

Duke Energy Florida, LLC
Energy Conservation Cost Recovery
Calculation of Energy & Demand Allocation % by Rate Class
January 2019 - December 2019

Rate Class	(1) Average 12CP Load Factor at Meter (%)	(2) Sales at Meter (mWh)	(3) Avg 12 CP at Meter (MW) (2)/(8760hrs(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	20,593,148	4,291.48	0.9413447	21,876,309	4,558.88	2,497.30	52.591%	60.276%	59.685%
General Service Non-Demand										
GS-1, GST-1										
Secondary	0.576	2,001,248	396.85	0.9413447	2,125,946	421.58	242.69	5.111%	5.574%	5.538%
Primary	0.576	15,976	3.17	0.9719653	16,437	3.26	1.88	0.040%	0.043%	0.043%
Transmission	0.576	2,484	0.49	0.9819653	2,530	0.50	0.29	0.006%	0.007%	0.007%
								5.156%	5.624%	5.588%
General Service										
GS-2 Secondary	1.000	177,263	20.24	0.9413447	188,308	21.50	21.50	0.453%	0.284%	0.297%
General Service Demand										
GSD-1, GSDT-1										
Secondary	0.742	11,774,036	1,810.48	0.9413447	12,507,677	1,923.29	1,427.82	30.069%	25.429%	25.786%
Primary	0.742	2,216,857	340.88	0.9719653	2,280,799	350.72	260.37	5.483%	4.637%	4.702%
Transmission	0.742	0	0.00	0.9819653	0	0.00	0.00	0.000%	0.000%	0.000%
SS-1 Primary	0.796	44,079	6.32	0.9719653	45,350	6.51	5.18	0.109%	0.086%	0.088%
Transm Del/ Transm Mtr	0.796	8,533	1.22	0.9819653	8,690	1.25	0.99	0.021%	0.016%	0.017%
Transm Del/ Primary Mtr	0.796	1,872	0.27	0.9719653	1,926	0.28	0.22	0.005%	0.004%	0.004%
								35.686%	30.172%	30.596%
Curtaillable										
CS-1, CST-1, CS-2, CST-2										
Secondary	1.082	(0)	(0.00)	0.9413447	(0)	(0.00)	(0.00)	0.000%	0.000%	0.000%
Primary	1.082	71,221	7.51	0.9719653	73,275	7.73	8.36	0.176%	0.102%	0.108%
SS-3 Primary	1.248	66,505	6.08	0.9719653	68,423	6.26	7.81	0.164%	0.083%	0.089%
								0.341%	0.185%	0.197%
Interruptible										
IS-1, IST-1, IS-2, IST-2										
Secondary	0.911	89,356	11.19	0.9413447	94,924	11.89	10.84	0.228%	0.157%	0.163%
Sec Del/Primary Mtr	0.911	4,978	0.62	0.9719653	5,122	0.64	0.58	0.012%	0.008%	0.009%
Primary Del / Primary Mtr	0.911	1,113,149	139.45	0.9719653	1,145,256	143.47	130.74	2.753%	1.897%	1.963%
Primary Del / Transm Mtr	0.911	249	0.03	0.9819653	254	0.03	0.03	0.001%	0.000%	0.000%
Transm Del/ Transm Mtr	0.911	346,705	43.43	0.9819653	353,073	44.23	40.31	0.849%	0.585%	0.605%
Transm Del/ Primary Mtr	0.911	223,444	27.99	0.9719653	229,889	28.80	26.24	0.553%	0.381%	0.394%
SS-2 Primary	0.686	60,525	10.07	0.9719653	62,271	10.37	7.11	0.150%	0.137%	0.138%
Transm Del/ Transm Mtr	0.686	92,935	15.47	0.9819653	94,642	15.75	10.80	0.228%	0.208%	0.210%
Transm Del/ Primary Mtr	0.686	11,069	1.84	0.9719653	11,388	1.90	1.30	0.027%	0.025%	0.025%
								4.800%	3.399%	3.507%
Lighting										
LS-1 (Secondary)	10.191	380,801	4.27	0.9413447	404,528	4.53	46.18	0.972%	0.060%	0.130%
		39,296,432	7,139.36		41,597,015	7,563.34	4,748.52	100.000%	100.000%	100.000%

Notes:

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| (1) Average 12CP load factor based on load research study filed July 31, 2018 (Rule 25-6-0437 (7)) | (6) Column 3 / Column 4 |
| (2) Projected kWh sales for the period January 2019 to December 2019 | (7) Column 5 / 8,760 hours |
| (3) Calculated: Column 2 / (8,760 hours x Column 1) | (8) Column 5/ Total Column 5 |
| (4) Based on system average line loss analysis for 2017 | (9) Column 6/ Total Column 6 |
| (5) Column 2 / Column 4 | (10) Column 8 x 1/13 + Column 9 x 12/13 |

Duke Energy Florida, LLC
Energy Conservation Cost Recovery
Calculation of Energy Conservation Cost Recovery Rate Factors by Rate Class
January 2019 - December 2019

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	52.591%	59.685%	\$ 10,681,203	\$ 50,459,469	\$ 61,140,672	20,593,148				0.297
General Service Non-Demand										
GS-1, GST-1										
Secondary						2,001,248				0.286
Primary						15,816				0.283
Transmission						2,434				0.280
TOTAL GS	5.156%	5.588%	\$ 1,047,263	\$ 4,724,035	\$ 5,771,298	2,019,498				
General Service										
GS-2 Secondary	0.453%	0.297%	\$ 91,942	\$ 251,244	\$ 343,186	177,263				0.194
General Service Demand										
GSD-1, GSDT-1, SS-1*										
Secondary						11,774,036			0.94	
Primary						2,240,180			0.93	
Transmission						8,362			0.92	
TOTAL GSD	35.686%	30.596%	\$ 7,247,863	\$ 25,867,199	\$ 33,115,062	14,022,578	54.40%	35,310,682		
Curtable										
CS-1, CST-1, CS-2, CST-2, CS-3, CST-3, SS-3*										
Secondary						(0)			0.41	
Primary						136,349			0.41	
Transmission						-			0.40	
TOTAL CS	0.341%	0.197%	\$ 69,185	\$ 166,492	\$ 235,677	136,349	32.20%	580,059		
Interruptible										
IS-1, IST-1, IS-2, IST-2, SS-2*										
Secondary						89,356			0.79	
Primary						1,399,033			0.78	
Transmission						431,091			0.77	
TOTAL IS	4.800%	3.507%	\$ 974,955	\$ 2,964,773	\$ 3,939,728	1,919,481	52.60%	4,998,909		
Lighting										
LS-1 Secondary	0.972%	0.130%	\$ 197,513	\$ 110,000	\$ 307,512	380,801				0.081
	100.000%	100.000%	\$ 20,309,924	\$ 84,543,212	\$ 104,853,136	39,249,117				0.267

