EG to answer the following questions.
- a. Please provide an overview, by program, of the types of expenditures found in the "Other" cost category.
 - b. In the Residential Walk-Through Energy Audit Program, please explain why TECO spent \$181,157 less than it projected to spend in 2019 for Payroll & Benefits.
- A. a. In 2019, Tampa Electric incurred "Other" costs in the amount of \$4,970,581. These costs benefit the individual residential and commercial/industrial Demand Side Management ("DSM") Program that is being charged to. Applicable "Other" category DSM costs do not meet the requirements or description to be assigned to any of the remaining cost categories. The breakdown and costs within each of the company's Commission approved DSM programs that incurred costs in the "Other" category in 2019 are detailed below:
- **Residential Walk-Through Energy Audit (Free Energy Check):**
 - Professional dues and fees for residential analysts
 - Training for residential energy analysts
 - Travel and lodging for conference
 - Shoes and uniforms
 - Employee safety equipment
 - Printing of program materials
 - Miscellaneous, parking and tolls
 - Equipment material for events
 - Telecom utilities
 - **Residential Computer Assisted Energy Audit (RCS):**
 - Professional dues and fees for residential analysts
 - Energy Gauge renewal
 - **Residential Customer Assisted Energy Audit (Online):**
 - Parking and tolls
 - Printing
 - **Residential Ceiling Insulation:**
 - Professional dues and fees
 - Travel and lodging for conference

TAMPA ELECTRIC COMPANY
DOCKET NO. 20200002-EG
STAFF'S FIRST SET OF
INTERROGATORIES
INTERROGATORY NO. 4
PAGE 2 OF 5
FILED: JULY 16, 2020

- Parking and tolls
- Printing of program materials
- **Residential Duct Repair:**
 - Travel and lodging for conference
 - Parking and tolls
- **Energy Education, Awareness and Agency Outreach:**
 - Professional dues and fees for event
 - Travel and lodging for conference
 - Printing of program materials
 - Registration and fees for event:
 - Energy Education reversal credit
- **ENERGY STAR for Multi-Family:**
 - Professional dues and fees
 - Travel and lodging for conference
- **ENERGY STAR for New Homes:**
 - Professional dues and fees
 - Travel and lodging for conference
- **Residential Heating and Cooling:**
 - Professional dues and fees
 - Travel and lodging for conference
 - Parking and tolls for conference
 - Printing of program materials
- **Neighborhood Weatherization:**
 - Training for conference
 - Travel and lodging for conference
 - Parking and tolls
 - Telecom utilities
 - Printing of posters and yard signs
 - Postage
 - Settlements/claims
 - Shoes and uniforms
- **Energy Planner:**
 - Professional dues and fees
 - Travel and lodging for conference
 - Miscellaneous, parking and tolls
 - Printing of program advertisement and materials
 - Telecom utilities
 - Shipping of program materials
 - Settlements/claims
 - Marketing expense

TAMPA ELECTRIC COMPANY
DOCKET NO. 20200002-EG
STAFF'S FIRST SET OF
INTERROGATORIES
INTERROGATORY NO. 4
PAGE 3 OF 5
FILED: JULY 16, 2020

- **Residential Window Replacement:**
 - Professional dues and fees
 - Travel and lodging for conference
 - Printing of program materials
- **Prime Time:**
 - Settlements/Claims expense
- **Commercial/Industrial Audit (Free):**
 - Professional dues and fees for commercial analysts
 - Training for commercial energy analysts
 - Travel and lodging for conference
 - Printing of program materials
 - Parking and tolls
 - Shoes and uniforms
 - Telecom utilities
 - Reclass from 2018
- **Commercial Cooling:**
 - Travel and lodging for conference
- **Demand Response:**
 - Professional dues and fees
 - Travel and lodging for conference
 - Miscellaneous, parking and tolls
- **Industrial Load Management:**
 - Travel and lodging for conference
 - Mosaic Ft. Green upgrade
- **LED Street and Outdoor Lighting Conversion:**
 - Net Book Value for streetlight conversions
- **Lighting Conditioned Space:**
 - Professional dues and fees
 - Travel and lodging for conference
 - Parking and tolls
 - Gift card for association meeting
- **Lighting Non-Conditioned Space:**
 - Travel and lodging for conference
 - Parking and tolls
- **Standby Generator:**
 - Travel and lodging for conference
 - Telecom utilities
- **Thermal Energy Storage:**
 - Gift card for association meeting

**TAMPA ELECTRIC COMPANY
DOCKET NO. 20200002-EG
STAFF'S FIRST SET OF
INTERROGATORIES
INTERROGATORY NO. 4
PAGE 4 OF 5
FILED: JULY 16, 2020**

