



# 2018

## Regional Load & Resource Plan

### FRCC-MS-PL-191

### Version: 1

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Classification: Public

<b>FRCC-MS-PL-191</b>	<b>2018 Regional Load &amp; Resource Plan</b>	<b>Version 1</b>
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The original signatures are maintained on file.

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**FLORIDA RELIABILITY COORDINATING COUNCIL  
2018  
REGIONAL LOAD & RESOURCE PLAN  
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## **Introduction**

### **FRCC Regional Load & Resource Plan**

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

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

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

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

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

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

**FLORIDA RELIABILITY COORDINATING COUNCIL**

**2018**

**REGIONAL LOAD & RESOURCE PLAN**

**2018  
LOAD AND RESOURCE PLAN  
FLORIDA RELIABILITY COORDINATING COUNCIL  
HISTORY AND FORECAST**

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
SUMMER PEAK DEMAND (MW)					WINTER PEAK DEMAND (MW)					ENERGY		
ACTUAL					ACTUAL					NET		
PEAK					PEAK					ENERGY		
DEMAND					DEMAND					FOR LOAD		
(MW)					(MW)					(GWH)		
YEAR					YEAR					YEAR		
2008	44,706				2008 / 09	45,590				2008	226,852	57.9%
2009	46,260				2009 / 10	51,767				2009	225,964	55.8%
2010	45,564				2010 / 11	45,876				2010	233,158	51.4%
2011	44,777				2011 / 12	38,318				2011	223,875	55.7%
2012	43,946				2012 / 13	36,733				2012	220,875	57.4%
2013	44,549				2013 / 14	38,842				2013	221,564	56.8%
2014	45,794				2014 / 15	42,597				2014	224,724	56.0%
2015	45,716				2015 / 16	37,881				2015	234,434	58.5%
2016	47,660				2016 / 17	36,309				2016	232,519	55.7%
2017	46,626				2017 / 18	44,097				2017	232,395	56.9%

YEAR	TOTAL PEAK DEMAND (MW)	INTER- RUPTIBLE LOAD (MW)	LOAD MANAGE- MENT (MW)	NET FIRM PEAK DEMAND (MW)	YEAR	TOTAL PEAK DEMAND (MW)	INTER- RUPTIBLE LOAD (MW)	LOAD MANAGE- MENT (MW)	NET FIRM PEAK DEMAND (MW)	YEAR	NET ENERGY FOR LOAD (GWH)	LOAD FACTOR (%)
2018	47,505	528	2,429	44,548	2018 / 19	44,190	498	2,477	41,215	2018	232,135	55.8%
2019	48,264	546	2,501	45,217	2019 / 20	44,667	526	2,527	41,614	2019	234,700	55.5%
2020	48,739	576	2,555	45,608	2020 / 21	45,292	522	2,565	42,205	2020	236,779	55.5%
2021	49,340	575	2,595	46,170	2021 / 22	45,781	518	2,595	42,668	2021	238,483	55.2%
2022	49,852	573	2,626	46,653	2022 / 23	46,262	517	2,625	43,120	2022	240,380	55.0%
2023	50,374	573	2,657	47,144	2023 / 24	46,814	523	2,655	43,636	2023	241,710	54.8%
2024	51,016	576	2,687	47,753	2024 / 25	47,247	524	2,686	44,037	2024	244,035	54.6%
2025	51,585	576	2,719	48,290	2025 / 26	47,829	508	2,716	44,605	2025	245,769	54.4%
2026	52,205	559	2,749	48,897	2026 / 27	48,375	502	2,747	45,126	2026	247,849	54.2%
2027	52,842	556	2,778	49,508	2027 / 28	48,931	500	2,776	45,655	2027	250,053	54.0%

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

**2018**  
**LOAD AND RESOURCE PLAN**  
**FLORIDA RELIABILITY COORDINATING COUNCIL**  
**FRCC Form 4.0**  
**HISTORY AND FORECAST OF ENERGY CONSUMPTION AND**  
**NUMBER OF CUSTOMERS BY CUSTOMER CLASS**  
**AS OF JANUARY 1, 2018**

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
YEAR	RURAL & RESIDENTIAL			COMMERCIAL			INDUSTRIAL			STREET & HIGHWAY LIGHTING	OTHER SALES	TOTAL SALES	WHOLESALE PURCHASES FOR RESALE	WHOLESALE SALES FOR RESALE	UTILITY USE & LOSSES	AGGREGATION ADJUSTMENT	NET ENERGY FOR LOAD
	GWH	AVERAGE NO. OF CUSTOMERS	AVG. KWH CONSUMPTION PER CUST.	GWH	AVERAGE NO. OF CUSTOMERS	AVG. KWH CONSUMPTION PER CUST.	GWH	AVERAGE NO. OF CUSTOMERS	AVG. KWH CONSUMPTION PER CUST.								
2008	107,076	7,976,527	13,424	78,243	982,682	79,622	20,408	29,845	683,800	806	5,385	211,918	0	9,596	13,171	-7,833	226,852
2009	108,089	7,963,401	13,573	76,978	979,643	78,578	19,084	27,347	697,846	814	5,382	210,347	0	6,325	13,722	-4,430	225,964
2010	113,220	7,949,627	14,242	76,174	977,541	77,924	19,030	26,772	710,817	832	5,365	214,621	0	7,497	15,959	-4,919	233,158
2011	108,105	7,986,541	13,536	76,410	984,046	77,649	18,744	26,911	696,518	825	5,340	209,424	0	6,736	11,716	-4,001	223,875
2012	104,109	8,040,087	12,949	77,046	994,125	77,501	17,891	25,712	695,823	820	5,351	205,217	0	6,229	12,878	-3,449	220,875
2013	105,038	8,133,269	12,915	79,473	1,006,868	78,931	15,347	20,451	750,428	814	5,297	205,969	0	5,755	12,755	-2,915	221,564
2014	106,463	8,145,799	13,070	79,488	1,013,907	78,398	15,374	21,399	718,445	802	5,444	207,571	0	9,201	11,762	-3,810	224,724
2015	112,373	8,274,599	13,580	82,098	1,022,399	80,299	15,557	22,457	692,746	832	5,736	216,596	0	10,576	12,407	-5,145	234,434
2016	113,305	8,400,713	13,488	82,399	1,037,365	79,431	15,418	22,907	673,069	823	5,718	217,663	0	11,033	10,789	-6,966	232,519
2017	111,510	8,512,941	13,099	81,867	1,050,362	77,942	15,344	22,739	674,788	727	5,714	215,162	0	10,978	11,648	-5,393	232,395
2008-2017																	
% AAGR	0.45%			0.50%			-3.12%										0.27%
2018	111,771	8,643,038	12,932	81,710	1,064,322	76,772	15,610	23,252	671,340	718	5,767	215,576	0	9,162	11,869	-4,472	232,135
2019	113,026	8,767,817	12,891	82,630	1,077,343	76,698	15,784	24,140	653,853	714	5,772	217,926	0	8,333	12,063	-3,622	234,700
2020	114,148	8,892,305	12,837	83,275	1,089,354	76,444	16,056	24,893	645,001	712	5,782	219,973	0	8,418	12,086	-3,698	236,779
2021	115,162	9,015,492	12,774	83,758	1,100,788	76,089	16,212	25,529	635,043	712	5,806	221,650	0	8,025	12,014	-3,206	238,483
2022	116,244	9,137,158	12,722	84,282	1,112,463	75,762	16,273	26,062	624,396	712	5,835	223,346	0	7,914	12,106	-2,986	240,380
2023	117,327	9,258,573	12,672	84,639	1,123,959	75,304	16,307	26,462	616,242	713	5,868	224,854	0	7,704	12,172	-3,020	241,710
2024	118,579	9,379,046	12,643	85,197	1,134,856	75,073	16,440	26,773	614,051	713	5,899	226,828	0	7,815	12,458	-3,066	244,035
2025	119,895	9,497,614	12,624	85,760	1,145,450	74,870	16,549	26,987	613,221	712	5,933	228,849	0	7,777	12,250	-3,107	245,769
2026	121,023	9,614,207	12,588	86,279	1,155,818	74,648	16,493	27,149	607,499	714	5,964	230,473	0	7,882	12,647	-3,153	247,849
2027	122,317	9,729,045	12,572	86,878	1,165,904	74,516	16,606	27,269	608,970	715	5,999	232,515	0	7,996	12,738	-3,196	250,053
2018-2027																	
% AAGR	1.01%			0.68%			0.69%										0.83%

**2018  
LOAD AND RESOURCE PLAN  
FLORIDA RELIABILITY COORDINATING COUNCIL**

**FRCC Form 5.0  
HISTORY AND FORECAST OF SUMMER PEAK DEMAND (MW)  
AS OF JANUARY 1, 2018**

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
							[(2)+(3)+(4)+(5)+(6)+(7)+(8)]	
YEAR	SUMMER NET FIRM PEAK DEMAND	DEMAND REDUCTION			SELF-SERVED GENERATION	CUMULATIVE CONSERVATION		SUMMER TOTAL DEMAND
		INTERRUPTIBLE LOAD	RESIDENTIAL LOAD MANAGEMENT	COMM./IND. LOAD MANAGEMENT		RESIDENTIAL	COMM./IND.	
2016	47,660	0	56	0	238	2,233	1,358	51,545
2017	46,626	0	54	0	251	2,254	1,382	50,567
2018	44,548	528	1,340	1,089	441	2,305	1,404	51,655
2019	45,217	546	1,364	1,137	440	2,352	1,429	52,485
2020	45,608	576	1,381	1,174	441	2,395	1,454	53,029
2021	46,170	575	1,398	1,197	441	2,436	1,478	53,695
2022	46,653	573	1,413	1,213	441	2,474	1,500	54,267
2023	47,144	573	1,427	1,230	441	2,512	1,523	54,850
2024	47,753	576	1,441	1,246	441	2,549	1,546	55,552
2025	48,290	576	1,456	1,263	440	2,587	1,567	56,179
2026	48,897	559	1,470	1,279	440	2,623	1,589	56,857
2027	49,508	556	1,484	1,294	440	2,659	1,611	57,552
CAAGR (%):	1.18%							



**2018  
LOAD AND RESOURCE PLAN  
FLORIDA RELIABILITY COORDINATING COUNCIL**

**FRCC Form 6.0  
HISTORY AND FORECAST OF WINTER PEAK DEMAND (MW)  
AS OF JANUARY 1, 2018**

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
							[(2)+(3)+(4)+(5)+(6)+(7)+(8)]	
YEAR	WINTER NET FIRM PEAK DEMAND	DEMAND REDUCTION			SELF-SERVED GENERATION	CUMULATIVE CONSERVATION		WINTER TOTAL DEMAND
		INTERRUPTIBLE LOAD	RESIDENTIAL LOAD MANAGEMENT	COMM./IND. LOAD MANAGEMENT		RESIDENTIAL	COMM./IND.	
2016/17	36,309	0	51	0	251	2,412	707	39,729
2017/18	44,097	0	70	0	259	2,457	719	47,601
2018/19	41,215	498	1,643	834	440	2,500	742	47,871
2019/20	41,614	526	1,663	864	441	2,537	758	48,402
2020/21	42,205	522	1,684	881	441	2,572	773	49,077
2021/22	42,668	518	1,704	891	441	2,605	788	49,614
2022/23	43,120	517	1,724	901	441	2,637	803	50,142
2023/24	43,636	523	1,744	911	441	2,668	818	50,740
2024/25	44,037	524	1,763	923	440	2,702	833	51,221
2025/26	44,605	508	1,784	932	440	2,734	848	51,850
2026/27	45,126	502	1,804	943	440	2,765	862	52,441
2027/28	45,655	500	1,823	953	440	2,796	877	53,043
CAAGR (%):	1.14%							

**2018  
LOAD AND RESOURCE PLAN  
FLORIDA RELIABILITY COORDINATING COUNCIL**

**FRCC Form 7.0  
HISTORY AND FORECAST OF ANNUAL NET ENERGY FOR LOAD (GWH)  
AS OF JANUARY 1, 2018**

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
							[(2)+(3)+(4)+(5)+(6)+(7)+(8)]	
YEAR	NET ENERGY FOR LOAD	ENERGY REDUCTION			SELF-SERVED GENERATION	CUMULATIVE CONSERVATION		TOTAL ENERGY FOR LOAD
		INTERRUPTIBLE LOAD	RESIDENTIAL LOAD MANAGEMENT	COMM./IND. LOAD MANAGEMENT		RESIDENTIAL	COMM./IND.	
2016	232,519	0	0	0	2,113	5,269	4,150	244,051
2017	232,395	0	0	0	2,066	5,364	4,258	244,082
2018	232,135	0	0	9	2,347	5,443	4,300	244,233
2019	234,700	0	0	9	2,346	5,527	4,357	246,938
2020	236,779	0	0	9	2,348	5,612	4,416	249,164
2021	238,483	0	0	10	2,347	5,697	4,475	251,012
2022	240,380	0	0	10	2,347	5,780	4,532	253,050
2023	241,710	0	0	10	2,347	5,861	4,592	254,520
2024	244,035	0	0	10	2,348	5,945	4,652	256,989
2025	245,769	0	0	10	2,347	6,024	4,712	258,863
2026	247,849	0	0	10	2,347	6,105	4,772	261,084
2027	250,053	0	0	10	2,347	6,184	4,833	263,427
CAAGR (%):	0.83%							

**2018  
LOAD AND RESOURCE PLAN  
FLORIDA RELIABILITY COORDINATING COUNCIL**

**SUMMARY OF INTERRUPTIBLE LOAD AND LOAD MANAGEMENT (MW)  
2018 THROUGH 2027**

**SUMMER**

YEAR	DEF			FPL		JEA	SEC			TAL		TEC		FRCC TOTALS			FRCC TOTAL INT + LM
	INT	RES LM	COM LM	RES LM	COM LM	INT	INT	RES LM	COM LM	RES LM	COM LM	INT	COM LM	INT	RES LM	COM LM	
<b>2018</b>	272	381	87	903	882	105	36	56	17	0	3	115	100	528	1,340	1,089	2,957
<b>2019</b>	296	387	91	917	924	105	36	57	17	3	5	109	100	546	1,364	1,137	3,047
<b>2020</b>	327	393	95	924	954	105	35	58	17	6	8	109	100	576	1,381	1,174	3,131
<b>2021</b>	328	399	99	931	970	105	32	58	17	10	10	110	101	575	1,398	1,197	3,170
<b>2022</b>	338	405	103	939	982	105	32	59	17	10	10	98	101	573	1,413	1,213	3,199
<b>2023</b>	338	411	108	946	993	105	32	60	17	10	10	98	102	573	1,427	1,230	3,230
<b>2024</b>	337	417	112	953	1,005	105	36	61	17	10	10	98	102	576	1,441	1,246	3,263
<b>2025</b>	338	423	116	960	1,017	105	36	62	17	11	10	97	103	576	1,456	1,263	3,295
<b>2026</b>	338	429	120	967	1,029	105	35	63	17	11	10	81	103	559	1,470	1,279	3,308
<b>2027</b>	338	435	124	975	1,040	105	32	63	17	11	10	81	103	556	1,484	1,294	3,334

**WINTER**

YEAR	DEF			FPL		JEA	SEC			TAL		TEC		FRCC TOTALS			FRCC TOTAL INT + LM
	INT	RES LM	COM LM	RES LM	COM LM	INT	INT	RES LM	COM LM	RES LM	COM LM	INT	COM LM	INT	RES LM	COM LM	
<b>2018/19</b>	274	825	86	757	635	102	34	61	17	0	0	88	96	498	1,643	834	2,975
<b>2019/20</b>	301	838	91	763	659	102	35	62	17	0	0	88	97	526	1,663	864	3,053
<b>2020/21</b>	302	853	95	768	672	102	30	63	17	0	0	88	97	522	1,684	881	3,087
<b>2021/22</b>	310	866	99	774	677	102	29	64	17	0	0	77	98	518	1,704	891	3,113
<b>2022/23</b>	310	879	103	780	683	102	28	65	17	0	0	77	98	517	1,724	901	3,142
<b>2023/24</b>	309	892	107	786	688	102	34	66	17	0	0	78	99	523	1,744	911	3,178
<b>2024/25</b>	310	904	112	792	694	102	35	67	17	0	0	77	100	524	1,763	923	3,210
<b>2025/26</b>	310	918	116	798	699	102	36	68	17	0	0	60	100	508	1,784	932	3,224
<b>2026/27</b>	310	931	120	804	705	102	30	69	17	0	0	60	101	502	1,804	943	3,249
<b>2027/28</b>	309	944	124	810	710	102	29	69	17	0	0	60	102	500	1,823	953	3,276

**2018**  
**LOAD AND RESOURCE PLAN**  
**FLORIDA RELIABILITY COORDINATING COUNCIL**  
**SUMMARY OF EXISTING CAPACITY**  
**AS OF DECEMBER 31, 2017**