Notes:

- | | |
|--|--|
| (1) From Schedule C-1 1P, Column 8 | (6) kWh sales at effective secondary voltage |
| (2) From Schedule C-1 1P, Column 10 | (7) Class Billing kW Load Factor |
| (3) Column 1 x Total Energy Dollars, C-2 Page 1, line 20 | (8) Column 6 x 1000 / 8,760 / Column 7 x 12 |
| (4) Column 2 x Total Demand Dollars, C-2 Page 1, line 21 | (9) Column 5 / Column 8 (x voltage factor if applicable) |
| (5) Column 3 + Column 4 | (10) Column 5 / Column 6 / 10 |

Calculation of Standby Service kW Charges			
	ECCR Cost	Effective kW	\$/kW
Total GSD, CS, IS	\$37,290,467	40,889,650	0.91
SS-1, 2, 3 - \$/kW-mo			
	Secondary	Primary	Transmission
Monthly - \$0.91/kW * 10%	0.091	0.090	0.089
Daily - \$0.91/kW / 21	0.043	0.043	0.042

**Duke Energy Florida, LLC
Energy Conservation Cost Recovery
Estimated Conservation Program Costs
January 2019 - December 2019**

**FPSC Docket No. 20180002-EG
Duke Energy Florida, LLC
Witness: Lori J. Cross
Exhibit No. ____ (LJC-1P)
Schedule C-2
Page 1 of 5**

Line No.	Program Demand (D) or Energy (E)	12 Month Total
1	Home Energy Check (E)	\$5,462,447
2	Residential Incentive Program (E)	7,388,880
3	Business Energy Check (E)	858,893
4	Better Business (E)	3,242,712
5	Technology Development (E)	800,000
6	Florida Custom Incentive (Innovation Incentive) (E)	645,319
7	Interruptible Service (D)	35,299,564
8	Curtable Service (D)	2,195,256
9	Energy Management (Residential & Commercial) (D)	44,104,674
10	Low Income Weatherization Assistance Program (E)	354,813
11	Standby Generation (D)	4,469,693
12	Qualifying Facility (E)	1,211,168
13	Neighborhood Energy Saver (E)	2,994,366
14	Conservation Program Admin (E)	2,593,059
15	Conservation Program Admin (D)	1,515,413
16	Total ECCR Program Costs	<u><u>\$113,136,259</u></u>

17	12 Months	2018 End of Period Net True-Up (Over)/Under Recovery	Revenue Expansion Factor	Total Recoverable Costs
18	Total			
19	Demand & Energy Summary			
20	Energy	\$25,551,658	1.000302	\$20,309,924
21	Demand	87,584,601	1.000302	84,543,212
22	Total Demand & Energy Costs	<u><u>\$113,136,259</u></u>		<u><u>\$104,853,136</u></u>

Duke Energy Florida, LLC
Energy Conservation Cost Recovery
Estimated Conservation Program Costs
January 2019 - December 2019

Line No.	Program Demand (D) or Energy (E)	Est Jan-19	Est Feb-19	Est Mar-19	Est Apr-19	Est May-19	Est Jun-19	Est Jul-19	Est Aug-19	Est Sep-19	Est Oct-19	Est Nov-19	Est Dec-19	Total
1	Home Energy Check (E)	\$416,252	\$494,490	\$451,932	\$442,287	\$429,209	\$402,179	\$403,257	\$396,444	\$442,917	\$483,823	\$474,219	\$625,438	\$5,462,447
2	Residential Incentive Program (E)	609,544	606,436	635,016	617,435	617,404	613,041	612,467	624,024	618,600	611,675	610,336	612,902	7,388,880
3	Business Energy Check (E)	43,782	43,782	45,138	62,138	44,638	45,138	329,720	45,217	45,714	45,212	62,709	45,704	858,893
4	Better Business (E)	267,759	267,759	273,486	269,904	269,904	270,786	269,904	272,115	270,646	269,904	269,904	270,639	3,242,712
5	Technology Development (E)	66,666	66,666	66,666	66,666	66,666	66,666	66,666	66,666	66,666	66,666	66,666	66,669	800,000
6	Florida Custom Incentive Program (E)	43,727	43,727	44,609	44,007	44,007	44,608	44,007	44,007	44,611	44,007	94,009	109,994	645,319
7	Interruptible Service (D)	2,937,466	2,938,158	2,939,081	2,939,826	2,940,569	2,941,307	2,942,042	2,942,774	2,943,503	2,944,227	2,944,947	2,945,665	35,299,564
8	Curtailable Service (D)	182,938	182,938	182,938	182,938	182,938	182,938	182,938	182,938	182,938	182,938	182,938	182,938	2,195,256
9	Energy Management (Residential & Commercial) (D)	3,577,788	3,649,844	3,334,206	3,120,390	3,469,636	3,711,329	3,790,833	3,844,306	3,859,285	3,677,047	4,235,411	3,834,598	44,104,674
10	Low Income Weatherization Assistance Program (E)	33,654	27,154	33,911	26,898	29,898	31,898	26,898	31,911	30,898	26,898	27,898	26,898	354,813
11	Standby Generation (D)	372,746	372,404	372,580	372,576	372,573	372,569	372,565	372,440	372,314	372,311	372,310	372,308	4,469,693
12	Qualifying Facility (E)	100,089	100,389	100,089	101,389	101,889	101,389	101,089	101,389	100,089	100,089	101,889	101,389	1,211,168
13	Neighborhood Energy Saver (E)	190,715	213,692	272,487	269,902	264,218	266,768	311,208	290,069	262,929	264,092	207,463	180,823	2,994,366
14	Conservation Program Admin (E)	197,763	193,591	251,982	200,280	197,204	251,417	202,510	197,550	250,857	200,214	198,715	250,975	2,593,059
15	Conservation Program Admin (D)	115,575	113,137	147,261	117,046	115,248	146,931	118,349	115,450	146,604	117,008	116,131	146,672	1,515,413
16	Total ECCR Program Costs	\$9,156,465	\$9,314,167	\$9,151,382	\$8,833,683	\$9,146,002	\$9,448,964	\$9,774,455	\$9,527,300	\$9,638,571	\$9,406,113	\$9,965,545	\$9,773,613	\$113,136,259
17	Demand & Energy Summary													
18	Energy	\$1,969,952	\$2,057,686	\$2,175,316	\$2,100,907	\$2,065,038	\$2,093,890	\$2,367,728	\$2,069,392	\$2,133,928	\$2,112,582	\$2,113,808	\$2,291,432	\$25,551,658
19	Demand	7,186,513	7,256,481	6,976,066	6,732,776	7,080,964	7,355,074	7,406,727	7,457,908	7,504,643	7,293,531	7,851,737	7,482,181	87,584,601
20	Total Demand & Energy Costs	\$9,156,465	\$9,314,167	\$9,151,382	\$8,833,683	\$9,146,002	\$9,448,964	\$9,774,455	\$9,527,300	\$9,638,571	\$9,406,113	\$9,965,545	\$9,773,613	\$113,136,259