- **Conservation Research and Development**
 - Postage
 - **Renewable Energy Program:**
 - Operating expense
 - Parking and tolls
 - **Common expenses:**
 - Professional dues and fees
 - Travel and lodging for conference
 - Training for conference
 - Printing of materials
 - Consortium for Energy Efficiency (“CEE”)
 - IT support service
 - Telecom utilities
- b. Tampa Electric spent \$181,157 less than it projected for Payroll and Benefits in the Residential Walk-Through Energy Audit during 2019 due to the following reasons:
- **Vacancies:** There were two vacancies on the Residential Energy Analyst team throughout 2019 due to team members moving on to new positions within the company which resulted in less payroll charges to the Residential Walk-Through Energy Audit Program. One of the vacancies was for a period of four months and the other vacancy was for a period of six months. These positions have subsequently been filled.
 - **Neighborhood Weatherization Quality Assurance:** In 2019, three Residential Energy Analysts were performing quality assurance checks for the company’s Neighborhood Weatherization Program during the first half of the year which shifted their time being charged to that program.
 - **Neighborhood Weatherization Kit Installations:** In 2019, Tampa Electric ended the contract with the third party vendor that had been performing the installation of the energy efficiency kits, installation of insulation and sealing of ductwork for the Neighborhood Weatherization Program. As part of the process redesign for the Neighborhood Weatherization Program, the energy efficiency kit installation process was brought in-house, and the Residential Energy Analysts started performing that portion of the program during the second half of the year. This resulted in a portion of their time being shifted to the Weatherization program instead of the Residential Walk-Through Audit.

TAMPA ELECTRIC COMPANY
DOCKET NO. 20200002-EG
STAFF'S FIRST SET OF
INTERROGATORIES
INTERROGATORY NO. 4
PAGE 5 OF 5
FILED: JULY 16, 2020

- **Energy Planner Assistance:** In 2019, one Residential Energy Analyst was cross-trained and assisted the Energy Planner team which resulted in a reduction of payroll charges to the Residential Walk-Through Audit.

**TAMPA ELECTRIC COMPANY
DOCKET NO. 20200002-EG
STAFF'S FIRST SET OF
INTERROGATORIES
INTERROGATORY NO. 5
PAGE 1 OF 3
FILED: JULY 16, 2020**

5. Please refer to Schedule CT-2, Pages 2 and 3, of TECO's May 4, 2020 filing in Docket No. 20200002-EG. Please explain the following variances between actual and projected expenditures in the following:
- a. In the Neighborhood Weatherization Program, TECO spent \$107,241 less than it projected to spend for Payroll & Benefits.
 - b. In the Neighborhood Weatherization Program, TECO spent \$899,078 less than it projected to spend on Incentives.
 - c. In the Industrial Load Management (GSLM 2&3) Program, the Company spent \$481,204 less than it projected to spend in Incentives.
 - d. In the LED Street and Outdoor Conversion Program, the Company spent \$834,433 less than it projected to spend in Other.
 - e. In the Lighting Non-Conditioned Space Program, the Company spent \$184,381 less than it projected to spend in Incentives.
 - f. In the Thermal Energy Storage Program, TECO spent \$156,516 more than it projected to spend on Outside Services.
 - g. In the Thermal Energy Storage Program, TECO spent \$250,000 less than it projected to spend on Incentives.
 - h. In the Renewable Energy Program, the Company spent \$135,000 less than it projected to spend in Outside Services.
- A. a. In 2019, Tampa Electric ended the contract with the third party vendor that had been performing the installation of the energy efficiency kits, installation of insulation and sealing of ductwork for the Neighborhood Weatherization Program. As part of the process redesign for the Neighborhood Weatherization Program, the energy efficiency kit installation process was brought in-house, and the Residential Energy Analysts started performing that portion of the program during the second half of the year. During the redesign process, the company temporarily suspended the field portion of the Neighborhood Weatherization Program from the middle of June to the middle of August. During this time, there was a reduction in field and office employees charging time to the program.

**TAMPA ELECTRIC COMPANY
DOCKET NO. 20200002-EG
STAFF'S FIRST SET OF
INTERROGATORIES
INTERROGATORY NO. 5
PAGE 2 OF 3
FILED: JULY 16, 2020**

- b. In 2019, Tampa Electric ended the contract with the third party vendor that had been performing the installation of the energy efficiency kits, installation of insulation and sealing of ductwork for the Neighborhood Weatherization Program. As part of the process redesign for the Neighborhood Weatherization Program, the energy efficiency kit installation process was brought in-house, and the Residential Energy Analysts started performing that portion of the program during the second half of the year. The process redesign brought significant efficiency gains to the performance of the program which has led to savings to the program. In addition to the efficiency gains of the program, the company also negotiated a reduction in overall insulation costs of five cents per square foot and a reduction in duct seal costs of \$10 per home.
- c. In the Industrial Load Management (GSLM 2&3) Program, the decrease in incentives in 2019 over 2018 was due to a large manufacturing participating customer leaving the program in February 2019. The reduction in incentives causing this variance is based on the monthly average demand of this large manufacturing customer.
- d. In the LED Street and Outdoor Conversion Program, the reason why the \$834,433 variance under the "Other" cost category occurred is the company did not achieve the projected number of participants (luminaires) converted in 2019. The company converted 32,366 luminaires in 2019 as compared to the projected 40,000 luminaires.
- e. In the Lighting Non-Conditioned Space Program, there were two reasons for the decrease expenditures in this program. The first reason was due to a large school district that had submitted application to participate in this program encountered delays with the exterior lighting portion of their energy retrofits. The second reason was the typical rebate was approximately \$800 lower per rebate than the what the company projected (\$1,700 projected amount versus \$900 approximate actual amount).
- f. In the Thermal Energy Storage Program, Tampa Electric initially allocated an error to "Outside Service" in December 2019. In the monthly review of expenses, this error was caught, and the charge was reclassified correctly and allocated to Energy Conservation Allowance (the rebate for a participants installed qualifying thermal energy storage system).