<b>UTILITY</b>	<b>NET CAPABILITY (MW)</b>	
	<b>SUMMER</b>	<b>WINTER</b>
DUKE ENERGY FLORIDA	8,720	9,807
FLORIDA KEYS ELECTRIC COOPERATIVE ASSOCIATION INC	0	0
FLORIDA MUNICIPAL POWER AGENCY	1,284	1,324
FLORIDA POWER & LIGHT COMPANY	26,120	27,772
FORT PIERCE UTILITIES AUTHORITIES	0	0
GAINESVILLE REGIONAL UTILITIES	630	659
HOMESTEAD ENERGY SERVICES	32	32
JEA	3,769	4,110
KEY WEST UTILITY BOARD	37	37
KISSIMMEE UTILITY AUTHORITY	242	254
LAKE WORTH UTILITIES CITY OF	77	80
LAKELAND CITY OF	844	890
NEW SMYRNA BEACH UTILITIES COMMISSION OF	44	48
OCALA UTILITY SERVICES	0	0
ORLANDO UTILITIES COMMISSION	1,493	1,531
REEDY CREEK IMPROVEMENT DISTRICT	54	54
SEMINOLE ELECTRIC COOPERATIVE INC	2,012	2,178
ST CLOUD CITY OF	0	0
TALLAHASSEE CITY OF	700	772
TAMPA ELECTRIC COMPANY	4,803	5,196
US CORPS OF ENGINEERS - MOBILE	44	44
VERO BEACH CITY OF	0	0
FRCC EXISTING CAPACITY (DECEMBER 31)	50,904	54,788
FRCC EXISTING CAPACITY (SUMMER 18, WINTER 18/19)	50,169	52,123
FIRM NON-UTILITY PURCHASES (DECEMBER 31)	3,442	3,709
FIRM NON-UTILITY PURCHASES (SUMMER 18, WINTER 18/19)	3,980	3,957
<b>TOTAL FRCC EXISTING (DECEMBER 31)</b>	<b>54,346</b>	<b>58,497</b>
<b>TOTAL FRCC EXISTING (SUMMER 18, WINTER 18/19)</b>	<b>54,149</b>	<b>56,081</b>

**2018  
LOAD AND RESOURCE PLAN  
FLORIDA RELIABILITY COORDINATING COUNCIL  
FRCC Form 1.0  
EXISTING GENERATING FACILITIES AS OF JANUARY 1, 2018**

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
PLANT NAME	UNIT NO.	LOCATION	UNIT TYPE	PRIMARY FUEL		ALTERNATE FUEL		ALT. FUEL STORAGE (DAYS BURN)	COMMERCIAL IN-SERVICE MO. / YEAR	EXPECTED RETIREMENT MO. / YEAR	GROSS CAPABILITY		NET CAPABILITY		STATUS
				FUEL TYPE	TRANSP. METHOD	FUEL TYPE	TRANSP. METHOD				SUMMER (MW)	WINTER (MW)	SUMMER (MW)	WINTER (MW)	
DUKE ENERGY FLORIDA															
ANCLOTE	1	PASCO	ST	NG	PL	---	---	0	10 / 1974	--- / ---	522	538	508	524	OP
ANCLOTE	2	PASCO	ST	NG	PL	---	---	0	10 / 1978	--- / ---	520	538	505	524	OP
AVON PARK	P1	HIGHLANDS	GT	NG	PL	DFO	TK	3	12 / 1968	6 / 2020	24	25	24	25	OP
AVON PARK	P2	HIGHLANDS	GT	DFO	TK	---	---	0	12 / 1968	6 / 2020	24	25	24	25	OP
BAYBORO	P1	PINELLAS	GT	DFO	WA	---	---	0	4 / 1973	--- / ---	44	61	44	61	OP
BAYBORO	P2	PINELLAS	GT	DFO	WA	---	---	0	4 / 1973	--- / ---	41	58	41	58	OP
BAYBORO	P3	PINELLAS	GT	DFO	WA	---	---	0	4 / 1973	--- / ---	43	60	43	60	OP
BAYBORO	P4	PINELLAS	GT	DFO	WA	---	---	0	4 / 1973	--- / ---	43	59	43	59	OP
CRYSTAL RIVER	1	CITRUS	ST	BIT	RR	BIT	WA	0	10 / 1966	9 / 2018	348	358	324	332	OP
CRYSTAL RIVER	2	CITRUS	ST	BIT	RR	BIT	WA	0	11 / 1969	9 / 2018	462	469	442	448	OP
CRYSTAL RIVER	4	CITRUS	ST	BIT	WA	BIT	RR	0	12 / 1982	--- / ---	769	767	712	721	OP
CRYSTAL RIVER	5	CITRUS	ST	BIT	WA	BIT	RR	0	10 / 1984	--- / ---	767	778	710	721	OP
DEBARY	P10	VOLUSIA	GT	DFO	TK	---	---	0	10 / 1992	--- / ---	75	95	75	95	OP
DEBARY	P2	VOLUSIA	GT	DFO	TK	---	---	0	3 / 1976	--- / ---	48	64	48	64	OP
DEBARY	P3	VOLUSIA	GT	DFO	TK	---	---	0	12 / 1975	--- / ---	50	65	50	65	OP
DEBARY	P4	VOLUSIA	GT	DFO	TK	---	---	0	4 / 1976	--- / ---	50	65	50	65	OP
DEBARY	P5	VOLUSIA	GT	DFO	TK	---	---	0	12 / 1975	--- / ---	50	65	50	65	OP
DEBARY	P6	VOLUSIA	GT	DFO	TK	---	---	0	4 / 1976	--- / ---	51	65	51	65	OP
DEBARY	P7	VOLUSIA	GT	NG	PL	DFO	TK	8	10 / 1992	--- / ---	79	99	79	99	OP
DEBARY	P8	VOLUSIA	GT	NG	PL	DFO	TK	0	10 / 1992	--- / ---	78	96	78	96	OP
DEBARY	P9	VOLUSIA	GT	NG	PL	DFO	TK	0	10 / 1992	--- / ---	80	98	80	98	OP
HIGGINS	P1	PINELLAS	GT	NG	PL	---	---	0	3 / 1969	6 / 2020	20	25	20	25	EO
HIGGINS	P2	PINELLAS	GT	NG	PL	---	---	0	4 / 1969	6 / 2020	25	25	25	25	EO
HIGGINS	P3	PINELLAS	GT	NG	PL	---	---	0	12 / 1970	6 / 2020	31	36	31	36	EO
HIGGINS	P4	PINELLAS	GT	NG	PL	DFO	TK	0	1 / 1971	6 / 2020	31	35	31	35	EO
HINES ENERGY COMPLEX	1GT1	POLK	CT	NG	PL	DFO	TK	0	4 / 1999	--- / ---	163	176	163	176	OP
HINES ENERGY COMPLEX	1GT2	POLK	CT	NG	PL	DFO	TK	0	4 / 1999	--- / ---	170	178	169	178	OP
HINES ENERGY COMPLEX	1ST	POLK	CA	WH	---	DFO	TK	0	4 / 1999	--- / ---	162	180	158	174	OP
HINES ENERGY COMPLEX	2GT1	POLK	CT	NG	PL	DFO	TK	0	12 / 2003	--- / ---	166	186	166	186	OP
HINES ENERGY COMPLEX	2GT2	POLK	CT	NG	PL	DFO	TK	0	12 / 2003	--- / ---	174	186	174	186	OP
HINES ENERGY COMPLEX	2ST	POLK	CA	WH	---	---	---	0	12 / 2003	--- / ---	176	197	171	191	OP
HINES ENERGY COMPLEX	3GT1	POLK	CT	NG	PL	DFO	TK	0	11 / 2005	--- / ---	173	186	173	186	OP

\*Jointly Owned Unit

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EXISTING GENERATING FACILITIES AS OF JANUARY 1, 2018**

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
PLANT NAME	UNIT NO.	LOCATION	UNIT TYPE	PRIMARY FUEL		ALTERNATE FUEL		ALT. FUEL STORAGE (DAYS BURN)	COMMERCIAL IN-SERVICE MO. / YEAR	EXPECTED RETIREMENT MO. / YEAR	GROSS CAPABILITY		NET CAPABILITY		STATUS
				FUEL TYPE	TRANSP. METHOD	FUEL TYPE	TRANSP. METHOD				SUMMER (MW)	WINTER (MW)	SUMMER (MW)	WINTER (MW)	
DUKE ENERGY FLORIDA (cont.)															
HINES ENERGY COMPLEX	3GT2	POLK	CT	NG	PL	DFO	TK	0	11 / 2005	--- / ---	173	186	173	186	OP
HINES ENERGY COMPLEX	3ST	POLK	CA	WH	---	---	---	0	11 / 2005	--- / ---	176	198	169	192	OP
HINES ENERGY COMPLEX	4GT1	POLK	CT	NG	PL	DFO	TK	0	12 / 2007	--- / ---	176	183	176	183	OP
HINES ENERGY COMPLEX	4GT2	POLK	CT	NG	PL	DFO	TK	0	12 / 2007	--- / ---	175	184	175	184	OP
HINES ENERGY COMPLEX	4ST	POLK	CA	WH	---	DFO	TK	0	12 / 2007	--- / ---	173	185	165	177	OP
INTERCESSION CITY	P1	OSCEOLA	GT	DFO	PL	---	---	0	5 / 1974	--- / ---	47	64	47	64	OP
INTERCESSION CITY	P10	OSCEOLA	GT	NG	PL	DFO	PL	0	10 / 1993	--- / ---	78	96	78	96	OP
INTERCESSION CITY *	P11	OSCEOLA	GT	DFO	PL	---	---	0	1 / 1997	--- / ---	280	161	0	161	OP
INTERCESSION CITY	P12	OSCEOLA	GT	NG	PL	DFO	PL	5	12 / 2000	--- / ---	73	94	73	94	OP
INTERCESSION CITY	P13	OSCEOLA	GT	NG	PL	DFO	PL	0	12 / 2000	--- / ---	75	93	75	93	OP
INTERCESSION CITY	P14	OSCEOLA	GT	NG	PL	DFO	PL	0	12 / 2000	--- / ---	72	95	72	92	OP
INTERCESSION CITY	P2	OSCEOLA	GT	DFO	PL	---	---	0	5 / 1974	--- / ---	46	63	46	63	OP
INTERCESSION CITY	P3	OSCEOLA	GT	DFO	PL	---	---	0	5 / 1974	--- / ---	46	63	46	63	OP
INTERCESSION CITY	P4	OSCEOLA	GT	DFO	PL	---	---	0	5 / 1974	--- / ---	46	63	46	63	OP
INTERCESSION CITY	P5	OSCEOLA	GT	DFO	PL	---	---	0	5 / 1974	--- / ---	45	62	45	62	OP
INTERCESSION CITY	P6	OSCEOLA	GT	DFO	PL	---	---	0	5 / 1974	--- / ---	47	64	47	64	OP
INTERCESSION CITY	P7	OSCEOLA	GT	NG	PL	DFO	PL	5	10 / 1993	--- / ---	78	95	78	95	OP
INTERCESSION CITY	P8	OSCEOLA	GT	NG	PL	DFO	PL	0	10 / 1993	--- / ---	79	96	79	96	OP
INTERCESSION CITY	P9	OSCEOLA	GT	NG	PL	DFO	PL	0	10 / 1993	--- / ---	79	96	79	96	OP
OSPREY ENERGY CENTER	GT1	POLK	CT	NG	PL	DFO	TK	2	5 / 2004	--- / ---	81.6	81.6	81.6	81.6	OP
OSPREY ENERGY CENTER	GT2	POLK	CT	NG	PL	DFO	TK	2	5 / 2004	--- / ---	81.6	81.6	81.6	81.6	OP
OSPREY ENERGY CENTER	ST1	POLK	ST	NG	PL	DFO	TK	2	5 / 2004	--- / ---	81.7	81.7	81.7	81.7	OP
P. L. BARTOW	4AGT	PINELLAS	CT	NG	PL	DFO	TK	0	6 / 2009	--- / ---	186	216	185	215	OP
P. L. BARTOW	4BGT	PINELLAS	CT	NG	PL	DFO	TK	0	6 / 2009	--- / ---	184	210	183	209	OP
P. L. BARTOW	4CGT	PINELLAS	CT	NG	PL	DFO	TK	0	6 / 2009	--- / ---	188	220	187	219	OP
P. L. BARTOW	4DGT	PINELLAS	CT	NG	PL	DFO	TK	0	6 / 2009	--- / ---	187	216	186	215	OP
P. L. BARTOW	4ST	PINELLAS	CA	WH	---	DFO	TK	0	6 / 2009	--- / ---	355	345	339	329	OP
P. L. BARTOW	P1	PINELLAS	GT	DFO	WA	---	---	0	5 / 1972	--- / ---	41	52	41	52	OP
P. L. BARTOW	P2	PINELLAS	GT	NG	PL	DFO	WA	8	6 / 1972	--- / ---	41	57	41	57	OP
P. L. BARTOW	P3	PINELLAS	GT	DFO	WA	---	---	0	6 / 1972	--- / ---	41	53	41	53	OP
P. L. BARTOW	P4	PINELLAS	GT	NG	PL	DFO	WA	8	6 / 1972	--- / ---	45	61	45	61	OP
SUWANNEE RIVER	P1	SUWANNEE	GT	NG	PL	DFO	TK	9	10 / 1980	--- / ---	49	68	49	68	OP

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(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
PLANT NAME	UNIT NO.	LOCATION	UNIT TYPE	PRIMARY FUEL		ALTERNATE FUEL		ALT. FUEL STORAGE (DAYS BURN)	COMMERCIAL IN-SERVICE MO. / YEAR	EXPECTED RETIREMENT MO. / YEAR	GROSS CAPABILITY		NET CAPABILITY		STATUS
				FUEL TYPE	TRANSP. METHOD	FUEL TYPE	TRANSP. METHOD				SUMMER (MW)	WINTER (MW)	SUMMER (MW)	WINTER (MW)	
DUKE ENERGY FLORIDA (cont.)															
SUWANNEE RIVER	P2	SUWANNEE	GT	DFO	TK	---	---	0	10 / 1980	--- / ---	50	67	50	67	OP
SUWANNEE RIVER	P3	SUWANNEE	GT	NG	PL	DFO	TK	0	11 / 1980	--- / ---	50	68	50	68	OP
TIGER BAY	1GT	POLK	CT	NG	PL	---	---	0	8 / 1997	--- / ---	130	160	130	160	OP
TIGER BAY	1ST	POLK	CA	WH	---	---	---	0	8 / 1997	--- / ---	73	74	70	71	OP
UNIVERSITY OF FLORIDA	P1	ALACHUA	GT	NG	PL	---	---	0	1 / 1994	--- / ---	66	47	46	47	OP
DEF TOTAL (Excluding Solar):													8,712	9,807	
FLORIDA KEYS ELECTRIC COOPERATIVE ASSOCIATION INC															
MARATHON	1	MONROE	IC	DFO	TK	RFO	TK	0	6 / 1988	--- / ---	2	2	2	2	SB
MARATHON	2	MONROE	IC	DFO	TK	RFO	TK	0	6 / 1988	--- / ---	2	2	2	2	SB
MARATHON	3	MONROE	IC	DFO	TK	RFO	TK	0	6 / 1955	--- / ---	2.5	2.5	2.5	2.5	SB
MARATHON	6	MONROE	IC	DFO	TK	RFO	TK	0	6 / 1973	--- / ---	2.5	2.5	2.5	2.5	SB
MARATHON	7	MONROE	IC	DFO	TK	RFO	TK	0	6 / 1973	--- / ---	2.5	2.5	2.5	2.5	SB
MARATHON	8	MONROE	IC	DFO	TK	RFO	TK	0	1 / 1998	--- / ---	3.5	3.5	3.5	3.5	SB
MARATHON	9	MONROE	IC	DFO	TK	RFO	TK	0	1 / 2001	--- / ---	3.5	3.5	3.5	3.5	SB
FKE TOTAL:													0.0	0.0	
FLORIDA MUNICIPAL POWER AGENCY															
CANE ISLAND *	1GT	OSCEOLA	GT	NG	PL	DFO	TK	0	11 / 1994	--- / ---	17.5	19	17.5	19	OP
CANE ISLAND *	2CT	OSCEOLA	CT	NG	PL	DFO	TK	0	6 / 1995	--- / ---	35.5	37.5	34.5	36.5	OP
CANE ISLAND *	2CW	OSCEOLA	CA	WH	---	DFO	---	0	6 / 1995	--- / ---	22	22	20	20	OP
CANE ISLAND *	3CT	OSCEOLA	CT	NG	PL	---	---	0	1 / 2002	--- / ---	77	81	75	79	OP
CANE ISLAND *	3CW	OSCEOLA	CA	WH	---	DFO	---	0	1 / 2002	--- / ---	47.5	48.5	45	46	OP
CANE ISLAND	4CT	OSCEOLA	CT	NG	PL	---	---	0	7 / 2011	--- / ---	154	159	150	155	OP
CANE ISLAND	4CW	OSCEOLA	CA	WH	---	---	---	0	7 / 2011	--- / ---	153	158	150	155	OP
INDIAN RIVER	A	BREVARD	GT	NG	PL	DFO	TK	0	7 / 1989	--- / ---	14.2	18	12.2	14.1	OP
INDIAN RIVER	B	BREVARD	GT	NG	PL	DFO	TK	0	7 / 1989	--- / ---	14.2	18	12.2	14.1	OP
INDIAN RIVER *	C	BREVARD	GT	NG	PL	DFO	TK	0	8 / 1992	--- / ---	22.3	26.2	21.6	23	OP
INDIAN RIVER *	D	BREVARD	GT	NG	PL	DFO	TK	0	8 / 1992	--- / ---	22.3	26.2	21.6	23	OP
ST. LUCIE *	2	ST. LUCIE	ST	NUC	TK	---	---	0	6 / 1983	--- / ---	86.2	89.6	86.2	89.6	OP