Duke Energy Florida, LLC
 Energy Conservation Cost Recovery
 Estimated Conservation Program Costs
 January 2019 - December 2019

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)	\$13,939	\$2,816,043	\$151,310	\$998,582	\$845,569	\$437,779	\$92,516	\$106,708	\$0	\$5,462,447
2	Residential Incentive Program (E)	0	2,511,427	19,316	197,239	29,340	4,476,744	88,824	65,989	0	7,388,880
3	Business Energy Check (E)	2,950	452,200	13,944	316,000	18,922	35,000	5,702	14,175	0	858,893
4	Better Business (E)	0	1,215,233	8,579	141,200	36,141	1,800,000	14,360	27,201	0	3,242,712
5	Technology Development (E)	0	150,189	75,000	489,811	0	60,000	5,000	20,000	0	800,000
6	Florida Custom Incentive Program (E)	0	184,798	11,050	117,143	24,000	300,000	2,518	5,811	0	645,319
7	Interruptible Service (D)	80,773	227,161	0	0	0	34,985,928	1,107	4,595	0	35,299,564
8	Curtaillable Service (D)	0	8,400	0	0	0	2,186,856	0	0	0	2,195,256
9	Energy Management (Residential & Commercial) (D)	15,180,772	1,731,494	11,323	1,721,766	779,512	24,546,197	63,402	70,209	0	44,104,674
10	Low Income Weatherization Assistance Program (E)	0	128,953	0	2,100	32,500	182,260	500	8,500	0	354,813
11	Standby Generation (D)	8,175	355,643	158,400	0	0	3,933,996	7,285	6,194	0	4,469,693
12	Qualifying Facility (E)	0	1,178,868	3,000	4,800	0	0	4,500	20,000	0	1,211,168
13	Neighborhood Energy Saver (E)	0	188,374	0	272,573	84,435	2,430,265	2,120	16,600	0	2,994,366
14	Conservation Program Admin (E)	0	1,758,798	47,223	514,993	0	0	2,204	269,840	0	2,593,059
15	Conservation Program Admin (D)	0	1,027,861	27,598	300,968	0	0	1,288	157,698	0	1,515,413
16	Total ECCR Program Costs	\$15,286,609	\$13,935,442	\$526,742	\$5,077,175	\$1,850,419	\$75,375,025	\$291,328	\$793,520	\$0	\$113,136,259
17	Demand & Energy Summary										
18	Energy	\$16,889	\$10,584,883	\$329,421	\$3,054,441	\$1,070,907	\$9,722,048	\$218,245	\$554,824	\$0	\$25,551,658
19	Demand	15,269,720	3,350,559	197,321	2,022,734	779,512	65,652,977	73,083	238,696	0	87,584,601
20	Total Demand & Energy Costs	\$15,286,609	\$13,935,442	\$526,742	\$5,077,175	\$1,850,419	\$75,375,025	\$291,328	\$793,520	\$0	\$113,136,259

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

Line No.	Program Demand (D) or Energy (E)	Beginning Balance	Est Jan-19	Est Feb-19	Est Mar-19	Est Apr-19	Est May-19	Est Jun-19	Est Jul-19	Est Aug-19	Est Sep-19	Est Oct-19	Est Nov-19	Est 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	0	0	0	0
4	Depreciation Base		82,462	82,462	82,462	82,462	82,462	82,462	82,462	82,462	82,462	82,462	82,462	82,462	82,462
5															
6	Depreciation Expense		982	982	982	982	982	982	982	982	982	982	982	982	11,784
7															
8	Cumulative Investment	82,462	82,462	82,462	82,462	82,462	82,462	82,462	82,462	82,462	82,462	82,462	82,462	82,462	82,462
9	Less: Accumulated Depreciation	49,114	50,096	51,078	52,060	53,042	54,024	55,006	55,988	56,970	57,952	58,934	59,916	60,898	60,898
10	Net Investment	33,348	32,366	31,384	30,402	29,420	28,438	27,456	26,474	25,492	24,510	23,528	22,546	21,564	21,564
11	Average Investment		32,857	31,875	30,893	29,911	28,929	27,947	26,965	25,983	25,001	24,019	23,037	22,055	21,564
12	Return on Average Investment		175	169	165	159	154	149	144	138	133	128	122	117	1,753
13															
14	Return Requirements		215	208	203	195	189	183	177	170	164	157	150	144	2,155
15															
16	Program Total		\$1,197	\$1,190	\$1,185	\$1,177	\$1,171	\$1,165	\$1,159	\$1,152	\$1,146	\$1,139	\$1,132	\$1,126	\$13,939
17	Business Energy Check (E)														
18	Investments		\$0	\$0	\$0	\$0	\$0	\$0	\$25,000	\$0	\$0	\$0	\$0	\$0	\$25,000
19	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
20	Depreciation Base		0	0	0	0	0	0	0	25,000	25,000	25,000	25,000	25,000	25,000
21															
22	Depreciation Expense		0	0	0	0	0	0	0	417	417	417	417	417	2,085
23															
24	Cumulative Investment	0	0	0	0	0	0	0	25,000	25,000	25,000	25,000	25,000	25,000	25,000
25	Less: Accumulated Depreciation	0	0	0	0	0	0	0	0	417	834	1,251	1,668	2,085	2,085
26	Net Investment	0	0	0	0	0	0	0	25,000	24,583	24,166	23,749	23,332	22,915	22,915
27	Average Investment		0	0	0	0	0	0	12,500	24,792	24,375	23,958	23,541	23,124	23,124
28	Return on Average Investment		0	0	0	0	0	0	67	132	129	128	125	123	704
29															
30	Return Requirements		0	0	0	0	0	0	82	162	159	157	154	151	865
31															
32	Program Total		\$0	\$0	\$0	\$0	\$0	\$0	\$82	\$579	\$576	\$574	\$571	\$568	\$2,950
33	Interruptible Service (D)														
34	Investments		\$33,100	\$33,100	\$33,100	\$33,100	\$33,100	\$33,100	\$33,100	\$33,100	\$33,100	\$33,100	\$33,100	\$33,100	\$397,200
35	Retirements		0	7,153	0	0	0	0	0	0	0	0	0	0	7,153
36	Depreciation Base		125,673	155,197	184,720	217,820	250,920	284,020	317,120	350,220	383,320	416,420	449,520	482,620	482,620
37															
38	Depreciation Expense		2,095	2,587	3,079	3,630	4,182	4,734	5,285	5,837	6,389	6,940	7,492	8,044	60,294
39															
40	Cumulative Investment	125,673	158,773	184,720	217,820	250,920	284,020	317,120	350,220	383,320	416,420	449,520	482,620	515,720	515,720
41	Less: Accumulated Depreciation	39,435	41,530	36,964	40,043	43,673	47,855	52,589	57,874	63,711	70,100	77,040	84,532	92,576	92,576
42	Net Investment	86,238	117,243	147,756	177,777	207,247	236,165	264,531	292,346	319,609	346,320	372,480	398,088	423,144	423,144
43	Average Investment		101,741	132,500	162,767	192,512	221,706	250,348	278,439	305,978	332,965	359,400	385,284	410,616	410,616
44	Return on Average Investment		541	704	866	1,024	1,179	1,331	1,481	1,627	1,771	1,912	2,049	2,184	16,669
45															
46	Return Requirements		665	865	1,064	1,258	1,449	1,635	1,819	1,999	2,176	2,349	2,517	2,683	20,479
47															
48	Program Total		\$2,760	\$3,452	\$4,143	\$4,888	\$5,631	\$6,369	\$7,104	\$7,836	\$8,565	\$9,289	\$10,009	\$10,727	\$80,773
49	Standby Generation (D)														
50	Investments		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
51	Retirements		0	35,171	0	0	0	0	0	12,367	0	0	0	0	47,538
52	Depreciation Base		67,538	49,952	32,367	32,367	32,367	32,367	32,367	26,183	20,000	20,000	20,000	20,000	20,000
53															
54	Depreciation Expense		1,126	833	539	539	539	539	539	436	333	333	333	333	6,422
55															
56	Cumulative Investment	67,538	67,538	32,367	32,367	32,367	32,367	32,367	32,367	20,000	20,000	20,000	20,000	20,000	20,000
57	Less: Accumulated Depreciation	39,008	40,134	5,796	6,335	6,874	7,413	7,952	8,491	2,666	2,999	3,332	3,665	3,998	3,998
58	Net Investment	28,530	27,404	26,571	26,032	25,493	24,954	24,415	23,876	17,334	17,001	16,668	16,335	16,002	16,002
59	Average Investment		27,967	26,988	26,302	25,763	25,224	24,685	24,146	20,605	17,168	16,835	16,502	16,169	16,169
60	Return on Average Investment		149	144	140	137	134	131	128	110	91	89	88	86	1,427
61															
62	Return Requirements		183	177	172	168	165	161	157	135	112	109	108	106	1,753
63															
64	Program Total		\$1,309	\$1,010	\$711	\$707	\$704	\$700	\$696	\$571	\$445	\$442	\$441	\$439	\$8,175