**TAMPA ELECTRIC COMPANY
DOCKET NO. 20200002-EG
STAFF'S FIRST SET OF
INTERROGATORIES
INTERROGATORY NO. 5
PAGE 3 OF 3
FILED: JULY 16, 2020**

- g. In the Thermal Energy Storage Program, Tampa Electric projected that two thermal energy storage projects would likely commence due to discussions with one of the company's commercial customers. One project rebate was paid, as explained in Response No. 5f above. The second project was not installed as the customer chose to not move forward with the installation after it received Tampa Electric's pre-approval.
- h. In the Renewable Energy Program, the company spent \$135,000 less than it projected to spend in Outside Services due to two planned photovoltaic arrays planned for construction in 2019 were delayed until 2020.

**TAMPA ELECTRIC COMPANY
DOCKET NO. 20200002-EG
STAFF'S FIRST SET OF
INTERROGATORIES
INTERROGATORY NO. 6
PAGE 1 OF 1
FILED: JULY 16, 2020**

- 6.** Please refer to Schedule CT-2, Pages 2 and 3, of TECO's May 4, 2020 filing in Docket No. 20200002-EG to answer the following questions.
- a. Please explain the increase in expenditures under the Commercial Chiller Program. In 2018, TECO spent \$1,487 on the program. In 2019, it spent \$28,515.
 - b. Please explain the increase in expenditures under the Energy Star Multi-Family Program. In 2018, TECO spent \$1,164 on the program. In 2019, it spent \$87,997.
 - c. Please explain the increase in expenditures under the Lighting Conditioned Space Program. In 2018, TECO spent \$588,174 on the program. In 2019, it spent \$2,383,402.
- A.**
- a. The increase in expenditures in 2019 from 2018 under the Commercial Chiller Program was due to the increase in the amount of program participation. The Commercial Chiller Program is incentivized on the unit size and by the number of units per each application submitted. In 2019, the program had five participants while 2018 saw lower activity with one participant.
 - b. The increase in expenditures in 2019 from 2018 under the ENERGY STAR for New Multi-Family Residences Program was due to paying a rebate of \$85,800 to a qualifying 264 unit apartment complex. (rebate is \$325.00 per qualifying units). No multi-family buildings were rebated in 2018.
 - c. The increase in expenditures in 2019 from 2018 under the Lighting Conditioned Space Program were directly related to the incentive amounts that were paid based on a per kilowatt reduction. In 2019, a large school district conducted a large lighting retrofit, 210 schools were retrofitted with new interior light emitting diode ("LED") lighting systems.

**TAMPA ELECTRIC COMPANY
DOCKET NO. 20200002-EG
STAFF'S FIRST SET OF
INTERROGATORIES
INTERROGATORY NO. 7
PAGE 1 OF 1
FILED: JULY 16, 2020**

7. Please refer to Schedule CT-2, Pages 2 and 3, of TECO's May 4, 2020 filing in Docket No. 20200002-EG. Please explain the following variances between 2018 and 2019 in the Energy and Renewable Education, Awareness, and Agency Outreach Program:
- a. The variance of \$48,435 in Payroll & Benefits.
 - b. The variance of \$24,073 in Outside Services.
- A.**
- a. In 2019, Tampa Electric initiated a process improvement change to support the time and efficiency of all Energy Management Services resources to gather all information and materials prior to each event to effectively and efficiently support and deliver the company's energy conservation messaging and education. This improvement is the main reason for the reduced cost in 2019 as compared to 2018, even though Tampa Electric participated in over 100 designated energy education and awareness events across the company's service area in 2019; whereas in 2018 with only 80 events totals for the year. This process improvement also included improvements that have allowed for additional face-to-face time with the company's customers at these events while reducing delivery time, which has resulted in reductions to payroll & benefits.
 - b. In 2019, Tampa Electric participated in over 100 designated energy education and awareness events across the company's service area, in comparison to 80 events in 2018. The variance in Outside Services is being driven by the additional cost to cover these additional community energy education participation fees and the additional purchase of outside materials to support these events.

**TAMPA ELECTRIC COMPANY
DOCKET NO. 20200002-EG
STAFF'S FIRST SET OF
INTERROGATORIES
INTERROGATORY NO. 8
PAGE 1 OF 2
FILED: JULY 16, 2020**

8. Please refer to Schedule CT-2, Page 3 of TECO's May 4, 2020 filing in Docket No. 20200002-EG. Please explain the following variances in cost between 2018 and 2019 in the Neighborhood Weatherization Program:
- a. The variance of \$107,241 in Payroll & Benefits.
 - b. The variance of \$64,375 in Materials & Supplies.
 - c. The variance of \$9,287 in Outside Services.
 - d. The variance of \$10,000 in Advertising.
 - e. The variance of \$899,078 in Incentives.
- A.
- a. Please see Response No. 5a above.
 - b. In 2019, Tampa Electric ended the contract with the third party vendor that had been performing the installation of the energy efficiency kits, installation of insulation and sealing of ductwork for the Neighborhood Weatherization Program. As part of the process redesign for the Neighborhood Weatherization Program, the energy efficiency kit installation process was brought in-house, and the Residential Energy Analysts started performing that portion of the program during the second half of the year. Because of this process redesign, the controls over the materials supporting the program are now stored within the company's Stores Department and marked with company stock number. Each time a piece of material is withdrawn it is recorded, recorded materials reporting supports and are in line with activity of the program being delivered. Improving material controls has reduced the overall cost of Materials and Supplies.
 - c. In 2019, the variance of the additional \$9,287.00 was due to two costs. The first cost was to remove the company's Neighborhood Weatherization vehicle wraps that were on the third party vendors vehicles. The second cost was due to the repair of customer homes that were damaged in the process of having weatherization measures installed in their homes.
 - d. In 2019, the variance of \$10,000 in advertising was a community partnership fee to allow the Neighborhood Weatherization Program to participate in an end of year holiday community event that brought in players