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(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
PLANT NAME	UNIT NO.	LOCATION	UNIT TYPE	PRIMARY FUEL		ALTERNATE FUEL		ALT. FUEL STORAGE (DAYS BURN)	COMMERCIAL IN-SERVICE MO. / YEAR	EXPECTED RETIREMENT MO. / YEAR	GROSS CAPABILITY		NET CAPABILITY		STATUS
				FUEL TYPE	TRANSP. METHOD	FUEL TYPE	TRANSP. METHOD				SUMMER (MW)	WINTER (MW)	SUMMER (MW)	WINTER (MW)	
FLORIDA MUNICIPAL POWER AGENCY (cont.)															
STANTON *	1	ORANGE	ST	BIT	RR	---	---	0	7 / 1987	--- / ---	114.8	114.8	114.8	114.8	OP
STANTON *	2	ORANGE	ST	BIT	RR	---	---	0	6 / 1996	--- / ---	125.9	125.9	125.1	125.1	OP
STANTON A *	CT	ORANGE	CT	NG	PL	DFO	TK	3	10 / 2003	--- / ---	11.6	13.1	11.6	13.1	OP
STANTON A *	ST	ORANGE	CA	WH	PL	DFO	TK	3	10 / 2003	--- / ---	10.3	10.4	10.3	10.4	OP
STOCK ISLAND	CT2	MONROE	GT	DFO	WA	---	---	0	9 / 1999	--- / ---	15.9	15.9	15.9	15.9	OP
STOCK ISLAND	CT3	MONROE	GT	DFO	WA	---	---	0	9 / 1999	--- / ---	14.1	14.1	14.1	14.1	OP
STOCK ISLAND	CT4	MONROE	GT	DFO	WA	---	---	0	6 / 2006	--- / ---	46	46	46	46	OP
TREASURE COAST ENERGY CTR	1	ST. LUCIE	CT	NG	PL	DFO	TK	0	6 / 2008	--- / ---	154	159	150	155	OP
TREASURE COAST ENERGY CTR	1	ST. LUCIE	CA	WH	---	DFO	RR	0	6 / 2008	--- / ---	153	158	150	155	OP
FMPA TOTAL:													1,284	1,324	
FLORIDA POWER & LIGHT COMPANY															
CAPE CANAVERAL	3A	BREVARD	CT	NG	PL	DFO	TK	4	4 / 2013	--- / ---	246.3	288.6	246.3	288.6	OP
CAPE CANAVERAL	3B	BREVARD	CT	NG	PL	DFO	TK	4	4 / 2013	--- / ---	273	288.6	273	288.6	OP
CAPE CANAVERAL	3C	BREVARD	CT	NG	PL	DFO	TK	4	4 / 2013	--- / ---	273	288.6	273	288.6	OP
CAPE CANAVERAL	3ST	BREVARD	ST	NG	PL	DFO	TK	4	4 / 2013	--- / ---	488.1	521.2	471.1	504.2	OP
FT. MYERS	1	LEE	GT	DFO	WA	---	---	0	5 / 1974	--- / ---	54.2	61.7	54	61.5	OP
FT. MYERS	9	LEE	GT	DFO	WA	---	---	0	5 / 1974	--- / ---	54.2	61.7	54	61.5	OP
FT. MYERS	2CTA	LEE	CT	NG	PL	---	---	0	6 / 2002	--- / ---	179.4	200	179.4	200	OP
FT. MYERS	2CTB	LEE	CT	NG	PL	---	---	0	6 / 2002	--- / ---	179.4	200	179.4	200	OP
FT. MYERS	2CTC	LEE	CT	NG	PL	---	---	0	6 / 2002	--- / ---	179.4	200	179.4	200	OP
FT. MYERS	2CTD	LEE	CT	NG	PL	---	---	0	6 / 2002	--- / ---	179.4	200	179.4	200	OP
FT. MYERS	2CTE	LEE	CT	NG	PL	---	---	0	6 / 2002	--- / ---	179.4	200	179.4	200	OP
FT. MYERS	2CTF	LEE	CT	NG	PL	---	---	0	6 / 2002	--- / ---	179.4	200	179.4	200	OP
FT. MYERS	2ST1	LEE	CA	WH	---	---	---	0	6 / 2002	--- / ---	60	68	60	68	OP
FT. MYERS	2ST2	LEE	CA	WH	---	---	---	0	6 / 2002	--- / ---	409.8	456	387.8	434	OP
FT. MYERS	3CTA	LEE	CT	NG	PL	DFO	TK	7	6 / 2001	--- / ---	182.6	200.6	182	200	OP
FT. MYERS	3CTB	LEE	CT	NG	PL	DFO	TK	7	6 / 2001	--- / ---	182.6	200.6	182	200	OP
FT. MYERS	3CTC	LEE	CT	NG	TK	DFO	---	7	12 / 2016	--- / ---	231.6	222.6	231	222	OP
FT. MYERS	3CTD	LEE	CT	NG	TK	DFO	---	7	12 / 2016	--- / ---	231.6	222.6	231	222	OP
LAUDERDALE	3	BROWARD	GT	NG	PL	DFO	TK	3	8 / 1970	---	34.4	37.3	34.3	37.2	OP

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(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
PLANT NAME	UNIT NO.	LOCATION	UNIT TYPE	PRIMARY FUEL		ALTERNATE FUEL		ALT. FUEL STORAGE (DAYS BURN)	COMMERCIAL IN-SERVICE MO. / YEAR	EXPECTED RETIREMENT MO. / YEAR	GROSS CAPABILITY		NET CAPABILITY		STATUS
				FUEL TYPE	TRANSP. METHOD	FUEL TYPE	TRANSP. METHOD				SUMMER (MW)	WINTER (MW)	SUMMER (MW)	WINTER (MW)	
FLORIDA POWER & LIGHT COMPANY (cont.)															
LAUDERDALE	5	BROWARD	GT	NG	PL	DFO	TK	3	8 / 1970	--- / ---	34.4	37.3	34.3	37.2	OP
LAUDERDALE	4GT1	BROWARD	CT	NG	PL	DFO	TK	2	5 / 1993	10 / 2018	156	172.1	156	172.1	OP
LAUDERDALE	4GT2	BROWARD	CT	NG	PL	DFO	TK	2	5 / 1993	10 / 2018	156	172.1	156	172.1	OP
LAUDERDALE	4ST	BROWARD	CA	NG	PL	DFO	TK	2	10 / 1957	10 / 2018	135	148.9	130	143.9	OP
LAUDERDALE	5GT1	BROWARD	CT	NG	PL	DFO	TK	2	6 / 1993	10 / 2018	156	172.1	156	172.1	OP
LAUDERDALE	5GT2	BROWARD	CT	NG	PL	DFO	TK	2	6 / 1993	10 / 2018	156	172.1	156	172.1	OP
LAUDERDALE	5ST	BROWARD	CA	NG	PL	DFO	TK	2	4 / 1958	10 / 2018	135	148.9	130	143.9	OP
LAUDERDALE	6CTA	BROWARD	CT	NG	PL	DFO	TK	2	12 / 2016	--- / ---	231.6	222.6	231	222	OP
LAUDERDALE	6CTB	BROWARD	CT	NG	PL	DFO	TK	2	12 / 2016	--- / ---	231.6	222.6	231	222	OP
LAUDERDALE	6CTC	BROWARD	CT	NG	PL	DFO	TK	2	12 / 2016	--- / ---	231.6	222.6	231	222	OP
LAUDERDALE	6CTD	BROWARD	CT	NG	PL	DFO	TK	2	12 / 2016	--- / ---	231.6	222.6	231	222	OP
LAUDERDALE	6CTE	BROWARD	CT	NG	PL	DFO	TK	2	12 / 2016	--- / ---	231.6	222.6	231	222	OP
MANATEE	1	MANATEE	ST	NG	PL	RFO	WA	21	10 / 1976	--- / ---	841	851.6	809	819	OP
MANATEE	2	MANATEE	ST	NG	PL	RFO	WA	21	12 / 1977	--- / ---	841	851.6	809	819	OP
MANATEE	3CTA	MANATEE	CT	NG	PL	---	---	0	6 / 2005	--- / ---	177.5	205	177.5	205	OP
MANATEE	3CTB	MANATEE	CT	NG	PL	---	---	0	6 / 2005	--- / ---	177.5	205	177.5	205	OP
MANATEE	3CTC	MANATEE	CT	NG	PL	---	---	0	6 / 2005	--- / ---	177.5	205	177.5	205	OP
MANATEE	3CTD	MANATEE	CT	NG	PL	---	---	0	6 / 2005	--- / ---	177.5	205	177.5	205	OP
MANATEE	3ST	MANATEE	CA	NG	PL	---	---	0	6 / 2005	--- / ---	462.4	487.1	444.4	469.1	OP
MARTIN	1	MARTIN	ST	NG	PL	RFO	WA	21	12 / 1980	12 / 2018	855.8	862.2	823	829	OP
MARTIN	2	MARTIN	ST	NG	PL	RFO	WA	21	6 / 1981	12 / 2018	834.6	841	803	809	OP
MARTIN	3GT1	MARTIN	CT	NG	PL	---	---	0	2 / 1994	--- / ---	151.8	185	151.8	185	OP
MARTIN	3GT2	MARTIN	CT	NG	PL	---	---	0	2 / 1994	--- / ---	151.8	185	151.8	185	OP
MARTIN	3ST	MARTIN	CA	NG	PL	---	---	0	2 / 1994	--- / ---	189.4	169	183.4	163	OP
MARTIN	4GT1	MARTIN	CT	NG	PL	DFO	TK	0	4 / 1994	--- / ---	151.8	185	151.8	185	OP
MARTIN	4GT2	MARTIN	CT	NG	PL	---	---	0	4 / 1994	--- / ---	151.8	185	151.8	185	OP
MARTIN	4ST	MARTIN	CA	NG	PL	---	---	0	4 / 1994	--- / ---	189.4	169	183.4	163	OP
MARTIN	8CTA	MARTIN	CT	NG	PL	DFO	---	0	6 / 2005	--- / ---	177.5	205	177.5	205	OP
MARTIN	8CTB	MARTIN	CT	NG	PL	DFO	---	0	6 / 2005	--- / ---	177.5	205	177.5	205	OP
MARTIN	8CTC	MARTIN	CT	NG	PL	DFO	TK	3	6 / 2005	--- / ---	176.8	203	176.8	203	OP
MARTIN	8CTD	MARTIN	CT	NG	PL	DFO	TK	3	6 / 2005	--- / ---	176.8	203	176.8	203	OP
MARTIN	8ST	MARTIN	CA	NG	PL	DFO	TK	0	6 / 2005	--- / ---	450.4	502	427.4	479	OP

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(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
PLANT NAME	UNIT NO.	LOCATION	UNIT TYPE	PRIMARY FUEL		ALTERNATE FUEL		ALT. FUEL STORAGE (DAYS BURN)	COMMERCIAL IN-SERVICE MO. / YEAR	EXPECTED RETIREMENT MO. / YEAR	GROSS CAPABILITY		NET CAPABILITY		STATUS
				FUEL TYPE	TRANSP. METHOD	FUEL TYPE	TRANSP. METHOD				SUMMER (MW)	WINTER (MW)	SUMMER (MW)	WINTER (MW)	
FLORIDA POWER & LIGHT COMPANY (cont.)															
PORT EVERGLADES	5A	BROWARD	CT	NG	PL	DFO	TK	5	4 / 2016	--- / ---	271.9	297.1	271.9	297.1	OP
PORT EVERGLADES	5B	BROWARD	CT	NG	PL	DFO	TK	5	4 / 2016	--- / ---	271.9	297.1	271.9	297.1	OP
PORT EVERGLADES	5C	BROWARD	CT	NG	PL	DFO	TK	5	4 / 2016	--- / ---	271.9	297.1	271.9	297.1	OP
PORT EVERGLADES	5ST	BROWARD	CA	NG	PL	DFO	TK	5	4 / 2016	--- / ---	438.3	463.7	421.3	446.7	OP
RIVIERA	5A	PALM BEACH	CT	NG	PL	DFO	TK	4	6 / 2014	--- / ---	246.3	287	246.3	287	OP
RIVIERA	5B	PALM BEACH	CT	NG	PL	DFO	TK	4	6 / 2014	--- / ---	246.3	287	246.3	287	OP
RIVIERA	5C	PALM BEACH	CT	NG	PL	DFO	TK	4	6 / 2014	--- / ---	246.3	287	246.3	287	OP
RIVIERA	5ST	PALM BEACH	CA	NG	PL	DFO	TK	4	6 / 2014	--- / ---	490.1	506	473.1	489	OP
SANFORD	4CTA	VOLUSIA	CT	NG	PL	---	---	0	10 / 2003	--- / ---	164.3	190.1	164.3	190.1	OP
SANFORD	4CTB	VOLUSIA	CT	NG	PL	---	---	0	10 / 2003	--- / ---	164.3	190.1	164.3	190.1	OP
SANFORD	4CTC	VOLUSIA	CT	NG	PL	---	---	0	10 / 2003	--- / ---	177.5	205	177.5	205	OP
SANFORD	4CTD	VOLUSIA	CT	NG	PL	---	---	0	10 / 2003	--- / ---	177.5	205	177.5	205	OP
SANFORD	4ST	VOLUSIA	CA	NG	PL	---	---	0	10 / 2003	--- / ---	338.4	357.1	325.4	344.1	OP
SANFORD	5CTA	VOLUSIA	CT	NG	PL	---	---	0	6 / 2002	--- / ---	177.5	205	177.5	205	OP
SANFORD	5CTB	VOLUSIA	CT	NG	PL	---	---	0	6 / 2002	--- / ---	164.3	190.1	164.3	190.1	OP
SANFORD	5CTC	VOLUSIA	CT	NG	PL	---	---	0	6 / 2002	--- / ---	164.3	190.1	164.3	190.1	OP
SANFORD	5CTD	VOLUSIA	CT	NG	PL	---	---	0	6 / 2002	--- / ---	177.5	205	177.5	205	OP
SANFORD	5ST	VOLUSIA	CA	NG	PL	---	---	0	6 / 2002	--- / ---	338.4	357.1	325.4	344.1	OP
SCHERER *	4	MONROE, GA	ST	BIT	RR	---	---	0	7 / 1988	--- / ---	639	638	634	635	OP
ST. JOHNS RIVER *	1	DUVAL	ST	BIT	RR	PC	WA	0	4 / 1987	--- / ---	132	134	127	130	OP
ST. JOHNS RIVER *	2	DUVAL	ST	BIT	RR	PC	WA	0	7 / 1988	--- / ---	133	132	127	130	OP
ST. LUCIE	1	ST. LUCIE	ST	NUC	TK	---	---	0	5 / 1976	--- / ---	1032	1072	981	1003	OP
ST. LUCIE *	2	ST. LUCIE	ST	NUC	TK	---	---	0	6 / 1983	--- / ---	843	862	840	860	OP
TURKEY POINT	2	DADE	ST	RFO	WA	NG	PL	0	4 / 1968	--- / ---	0	0	0	0	OP
TURKEY POINT	3	DADE	ST	NUC	TK	---	---	0	12 / 1972	--- / ---	846.2	874.2	811	839	OP
TURKEY POINT	4	DADE	ST	NUC	TK	---	---	0	9 / 1973	--- / ---	856.2	883.2	821	848	OP
TURKEY POINT	5CTA	DADE	CT	NG	PL	DFO	TK	3	5 / 2007	--- / ---	174	190.1	174	190.1	OP
TURKEY POINT	5CTB	DADE	CT	NG	PL	DFO	TK	3	5 / 2007	--- / ---	174	190.1	174	190.1	OP
TURKEY POINT	5CTC	DADE	CT	NG	PL	DFO	TK	3	5 / 2007	--- / ---	174	190.1	174	190.1	OP
TURKEY POINT	5CTD	DADE	CT	NG	PL	DFO	TK	3	5 / 2007	--- / ---	174	190.1	174	190.1	OP
TURKEY POINT	5ST	DADE	CA	NG	PL	DFO	TK	3	5 / 2007	--- / ---	516	501.6	491	476.6	OP
WEST COUNTY	3GT1	PALM BEACH	CT	NG	PL	DFO	TK	2	6 / 2011	--- / ---	243	270.4	243	270.4	OP