Notes:

- 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 120007-EI.
- Return Requirements are calculated using a combined statutory tax rate of 25.345%.
- The WACC used for 2019 has been adjusted in compliance with paragraph 19 of DEF's Settlement Agreement in Docket No. 20170183-EI, Order No. PSC-2017-0451-AS-EU

Duke Energy Florida, LLC
Energy Conservation Cost Recovery
Program Costs
January - June 2018 Actuals
July - December 2018 Estimates

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	\$7,644	\$1,421,565	\$47,129	\$531,233	\$48,204	\$326,453	\$255,866	\$70,269	\$0	\$2,708,364
3	B. Estimated	7,380	1,380,000	51,000	510,000	54,000	350,000	234,000	66,000	0	2,652,380
4											
5	C. Total	\$15,024	\$2,801,565	\$98,129	\$1,041,233	\$102,204	\$676,453	\$489,866	\$136,269	\$0	\$5,360,744
6											
7	<u>Residential Incentive Program (E)</u>										
8	A. Actual	\$0	\$1,169,127	\$39,584	\$97,096	\$15,187	(\$9,028)	\$2,760,121	\$19,114	\$0	\$4,091,201
9	B. Estimated	0	1,164,000	40,500	93,000	14,500	32,500	2,460,000	18,000	0	3,822,500
10											
11	C. Total	\$0	\$2,333,127	\$80,084	\$190,096	\$29,687	\$23,472	\$5,220,121	\$37,114	\$0	\$7,913,701
12											
13	<u>Business Energy Check (E)</u>										
14	A. Actual	\$4,119	\$212,477	\$4,403	\$14,610	\$4,858	\$5,938	\$12,227	\$10,486	\$0	\$269,118
15	B. Estimated	0	211,800	4,000	15,000	600	9,200	12,227	12,000	0	264,827
16											
17	C. Total	\$4,119	\$424,277	\$8,403	\$29,610	\$5,458	\$15,138	\$24,454	\$22,486	\$0	\$533,945
18											
19	<u>Better Business (E)</u>										
20	A. Actual	\$0	\$613,732	\$5,846	\$62,083	\$2,662	\$18,913	\$810,019	\$13,610	\$0	\$1,526,864
21	B. Estimated	0	613,500	4,875	31,500	3,000	10,000	750,000	8,400	0	1,421,275
22											
23	C. Total	\$0	\$1,227,232	\$10,721	\$93,583	\$5,662	\$28,913	\$1,560,019	\$22,010	\$0	\$2,948,139
24											
25	<u>Technology Development (E)</u>										
26	A. Actual	\$0	\$132,723	\$3	\$2,181	\$12,712	\$0	\$0	\$6,022	\$0	\$153,641
27	B. Estimated	0	105,898	0	210,000	6,000	0	0	10,000	0	331,898
28											
29	C. Total	\$0	\$238,621	\$3	\$212,181	\$18,712	\$0	\$0	\$16,022	\$0	\$485,539
30											
31	<u>Florida Custom Incentive Program (E)</u>										
32	A. Actual	\$0	\$87,233	\$125	\$95,752	\$5,369	\$25,735	\$45,790	\$1,049	\$0	\$261,053
33	B. Estimated	0	60,000	210	51,536	120	12,000	120,000	1,200	0	245,066
34											
35	C. Total	\$0	\$147,233	\$335	\$147,288	\$5,489	\$37,735	\$165,790	\$2,249	\$0	\$506,119
36											
37	<u>Interruptible Service (D)</u>										
38	A. Actual	\$7,906	\$130,752	\$323	\$68	\$714	\$0	\$17,573,696	\$1,252	\$0	\$17,714,712
39	B. Estimated	12,169	150,813	1,500	0	600	0	17,964,714	2,221	0	18,132,018
40											
41	C. Total	\$20,075	\$281,565	\$1,823	\$68	\$1,314	\$0	\$35,538,410	\$3,473	\$0	\$35,846,729

Duke Energy Florida, LLC
Energy Conservation Cost Recovery
Program Costs
January - June 2018 Actuals
July - December 2018 Estimates