**TAMPA ELECTRIC COMPANY
DOCKET NO. 20200002-EG
STAFF'S FIRST SET OF
INTERROGATORIES
INTERROGATORY NO. 8
PAGE 2 OF 2
FILED: JULY 16, 2020**

from the Tampa Bay Buccaneers. At this event, Tampa Electric had a table and discussed the Neighborhood Weatherization program to each customer in attendance. In addition, the company pre-qualified a total of 35 families at the event including handing out packages of energy efficient LED lamps.

- e. Please see Response No. 5b above.

29

TECO's Response to Staff's Second Set of Interrogatories
Nos. 9-12

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20200002-EG EXHIBIT: 29
PARTY: Roche (9-12)
DESCRIPTION: TECO's Response to Staff's
Second Set of Interrogatories Nos. 9-12
[Bates Nos. 00081-00086]

**TAMPA ELECTRIC COMPANY
DOCKET NO. 20200002-EG
STAFF'S SECOND SET OF
INTERROGATORIES
INTERROGATORY NO. 9
PAGE 1 OF 1
FILED: SEPTEMBER 18, 2020**

9. Please describe how the COVID-19 pandemic has affected the Company's projected conservation program costs for 2021. As part of your response, please address whether certain programs are projected to be disrupted more than others, and if applicable, describe what steps the Company has planned to mitigate the disruption(s).
- A. The COVID-19 pandemic will require Tampa Electric to catchup on energy audits by performing the walk-through portion of both residential and commercial energy audits, catching up on the backlog of residential Ceiling Insulation and Duct Repair programs that have been postponed, installing the remaining measures that need to be installed from those customers that participated in the company's Neighborhood Weatherization program, and the performance of field verifications. Other than these program activities, the company does not forecast any measurable COVID-19 impacts on projected conservation program costs for 2021. The company at this time is preparing to transition to the new Demand Side Management ("DSM") Plan portfolio of DSM programs on November 2, 2020 and is preparing to resume normal business operations in the beginning of the year. If COVID-19 does require additional time to remain out of the field or customer homes or facilities, Tampa Electric will utilize other options for the delivery of programs, such as Phone Audits, Virtual Audits, and Virtual Verifications. Tampa Electric also implemented a Risk Analysis form that must be completed prior to performing a field task. The purpose of the Risk Analysis is to identify potential safety hazards that include COVID-19 to mitigate potential exposure between employees and customers.

**TAMPA ELECTRIC COMPANY
DOCKET NO. 20200002-EG
STAFF'S SECOND SET OF
INTERROGATORIES
INTERROGATORY NO. 10
PAGE 1 OF 1
FILED: SEPTEMBER 18, 2020**

- 10.** Please refer TECO's August 7, 2020, filing in Docket No. 20200002-EG, Schedule C-2, Page 4, to answer the following questions about projected expenses for 2021.
- a. Please explain the credit of \$127,500 under Program Revenues for the LED Street and Outdoor Conversion program.
 - b. Please explain the credit of \$117,660 under Program Revenues for the Renewable Energy program.
- A.**
- a. Tampa Electric places the salvage value that is projected to be received from the sale of scrap metal from the removed converted luminaires as a credit to the Light Emitting Diode ("LED") Street and Outdoor Conversion program.
 - b. The credit for program revenues for the Renewable Energy program recognizes the projected amount of contributions received from customers that funds this program.

**TAMPA ELECTRIC COMPANY
DOCKET NO. 20200002-EG
STAFF'S SECOND SET OF
INTERROGATORIES
INTERROGATORY NO. 11
PAGE 1 OF 2
FILED: SEPTEMBER 18, 2020**

11. Please refer TECO's August 7, 2020, filing in Docket No. 20200002-EG. Please explain the following variations in Actual/Estimated expenses for 2020 (Schedule C-3, Pages 1 through 5) and Projected expenses for 2021 (Schedule C-2, Page 3 and 4).
- a. The increase in Total Costs for the Energy Star Multi-Family program from \$864 in 2020 to \$105,393 in 2021.
 - b. The increase in Total Costs for the Energy Start Pool Pumps program from \$2,475 in 2020 to \$257,506 in 2021.
 - c. The increase in Total Costs for the Neighborhood Weatherization program from \$1,257,321 in 2020 to \$4,072,170 in 2021.
 - d. The increase in Total Costs for the Commercial Smart Thermostats program from \$8,655 in 2020 to \$179,561 in 2021.
- A.
- a. The increase in total costs for the ENERGY STAR Multi-Family program from 2020 to 2021 is due to the anticipated rebate activity in 2021. In 2020, the company has not been made aware of any multi-family facilities that would meet the qualifications or apply for the rebate of this program.
 - b. The increase in total costs for the ENERGY STAR Pool Pumps program from 2020 to 2021 is due to the timing of the initiation of the program. The company will begin this new program on November 2, 2020, whereas in 2021 it will operate the entire year. In addition, it will take some time for activity of this program to increase to projected levels.
 - c. The increase in total costs for the Neighborhood Weatherization program from 2020 to 2021 is due to two causes. The first is the redesign of the program delivery to include the performance of a walk-through energy audit as a formal component of the program. The second cause is some projected catchup costs from those customers that participated in 2020 but due to COVID-19 were unable to receive all the measures within the program. The company will provide the remaining measures as soon as the company can safely administer the measures to these customers.