\*Jointly Owned Unit

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(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
PLANT NAME	UNIT NO.	LOCATION	UNIT TYPE	PRIMARY FUEL		ALTERNATE FUEL		ALT. FUEL STORAGE (DAYS BURN)	COMMERCIAL IN-SERVICE MO. / YEAR	EXPECTED RETIREMENT MO. / YEAR	GROSS CAPABILITY		NET CAPABILITY		STATUS
				FUEL TYPE	TRANSP. METHOD	FUEL TYPE	TRANSP. METHOD				SUMMER (MW)	WINTER (MW)	SUMMER (MW)	WINTER (MW)	
FLORIDA POWER & LIGHT COMPANY (cont.)															
WEST COUNTY	3GT2	PALM BEACH	CT	NG	PL	DFO	TK	2	6 / 2011	--- / ---	243	270.4	243	270.4	OP
WEST COUNTY	3GT3	PALM BEACH	CT	NG	PL	DFO	TK	2	6 / 2011	--- / ---	243	270.4	243	270.4	OP
WEST COUNTY	3ST	PALM BEACH	CA	NG	PL	DFO	TK	2	6 / 2011	--- / ---	512	546.8	490	524.8	OP
WEST COUNTY	CT1A	PALM BEACH	CT	NG	PL	DFO	TK	2	8 / 2009	--- / ---	243	270.4	243	270.4	OP
WEST COUNTY	CT1B	PALM BEACH	CT	NG	PL	DFO	TK	0	8 / 2009	--- / ---	243	270.4	243	270.4	OP
WEST COUNTY	CT1C	PALM BEACH	CT	NG	PL	DFO	TK	2	8 / 2009	--- / ---	243	270.4	243	270.4	OP
WEST COUNTY	CT2A	PALM BEACH	CT	NG	PL	DFO	TK	2	11 / 2009	--- / ---	243	270.4	243	270.4	OP
WEST COUNTY	CT2B	PALM BEACH	CT	NG	PL	DFO	TK	2	11 / 2009	--- / ---	243	270.4	243	270.4	OP
WEST COUNTY	CT2C	PALM BEACH	CT	NG	PL	DFO	TK	2	11 / 2009	--- / ---	243	270.4	243	270.4	OP
WEST COUNTY	ST1	PALM BEACH	CA	NG	PL	DFO	TK	2	8 / 2009	--- / ---	512	546.8	490	524.8	OP
WEST COUNTY	ST2	PALM BEACH	CA	NG	PL	DFO	TK	2	11 / 2009	--- / ---	512	546.8	490	524.8	OP
FPL TOTAL (Excluding Solar):													25,990	27,772	
GAINESVILLE REGIONAL UTILITIES															
DEERHAVEN	FS01	ALACHUA	ST	NG	PL	RFO	TK	0	8 / 1972	8 / 2022	80	80	75	75	OP
DEERHAVEN	FS02	ALACHUA	ST	BIT	RR	---	---	0	10 / 1981	--- / ---	251	251	228	228	OP
DEERHAVEN	GT01	ALACHUA	GT	NG	PL	DFO	TK	0	7 / 1976	7 / 2026	18	23	17.5	22	OP
DEERHAVEN	GT02	ALACHUA	GT	NG	PL	DFO	TK	0	8 / 1976	8 / 2026	18	23	17.5	22	OP
DEERHAVEN	GT03	ALACHUA	GT	NG	PL	DFO	TK	0	1 / 1996	--- / ---	71.5	82	71	81	OP
DEERHAVEN RENEWABLE	1	ALACHUA	ST	WDS	TK	---	---	0	12 / 2013	--- / ---	116	116	102.5	102.5	OP
J. R. KELLY	FS08	ALACHUA	CA	WH	---	---	---	0	5 / 2001	--- / ---	37.5	38	36	37	OP
J. R. KELLY	GT04	ALACHUA	CT	NG	PL	DFO	TK	0	5 / 2001	--- / ---	72.5	82	72	81	OP
SOUTH ENERGY CENTER	1	ALACHUA	GT	NG	PL	---	---	0	5 / 2009	--- / ---	4.5	4.5	3.5	3.5	OP
SOUTH ENERGY CENTER	2	ALACHUA	IC	NG	PL	---	---	0	12 / 2017	--- / ---	7.4	7.4	7.4	7.4	OP
GRU TOTAL:													630	659	
HOMESTEAD ENERGY SERVICES															
G. W. IVEY	2	DADE	IC	NG	PL	DFO	TK	100	3 / 1970	--- / ---	2	2	1.8	1.8	OP
G. W. IVEY	3	DADE	IC	NG	PL	DFO	TK	100	3 / 1970	--- / ---	2	2	1.8	1.8	OP
G. W. IVEY	13	DADE	IC	NG	PL	DFO	TK	100	11 / 1972	--- / ---	2	2	1.8	1.8	OP

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(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
PLANT NAME	UNIT NO.	LOCATION	UNIT TYPE	PRIMARY FUEL		ALTERNATE FUEL		ALT. FUEL STORAGE (DAYS BURN)	COMMERCIAL IN-SERVICE MO. / YEAR	EXPECTED RETIREMENT MO. / YEAR	GROSS CAPABILITY		NET CAPABILITY		STATUS
				FUEL TYPE	TRANSP. METHOD	FUEL TYPE	TRANSP. METHOD				SUMMER (MW)	WINTER (MW)	SUMMER (MW)	WINTER (MW)	
HOMESTEAD ENERGY SERVICES (cont.)															
G. W. IVEY	14	DADE	IC	NG	PL	DFO	TK	100	11 / 1972	--- / ---	2	2	1.8	1.8	OP
G. W. IVEY	15	DADE	IC	NG	PL	DFO	TK	100	11 / 1972	--- / ---	2	2	1.8	1.8	OP
G. W. IVEY	16	DADE	IC	NG	PL	DFO	TK	100	11 / 1972	--- / ---	2	2	1.8	1.8	OP
G. W. IVEY	17	DADE	IC	NG	PL	DFO	TK	100	11 / 1972	--- / ---	2	2	1.8	1.8	OP
G. W. IVEY	19	DADE	IC	NG	PL	DFO	TK	100	2 / 1975	--- / ---	9	9	7.5	7.5	OP
G. W. IVEY	20	DADE	IC	NG	PL	DFO	TK	100	5 / 1981	--- / ---	6.5	6.5	6	6	OP
G. W. IVEY	21	DADE	IC	NG	PL	DFO	TK	100	5 / 1981	--- / ---	6.5	6.5	6	6	OP
HST TOTAL:												32	32		
JEA															
BRANDY BRANCH	CT2	DUVAL	CT	NG	PL	---	---	0	5 / 2001	--- / ---	150.5	186.5	150	186	OP
BRANDY BRANCH	CT3	DUVAL	CT	NG	PL	DFO	TK	0	10 / 2001	--- / ---	150.5	186.5	150	186	OP
BRANDY BRANCH	GT1	DUVAL	GT	NG	PL	DFO	TK	0	5 / 2001	--- / ---	150.5	192.7	150	191	OP
BRANDY BRANCH	STM4	DUVAL	CA	WH	---	---	---	0	1 / 2005	--- / ---	211	232.7	201	223	OP
GREENLAND ENERGY CTR	GT1	DUVAL	GT	NG	PL	---	---	0	6 / 2011	--- / ---	150.5	186.5	150	186	OP
GREENLAND ENERGY CTR	GT2	DUVAL	GT	NG	PL	---	---	0	6 / 2011	--- / ---	150.5	186.5	150	186	OP
J. D. KENNEDY	GT7	DUVAL	GT	NG	PL	DFO	WA	0	6 / 2000	--- / ---	150.5	192.7	150	191	OP
J. D. KENNEDY	GT8	DUVAL	GT	NG	PL	DFO	WA	0	6 / 2009	--- / ---	150.5	192.7	150	191	OP
NORTHSIDE	1	DUVAL	ST	PC	WA	BIT	WA	0	5 / 2003	--- / ---	310	310	293	293	OP
NORTHSIDE	2	DUVAL	ST	PC	WA	BIT	WA	0	4 / 2003	--- / ---	310	310	293	293	OP
NORTHSIDE	3	DUVAL	ST	NG	PL	RFO	WA	0	6 / 1977	--- / ---	540	540	524	524	OP
NORTHSIDE	GT3	DUVAL	GT	DFO	WA	---	---	0	1 / 1975	--- / ---	53.4	62	53	61.6	OP
NORTHSIDE	GT4	DUVAL	GT	DFO	WA	---	---	0	1 / 1975	--- / ---	53.4	62	53	61.6	OP
NORTHSIDE	GT5	DUVAL	GT	DFO	WA	---	---	0	12 / 1974	--- / ---	53.4	62	53	61.6	OP
NORTHSIDE	GT6	DUVAL	GT	DFO	WA	---	---	0	12 / 1974	--- / ---	53.4	62	53	61.6	OP
SCHERER *	4	MONROE, GA	ST	BIT	RR	---	---	0	2 / 1989	--- / ---	208	208	194	194	OP
ST. JOHNS RIVER *	1	DUVAL	ST	BIT	RR	PC	WA	0	3 / 1987	--- / ---	528	537.6	501	510	OP
ST. JOHNS RIVER *	2	DUVAL	ST	BIT	RR	PC	WA	0	5 / 1988	--- / ---	528	537.6	501	510	OP
JEA TOTAL:												3,769	4,110		

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(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
PLANT NAME	UNIT NO.	LOCATION	UNIT TYPE	PRIMARY FUEL		ALTERNATE FUEL		ALT. FUEL STORAGE (DAYS BURN)	COMMERCIAL IN-SERVICE MO. / YEAR	EXPECTED RETIREMENT MO. / YEAR	GROSS CAPABILITY		NET CAPABILITY		STATUS
				FUEL TYPE	TRANSP. METHOD	FUEL TYPE	TRANSP. METHOD				SUMMER (MW)	WINTER (MW)	SUMMER (MW)	WINTER (MW)	
KEY WEST UTILITY BOARD															
STOCK ISLAND	EP2	MONROE	IC	DFO	TK	---	---	0	7 / 2014	--- / ---	2	2	2	2	OP
STOCK ISLAND	GT1	MONROE	GT	DFO	WA	---	---	0	11 / 1978	--- / ---	19.8	19.8	18.5	18.5	OP
STOCK ISLAND MSD	MSD1	MONROE	IC	DFO	WA	---	---	0	6 / 1991	--- / ---	8.8	8.8	8	8	OP
STOCK ISLAND MSD	MSD2	MONROE	IC	DFO	WA	---	---	0	6 / 1991	--- / ---	8.8	8.8	8	8	OP
KEY TOTAL:													37	37	
KISSIMMEE UTILITY AUTHORITY															
CANE ISLAND *	1GT	OSCEOLA	GT	NG	PL	DFO	TK	0	1 / 1995	--- / ---	17.5	19	17.5	19	OP
CANE ISLAND *	2CT	OSCEOLA	CT	NG	PL	DFO	TK	0	6 / 1995	--- / ---	35.5	37.5	34.5	36.5	OP
CANE ISLAND *	2CW	OSCEOLA	CA	WH	---	DFO	---	0	6 / 1995	--- / ---	22	22	20	20	OP
CANE ISLAND *	3CT	OSCEOLA	CT	NG	PL	DFO	TK	0	1 / 2002	--- / ---	77	81	75	79	OP
CANE ISLAND *	3CW	OSCEOLA	CA	WH	---	DFO	---	0	1 / 2002	--- / ---	47.5	48.5	45	46	OP
INDIAN RIVER *	A	BREVARD	GT	NG	PL	DFO	TK	0	7 / 1989	--- / ---	4.4	5.6	3.8	4.4	OP
INDIAN RIVER *	B	BREVARD	GT	NG	PL	DFO	TK	0	7 / 1989	--- / ---	4.4	5.6	3.8	4.4	OP
STANTON *	1	ORANGE	ST	BIT	RR	---	---	0	7 / 1987	--- / ---	20.8	20.8	20.8	20.8	OP
STANTON A *	CT	ORANGE	CT	NG	PL	DFO	TK	3	10 / 2003	--- / ---	11.6	13.1	11.6	13.1	OP
STANTON A *	ST	ORANGE	CA	WH	PL	DFO	TK	3	10 / 2003	--- / ---	10.3	10.4	10.3	10.4	OP
KUA TOTAL:													242	254	
LAKELAND CITY OF															
LARSEN	2	POLK	GT	NG	PL	DFO	TK	16	11 / 1962	--- / ---	10	14	10	14	OP
LARSEN	3	POLK	GT	NG	PL	DFO	TK	16	12 / 1962	--- / ---	9	13	9	13	OP
LARSEN	8CT	POLK	CT	NG	PL	DFO	TK	3	7 / 1992	--- / ---	78	95	76	93	OP
LARSEN	8ST	POLK	CA	WH	PL	DFO	TK	3	4 / 1956	--- / ---	29	31	29	31	OP
MCINTOSH	2	POLK	ST	NG	PL	RFO	TK	14	6 / 1976	--- / ---	114	114	106	106	OP
MCINTOSH *	3	POLK	ST	BIT	RR	---	TK	0	9 / 1982	--- / ---	219	219	205	205	OP
MCINTOSH	5CT	POLK	CT	NG	PL	---	---	0	5 / 2001	--- / ---	219	239	212	233	OP
MCINTOSH	5ST	POLK	CA	WH	---	---	---	0	5 / 2002	--- / ---	126	121	126	121	OP
MCINTOSH	D1	POLK	IC	DFO	TK	---	---	0	1 / 1970	--- / ---	2.5	2.5	2.5	2.5	OP
MCINTOSH	D2	POLK	IC	DFO	TK	---	---	0	1 / 1970	--- / ---	2.5	2.5	2.5	2.5	OP

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(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
PLANT NAME	UNIT NO.	LOCATION	UNIT TYPE	PRIMARY FUEL		ALTERNATE FUEL		ALT. FUEL STORAGE (DAYS BURN)	COMMERCIAL IN-SERVICE MO. / YEAR	EXPECTED RETIREMENT MO. / YEAR	GROSS CAPABILITY		NET CAPABILITY		STATUS
				FUEL TYPE	TRANSP. METHOD	FUEL TYPE	TRANSP. METHOD				SUMMER (MW)	WINTER (MW)	SUMMER (MW)	WINTER (MW)	
LAKELAND CITY OF (cont.)															
MCINTOSH	GT1	POLK	GT	NG	PL	DFO	TK	0	5 / 1973	--- / ---	17	19	16	19	OP
WINSTON	1-5	POLK	IC	DFO	TK	---	---	0	12 / 2001	--- / ---	12.5	12.5	12.5	12.5	OP
WINSTON	6-10	POLK	IC	DFO	TK	---	---	0	12 / 2001	--- / ---	12.5	12.5	12.5	12.5	OP
WINSTON	11-15	POLK	IC	DFO	TK	---	---	0	12 / 2001	--- / ---	12.5	12.5	12.5	12.5	OP
WINSTON	16-20	POLK	IC	DFO	TK	---	---	0	12 / 2001	--- / ---	12.5	12.5	12.5	12.5	OP
LAK TOTAL:													844	890	
LAKE WORTH UTILITIES CITY OF															
TOM G. SMITH	GT-1	PALM BEACH	GT	DFO	TK	---	---	0	12 / 1976	--- / ---	26	29	26	27	OP
TOM G. SMITH	GT-2	PALM BEACH	CT	NG	PL	DFO	TK	2	3 / 1978	--- / ---	21	23	20	20	IR
TOM G. SMITH	MU1	PALM BEACH	IC	DFO	TK	---	---	0	12 / 1965	--- / ---	2	2	1.8	2	OP
TOM G. SMITH	MU2	PALM BEACH	IC	DFO	TK	---	---	0	12 / 1965	--- / ---	2	2	1.8	2	IR
TOM G. SMITH	MU3	PALM BEACH	IC	DFO	TK	---	---	0	12 / 1965	--- / ---	2	2	1.8	2	IR
TOM G. SMITH	MU4	PALM BEACH	IC	DFO	TK	---	---	0	12 / 1965	--- / ---	2	2	1.8	2	IR
TOM G. SMITH	MU5	PALM BEACH	IC	DFO	TK	---	---	0	12 / 1965	--- / ---	2	2	1.8	2	OP
TOM G. SMITH	S-3	PALM BEACH	ST	NG	PL	RFO	TK	6	11 / 1967	--- / ---	27	27	22	24	OP
TOM G. SMITH	S-5	PALM BEACH	CA	WH	---	---	---	0	3 / 1978	--- / ---	10	10	9	9	IR
LWU TOTAL:													77	80	
NEW SMYRNA BEACH UTILITIES COMMISSION OF															
FIELD STREET	1	VOLUSIA	GT	DFO	TK	---	---	0	5 / 2001	--- / ---	22	24	22	24	OP
FIELD STREET	2	VOLUSIA	GT	DFO	TK	---	---	0	5 / 2001	--- / ---	22	24	22	24	OP
NSB TOTAL:													44	48	
ORLANDO UTILITIES COMMISSION															
INDIAN RIVER *	A	BREVARD	GT	NG	PL	DFO	TK	0	7 / 1989	--- / ---	15.6	18.1	15.6	18.1	OP
INDIAN RIVER *	B	BREVARD	GT	NG	PL	DFO	TK	0	7 / 1989	--- / ---	15.6	18.1	15.6	18.1	OP
INDIAN RIVER *	C	BREVARD	GT	NG	PL	DFO	TK	0	8 / 1992	--- / ---	83	88.5	83	88.5	OP
INDIAN RIVER *	D	BREVARD	GT	NG	PL	DFO	TK	0	8 / 1992	--- / ---	83	88.5	83	88.5	OP