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	\$20,359	\$0	\$0	\$0	\$0	\$1,025,731	\$187	\$0	\$1,046,277
3	B. Estimated	0	20,455	0	0	0	0	968,994	0	0	989,449
4											
5	C. Total	\$0	\$40,814	\$0	\$0	\$0	\$0	\$1,994,725	\$187	\$0	\$2,035,726
6											
7	<u>Neighborhood Energy Saver (E)</u>										
8	A. Actual	\$0	\$107,136	\$638	\$158,602	\$889	\$56,517	\$1,042,542	\$15,653	\$0	\$1,381,977
9	B. Estimated	0	107,400	250	174,000	0	18,000	1,526,000	7,500	0	1,833,150
10											
11	C. Total	\$0	\$214,536	\$888	\$332,602	\$889	\$74,517	\$2,568,542	\$23,153	\$0	\$3,215,127
12											
13	<u>Energy Management (Residential & Commercial) (D)</u>										
14	A. Actual	\$6,368,265	\$948,581	\$29,987	\$1,027,161	\$67,564	\$482,556	\$12,171,819	\$31,852	\$0	\$21,127,785
15	B. Estimated	6,863,521	929,989	40,791	600,000	5,276	487,278	12,362,522	30,119	0	21,319,495
16											
17	C. Total	\$13,231,786	\$1,878,570	\$70,778	\$1,627,161	\$72,840	\$969,833	\$24,534,341	\$61,971	\$0	\$42,447,280
18											
19	<u>Low Income Weatherization Assistance Program (E)</u>										
20	A. Actual	\$0	\$66,605	\$0	\$1,139	\$0	\$16,000	\$62,546	\$5,556	\$0	\$151,846
21	B. Estimated	0	66,600	0	1,140	0	18,000	74,000	5,500	0	165,240
22											
23	C. Total	\$0	\$133,205	\$0	\$2,279	\$0	\$34,000	\$136,546	\$11,056	\$0	\$317,086
24											
25	<u>Standby Generation (D)</u>										
26	A. Actual	\$7,248	\$163,823	\$2,686	\$1,891	\$12,456	\$0	\$1,909,711	\$1,098	\$0	\$2,098,912
27	B. Estimated	5,269	159,967	4,008	3,600	112,500	0	2,027,376	4,770	0	2,317,489
28											
29	C. Total	\$12,517	\$323,789	\$6,694	\$5,491	\$124,956	\$0	\$3,937,087	\$5,868	\$0	\$4,416,401
30											
31	<u>Qualifying Facility (E)</u>										
32	A. Actual	\$0	\$569,092	\$1,088	\$0	\$48	\$0	\$0	\$15,474	\$0	\$585,701
33	B. Estimated	0	594,000	2,760	30,000	155	0	0	14,100	0	641,015
34											
35	C. Total	\$0	\$1,163,092	\$3,848	\$30,000	\$203	\$0	\$0	\$29,574	\$0	\$1,226,716
36											
37	<u>Conservation Program Admin (E)</u>										
38	A. Actual	\$0	\$1,260,688	\$792	\$388,823	\$48,386	\$0	\$0	\$199,551	\$0	\$1,898,240
39	B. Estimated	0	1,326,000	4,800	240,000	21,000	0	0	240,000	0	1,831,800
40											
41	C. Total	\$0	\$2,586,688	\$5,592	\$628,823	\$69,386	\$0	\$0	\$439,551	\$0	\$3,730,040
42	ECCR Program Costs	\$13,283,521	\$13,794,314	\$287,298	\$4,340,416	\$436,800	\$1,860,062	\$76,169,900	\$810,982	\$0	\$110,983,292

Duke Energy Florida, LLC
 Energy Conservation Cost Recovery
 Schedule of Capital Investment, Depreciation & Return
 January - June 2018 Actuals
 July - December 2018 Estimates

FPSC Docket No. 20180002-EG
 Duke Energy Florida, LLC
 Witness: Lori J. Cross
 Exhibit No. (LJC-1P)
 Schedule C-3
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Line No.	Program Demand (D) or Energy (E)	Beginning Balance	Act Jan-18	Act Feb-18	Act Mar-18	Act Apr-18	Act May-18	Act Jun-18	Est Jul-18	Est Aug-18	Est Sep-18	Est Oct-18	Est Nov-18	Est Dec-18	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	0	0	0	0
4	Depreciation Base		82,462	82,462	82,462	82,462	82,462	82,462	82,462	82,462	82,462	82,462	82,462	82,462	
5															
6	Depreciation Expense		982	982	982	982	982	982	982	982	982	982	982	982	11,784
7															
8	Cumulative Investment	82,462	82,462	82,462	82,462	82,462	82,462	82,462	82,462	82,462	82,462	82,462	82,462	82,462	82,462
9	Less: Accumulated Depreciation	37,330	38,312	39,294	40,276	41,258	42,240	43,222	44,204	45,186	46,168	47,150	48,132	49,114	49,114
10	Net Investment	45,132	44,150	43,168	42,186	41,204	40,222	39,240	38,258	37,276	36,294	35,312	34,330	33,348	33,348
11	Average Investment		44,641	43,659	42,677	41,695	40,713	39,731	38,749	37,767	36,785	35,803	34,821	33,839	
12	Return on Average Investment		250	244	239	233	227	223	214	208	203	198	192	186	2,617
13															
14	Return Requirements		309	302	296	288	281	276	265	258	252	245	238	230	3,240
15															
16	Program Total		\$1,291	\$1,284	\$1,278	\$1,270	\$1,263	\$1,258	\$1,247	\$1,240	\$1,234	\$1,227	\$1,220	\$1,212	\$15,024
17	Business Energy Check (E)														
18	Investments		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
19	Retirements		0	0	0	69,415	0	0	0	0	0	0	0	0	69,415
20	Depreciation Base		69,415	69,415	69,415	34,707	0	0	0	0	0	0	0	0	
21															
22	Depreciation Expense		1,157	1,157	1,157	596	0	0	0	0	0	0	0	0	4,067
23															
24	Cumulative Investment	69,415	69,415	69,415	69,415	0	0	0	0	0	0	0	0	0	0
25	Less: Accumulated Depreciation	65,348	66,505	67,662	68,819	0	0	0	0	0	0	0	0	0	0
26	Net Investment	4,067	2,910	1,753	596	0.00	0	0	0	0	0	0	0	0	0
27	Average Investment		3,488	2,331	1,174	298	0	0	0	0	0	0	0	0	
28	Return on Average Investment		20	13	7	2	0	0	0	0	0	0	0	0	42
29															
30	Return Requirements		25	16	9	2	0	0	0	0	0	0	0	0	52
31															
32	Program Total		\$1,182	\$1,173	\$1,166	\$598	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$4,119
33	Standby Generation (D)														
34	Investments		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$20,000	\$20,000
35	Retirements		0	0	43,836	0	0	0	0	0	0	0	0	0	43,836
36	Depreciation Base		91,374	91,374	69,456	47,538	47,538	47,538	47,538	47,538	47,538	47,538	47,538	47,538	
37															
38	Depreciation Expense		1,523	1,523	1,158	792	792	792	792	792	792	792	792	792	11,332
39															
40	Cumulative Investment	91,374	91,374	91,374	47,538	47,538	47,538	47,538	47,538	47,538	47,538	47,538	47,538	67,538	67,538
41	Less: Accumulated Depreciation	71,512	73,035	74,558	31,880	32,672	33,464	34,256	35,048	35,840	36,632	37,424	38,216	39,008	39,008
42	Net Investment	19,862	18,339	16,816	15,658	14,866	14,074	13,282	12,490	11,698	10,906	10,114	9,322	8,530	28,530
43	Average Investment		19,101	17,578	16,237	15,262	14,470	13,678	12,886	12,094	11,302	10,510	9,718	8,926	
44	Return on Average Investment		107	99	91	86	81	77	71	67	63	58	54	104	958
45															
46	Return Requirements		132	122	113	106	100	95	88	83	78	72	67	129	1,185
47															
48	Program Total		\$1,655	\$1,645	\$1,271	\$898	\$892	\$887	\$880	\$875	\$870	\$864	\$859	\$921	\$12,517