**TAMPA ELECTRIC COMPANY
DOCKET NO. 20200002-EG
STAFF'S SECOND SET OF
INTERROGATORIES
INTERROGATORY NO. 11
PAGE 2 OF 2
FILED: SEPTEMBER 18, 2020**

- d. The increase in total costs for the Commercial Smart Thermostats program from 2020 to 2021 is due to the timing of the initiation of the program. The company will begin this new program on November 2, 2020, whereas in 2021 it will operate the entire year. In addition, it will take some time for activity of this program to increase to projected levels.

**TAMPA ELECTRIC COMPANY
DOCKET NO. 20200002-EG
STAFF'S SECOND SET OF
INTERROGATORIES
INTERROGATORY NO. 12
PAGE 1 OF 1
FILED: SEPTEMBER 18, 2020**

- 12.** Please refer TECO's August 7, 2020, filing in Docket No. 20200002-EG, Schedule C-3, Pages 1 and 2, to answer this inquiry about variances between Actual and Estimated expenses for 2020. Please explain the variation in "Other" for the LED Street and Outdoor Conversion program. Actual expenses for the first half of 2020 are shown to be \$1,711,155, while the second half estimate is \$3,263,760.
- A.** The variation in projected expenses in 2020 between the first half of 2020 and the second half of the year is due to projected converted luminaires. In the first half of 2020 (January through June), Tampa Electric converted 14,312 luminaires and is projecting to complete 40,000 luminaires by the end of the year.

30

**TECO's Response to Staff's Third Set of Interrogatories
Nos. 13-14**

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20200002-EG EXHIBIT: 30
PARTY: Roche (13, 14)
DESCRIPTION: TECO's Response to Staff's
Third Set of Interrogatories Nos. 13-14
[Bates Nos. 00087-00091]

**TAMPA ELECTRIC COMPANY
DOCKET NO. 20200002-EG
STAFF'S THIRD SET OF
INTERROGATORIES
INTERROGATORY NO. 13
PAGE 1 OF 1
FILED: OCTOBER 9, 2020**

- 13.** Please refer to TECO's September 11, 2020, filing in Docket No. 20200002-EG.
- a. Please explain the cause of the formula calculation error that did not carry over a portion of projected revenues.
 - b. Has the Company made any changes to its procedures to prevent similar errors in the future? If so, please describe the changes.
- A.**
- a. A portion of the company's 2020 forecasted Energy Conservation Cost Recovery ("ECCR") Clause revenues did not carry over due to revenues for July through December in the projection file inadvertently being sourced from the residential revenues column rather than the total ECCR revenues column in the ECCR revenues source file.
 - b. The company has updated its review process to prevent similar errors in the future to ensure the accuracy of the projected ECCR revenues. In the future, the preparer of the projection filing will now specifically include evidence of the revenues from the original source file, and cell comments added to the file will direct the preparer to validate that the total ECCR revenue column is in the formula. Additionally, the updated review process will also specifically direct the preparer and reviewer to reconcile the revenues for July through December on line 2 of tab C-3, pg. 6 in the projection file with the total revenues column in the budget, less the regulatory assessment fee to further ensure the accuracy of the filing.

**TAMPA ELECTRIC COMPANY
DOCKET NO. 20200002-EG
STAFF'S THIRD SET OF
INTERROGATORIES
INTERROGATORY NO. 14
PAGE 1 OF 3
FILED: OCTOBER 9, 2020**

- 14.** In TECO's Response to Staff's First Set of Interrogatories, Item Number 2, the Company indicated it had suspended on-site operations for the Residential and Commercial Energy audits in 2020.
- a. If applicable, please state when the suspension for each program was lifted.
 - b. Please describe how the Company communicated with its customers regarding the suspension and, if applicable, the resumption of on-site operations for the Residential and Commercial Energy audits in 2020.
- A.**
- a. At the time of this filing, on-site operations for the Residential and Commercial Energy Audits remain suspended. The company at this time is planning to resume normal on-site operations for the Residential and Commercial Energy Audits at the beginning of the year along with the other components of the other DSM Programs that require face-to-face interactions with customers, provided the safety of employees and customers can be met.
 - b. Since suspending operations on March 16, 2020 with customers that require face-to-face interactions (on-site), Tampa Electric has taken many steps and efforts to mitigate the impacts to the company's Residential and Commercial/Industrial DSM programs and to provide customers special consideration during these challenging times. These steps and efforts are provided below in addition to Tampa Electric communicating these with customers, posting COVID messages and continuing to closely monitor and provide updates to customers.
 - Energy Audits: In an effort to provide some level of assistance to customers during the pandemic, the company increased the emphasis on the Phone, Online and Virtual audit offerings for residential customers and Phone audit offerings for Commercial/Industrial customers. In addition, all customers who have expressed interest in any of the programs currently on hold have been waitlisted and will be contacted upon resuming operations.
 - Ceiling Insulation and Duct Repair: All Energy Management Services staff and Contractors were contacted and informed that all Insulation Certificates and Duct Repair letters would be extended an additional six