\*Jointly Owned Unit

**2018  
LOAD AND RESOURCE PLAN  
FLORIDA RELIABILITY COORDINATING COUNCIL  
FRCC Form 1.0  
EXISTING GENERATING FACILITIES AS OF JANUARY 1, 2018**

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
PLANT NAME	UNIT NO.	LOCATION	UNIT TYPE	PRIMARY FUEL		ALTERNATE FUEL		ALT. FUEL STORAGE (DAYS BURN)	COMMERCIAL IN-SERVICE MO. / YEAR	EXPECTED RETIREMENT MO. / YEAR	GROSS CAPABILITY		NET CAPABILITY		STATUS
				FUEL TYPE	TRANSP. METHOD	FUEL TYPE	TRANSP. METHOD				SUMMER (MW)	WINTER (MW)	SUMMER (MW)	WINTER (MW)	
ORLANDO UTILITIES COMMISSION (cont.)															
MCINTOSH *	3	POLK	ST	BIT	RR	---	---	0	9 / 1982	--- / ---	146	146	133	136	OP
ST. LUCIE *	2	ST. LUCIE	ST	NUC	TK	---	---	0	6 / 1983	--- / ---	63	63	60	60	OP
STANTON *	1	ORANGE	ST	BIT	RR	---	---	0	7 / 1987	--- / ---	321	321	302.3	302.3	OP
STANTON *	2	ORANGE	ST	BIT	RR	---	---	0	6 / 1996	--- / ---	344	344	324.3	324.3	OP
STANTON A *	CTA	ORANGE	CT	NG	PL	DFO	TK	3	10 / 2003	--- / ---	60.5	60.5	56.6	56.4	OP
STANTON A *	CTB	ORANGE	CT	NG	PL	DFO	TK	3	10 / 2003	--- / ---	60.5	60.5	56.6	56.4	OP
STANTON A *	ST	ORANGE	CA	WH	PL	DFO	TK	3	10 / 2003	--- / ---	76.7	81.6	71	75.6	OP
STANTON B	CT	ORANGE	CT	NG	PL	DFO	TK	3	2 / 2010	--- / ---	173	185	170	182	OP
STANTON B	ST	ORANGE	CA	WH	---	DFO	TK	3	2 / 2010	--- / ---	122	125	122	125	OP
OUC TOTAL:												1,493	1,531		
REEDY CREEK IMPROVEMENT DISTRICT															
CENTRAL ENERGY PLANT	1	ORANGE	CC	NG	PL	DFO	TK	2	1 / 1989	--- / ---	55	55	54	54	OP
CEP DIESEL	1	ORANGE	IC	DFO	TK	---	---	0	5 / 2014	--- / ---	1.2	1.2	1.2	1.2	IR
REEDY CREEK DIESEL	D1-D	ORANGE	IC	DFO	TK	---	---	0	1 / 1983	--- / ---	5	5	4.6	4.6	IR
RCI TOTAL:												54	54		
SEMINOLE ELECTRIC COOPERATIVE INC															
MIDULLA GENERATING STATION	4	HARDEE	GT	NG	PL	DFO	TK	0	12 / 2006	--- / ---	54	62	54	62	OP
MIDULLA GENERATING STATION	5	HARDEE	GT	NG	PL	DFO	TK	0	12 / 2006	--- / ---	54	62	54	62	OP
MIDULLA GENERATING STATION	6	HARDEE	GT	NG	PL	DFO	TK	0	12 / 2006	--- / ---	54	62	54	62	OP
MIDULLA GENERATING STATION	7	HARDEE	GT	NG	PL	DFO	TK	0	12 / 2006	--- / ---	54	62	54	62	OP
MIDULLA GENERATING STATION	8	HARDEE	GT	NG	PL	DFO	TK	0	12 / 2006	--- / ---	54	62	54	62	OP
MIDULLA GENERATING STATION	CT1	HARDEE	CT	NG	PL	DFO	TK	0	1 / 2002	--- / ---	153	182	151.5	180	OP
MIDULLA GENERATING STATION	CT2	HARDEE	CT	NG	PL	DFO	TK	0	1 / 2002	--- / ---	153	182	151.5	180	OP
MIDULLA GENERATING STATION	ST	HARDEE	CA	WH	---	DFO	TK	0	1 / 2002	--- / ---	181	181	179	179	OP
SEMINOLE GENERATING STATION	1	PUTNAM	ST	BIT	RR	---	---	0	2 / 1984	--- / ---	673	713	626	664	OP
SEMINOLE GENERATING STATION	2	PUTNAM	ST	BIT	RR	---	---	0	12 / 1984	--- / ---	680	713	634	665	OP
SEC TOTAL:												2,012	2,178		

\*Jointly Owned Unit

**2018  
LOAD AND RESOURCE PLAN  
FLORIDA RELIABILITY COORDINATING COUNCIL  
FRCC Form 1.0  
EXISTING GENERATING FACILITIES AS OF JANUARY 1, 2018**

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
PLANT NAME	UNIT NO.	LOCATION	UNIT TYPE	PRIMARY FUEL		ALTERNATE FUEL		ALT. FUEL STORAGE (DAYS BURN)	COMMERCIAL IN-SERVICE MO. / YEAR	EXPECTED RETIREMENT MO. / YEAR	GROSS CAPABILITY		NET CAPABILITY		STATUS
				FUEL TYPE	TRANSP. METHOD	FUEL TYPE	TRANSP. METHOD				SUMMER (MW)	WINTER (MW)	SUMMER (MW)	WINTER (MW)	
TALLAHASSEE CITY OF															
C. H. CORN HYDRO	1	LEON	HY	WAT	WA	---	---	0	9 / 1985	--- / ---	0	0	0	0	OP
C. H. CORN HYDRO	2	LEON	HY	WAT	WA	---	---	0	8 / 1985	--- / ---	0	0	0	0	OP
C. H. CORN HYDRO	3	LEON	HY	WAT	WA	---	---	0	1 / 1986	--- / ---	0	0	0	0	OP
HOPKINS	1	LEON	ST	NG	PL	---	---	0	5 / 1971	10 / 2018	81	85	76	78	OP
HOPKINS	2	LEON	CA	WH	---	NG	PL	0	10 / 1977	--- / ---	146	150	141	145	OP
HOPKINS	2A	LEON	CT	NG	PL	DFO	TK	3	6 / 2008	--- / ---	160	186	159	185	OP
HOPKINS	GT3	LEON	GT	NG	PL	DFO	TK	3	9 / 2005	--- / ---	49	49	46	48	OP
HOPKINS	GT4	LEON	GT	NG	PL	DFO	TK	3	11 / 2005	--- / ---	49	49	46	48	OP
PURDOM	8CT	WAKULLA	CT	NG	PL	DFO	TK	9	7 / 2000	--- / ---	160.7	185.2	150	182	OP
PURDOM	8ST	WAKULLA	CA	WH	---	---	---	0	7 / 2000	--- / ---	76.3	80.8	72	76	OP
PURDOM	GT2	WAKULLA	GT	NG	PL	DFO	TK	9	5 / 1964	10 / 2018	10	10	10	10	OP
TAL TOTAL:												700	772		
TAMPA ELECTRIC COMPANY															
BAYSIDE	3	HILLSBOROUGH	GT	NG	PL	---	---	0	7 / 2009	--- / ---	57	62	56	61	OP
BAYSIDE	4	HILLSBOROUGH	GT	NG	PL	---	---	0	7 / 2009	--- / ---	57	62	56	61	OP
BAYSIDE	5	HILLSBOROUGH	GT	NG	PL	---	---	0	4 / 2009	--- / ---	57	62	56	61	OP
BAYSIDE	6	HILLSBOROUGH	GT	NG	PL	---	---	0	4 / 2009	--- / ---	57	62	56	61	OP
BAYSIDE	1A	HILLSBOROUGH	CT	NG	PL	---	---	0	4 / 2003	--- / ---	158	185	156	183	OP
BAYSIDE	1B	HILLSBOROUGH	CT	NG	PL	---	---	0	4 / 2003	--- / ---	158	185	156	183	OP
BAYSIDE	1C	HILLSBOROUGH	CT	NG	PL	---	---	0	4 / 2003	--- / ---	158	185	156	183	OP
BAYSIDE	1ST	HILLSBOROUGH	CA	WH	---	---	---	0	4 / 2003	--- / ---	236	246	233	243	OP
BAYSIDE	2A	HILLSBOROUGH	CT	NG	PL	---	---	0	1 / 2004	--- / ---	158	185	156	183	OP
BAYSIDE	2B	HILLSBOROUGH	CT	NG	PL	---	---	0	1 / 2004	--- / ---	158	185	156	183	OP
BAYSIDE	2C	HILLSBOROUGH	CT	NG	PL	---	---	0	1 / 2004	--- / ---	158	185	156	183	OP
BAYSIDE	2D	HILLSBOROUGH	CT	NG	PL	---	---	0	1 / 2004	--- / ---	158	185	156	183	OP
BAYSIDE	2ST	HILLSBOROUGH	CA	WH	---	---	---	0	1 / 2004	--- / ---	308	318	305	315	OP
BIG BEND	1	HILLSBOROUGH	ST	BIT	WA	NG	PL	0	10 / 1970	--- / ---	410	420	385	395	OP
BIG BEND	2	HILLSBOROUGH	ST	BIT	WA	NG	PL	0	4 / 1973	6 / 2021	410	420	385	395	OP
BIG BEND	3	HILLSBOROUGH	ST	BIT	WA	NG	PL	0	5 / 1976	--- / ---	420	425	395	400	OP
BIG BEND	4	HILLSBOROUGH	ST	BIT	WA	NG	PL	0	2 / 1985	--- / ---	470	475	437	442	OP



2018  
LOAD AND RESOURCE PLAN  
FLORIDA RELIABILITY COORDINATING COUNCIL  
FRCC Form 1.0  
EXISTING GENERATING FACILITIES AS OF JANUARY 1, 2018

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
PLANT NAME	UNIT NO.	LOCATION	UNIT TYPE	PRIMARY FUEL		ALTERNATE FUEL		ALT. FUEL STORAGE (DAYS BURN)	COMMERCIAL IN-SERVICE MO. / YEAR	EXPECTED RETIREMENT MO. / YEAR	GROSS CAPABILITY		NET CAPABILITY		STATUS
				FUEL TYPE	TRANSP. METHOD	FUEL TYPE	TRANSP. METHOD				SUMMER (MW)	WINTER (MW)	SUMMER (MW)	WINTER (MW)	
TAMPA ELECTRIC COMPANY (cont.)															
BIG BEND	CT4	HILLSBOROUGH	GT	NG	PL	---	---	0	8 / 2009	--- / ---	57	62	56	61	OP
POLK	2	POLK	CT	NG	PL	DFO	TK	3	7 / 2000	--- / ---	151	181	150	180	OP
POLK	3	POLK	CT	NG	PL	DFO	TK	3	5 / 2002	--- / ---	151	181	150	180	OP
POLK	4	POLK	CT	NG	PL	---	---	0	3 / 2007	--- / ---	151	181	150	180	OP
POLK	5	POLK	CT	NG	PL	---	---	0	4 / 2007	--- / ---	151	181	150	180	OP
POLK	1CA	POLK	CA	WH	---	---	---	0	9 / 1996	--- / ---	120	120	51	51	OP
POLK	1CT	POLK	CT	PC	TK	NG	PL	0	9 / 1996	--- / ---	170	170	169	169	OP
POLK	2 St	POLK	CA	WH	---	---	---	0	1 / 2017	--- / ---	479	499	461	480	OP
TEC TOTAL (Excluding Solar):													4,793	5,196	
US CORPS OF ENGINEERS - MOBILE															
JIM WOODRUFF	1	GADSDEN	HY	WAT	---	---	---	0	2 / 1957	--- / ---	14.5	14.5	14.5	14.5	OP
JIM WOODRUFF	2	GADSDEN	HY	WAT	---	---	---	0	3 / 1957	--- / ---	14.5	14.5	14.5	14.5	OP
JIM WOODRUFF	3	GADSDEN	HY	WAT	---	---	---	0	4 / 1957	--- / ---	14.5	14.5	14.5	14.5	OP
UCEM TOTAL:													44	44	
FRCC EXISTING (Excluding Firm Solar):													50,756	54,788	
FRCC EXISTING FIRM SOLAR:													148	0	
TOTAL FRCC EXISTING:													50,904	54,788	

2018  
LOAD AND RESOURCE PLAN  
FLORIDA RELIABILITY COORDINATING COUNCIL  
FRCC Form 1.0 (Solar)  
EXISTING SOLAR GENERATING FACILITIES AS OF DECEMBER 31, 2017

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
PLANT NAME	UNIT NO.	LOCATION	UNIT TYPE	PRIMARY FUEL TYPE	COMMERCIAL IN-SERVICE MO. / YEAR	EXPECTED RETIREMENT MO. / YEAR	NAMEPLATE CAPABILITY <sub>AC</sub> (MW)	POTENTIAL EXPORT TO GRID AT TIME OF PEAK				STATUS
								FIRM		NON-FIRM		
								SUM (MW)	WIN (MW)	SUM (MW)	WIN (MW)	
<b>DUKE ENERGY FLORIDA</b>												
OSCEOLA SOLAR	PV1	OSCEOLA	PV	SUN	5 / 2016	--- / -----	3.8	1.7	---	---	---	OP
PERRY SOLAR	PV1	TAYLOR	PV	SUN	8 / 2016	--- / -----	5.1	2.2	---	---	---	OP
SUWANNEE RIVER	PV1	SUWANNEE	PV	SUN	11 / 2017	--- / -----	8.8	3.9	---	---	---	OP
DEF SOLAR TOTAL:							17.7	7.8	0.0	0.0	0.0	
<b>FLORIDA POWER &amp; LIGHT COMPANY</b>												
BABCOCK RANCH SOLAR	1	CHARLOTTE	PV	SUN	12 / 2016	--- / -----	74.5	38.7	---	---	---	OP
CITRUS SOLAR	1	DESOTO	PV	SUN	12 / 2016	--- / -----	74.5	38.7	---	---	---	OP
DESOTO NEXT GENERATION SOLAR ENERGY CENTER	1	DESOTO	PV	SUN	10 / 2009	--- / -----	25.0	11.4	---	---	---	OP
MANATEE SOLAR	1	MANATEE	PV	SUN	12 / 2016	--- / -----	74.5	38.7	---	---	---	OP
SPACE COAST	1	BREVARD	PV	SUN	4 / 2010	--- / -----	10.0	3.1	---	---	---	OP
FPL SOLAR TOTAL:							258.5	130.6	0.0	0.0	0.0	
<b>TAMPA ELECTRIC COMPANY</b>												
BIG BEND SOLAR	1	HILLSBOROUGH	PV	SUN	2 / 2017	--- / -----	19.4	8.7	---	---	---	OP
LEGOLAND	1	HILLSBOROUGH	PV	SUN	12 / 2016	--- / -----	1.5	0.5	---	---	---	OP
TIA	1	HILLSBOROUGH	PV	SUN	12 / 2015	--- / -----	1.6	0.5	---	---	---	OP
TEC SOLAR TOTAL:							22.5	9.7	0.0	0.0	0.0	
FRCC EXISTING (Excluding Firm Solar):								50,756	54,788			
FRCC EXISTING FIRM SOLAR:								148	0			
TOTAL FRCC EXISTING:								50,904	54,788			