Notes:
 - Jan - Jun return on average investment is calculated using an annual rate of 6.71% based on May 2017 DEF Surveillance Report capital structure & costs rates. See Stipulation & Settlement Agreement in Order No. PSC-12-0425-PAA-EU, Docket 120007-EI.
 - Jul - Dec return on average investment is calculated using an annual rate of 6.62% based on May 2018 DEF Surveillance Report capital structure & costs rates. See Stipulation & Settlement Agreement in Order No. PSC-12-0425-PAA-EU, Docket 120007-EI.
 - Return Requirements are calculated using a combined statutory tax rate of 25.345%.

Duke Energy Florida, LLC
Energy Conservation Cost Recovery
Schedule of Capital Investment, Depreciation & Return
January - June 2018 Actuals
July - December 2018 Estimates

FPSC Docket No. 20180002-EG
Duke Energy Florida, LLC
Witness: Lori J. Cross
Exhibit No. (LJC-1P)
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Line No.	Program Demand (D) or Energy (E)	Beginning Balance	Act Jan-18	Act Feb-18	Act Mar-18	Act Apr-18	Act May-18	Act Jun-18	Est Jul-18	Est Aug-18	Est Sep-18	Est Oct-18	Est Nov-18	Est Dec-18	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
3	Retirements		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
5	Closings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
6	Depreciation Base		17,899,036	17,899,036	17,899,036	17,899,036	17,899,036	17,899,036	17,899,036	17,899,036	17,899,036	17,899,036	17,899,036	17,899,036	
7															
8	Depreciation Expense		298,323	298,323	298,323	298,323	298,323	298,323	298,323	298,323	298,323	298,323	298,323	298,323	3,579,876
9															
10	Cumulative Plant Investment	17,899,036	17,899,036	17,899,036	17,899,036	17,899,036	17,899,036	17,899,036	17,899,036	17,899,036	17,899,036	17,899,036	17,899,036	17,899,036	17,899,036
11	Less: Accumulated Depreciation	9,738,455	10,036,778	10,335,101	10,633,424	10,931,747	11,230,070	11,528,393	11,826,716	12,125,039	12,423,362	12,721,685	13,020,008	13,318,331	13,318,331
12	Cumulative CWIP Investment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	Net Plant Investment	8,160,581	7,862,258	7,563,935	7,265,612	6,967,289	6,668,966	6,370,643	6,072,320	5,773,997	5,475,674	5,177,351	4,879,028	4,580,705	4,580,705
14	Average Investment		8,011,420	7,713,097	7,414,774	7,116,451	6,818,128	6,519,805	6,221,482	5,923,159	5,624,836	5,326,513	5,028,190	4,729,867	
15	Return on Average Investment		44,827	43,157	41,487	39,819	38,149	36,481	34,313	32,668	31,022	29,376	27,731	26,086	425,116
16															
17	Return Requirements		55,473	53,406	51,339	49,275	47,209	45,145	42,499	40,461	38,422	36,384	34,346	32,309	526,268
18															
19	Program Total		\$353,796	\$351,729	\$349,662	\$347,598	\$345,532	\$343,468	\$340,822	\$338,784	\$336,745	\$334,707	\$332,669	\$330,632	\$4,106,144
20	Residential Energy Management - SmartGrid AMI Meters (D)														
21	Expenditures Booked Directly to Plant		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
22	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
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	Depreciation Base		0	0	0	0	0	0	0	0	0	0	0	0	0
26															
27	Depreciation Expense		0	0	0	0	0	0	0	0	0	0	0	0	0
28															
29	Cumulative Plant Investment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	Less: Accumulated Depreciation	0	0	0	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	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33	Average Investment		0	0	0	0	0	0	0	0	0	0	0	0	0
34	Return on Average Investment		0	0	0	0	0	0	0	0	0	0	0	0	0
35															
36	Return Requirements		0	0	0	0	0	0	0	0	0	0	0	0	0
37															
38	Program Total		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
39	Residential Energy Management - Non-SmartGrid Residential Projects (D)														
40	Expenditures Booked Directly to Plant		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
41	Retirements		0	0	33,526	0	0	0	0	0	0	0	0	0	33,526
42	Investments Booked to CWIP		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
44	Depreciation Base		33,526	33,526	16,763	0	0	0	0	0	0	0	0	0	0
45															
46	Depreciation Expense		559	559	2,183	0	0	0	0	0	0	0	0	0	3,301
47															
48	Cumulative Plant Investment	33,526	33,526	33,526	0	0	0	0	0	0	0	0	0	0	0
49	Less: Accumulated Depreciation	30,225	30,784	31,343	0	0	0	0	0	0	0	0	0	0	0
50	Cumulative CWIP Investment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
51	Net Plant Investment	3,301	2,742	2,183	0	0	0	0	0	0	0	0	0	0	0
52	Average Investment		3,022	2,463	1,092	0	0	0	0	0	0	0	0	0	0
53	Return on Average Investment		17	14	6	0	0	0	0	0	0	0	0	0	37
54															
55	Return Requirements		21	17	7	0	0	0	0	0	0	0	0	0	45
56															
57	Program Total		\$580	\$576	\$2,190	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,346

Notes:

- Jan - Jun return on average investment is calculated using an annual rate of 6.71% based on May 2017 DEF Surveillance Report capital structure & costs rates. See Stipulation & Settlement Agreement in Order No. PSC-12-0425-PAA-EU, Docket 120007-EI.
- Jul - Dec return on average investment is calculated using an annual rate of 6.62% based on May 2018 DEF Surveillance Report capital structure & costs rates. See Stipulation & Settlement Agreement in Order No. PSC-12-0425-PAA-EU, Docket 120007-EI.
- Return Requirements are calculated using a combined statutory tax rate of 25.345%.