**TAMPA ELECTRIC COMPANY
DOCKET NO. 20200002-EG
STAFF'S THIRD SET OF
INTERROGATORIES
INTERROGATORY NO. 14
PAGE 2 OF 3
FILED: OCTOBER 9, 2020**

months to accommodate customers unable to currently utilize them. In addition, customers that performed self-installed ceiling insulation would be eligible for rebate if the homeowner provided "after" pictures of the install as an upload to their online rebate application.

- The company has continued to receive and process applications for DSM programs not requiring customer interaction (i.e. Heating and Cooling, Windows), therefore, Tampa Electric has not experienced any measurable impact from COVID-19 on these DSM programs.
- Return to Work: May 29, 2020. Tampa Electric reinitiated outdoor field verifications that do not require any customer contact.
- Return to Work: June 11, 2020. Modified procedures to ceiling insulation program allowing contractors to perform work for customers with the Tampa Electric certificate. Customer must agree to pay contractor in full and then submits rebate application to Tampa Electric directly.
- Return to Work: June 19, 2020. Advised contractors that if all personal protective equipment procedures were followed and no physical contact was needed, they could perform work for customers at this time.
- Staged for Return to Work: The company has maintained waitlists for customers and is monitoring field verification percentages. Once the complete return to work is authorized, Tampa Electric will follow-up with all customers that are on the wait list. The company will also follow-up with every customer that had a phone energy audit to initiate the process of having the walkthrough energy audit performed.
- Return to Work: August 18, 2020. Began limited field operations to perform attic inspections where the attic access is outside (garage, carport, gable vents, etc.) the home. This is a contactless effort in which the Energy Analyst makes all the necessary arrangements with the customers prior to arrival. All communications with the customers are performed via the phone and electronic means. The purpose of the attic verification is to identify the customer's eligibility to participate in the Ceiling Insulation and/or Duct Seal programs.
- Tampa Electric continues to promote non-customer contact programs via advertising including television and online. The company is also

**TAMPA ELECTRIC COMPANY
DOCKET NO. 20200002-EG
STAFF'S THIRD SET OF
INTERROGATORIES
INTERROGATORY NO. 14
PAGE 3 OF 3
FILED: OCTOBER 9, 2020**

leveraging social media platforms, bill communications, website and email to promote the company's DSM Programs during these challenging times.

31

**TECO's Response to Staff's First Production of Documents
No. 1**

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20200002-EG EXHIBIT: 31
PARTY: Roche (1)
DESCRIPTION: TECO's Response to Staff's
First Production of Documents No. 1
[Bates Nos. 00092-00098]

**TAMPA ELECTRIC COMPANY
DOCKET NO. 20200002-EG
OPC'S FIRST REQUEST FOR
PRODUCTION OF DOCUMENTS
DOCUMENT NO. 1
BATES STAMPED PAGES: 1 - 6
FILED: OCTOBER 9, 2020**

1. Please refer to TECO's September 11, 2020, filing in Docket No. 20200002-EG. Please provide a copy of the Company's procedures used to verify the accuracy of the data filed in its ECCR testimony, CT, and C schedules.

A. Tampa Electric does not have documented procedures used to verify the accuracy of the data filed for all of the company's Energy Conservation Cost Recovery ("ECCR") Docket's testimony and filings. The company does use processes to verify the accuracy of the data filed in the company's ECCR Docket's testimony and filings. The company is including PDF documents of the Regulatory Department's process flow and the documenting file for the reviews that occur in the company's Regulatory Accounting Department for completing the company's ECCR projection (Bates pages 3-4). The company is also providing the Regulatory Department's process flow for the Annual Report and detailed true-up procedures (Bates pages 5-6). The detailed steps that are taken in the Regulatory Accounting Department for completing the company's ECCR projection review are listed below:

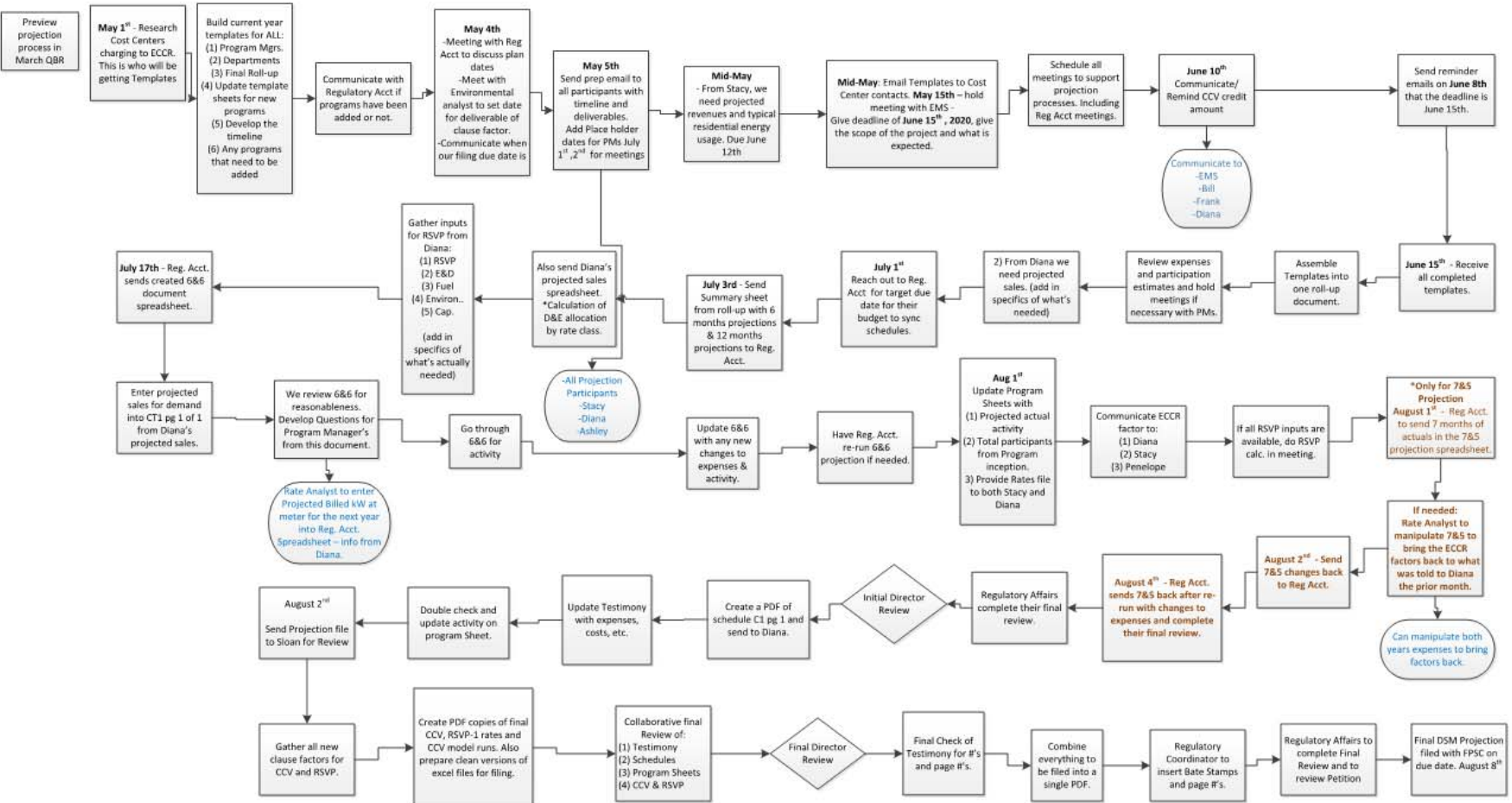
Preparation – Projected expenses for each program are supplied to Regulatory Accounting by the Regulatory Rate Analyst, and Regulatory Accounting inputs those expenses into the projection file. The first six months of the current year in the projection file are linked to the June monthly true-up file prepared during closeout by Regulatory Accounting. The Projection file summarizes the expense and revenue information on the applicable schedules. Revenues for July through December of the current year in the projection file are linked to the revenues file that was provided by Regulatory Affairs for the current year budget and pull into schedule C3 PG 6. The interest rate for the projected months of the current year and the upcoming year is provided to Regulatory Accounting by the Director of Financial Planning and is then input into schedule C3 PG 7. The Return on Investment ("ROI") weighted Average Cost of Capital ("WACC") is calculated by Regulatory Accounting team based on schedule 4 of the Surveillance Report (and includes proration of Accumulated Deferred Federal Income Taxes ("ADFIT") as applicable starting in 2021). The ROI is then entered into the applicable C3 PG4 schedules in the projection file. The preparer must ensure all check figures built into the projection file are zero.

Verification and Approval – A review packet is created by the preparer of the projection filing and is reviewed and approved by the Regulatory Clause Subject Matter Expert and the Supervisor of Regulatory Accounting. This packet must contain each schedule, tabs used to calculate pertinent information, and original

**TAMPA ELECTRIC COMPANY
DOCKET NO. 20200002-EG
OPC'S FIRST REQUEST FOR
PRODUCTION OF DOCUMENTS
DOCUMENT NO. 1
BATES STAMPED PAGES: 1 - 6
FILED: OCTOBER 9, 2020**

source documents used for the projection to ensure the information in each schedule is accurate and complete.

DSM Projection Filing Process (for 2020)