**2018  
LOAD AND RESOURCE PLAN  
FLORIDA RELIABILITY COORDINATING COUNCIL**

**FRCC Form 2.0  
SUMMARY OF JOINTLY OWNED GENERATING FACILITIES  
As of December 31, 2017**

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
PLANT NAME	UTILS	LOCATION	UNIT TYPE	PRIMARY FUEL		ALTERNATE FUEL		ALT. FUEL STORAGE (DAYS BURN)	COMMERCIAL IN-SERVICE MO. / YEAR	EXPECTED RETIREMENT MO. / YEAR	NET CAPABILITY		STATUS
				FUEL TYPE	TRANSP. METHOD	FUEL TYPE	TRANSP. METHOD				SUMMER (MW)	WINTER (MW)	
CANE ISLAND 1	FMPA KUA	OSCEOLA	GT	NG	PL	DFO	TK	0	11 / 1994	--- / ---	17.5 <u>17.5</u> <b>35</b>	19 <u>19</u> <b>38</b>	OP OP
CANE ISLAND 2	FMPA KUA	OSCEOLA	CT	NG	PL	DFO	TK	0	6 / 1995	--- / ---	54.5 <u>54.5</u> <b>109</b>	56.5 <u>56.5</u> <b>113</b>	OP OP
CANE ISLAND 3	FMPA KUA	OSCEOLA	CT	NG	PL	---	---	0	1 / 2002	--- / ---	120 <u>120</u> <b>240</b>	125 <u>125</u> <b>250</b>	OP OP
INDIAN RIVER A	FMPA KUA OUC	BREVARD	GT	NG	PL	DFO	TK	0	7 / 1989	--- / ---	12.2 3.8 <u>15.6</u> <b>31.6</b>	14.1 4.4 <u>18.1</u> <b>36.6</b>	OP OP OP
INDIAN RIVER B	FMPA KUA OUC	BREVARD	GT	NG	PL	DFO	TK	0	7 / 1989	--- / ---	12.2 3.8 <u>15.6</u> <b>31.6</b>	14.1 4.4 <u>18.1</u> <b>36.6</b>	OP OP OP
INDIAN RIVER C	FMPA OUC	BREVARD	GT	NG	PL	DFO	TK	0	8 / 1992	--- / ---	21.6 83 <u>104.6</u> <b>104.6</b>	23 88.5 <u>111.5</u> <b>111.5</b>	OP OP
INDIAN RIVER D	FMPA OUC	BREVARD	GT	NG	PL	DFO	TK	0	8 / 1992	--- / ---	21.6 83 <u>104.6</u> <b>104.6</b>	23 88.5 <u>111.5</u> <b>111.5</b>	OP OP
MCINTOSH 3	LAK OUC	POLK	ST	BIT	RR	NA	TK	0	9 / 1982	--- / ---	205 133 <u>338</u> <b>338</b>	205 136 <u>341</u> <b>341</b>	OP OP
SCHERER 4	FPL JEA	MONROE, GA	ST	BIT	RR	---	---	0	7 / 1988	2 / 2029	634 <u>194</u> <b>828</b>	635 <u>194</u> <b>829</b>	OP OP

**2018  
LOAD AND RESOURCE PLAN  
FLORIDA RELIABILITY COORDINATING COUNCIL**

**FRCC Form 2.0  
SUMMARY OF JOINTLY OWNED GENERATING FACILITIES  
As of December 31, 2017**

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
PLANT NAME	UTILS	LOCATION	UNIT TYPE	PRIMARY FUEL		ALTERNATE FUEL		ALT. FUEL STORAGE (DAYS BURN)	COMMERCIAL IN-SERVICE MO. / YEAR	EXPECTED RETIREMENT MO. / YEAR	NET CAPABILITY		STATUS
				FUEL TYPE	TRANSP. METHOD	FUEL TYPE	TRANSP. METHOD				SUMMER (MW)	WINTER (MW)	
											828	829	
ST. JOHNS RIVER 1	FPL JEA	DUVAL	ST	BIT	RR	PC	WA	0	4 / 1987	--- / ---	127	130	OP
											501	510	OP
											628	640	
ST. JOHNS RIVER 2	FPL JEA	DUVAL	ST	BIT	RR	PC	WA	0	7 / 1988	--- / ---	127	130	OP
											501	510	OP
											628	640	
ST. LUCIE 2	FMFA FPL OUC	ST. LUCIE	ST	NUC	TK	---	---	0	6 / 1983	--- / ---	86.2	89.6	OP
											840	860	OP
											60	60	OP
											986.2	1009.6	
STANTON 1	FMFA KUA OUC	ORANGE	ST	BIT	RR	---	---	0	7 / 1987	--- / ---	114.8	114.8	OP
											20.8	20.8	OP
											302.3	302.3	OP
											437.9	437.9	
STANTON 2	FMFA OUC	ORANGE	ST	BIT	RR	---	---	0	6 / 1996	--- / ---	125.1	125.1	OP
											324.3	324.3	OP
											449.4	449.4	
STANTON A <i>(includes SOU capacity purchase)</i>	FMFA KUA OUC	ORANGE	CT	NG	PL	DFO	TK	3	10 / 2003	--- / ---	100.3	106.6	OP
											21.3	22.6	OP
											515.6	527.8	OP
											637.2	657	

**2018**  
**LOAD AND RESOURCE PLAN**  
**FLORIDA RELIABILITY COORDINATING COUNCIL**  
**FRCC Form 1.1**  
**PLANNED AND PROSPECTIVE GENERATING FACILITY ADDITIONS AND CHANGES**  
**(JANUARY 1, 2018 THROUGH DECEMBER 31, 2027)**

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
UTILITY	PLANT NAME	UNIT NO.	LOCATION	UNIT TYPE	PRIMARY FUEL		ALTERNATE FUEL		ALT. FUEL STORAGE (DAYS BURN)	EFFECTIVE CHANGE DATE MO. / YEAR	GROSS CAPABILITY		NET CAPABILITY		CHANGE/ STATUS
					TYPE	TRANS.	TYPE	TRANS.			SUMMER (MW)	WINTER (MW)	SUMMER (MW)	WINTER (MW)	
2018															
FPL	ST. JOHNS RIVER	1	DUVAL	ST	BIT	RR	PC	WA	0	1 / 2018	-127	-130	-127	-130	RT
FPL	ST. JOHNS RIVER	2	DUVAL	ST	BIT	RR	PC	WA	0	1 / 2018	-127	-130	-127	-130	RT
JEA	ST. JOHNS RIVER	1	DUVAL	ST	BIT	RR	PC	WA	0	1 / 2018	-528	-537.6	-501	-510	RT
JEA	ST. JOHNS RIVER	2	DUVAL	ST	BIT	RR	PC	WA	0	1 / 2018	-528	-537.6	-501	-510	RT
FPL	TURKEY POINT	5CTA	DADE	CT	NG	PL	DFO	TK	3	3 / 2018	22.7	16.9	22.7	16.9	A
FPL	TURKEY POINT	5CTB	DADE	CT	NG	PL	DFO	TK	3	3 / 2018	22.7	16.9	22.7	16.9	A
FPL	TURKEY POINT	5CTC	DADE	CT	NG	PL	DFO	TK	3	3 / 2018	22.7	16.9	22.7	16.9	A
FPL	TURKEY POINT	5CTD	DADE	CT	NG	PL	DFO	TK	3	3 / 2018	22.7	16.9	22.7	16.9	A
FPL	TURKEY POINT	5ST	DADE	CA	NG	PL	DFO	TK	3	3 / 2018	-65.3	-51.8	-64.7	-51.3	D
FPL	CAPE CANAVERAL	3B	BREVARD	CT	NG	PL	DFO	TK	4	4 / 2018	-2.5	12.2	-2.5	12.2	OT
FPL	CAPE CANAVERAL	3C	BREVARD	CT	NG	PL	DFO	TK	4	4 / 2018	-2.5	12.2	-2.5	12.2	OT
FPL	CAPE CANAVERAL	3ST	BREVARD	ST	NG	PL	DFO	TK	4	4 / 2018	-4	-18.7	-1.8	-16.7	D
FPL	FT. MYERS	3CTA	LEE	CT	NG	PL	DFO	TK	7	4 / 2018	13	-2	13	-2	OT
FPL	FT. MYERS	3CTB	LEE	CT	NG	PL	DFO	TK	7	4 / 2018	13	-2	13	-2	OT
FPL	MANATEE	3CTA	MANATEE	CT	NG	PL	---	---	0	4 / 2018	-5.4	2	-5.4	2	OT
FPL	MANATEE	3CTB	MANATEE	CT	NG	PL	---	---	0	4 / 2018	-5.4	2	-5.4	2	OT
FPL	MANATEE	3CTC	MANATEE	CT	NG	PL	---	---	0	4 / 2018	-5.4	2	-5.4	2	OT
FPL	MANATEE	3CTD	MANATEE	CT	NG	PL	---	---	0	4 / 2018	-5.4	2	-5.4	2	OT
FPL	MANATEE	3ST	MANATEE	CA	NG	PL	---	---	0	4 / 2018	-0.6	-32.9	0.4	-31.9	OT
FPL	MARTIN	8CTA	MARTIN	CT	NG	PL	DFO	---	0	4 / 2018	-4	2	-4	2	OT
FPL	MARTIN	8CTB	MARTIN	CT	NG	PL	DFO	---	0	4 / 2018	-4	2	-4	2	OT
FPL	MARTIN	8CTC	MARTIN	CT	NG	PL	DFO	TK	3	4 / 2018	-3.3	4	-3.3	4	OT
FPL	MARTIN	8CTD	MARTIN	CT	NG	PL	DFO	TK	3	4 / 2018	-3.3	4	-3.3	4	OT
FPL	MARTIN	8ST	MARTIN	CA	NG	PL	DFO	TK	0	4 / 2018	11.3	-37.6	12.8	-36.2	OT
FPL	SANFORD	4CTA	VOLUSIA	CT	NG	PL	---	---	0	4 / 2018	-1.2	5.2	-1.2	5.2	OT
FPL	SANFORD	4CTB	VOLUSIA	CT	NG	PL	---	---	0	4 / 2018	-1.2	5.2	-1.2	5.2	OT
FPL	SANFORD	4CTC	VOLUSIA	CT	NG	PL	---	---	0	4 / 2018	2.2	2	2.2	2	OT
FPL	SANFORD	4CTD	VOLUSIA	CT	NG	PL	---	---	0	4 / 2018	2.2	2	2.2	2	OT
FPL	SANFORD	4ST	VOLUSIA	CA	NG	PL	---	---	0	4 / 2018	2.6	-29.3	3.6	-28.3	OT
FPL	SANFORD	5CTA	VOLUSIA	CT	NG	PL	---	---	0	4 / 2018	2.2	2	2.2	2	OT
FPL	SANFORD	5CTB	VOLUSIA	CT	NG	PL	---	---	0	4 / 2018	-1.2	5.2	-1.2	5.2	OT
FPL	SANFORD	5CTC	VOLUSIA	CT	NG	PL	---	---	0	4 / 2018	-1.2	5.2	-1.2	5.2	OT
FPL	SANFORD	5CTD	VOLUSIA	CT	NG	PL	---	---	0	4 / 2018	2.2	2	2.2	2	OT
FPL	SANFORD	5ST	VOLUSIA	CA	NG	PL	---	---	0	4 / 2018	2.6	-29.3	3.6	-28.3	OT
FPL	SANFORD	4CTA	VOLUSIA	CT	NG	PL	---	---	0	5 / 2018	11.1	11.7	11.1	11.7	A
FPL	SANFORD	4CTC	VOLUSIA	CT	NG	PL	---	---	0	5 / 2018	-5.5	0	-5.5	0	OT

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**2018**  
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**FRCC Form 1.1**  
**PLANNED AND PROSPECTIVE GENERATING FACILITY ADDITIONS AND CHANGES**  
**(JANUARY 1, 2018 THROUGH DECEMBER 31, 2027)**

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
UTILITY	PLANT NAME	UNIT NO.	LOCATION	UNIT TYPE	PRIMARY FUEL		ALTERNATE FUEL		ALT. FUEL STORAGE (DAYS BURN)	EFFECTIVE CHANGE DATE MO. / YEAR	GROSS CAPABILITY		NET CAPABILITY		CHANGE/ STATUS
					TYPE	TRANS.	TYPE	TRANS.			SUMMER (MW)	WINTER (MW)	SUMMER (MW)	WINTER (MW)	
2018 (cont.)															
FPL	SANFORD	4CTD	VOLUSIA	CT	NG	PL	---	---	0	5 / 2018	-5.5	0	-5.5	0	OT
FPL	SANFORD	4ST	VOLUSIA	CA	NG	PL	---	---	0	5 / 2018	0	1.6	0	1.6	OT
FPL	SANFORD	5CTA	VOLUSIA	CT	NG	PL	---	---	0	5 / 2018	-5.5	0	-5.5	0	OT
FPL	SANFORD	5CTB	VOLUSIA	CT	NG	PL	---	---	0	5 / 2018	11.1	11.7	11.1	11.7	OT
FPL	SANFORD	5CTD	VOLUSIA	CT	NG	PL	---	---	0	5 / 2018	-5.5	0	-5.5	0	OT
FPL	SANFORD	5ST	VOLUSIA	CA	NG	PL	---	---	0	5 / 2018	0	1.6	0	1.6	OT
FPL	WEST COUNTY	3GT1	PALM BEACH	CT	NG	PL	DFO	TK	2	5 / 2018	14.8	25.3	14.8	25.3	OT
FPL	WEST COUNTY	3ST	PALM BEACH	CA	NG	PL	DFO	TK	2	5 / 2018	0.4	-13.5	-1.3	-14.3	OT
FPL	WEST COUNTY	CT1C	PALM BEACH	CT	NG	PL	DFO	TK	2	5 / 2018	14.8	25.3	14.8	25.3	OT
FPL	WEST COUNTY	ST1	PALM BEACH	CA	NG	PL	DFO	TK	2	5 / 2018	0.4	-13.5	-1.3	-14.3	OT
DEF	INTERCESSION CITY	P11	OSCEOLA	GT	DFO	PL	---	---	0	6 / 2018	0	0	140	0	OT
FPL	WEST COUNTY	3GT3	PALM BEACH	CT	NG	PL	DFO	TK	2	7 / 2018	14.8	25.3	14.8	25.3	OT
FPL	WEST COUNTY	3ST	PALM BEACH	CA	NG	PL	DFO	TK	2	7 / 2018	-1.3	-14.3	-1.3	-14.3	OT
DEF	CITRUS	1	CITRUS	CC	NG	PL	NG	PL	0	9 / 2018	830	920	820	910	P
DEF	CRYSTAL RIVER	1	CITRUS	ST	BIT	RR	BIT	WA	0	9 / 2018	-348	-358	-324	-332	RT
DEF	CRYSTAL RIVER	2	CITRUS	ST	BIT	RR	BIT	WA	0	9 / 2018	-462	-469	-442	-448	RT
FPL	CAPE CANAVERAL	3A	BREVARD	CT	NG	PL	DFO	TK	4	9 / 2018	24.2	12.2	24.2	12.2	OT
FPL	CAPE CANAVERAL	3ST	BREVARD	ST	NG	PL	DFO	TK	4	9 / 2018	8.8	2.6	8.8	2.6	OT
FPL	LAUDERDALE	4GT1	BROWARD	CT	NG	PL	DFO	TK	2	10 / 2018	-156	-172.1	-156	-172.1	RT
FPL	LAUDERDALE	4GT2	BROWARD	CT	NG	PL	DFO	TK	2	10 / 2018	-156	-172.1	-156	-172.1	RT
FPL	LAUDERDALE	4ST	BROWARD	CA	NG	PL	DFO	TK	2	10 / 2018	-135	-148.9	-130	-143.9	RT
FPL	LAUDERDALE	5GT1	BROWARD	CT	NG	PL	DFO	TK	2	10 / 2018	-156	-172.1	-156	-172.1	RT
FPL	LAUDERDALE	5GT2	BROWARD	CT	NG	PL	DFO	TK	2	10 / 2018	-156	-172.1	-156	-172.1	RT
FPL	LAUDERDALE	5ST	BROWARD	CA	NG	PL	DFO	TK	2	10 / 2018	-135	-148.9	-130	-143.9	RT
FPL	RIVIERA	5C	PALM BEACH	CT	NG	PL	DFO	TK	4	10 / 2018	24.2	13.8	24.2	13.8	A
FPL	RIVIERA	5ST	PALM BEACH	CA	NG	PL	DFO	TK	4	10 / 2018	-14.8	-2.9	-12.6	-0.9	D
FPL	TURKEY POINT	3	DADE	ST	NUC	TK	---	---	0	10 / 2018	20	20	20	20	A
TAL	HOPKINS	1	LEON	ST	NG	PL	---	---	0	10 / 2018	-81	-85	-76	-78	RT
TAL	PURDOM	GT2	WAKULLA	GT	NG	PL	DFO	TK	9	10 / 2018	-10	-10	-10	-10	RT
TAL	SUB 12 DISTRIBUTED GEN.	IC 1	LEON	IC	NG	PL	---	---	0	10 / 2018	9.3	9.3	9.2	9.2	U
TAL	SUB 12 DISTRIBUTED GEN.	IC 2	LEON	IC	NG	PL	---	---	0	10 / 2018	9.3	9.3	9.2	9.2	U
FPL	SANFORD	4CTA	VOLUSIA	CT	NG	PL	---	---	0	11 / 2018	-2.8	0	-2.8	0	OT
FPL	SANFORD	4CTB	VOLUSIA	CT	NG	PL	---	---	0	11 / 2018	8.3	11.7	8.3	11.7	OT
FPL	SANFORD	4CTC	VOLUSIA	CT	NG	PL	---	---	0	11 / 2018	-2.8	0	-2.8	0	OT
FPL	SANFORD	4CTD	VOLUSIA	CT	NG	PL	---	---	0	11 / 2018	-2.8	0	-2.8	0	OT
FPL	SANFORD	4ST	VOLUSIA	CA	NG	PL	---	---	0	11 / 2018	0	1.6	0	1.6	OT
FPL	SANFORD	5CTA	VOLUSIA	CT	NG	PL	---	---	0	11 / 2018	-2.8	0	-2.8	0	OT

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**(JANUARY 1, 2018 THROUGH DECEMBER 31, 2027)**