Duke Energy Florida, LLC
Energy Conservation Cost Recovery
Schedule of Capital Investment, Depreciation & Return
January - June 2018 Actuals
July - December 2018 Estimates

Line No.	Program Demand (D) or Energy (E)	Beginning Balance	Act Jan 18	Act Feb 18	Act Mar 18	Act Apr 18	Act May 18	Act Jun 18	Est Jul 18	Est Aug 18	Est Sep 18	Est Oct 18	Est Nov 18	Est Dec 18	Total
1	Residential Energy Management - Load Management Switches (D)														
2	Expenditures Booked Directly to Plant		\$791,351	\$611,611	\$903,634	\$983,421	\$611,854	\$1,067,446	\$916,175	\$916,175	\$916,175	\$916,175	\$916,175	\$916,175	\$10,466,367
3	Retirements		45,307	27,438	28,990	22,550	28,922	23,246	12,183	17,719	39,975	31,979	20,040	14,694	313,043
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	Amortization Base		24,211,300	24,966,279	25,549,675	26,427,539	27,385,224	27,970,994	29,020,725	29,921,949	30,809,277	31,689,475	32,579,641	33,478,449	
7															
8	Amortization Expense		403,530	416,113	425,836	440,468	456,430	466,193	483,688	498,709	513,498	528,168	543,005	557,985	5,733,623
9															
10	Cumulative Plant Investment	24,233,953	24,979,998	25,564,171	26,438,814	27,399,685	27,982,617	29,026,817	29,930,808	30,829,265	31,705,464	32,589,661	33,485,796	34,387,277	34,387,277
11	Less: Accumulated Depreciation	7,265,070	7,623,293	8,011,968	8,408,814	8,826,731	9,254,239	9,697,187	10,168,691	10,649,682	11,123,204	11,619,393	12,142,359	12,685,650	12,685,650
12	Cumulative CWIP Investment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	Net Plant Investment	16,968,883	17,356,704	17,552,202	18,030,000	18,572,953	18,728,378	19,329,630	19,762,117	20,179,583	20,582,260	20,970,267	21,343,437	21,701,627	21,701,627
14	Average Investment		17,162,794	17,454,453	17,791,101	18,301,477	18,650,665	19,029,004	19,545,874	19,970,850	20,380,922	20,776,264	21,156,852	21,522,532	
15	Return on Average Investment		96,031	97,663	99,546	102,402	104,356	106,473	107,799	110,143	112,405	114,585	116,684	118,701	1,286,788
16															
17	Return Requirements		118,837	120,856	123,186	126,721	129,139	131,759	133,515	136,418	139,220	141,920	144,520	147,018	1,593,109
18															
19	Program Total		\$522,367	\$536,969	\$549,022	\$567,189	\$585,569	\$597,952	\$617,203	\$635,127	\$652,718	\$670,088	\$687,525	\$705,003	\$7,326,732
20	Summary of Demand & Energy														
21	Energy		\$2,473	\$2,457	\$2,444	\$1,868	\$1,263	\$1,258	\$1,247	\$1,240	\$1,234	\$1,227	\$1,220	\$1,212	\$19,143
22	Demand		1,034,205	1,045,869	1,056,235	1,068,916	1,084,368	1,093,826	1,109,205	1,124,239	1,139,153	1,154,877	1,169,417	1,184,068	13,264,378
23	Total Return & Depreciation		\$1,036,678	\$1,048,326	\$1,058,679	\$1,070,784	\$1,085,631	\$1,095,084	\$1,110,452	\$1,125,479	\$1,140,387	\$1,156,104	\$1,170,637	\$1,185,280	\$13,283,521

Notes:

- Jan - Jun return on average investment is calculated using an annual rate of 6.71% based on May 2017 DEF Surveillance Report capital structure & costs rates. See Stipulation & Settlement Agreement in Order No. PSC-12-0425-PAA-EU, Docket 120007-EI.
- Jul - Dec return on average investment is calculated using an annual rate of 6.62% based on May 2018 DEF Surveillance Report capital structure & costs rates. See Stipulation & Settlement Agreement in Order No. PSC-12-0425-PAA-EU, Docket 120007-EI.
- Return Requirements are calculated using a combined statutory tax rate of 25.345%.

Duke Energy Florida, LLC
 Energy Conservation Cost Recovery
 Calculation of Interest Provision
 January 2018 - December 2018

Line No.	Act Jan-18	Act Feb-18	Act Mar-18	Act Apr-18	Act May-18	Act Jun-18	Est Jul-18	Est Aug-18	Est Sep-18	Est Oct-18	Est Nov-18	Est Dec-18	Total
1 Beginning True-Up Amount (C3, Page 8, Lines 7 & 8)	(\$5,894,546)	(\$5,215,291)	(\$4,434,323)	(\$3,376,991)	(\$2,875,705)	(\$2,620,334)	(\$2,817,302)	(\$4,667,247)	(\$7,002,365)	(\$9,070,072)	(\$10,011,448)	(\$9,320,702)	
2 Ending True-Up Amount Before Interest (C3, Page 8, Lines 5,7-10)	(5,208,259)	(4,428,135)	(3,371,332)	(2,870,876)	(2,616,089)	(2,812,955)	(4,661,077)	(6,992,746)	(9,056,823)	(9,995,719)	(9,304,766)	(8,300,242)	
3 Total Beginning & Ending True-Up (Line 1 + Line 2)	(11,102,805)	(9,643,426)	(7,805,654)	(6,247,867)	(5,491,794)	(5,433,290)	(7,478,379)	(11,659,993)	(16,059,188)	(19,065,791)	(19,316,214)	(17,620,944)	
4 Average True-Up Amount (50% of Line 3)	(5,551,403)	(4,821,713)	(3,902,827)	(3,123,933)	(2,745,897)	(2,716,645)	(3,739,190)	(5,829,996)	(8,029,594)	(9,532,896)	(9,658,107)	(8,810,472)	
5 Interest Rate: First Day Reporting Business Month	1.58%	1.46%	1.62%	1.86%	1.85%	1.86%	1.98%	1.98%	1.98%	1.98%	1.98%	1.98%	1.98%
6 Interest Rate: First Day Subsequent Business Month	1.46%	1.62%	1.86%	1.85%	1.86%	1.98%	1.98%	1.98%	1.98%	1.98%	1.98%	1.98%	1.98%
7 Total (Line 5 & Line 6) (Line 5 + Line 6)	3.04%	3.08%	3.48%	3.71%	3.71%	3.84%	3.96%	3.96%	3.96%	3.96%	3.96%	3.96%	3.96%
8 Average Interest Rate (50% of Line 7)	1.520%	1.540%	1.740%	1.855%	1.855%	1.920%	1.980%	1.980%	1.980%	1.980%	1.980%	1.980%	1.980%
9 Interest Provision (Line 4 * Line 8) / 12	(\$7,032)	(\$6,188)	(\$5,659)	(\$4,829)	(\$4,245)	(\$4,347)	(\$6,170)	(\$9,619)	(\$13,249)	(\$15,729)	(\$15,936)	(\$14,537)	(\$107,540)