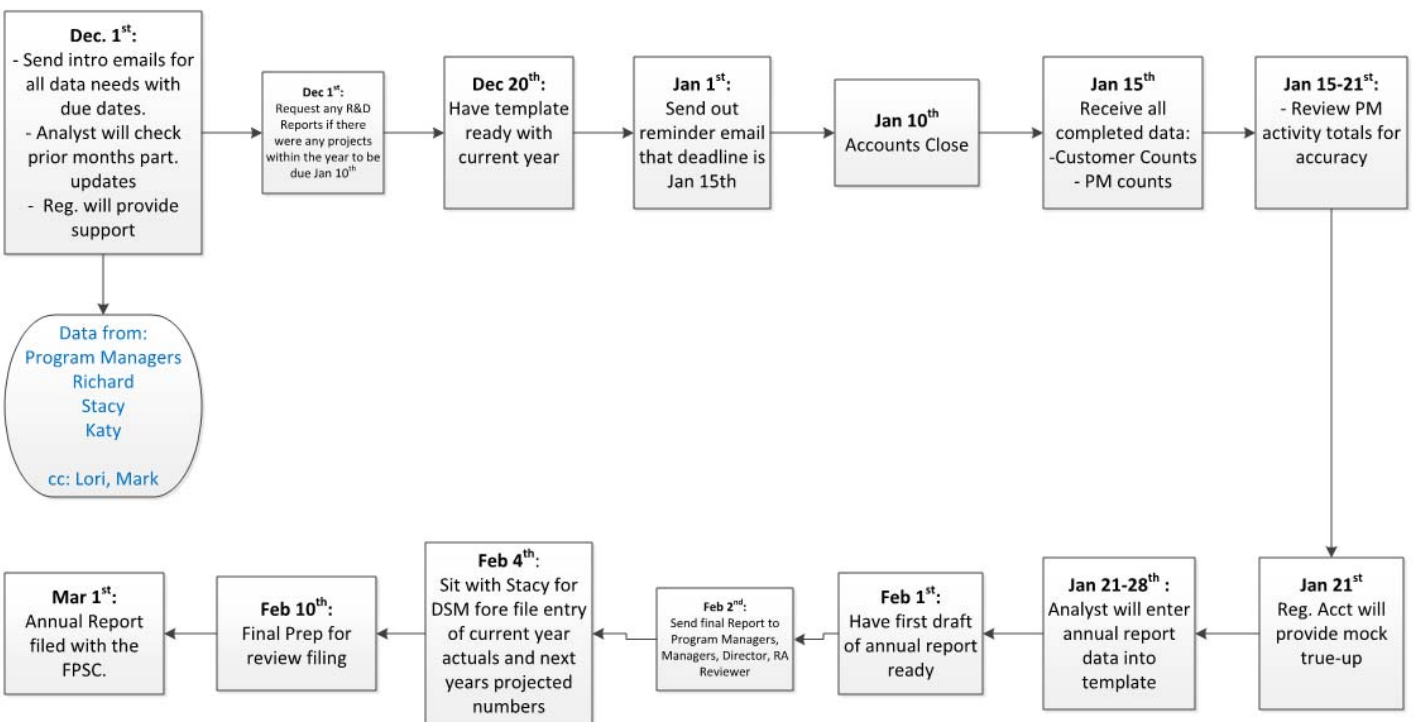
**TAMPA
ELECTRIC**

DOCUMENTATION OF REVIEW

A TECO ENERGY COMPANY

DOCUMENT NAME:	Conservation Projection	
ORIGINATING SECTION:	FINANCIAL REPORTING	
PREPARATION AND REFERENCING:	SIGNATURE	DATE
DIRECTORY / FILE NAME NOTED ON WORK PAPERS		
SUPPORTING DOCUMENTS INCLUDED AND REFERENCED		
VERIFY PREPARATION & REFERENCING (ABOVE)	_____	
SME REVIEW:		
VERIFY PREPARATION & REFERENCING (ABOVE)	_____	
SUPERVISOR/MANAGER REVIEW:		
VERIFY PREPARATION & REFERENCING (ABOVE)	_____	

DSM Annual Report Process Flow



ECCR True up Detailed Procedure

The annual True up filing is submitted early May and it reports actual expenditures and participation activity for individual programs for the previous reporting calendar year (January through December)

The filing is typically due May 1st, All data needs should be requested middle of February (Feb 21) to be due middle of March (Mar 13) to allow 2-3 weeks to provide data. The analyst's due date for completion and leadership review is typically the 1st week of April (Apr 3).

Data Sources to collect:

1. Regulatory Accounting:
 - True up file (Schedules CT1-CT5)
2. Regulatory Analyst:
 - CT6 Schedule (Program Description and Progress)
 - i. Update year
 - ii. Update program accomplishments
 - iii. Update program fiscal expenditures
 - iv. Update program progress summary
3. Energy Education Program Manager:
 - Program Accomplishments
 - i. In this reporting period Tampa Electric partnered with [redacted] local schools to present Energy Education to [redacted] students through classroom presentations. Tampa Electric also continues to partner with Junior Achievement BizTown presenting Energy Education to [redacted] students representing [redacted] local schools. In addition, the company gave [redacted] presentations to civic organizations and distributed [redacted] energy saving kits to participating customers.
4. Cogeneration Program Manager & Juan Gonzalez (Grid Ops):
 - Program Progress Summary
 - i. At the end of 20XX, there are ## cogeneration Qualifying Facilities ("QFs") that are on-line in Tampa Electric's service area. The total nameplate generation capacity of these ## interconnected cogeneration facilities is [redacted] MW. During 20XX, the company received [redacted] GWh from these facilities. The company continues interaction with current and potential cogeneration developers regarding on-going and future cogeneration activities.
5. DSM Research and Development:
 - Program Progress Summary with any current R&D projects
6. Renewable Energy Program:
 - Program Accomplishments
 - i. Year-end customers participating: [redacted]
 - Number of net customers participating: [redacted]
 - Blocks of energy purchased: [redacted]
 - One-time blocks of energy sold: [redacted]