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
UTILITY	PLANT NAME	UNIT NO.	LOCATION	UNIT TYPE	PRIMARY FUEL		ALTERNATE FUEL		ALT. FUEL STORAGE (DAYS BURN)	EFFECTIVE CHANGE DATE MO. / YEAR	GROSS CAPABILITY		NET CAPABILITY		CHANGE/ STATUS
					TYPE	TRANS.	TYPE	TRANS.			SUMMER (MW)	WINTER (MW)	SUMMER (MW)	WINTER (MW)	
2018 (cont.)															
FPL	SANFORD	5CTB	VOLUSIA	CT	NG	PL	---	---	0	11 / 2018	-2.8	0	-2.8	0	OT
FPL	SANFORD	5CTC	VOLUSIA	CT	NG	PL	---	---	0	11 / 2018	8.3	11.7	8.3	11.7	OT
FPL	SANFORD	5CTD	VOLUSIA	CT	NG	PL	---	---	0	11 / 2018	-2.8	0	-2.8	0	OT
FPL	SANFORD	5ST	VOLUSIA	CA	NG	PL	---	---	0	11 / 2018	0	1.6	0	1.6	OT
DEF	CITRUS	1	CITRUS	CC	NG	PL	NG	PL	0	12 / 2018	820	910	820	910	P
FPL	MARTIN	1	MARTIN	ST	NG	PL	RFO	WA	21	12 / 2018	-855.8	-862.2	-823	-829	RT
FPL	MARTIN	2	MARTIN	ST	NG	PL	RFO	WA	21	12 / 2018	-834.6	-841	-803	-809	RT
FPL	MARTIN	8CTC	MARTIN	CT	NG	PL	DFO	TK	3	12 / 2018	23.3	0	23.3	0	OT
FPL	MARTIN	8CTD	MARTIN	CT	NG	PL	DFO	TK	3	12 / 2018	23.3	0	23.3	0	OT
FPL	MARTIN	8ST	MARTIN	CA	NG	PL	DFO	TK	0	12 / 2018	3.9	0	3.9	0	OT
FPL	RIVIERA	5B	PALM BEACH	CT	NG	PL	DFO	TK	4	12 / 2018	24.2	13.8	24.2	13.8	A
FPL	RIVIERA	5ST	PALM BEACH	CA	NG	PL	DFO	TK	4	12 / 2018	8.8	1	8.8	1	A
FPL	TURKEY POINT	4	DADE	ST	NUC	TK	---	---	0	12 / 2018	20	20	20	20	A
FPL	WEST COUNTY	CT1A	PALM BEACH	CT	NG	PL	DFO	TK	2	12 / 2018	14.8	25.3	14.8	25.3	A
FPL	WEST COUNTY	CT1B	PALM BEACH	CT	NG	PL	DFO	TK	0	12 / 2018	14.8	25.3	14.8	25.3	A
FPL	WEST COUNTY	ST1	PALM BEACH	CA	NG	PL	DFO	TK	2	12 / 2018	-2.6	-28.7	-2.6	-28.7	OT
TAL	HOPKINS	IC 1	LEON	IC	NG	PL	---	---	0	12 / 2018	18.7	18.7	18.4	18.4	U
TAL	HOPKINS	IC 2	LEON	IC	NG	PL	---	---	0	12 / 2018	18.7	18.7	18.4	18.4	U
TAL	HOPKINS	IC 3	LEON	IC	NG	PL	---	---	0	12 / 2018	18.7	18.7	18.4	18.4	U
TAL	HOPKINS	IC 4	LEON	IC	NG	PL	---	---	0	12 / 2018	18.7	18.7	18.4	18.4	U
2018 TOTAL:												-2,477	-2,716		
2019															
FMPA	ST. LUCIE	2	ST LUCIE	ST	NUC	TK	---	---	0	1 / 2019	13.2	13.7	13.2	13.7	OT
FMPA	STANTON	1	ORANGE	ST	BIT	RR	---	---	0	1 / 2019	20.8	20.8	20.8	20.8	OT
FMPA	STANTON	2	ORANGE	ST	BIT	RR	---	---	0	1 / 2019	16.9	16.9	16.9	16.9	OT
FPL	RIVIERA	5A	PALM BEACH	CT	NG	PL	DFO	TK	4	2 / 2019	24.2	13.8	24.2	13.8	A
FPL	RIVIERA	5ST	PALM BEACH	CA	NG	PL	DFO	TK	4	2 / 2019	8.8	1	8.8	1	A
FPL	FT. MYERS	2CTC	LEE	CT	NG	PL	---	---	0	3 / 2019	15.3	7	15.3	7	A
FPL	FT. MYERS	2CTF	LEE	CT	NG	PL	---	---	0	3 / 2019	15.3	7	15.3	7	A
FPL	FT. MYERS	2ST1	LEE	CA	WH	---	---	---	0	3 / 2019	2.3	2.3	2.3	2.3	A
FPL	FT. MYERS	2ST2	LEE	CA	WH	---	---	---	0	3 / 2019	15.3	26.3	15.9	27.5	A
FPL	FT. MYERS	2CTA	LEE	CT	NG	PL	---	---	0	5 / 2019	20.1	7	20.1	7	A
FPL	FT. MYERS	2CTB	LEE	CT	NG	PL	---	---	0	5 / 2019	20.1	7	20.1	7	A
FPL	FT. MYERS	2CTC	LEE	CT	NG	PL	---	---	0	5 / 2019	4.8	0	4.8	0	A

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**(JANUARY 1, 2018 THROUGH DECEMBER 31, 2027)**

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
UTILITY	PLANT NAME	UNIT NO.	LOCATION	UNIT TYPE	PRIMARY FUEL		ALTERNATE FUEL		ALT. FUEL STORAGE (DAYS BURN)	EFFECTIVE CHANGE DATE MO. / YEAR	GROSS CAPABILITY		NET CAPABILITY		CHANGE/ STATUS
					TYPE	TRANS.	TYPE	TRANS.			SUMMER (MW)	WINTER (MW)	SUMMER (MW)	WINTER (MW)	
2019 (cont.)															
FPL	FT. MYERS	2CTD	LEE	CT	NG	PL	---	---	0	5 / 2019	20.1	7	20.1	7	A
FPL	FT. MYERS	2CTE	LEE	CT	NG	PL	---	---	0	5 / 2019	20.1	7	20.1	7	A
FPL	FT. MYERS	2CTF	LEE	CT	NG	PL	---	---	0	5 / 2019	4.8	0	4.8	0	A
FPL	FT. MYERS	2ST1	LEE	CA	WH	---	---	---	0	5 / 2019	93.6	70.3	93.6	70.3	A
FPL	FT. MYERS	2ST2	LEE	CA	WH	---	---	---	0	5 / 2019	55.3	-56.6	55.3	-56.6	OT
FPL	SANFORD	5CTA	VOLUSIA	CT	NG	PL	---	---	0	5 / 2019	25.6	0	25.6	0	A
FPL	SANFORD	5CTB	VOLUSIA	CT	NG	PL	---	---	0	5 / 2019	25.6	0	25.6	0	A
FPL	SANFORD	5CTC	VOLUSIA	CT	NG	PL	---	---	0	5 / 2019	25.6	0	25.6	0	A
FPL	SANFORD	5CTD	VOLUSIA	CT	NG	PL	---	---	0	5 / 2019	25.6	0	25.6	0	A
FPL	SANFORD	5ST	VOLUSIA	CA	NG	PL	---	---	0	5 / 2019	59.7	41.1	59.4	41.1	A
JEA	BRANDY BRANCH	CT2	DUVAL	CT	NG	PL	---	---	0	5 / 2019	41.5	28.5	41.5	28.5	A
JEA	BRANDY BRANCH	CT3	DUVAL	CT	NG	PL	DFO	TK	0	5 / 2019	41.5	28.5	41.5	28.5	A
FPL	MANATEE	3CTA	MANATEE	CT	NG	PL	---	---	0	6 / 2019	27.1	0	27.1	0	A
FPL	MANATEE	3CTB	MANATEE	CT	NG	PL	---	---	0	6 / 2019	27.1	0	27.1	0	A
FPL	MANATEE	3CTC	MANATEE	CT	NG	PL	---	---	0	6 / 2019	27.1	0	27.1	0	A
FPL	MANATEE	3CTD	MANATEE	CT	NG	PL	---	---	0	6 / 2019	27.1	0	27.1	0	A
FPL	MANATEE	3ST	MANATEE	CA	NG	PL	---	---	0	6 / 2019	7.6	0	7.6	0	A
FPL	MARTIN	8CTA	MARTIN	CT	NG	PL	DFO	---	0	6 / 2019	23.3	0	23.3	0	A
FPL	MARTIN	8CTB	MARTIN	CT	NG	PL	DFO	---	0	6 / 2019	23.3	0	23.3	0	A
FPL	MARTIN	8ST	MARTIN	CA	NG	PL	DFO	TK	0	6 / 2019	3.9	0	3.9	0	A
FPL	OKEECHOBEE ENERGY CENTER	1	UNKNOWN	CC	NG	PL	DFO	PL	0	6 / 2019	1778	1752	1778	1752	P
FPL	WEST COUNTY	CT2A	PALM BEACH	CT	NG	PL	DFO	TK	2	8 / 2019	14.8	25.3	14.8	25.3	A
FPL	WEST COUNTY	CT2B	PALM BEACH	CT	NG	PL	DFO	TK	2	8 / 2019	14.8	25.3	14.8	25.3	A
FPL	WEST COUNTY	CT2C	PALM BEACH	CT	NG	PL	DFO	TK	2	8 / 2019	14.8	25.3	14.8	25.3	A
FPL	WEST COUNTY	ST2	PALM BEACH	CA	NG	PL	DFO	TK	2	8 / 2019	-2.2	-42.2	-3.9	-43	D
FPL	SANFORD	4CTA	VOLUSIA	CT	NG	PL	---	---	0	12 / 2019	25.6	0	25.6	0	A
FPL	SANFORD	4CTB	VOLUSIA	CT	NG	PL	---	---	0	12 / 2019	25.6	0	25.6	0	A
FPL	SANFORD	4CTC	VOLUSIA	CT	NG	PL	---	---	0	12 / 2019	25.6	0	25.6	0	A
FPL	SANFORD	4CTD	VOLUSIA	CT	NG	PL	---	---	0	12 / 2019	25.6	0	25.6	0	A
FPL	SANFORD	4ST	VOLUSIA	CA	NG	PL	---	---	0	12 / 2019	59.7	41.1	59.4	41.1	A
FPL	TURKEY POINT	5ST	DADE	CA	NG	PL	DFO	TK	3	12 / 2019	11.8	11.1	12	11.2	A
2019 TOTAL:												2,775	2,087		



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**(JANUARY 1, 2018 THROUGH DECEMBER 31, 2027)**

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
UTILITY	PLANT NAME	UNIT NO.	LOCATION	UNIT TYPE	PRIMARY FUEL		ALTERNATE FUEL		ALT. FUEL STORAGE (DAYS BURN)	EFFECTIVE CHANGE DATE MO. / YEAR	GROSS CAPABILITY		NET CAPABILITY		CHANGE/ STATUS
					TYPE	TRANS.	TYPE	TRANS.			SUMMER (MW)	WINTER (MW)	SUMMER (MW)	WINTER (MW)	
2020															
FMPA	ST. LUCIE	2	ST LUCIE	ST	NUC	---	TK	---	0	1 / 2020	-1.6	-1.5	-1.6	-1.5	OT
FMPA	STANTON	1	ORANGE	ST	BIT	RR	---	---	0	1 / 2020	6.2	6.2	6.2	6.2	OT
KUA	STANTON	1	ORANGE	ST	BIT	RR	---	---	0	1 / 2020	1.4	1.4	1.4	1.4	A
DEF	AVON PARK	P1	HIGHLANDS	GT	NG	PL	DFO	TK	3	6 / 2020	-24	-25	-24	-25	RT
DEF	AVON PARK	P2	HIGHLANDS	GT	DFO	TK	---	---	0	6 / 2020	-24	-25	-24	-25	RT
DEF	HIGGINS	P1	PINELLAS	GT	NG	PL	DFO	TK	0	6 / 2020	0	0	0	0	RT
DEF	HIGGINS	P2	PINELLAS	GT	NG	PL	DFO	TK	0	6 / 2020	0	0	0	0	RT
DEF	HIGGINS	P3	PINELLAS	GT	NG	PL	DFO	TK	0	6 / 2020	0	0	0	0	RT
DEF	HIGGINS	P4	PINELLAS	GT	NG	PL	DFO	TK	1	6 / 2020	0	0	0	0	RT
2020 TOTAL:												-42	-44		
2021															
FPL	WEST COUNTY	3GT2	PALM BEACH	CT	NG	PL	DFO	TK	2	6 / 2021	14.8	25.3	14.8	25.3	A
FPL	WEST COUNTY	3ST	PALM BEACH	CA	NG	PL	DFO	TK	2	6 / 2021	-1.3	-14.4	-1.3	-14.4	D
TEC	BIG BEND	1	HILLSBOROUGH	ST	BIT	WA	NG	PL	0	6 / 2021	-410	-420	-385	-395	FC
TEC	BIG BEND	2	HILLSBOROUGH	ST	BIT	WA	NG	PL	0	6 / 2021	-410	-420	-385	-395	RT
TEC	BIG BEND	CT5	HILLSBOROUGH	GT	NG	PL	---	---	0	6 / 2021	362	394	330	350	P
TEC	BIG BEND	CT6	HILLSBOROUGH	GT	NG	PL	---	---	0	6 / 2021	362	394	330	350	P
2021 TOTAL:												-97	-79		
2022															
FPL	DANIA BEACH ENERGY CENTER	1	BROWARD	CC	NG	PL	DFO	WA	0	6 / 2022	1163	1176	1163	1176	P
GRU	DEERHAVEN	FS01	ALACHUA	ST	NG	PL	RFO	TK	0	8 / 2022	-80	-80	-75	-75	RT
SEC	SEMINOLE CC FACILITY	TBD	PUTNAM	CC	NG	PL	---	---	0	12 / 2022	1134	1149	1108	1122	L
2022 TOTAL:												2,196	2,223		
2023															
SEC	SEMINOLE GENERATING STATION	1	PUTNAM	ST	BIT	RR	---	---	0	1 / 2023	-673	-713	-626	-664	M
TEC	BIG BEND	-	HILLSBOROUGH	ST	BIT	WA	NG	PL	0	1 / 2023	0	0	-251	-329	OT
TEC	BIG BEND	CT5	HILLSBOROUGH	GT	NG	PL	---	---	0	1 / 2023	0	0	30	42	OP

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(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
UTILITY	PLANT NAME	UNIT NO.	LOCATION	UNIT TYPE	PRIMARY FUEL		ALTERNATE FUEL		ALT. FUEL STORAGE (DAYS BURN)	EFFECTIVE CHANGE DATE MO. / YEAR	GROSS CAPABILITY		NET CAPABILITY		CHANGE/ STATUS
					TYPE	TRANS.	TYPE	TRANS.			SUMMER (MW)	WINTER (MW)	SUMMER (MW)	WINTER (MW)	
2023 (cont.)															
TEC	BIG BEND	CT6	HILLSBOROUGH	GT	NG	PL	---	---	0	1 / 2023	0	0	30	42	OP
TEC	BIG BEND	ST1	HILLSBOROUGH	ST	NG	PL	---	---	0	1 / 2023	337	337	335	335	P
TEC	FUTURE	CT1	UNKNOWN	GT	NG	PL	---	---	0	1 / 2023	231	247	229	245	P
2023 TOTAL:												-253	-329		
2024															
FMPA	TREASURE COAST ENERGY CTR	1	ST LUCIE	CT	NG	PL	DFO	TK	0	1 / 2024	7.5	7.5	7.5	7.5	OT
FMPA	TREASURE COAST ENERGY CTR	1	ST LUCIE	CA	WH	---	DFO	RR	0	1 / 2024	7.5	7.5	7.5	7.5	OT
DEF	OSPREY	CT1	POLK	CT	NG	PL	---	---	0	5 / 2024	100.4	98.3	100.4	98.3	OT
DEF	OSPREY	CT2	POLK	CT	NG	PL	---	---	0	5 / 2024	100.4	98.3	100.4	98.3	OT
DEF	OSPREY	ST	POLK	CA	WH	PL	---	---	0	5 / 2024	135.9	158.3	135.9	158.3	OT
2024 TOTAL:												352	370		
2025															
TAL	HOPKINS	IC 5	LEON	IC	NG	PL	---	---	0	6 / 2025	18.7	18.7	18.4	18.4	P
2025 TOTAL:												18	18		
2026															
TEC	FUTURE	CT2	UNKNOWN	GT	NG	PL	---	---	0	1 / 2026	231	247	229	245	P
GRU	DEERHAVEN	GT01	ALACHUA	GT	NG	PL	DFO	TK	0	7 / 2026	-18	-23	-17.5	-22	RT
GRU	DEERHAVEN	GT02	ALACHUA	GT	NG	PL	DFO	TK	0	8 / 2026	-18	-23	-17.5	-22	RT
2026 TOTAL:												194	201		
2027															
FMPA	CANE ISLAND	4CT	OSCEOLA	CT	NG	PL	---	---	0	1 / 2027	7.5	7.5	7.5	7.5	OT
FMPA	CANE ISLAND	4CW	OSCEOLA	CA	WH	---	---	---	0	1 / 2027	7.5	7.5	7.5	7.5	OT