Duke Energy Florida, LLC
 Energy Conservation Cost Recovery
 Energy Conservation Adjustment
 Calculation of True-Up
 January 2018 - December 2018

Line No.	Act Jan-18	Act Feb-18	Act Mar-18	Act Apr-18	Act May-18	Act Jun-18	Est Jul-18	Est Aug-18	Est Sep-18	Est Oct-18	Est Nov-18	Est Dec-18	Total
1	\$8,332,326	\$8,855,241	\$8,443,318	\$8,027,967	\$8,322,867	\$9,924,426	\$11,134,104	\$11,630,855	\$11,374,722	\$10,261,628	\$8,643,832	\$8,344,698	\$113,295,985
2	491,212	491,212	491,212	491,212	491,212	491,212	491,212	491,212	491,212	491,212	491,212	491,212	5,894,544
3	8,823,538	9,346,453	8,934,530	8,519,179	8,814,079	10,415,638	11,625,316	12,122,067	11,865,934	10,752,840	9,135,044	8,835,910	119,190,529
4	9,018,614	9,642,397	9,506,310	8,534,082	8,582,483	9,731,805	9,290,329	9,305,356	9,320,264	9,335,981	9,350,514	9,365,157	110,983,292
5	195,076	295,944	571,779	14,903	(231,596)	(683,833)	(2,334,987)	(2,816,711)	(2,545,670)	(1,416,859)	215,470	529,248	(8,207,237)
6	(7,032)	(6,188)	(5,659)	(4,829)	(4,245)	(4,347)	(6,170)	(9,619)	(13,249)	(15,729)	(15,936)	(14,537)	(107,540)
7	0	0	0	0	0	0	0	0	0	0	0	0	0
8	(5,894,546)	(5,215,291)	(4,434,323)	(3,376,991)	(2,875,705)	(2,620,334)	(2,817,302)	(4,667,247)	(7,002,365)	(9,070,072)	(10,011,448)	(9,320,702)	(5,894,546)
9	0	0	0	0	0	0	0	0	0	0	0	0	0
10	491,212	491,212	491,212	491,212	491,212	491,212	491,212	491,212	491,212	491,212	491,212	491,212	5,894,544
11	(\$5,215,291)	(\$4,434,323)	(\$3,376,991)	(\$2,875,705)	(\$2,620,334)	(\$2,817,302)	(\$4,667,247)	(\$7,002,365)	(\$9,070,072)	(\$10,011,448)	(\$9,320,702)	(\$8,314,779)	(\$8,314,779)

Duke Energy Florida, LLC
 Energy Conservation Cost Recovery
 Calculation of ECCR Revenues
 January 2019 - December 2019

Line No.	Month	Jurisdictional mWh Sales	ECCR Revenue Net of Revenue Taxes
1	January	2,910,658	\$7,829,801
2	February	2,865,578	7,669,191
3	March	2,726,453	7,249,529
4	April	2,827,964	7,443,420
5	May	3,072,144	8,052,573
6	June	3,633,132	9,647,403
7	July	3,867,657	10,319,234
8	August	3,885,511	10,364,074
9	September	3,970,304	10,592,430
10	October	3,614,731	9,590,583
11	November	3,056,719	8,055,702
12	December	2,865,582	7,644,713
13	Total	39,296,432	\$104,458,654

**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	\$4,711,485,475	44.73%	10.50%	4.70%	6.29%
LTD	3,931,532,102	37.33%	5.29%	1.97%	1.97%
STD	102,874,989	0.98%	0.21%	0.00%	0.00%
CD-Active	191,024,808	1.81%	2.26%	0.04%	0.04%
CD-Inactive	1,455,315	0.01%	0.00%	0.00%	0.00%
Deferred Tax	1,772,932,910	16.83%	0.00%	0.00%	0.00%
FAS 109	(180,390,549)	-1.71%	0.00%	0.00%	0.00%
ITC	1,967,889	0.02%	0.00%	0.00%	0.00%
Total	\$10,532,882,939	100%		6.71%	8.31%
			Total Debt	2.018%	2.018%
			Total Equity	4.697%	6.291%

May 2017 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 January 2018 - June 2018

Class of Capital	Retail Amount	Ratio	Cost Rate	Weighted Cost Rate	PreTax Weighted Cost Rate
CE	\$5,022,459,234	44.29%	10.50%	4.65%	6.23%
LTD	4,497,051,945	39.66%	4.90%	1.94%	1.94%
STD	(193,058,184)	-1.70%	0.88%	-0.01%	-0.01%
CD-Active	179,648,841	1.58%	2.35%	0.04%	0.04%
CD-Inactive	1,597,098	0.01%	0.00%	0.00%	0.00%
Deferred Tax	1,826,908,909	16.11%	0.00%	0.00%	0.00%
ITC	5,239,408	0.05%	7.85%	0.00%	0.00%
Total	\$11,339,847,250	100.00%		6.62%	8.20%
			Total Debt	1.968%	1.968%
			Total Equity	4.651%	6.229%

May 2018 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 2018 - December 2018

Class of Capital	Retail Amount	Ratio	Cost Rate	Weighted Cost Rate	PreTax Weighted Cost Rate
CE	\$ 4,374,787,363	40.92%	10.50%	4.30%	5.75%
LTD	4,497,051,945	42.06%	4.90%	2.06%	2.06%
STD	(193,058,184)	-1.81%	0.94%	-0.02%	-0.02%
CD-Active	179,648,841	1.68%	2.35%	0.04%	0.04%
CD-Inactive	1,597,098	0.01%	0.00%	0.00%	0.00%
Deferred Tax	1,826,908,909	17.09%	0.00%	0.00%	0.00%
ITC	5,239,408	0.05%	7.85%	0.00%	0.00%
Total	\$ 10,692,175,379	100.00%		6.38%	7.84%
			Total Debt	2.086%	2.086%
			Total Equity	4.296%	5.755%

May 2018 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 9 of the RRSSA
Used to Calculate January 2019 - December 2019