\*Jointly Owned Unit

2018  
LOAD AND RESOURCE PLAN  
FLORIDA RELIABILITY COORDINATING COUNCIL  
FRCC Form 1.1  
PLANNED AND PROSPECTIVE GENERATING FACILITY ADDITIONS AND CHANGES  
(JANUARY 1, 2018 THROUGH DECEMBER 31, 2027)

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
UTILITY	PLANT NAME	UNIT NO.	LOCATION	UNIT TYPE	PRIMARY FUEL		ALTERNATE FUEL		ALT. FUEL STORAGE (DAYS BURN)	EFFECTIVE CHANGE DATE MO. / YEAR	GROSS CAPABILITY		NET CAPABILITY		CHANGE/ STATUS
					TYPE	TRANS.	TYPE	TRANS.			SUMMER (MW)	WINTER (MW)	SUMMER (MW)	WINTER (MW)	
<u>2027 (cont.)</u>															
DEF	UNKNOWN	P1	UNKNOWN	CT	NG	PL	DFO	TK	4	6 / 2027	226.4	240.1	226.4	240.1	P
DEF	UNKNOWN	P2	UNKNOWN	CT	NG	PL	DFO	TK	4	6 / 2027	226.4	240.1	226.4	240.1	P
DEF	UNKNOWN	P3	UNKNOWN	CT	NG	PL	DFO	TK	4	6 / 2027	226.4	240.1	226.4	240.1	P
2027 TOTAL:													694	735	
FRCC FUTURE (Excluding Firm Solar):													3,361	2,467	
FRCC FUTURE FIRM SOLAR:													2,909	0	
FRCC FUTURE TOTAL:													6,270	2,467	

**2018**  
**LOAD AND RESOURCE PLAN**  
**FLORIDA RELIABILITY COORDINATING COUNCIL**  
**FRCC Form 1.1 (Solar)**  
**PLANNED AND PROSPECTIVE SOLAR GENERATING FACILITY ADDITIONS AND CHANGES**  
**(JANUARY 1, 2018 THROUGH DECEMBER 31, 2027)**

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
UTILITY	PLANT NAME	UNIT NO.	LOCATION	UNIT TYPE	PRIMARY FUEL TYPE	EFFECTIVE CHANGE DATE MO. / YEAR	NAMEPLATE CAPABILITY <sub>AC</sub> (MW)	POTENTIAL EXPORT TO GRID AT TIME OF PEAK				CHANGE/ STATUS
								FIRM		NON-FIRM		
								SUMMER (MW)	WINTER (MW)	SUMMER (MW)	WINTER (MW)	
<u>2018</u>												
FPL	HORIZON SOLAR ENERGY CENTER	1	PUTNAM	PV	SUN	1 / 2018	74.5	40.2	---	---	---	P
FPL	WILDFLOWER SOLAR ENERGY CENTER	1	DESOTO	PV	SUN	1 / 2018	74.5	40.2	---	---	---	P
FPL	INDIAN RIVER SOLAR ENERGY CENTER	1	INDIAN RIVER	PV	SUN	1 / 2018	74.5	40.2	---	---	---	P
FPL	CORAL FARMS SOLAR ENERGY CENTER	1	PUTNAM	PV	SUN	1 / 2018	74.5	40.2	---	---	---	P
FPL	HAMMOCK SOLAR ENERGY CENTER	1	HENDRY	PV	SUN	3 / 2018	74.5	40.2	---	---	---	P
FPL	BAREFOOT BAY SOLAR ENERGY CENTER	1	BREVARD	PV	SUN	3 / 2018	74.5	40.2	---	---	---	P
FPL	BLUE CYPRESS SOLAR ENERGY CENTER	1	INDIAN RIVER	PV	SUN	3 / 2018	74.5	40.2	---	---	---	P
FPL	LOGGERHEAD SOLAR ENERGY CENTER	1	ST LUCIE	PV	SUN	3 / 2018	74.5	40.2	---	---	---	P
TEC	BALM SOLAR	1	HILLSBOROUGH	PV	SUN	9 / 2018	74.4	38.5	---	---	---	U
TEC	PAYNE CREEK SOLAR	1	POLK	PV	SUN	9 / 2018	70.3	36.3	---	---	---	U
-	SOLAR DEGRADATION	-	N/A	PV	SUN	12 / 2018	0.0	-0.3	---	---	---	D(S)
DEF	ST PETERSBURG PIER	PV1	PINELLAS	PV	SUN	12 / 2018	0.3	0.1	---	---	---	P
<u>2019</u>												
TEC	LITHIA SOLAR	1	HILLSBOROUGH	PV	SUN	1 / 2019	74.5	38.5	---	---	---	L
TEC	GRANGE HALL SOLAR	1	HILLSBOROUGH	PV	SUN	1 / 2019	61.1	31.5	---	---	---	L
TEC	PEACE CREEK SOLAR	1	POLK	PV	SUN	1 / 2019	56.6	29.3	---	---	---	L
TEC	BONNIE MINE SOLAR	1	POLK	PV	SUN	1 / 2019	34.5	17.8	---	---	---	L
TEC	MOUNTAIN VIEW SOLAR	1	PASCO	PV	SUN	1 / 2019	55.1	28.5	---	---	---	L
DEF	HAMILTON ENERGY CENTER	PV1	HAMILTON	PV	SUN	3 / 2019	74.9	42.6	---	---	---	P
FPL	SUNSHINE GATEWAY SOLAR	1	ALACHUA	PV	SUN	3 / 2019	74.5	41.0	---	---	---	P
FPL	MIAMI DADE SOLAR	1	DESOTO	PV	SUN	3 / 2019	74.5	41.0	---	---	---	P
FPL	INTERSTATE SOLAR	1	INDIAN RIVER	PV	SUN	3 / 2019	74.5	41.0	---	---	---	P
FPL	PIONEER TRAIL SOLAR	1	PUTNAM	PV	SUN	3 / 2019	74.5	41.0	---	---	---	P
DEF	SOLAR	02	UNKNOWN	PV	SUN	12 / 2019	74.9	42.6	---	---	---	P
DEF	SOLAR	03	UNKNOWN	PV	SUN	12 / 2019	45.0	25.6	---	---	---	P
-	SOLAR DEGRADATION	-	N/A	PV	SUN	12 / 2019	0.0	-1.1	---	---	---	D(S)
<u>2020</u>												
TEC	ALAFIA SOLAR	1	POLK	PV	SUN	1 / 2020	50.3	26.0	---	---	---	P
TEC	WIMAUMA SOLAR	1	HILLSBOROUGH	PV	SUN	1 / 2020	74.5	38.5	---	---	---	P
FPL	UNSITED SOLAR PV 2020	1	UNKNOWN	PV	SUN	3 / 2020	223.5	123.0	---	---	---	P
DEF	SOLAR	04	UNKNOWN	PV	SUN	3 / 2020	74.9	42.6	---	---	---	P
FPL	SoBRA PV Unsited 2020	1	UNKNOWN	PV	SUN	3 / 2020	298.0	163.9	---	---	---	P
-	SOLAR DEGRADATION	-	N/A	PV	SUN	3 / 2020	0.0	-0.2	---	---	---	D(S)
DEF	SOLAR	05	UNKNOWN	PV	SUN	12 / 2020	74.9	42.6	---	---	---	P

**2018**  
**LOAD AND RESOURCE PLAN**  
**FLORIDA RELIABILITY COORDINATING COUNCIL**  
**FRCC Form 1.1 (Solar)**  
**PLANNED AND PROSPECTIVE SOLAR GENERATING FACILITY ADDITIONS AND CHANGES**  
**(JANUARY 1, 2018 THROUGH DECEMBER 31, 2027)**

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
UTILITY	PLANT NAME	UNIT NO.	LOCATION	UNIT TYPE	PRIMARY FUEL TYPE	EFFECTIVE CHANGE DATE MO. / YEAR	NAMEPLATE CAPABILITY <sub>AC</sub> (MW)	POTENTIAL EXPORT TO GRID AT TIME OF PEAK				CHANGE/ STATUS
								FIRM		NON-FIRM		
								SUMMER (MW)	WINTER (MW)	SUMMER (MW)	WINTER (MW)	
<u>2020 (cont.)</u>												
DEF	SOLAR	06	UNKNOWN	PV	SUN	12 / 2020	74.9	42.6	---	---	---	P
DEF	SOLAR	07	UNKNOWN	PV	SUN	12 / 2020	70.0	39.9	---	---	---	P
-	SOLAR DEGRADATION	-	N/A	PV	SUN	12 / 2020	0.0	-1.8	---	---	---	D(S)
<u>2021</u>												
TEC	LAKE HANCOCK SOLAR	1	POLK	PV	SUN	1 / 2021	49.6	25.6	---	---	---	P
FPL	UNSITED SOLAR PV 2021	1	UNKNOWN	PV	SUN	3 / 2021	596.0	328.0	---	---	---	P
-	SOLAR DEGRADATION	-	N/A	PV	SUN	3 / 2021	0.0	-0.4	---	---	---	D(S)
DEF	SOLAR	08	UNKNOWN	PV	SUN	12 / 2021	74.9	42.6	---	---	---	P
DEF	SOLAR	09	UNKNOWN	PV	SUN	12 / 2021	74.9	42.6	---	---	---	P
DEF	SOLAR	10	UNKNOWN	PV	SUN	12 / 2021	60.0	34.2	---	---	---	P
-	SOLAR DEGRADATION	-	N/A	PV	SUN	12 / 2021	0.0	-3.3	---	---	---	D(S)
<u>2022</u>												
FPL	UNSITED SOLAR PV 2022	1	UNKNOWN	PV	SUN	3 / 2022	298.0	163.9	---	---	---	P
-	SOLAR DEGRADATION	-	N/A	PV	SUN	3 / 2021	0.0	-0.4	---	---	---	D(S)
DEF	SOLAR	11	UNKNOWN	PV	SUN	12 / 2022	74.9	42.6	---	---	---	P
-	SOLAR DEGRADATION	-	N/A	PV	SUN	12 / 2021	0.0	-5.1	---	---	---	D(S)
<u>2023</u>												
FPL	UNSITED SOLAR PV 2023	1	UNKNOWN	PV	SUN	3 / 2023	298.0	163.9	---	---	---	P
-	SOLAR DEGRADATION	-	N/A	PV	SUN	3 / 2023	0.0	-0.4	---	---	---	D(S)
DEF	SOLAR	12	UNKNOWN	PV	SUN	12 / 2023	74.9	42.6	---	---	---	P
-	SOLAR DEGRADATION	-	N/A	PV	SUN	12 / 2023	0.0	-5.6	---	---	---	D(S)
<u>2024</u>												
FPL	UNSITED SOLAR PV 2024	1	UNKNOWN	PV	SUN	3 / 2024	298.0	163.9	---	---	---	P
-	SOLAR DEGRADATION	-	N/A	PV	SUN	3 / 2024	0.0	-0.4	---	---	---	D(S)
DEF	SOLAR	13	UNKNOWN	PV	SUN	12 / 2024	74.9	42.6	---	---	---	P
-	SOLAR DEGRADATION	-	N/A	PV	SUN	12 / 2024	0.0	-6.3	---	---	---	D(S)

2018  
LOAD AND RESOURCE PLAN  
FLORIDA RELIABILITY COORDINATING COUNCIL  
FRCC Form 1.1 (Solar)  
PLANNED AND PROSPECTIVE SOLAR GENERATING FACILITY ADDITIONS AND CHANGES  
(JANUARY 1, 2018 THROUGH DECEMBER 31, 2027)

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
UTILITY	PLANT NAME	UNIT NO.	LOCATION	UNIT TYPE	PRIMARY FUEL TYPE	EFFECTIVE CHANGE DATE MO. / YEAR	NAMEPLATE CAPABILITY <sub>AC</sub> (MW)	POTENTIAL EXPORT TO GRID AT TIME OF PEAK				CHANGE/ STATUS
								FIRM		NON-FIRM		
								SUMMER (MW)	WINTER (MW)	SUMMER (MW)	WINTER (MW)	
<u>2025</u>												
FPL	UNSIDED SOLAR PV 2025	1	UNKNOWN	PV	SUN	3 / 2025	298.0	155.0	---	---	---	P
-	SOLAR DEGRADATION	-	N/A	PV	SUN	3 / 2025	0.0	-0.4	---	---	---	D(S)
DEF	SOLAR	14	UNKNOWN	PV	SUN	12 / 2025	74.9	42.6	---	---	---	P
-	SOLAR DEGRADATION	-	N/A	PV	SUN	12 / 2025	0.0	-7.0	---	---	---	D(S)
<u>2026</u>												
FPL	UNSIDED SOLAR PV 2026	1	UNKNOWN	PV	SUN	3 / 2026	298.0	131.0	---	---	---	P
-	SOLAR DEGRADATION	-	N/A	PV	SUN	3 / 2026	0.0	-0.4	---	---	---	D(S)
DEF	SOLAR	15	UNKNOWN	PV	SUN	12 / 2026	74.9	42.6	---	---	---	P
-	SOLAR DEGRADATION	-	N/A	PV	SUN	12 / 2026	0.0	-7.7	---	---	---	D(S)
<u>2027</u>												
FPL	UNSIDED SOLAR PV 2027	1	UNKNOWN	PV	SUN	3 / 2027	298.0	116.0	---	---	---	P
-	SOLAR DEGRADATION	-	N/A	PV	SUN	3 / 2027	0.0	-0.4	---	---	---	D(S)
DEF	SOLAR	16	UNKNOWN	PV	SUN	12 / 2027	74.9	42.6	---	---	---	P
-	SOLAR DEGRADATION	-	N/A	PV	SUN	12 / 2027	0.0	-8.5	---	---	---	D(S)

FRCC FUTURE (Excluding Firm Solar):	3,361	2,467
FRCC FUTURE FIRM SOLAR:	2,909	0
FRCC FUTURE TOTAL:	6,270	2,467

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

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

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
YEAR	INSTALLED CAPACITY		FIRM INTERCHANGE		FIRM	TOTAL	TOTAL PEAK DEMAND (MW)	RESERVE MARGIN W/O EXERCISING LOAD MANAGEMENT & INT.		NET FIRM	RESERVE MARGIN WITH EXERCISING LOAD MANAGEMENT & INT.	
	INSIDE	OUTSIDE	REGIONAL	REGIONAL	NON-UTILITY	AVAILABLE		(MW)	% OF PEAK	PEAK	(MW)	% OF PEAK
	REGION (MW)	REGION (MW)	IMPORTS (MW)	EXPORTS (MW)	PURCHASES (MW)	CAPACITY (MW)				DEMAND (MW)		
2018	49,341	828	649	0	3,980	54,798	47,505	7,293	15%	44,548	10,250	23%
2019	50,905	828	624	0	3,681	56,038	48,264	7,774	16%	45,217	10,821	24%
2020	51,542	828	624	0	3,425	56,419	48,739	7,680	16%	45,608	10,811	24%
2021	51,922	828	350	0	3,466	56,566	49,340	7,226	15%	46,170	10,396	23%
2022	53,289	828	375	0	3,558	58,050	49,852	8,198	16%	46,653	11,397	24%
2023	54,345	828	350	0	3,560	59,083	50,374	8,709	17%	47,144	11,939	25%
2024	54,898	828	350	0	3,198	59,273	51,016	8,257	16%	47,753	11,520	24%
2025	55,107	828	350	0	3,044	59,329	51,585	7,744	15%	48,290	11,039	23%
2026	55,467	828	250	0	2,907	59,452	52,205	7,247	14%	48,897	10,555	22%
2027	56,312	828	275	0	2,252	59,667	52,842	6,825	13%	49,508	10,159	21%

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

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
YEAR	INSTALLED CAPACITY		FIRM INTERCHANGE		FIRM	TOTAL	TOTAL PEAK DEMAND (MW)	RESERVE MARGIN W/O EXERCISING LOAD MANAGEMENT & INT.		NET FIRM	RESERVE MARGIN WITH EXERCISING LOAD MANAGEMENT & INT.	
	INSIDE	OUTSIDE	REGIONAL	REGIONAL	NON-UTILITY	AVAILABLE		(MW)	% OF PEAK	PEAK	(MW)	% OF PEAK
	REGION (MW)	REGION (MW)	IMPORTS (MW)	EXPORTS (MW)	PURCHASES (MW)	CAPACITY (MW)				DEMAND (MW)		
2018 / 19	51,294	829	624	0	3,957	56,705	44,190	12,515	28%	41,215	15,490	38%
2019 / 20	53,336	829	524	0	4,033	58,722	44,667	14,055	31%	41,614	17,108	41%
2020 / 21	53,286	829	524	0	3,703	58,342	45,292	13,050	29%	42,205	16,137	38%
2021 / 22	53,207	829	275	0	3,735	58,046	45,781	12,265	27%	42,668	15,378	36%
2022 / 23	55,101	829	300	0	3,737	59,967	46,262	13,705	30%	43,120	16,847	39%
2023 / 24	55,116	829	300	0	3,521	59,766	46,814	12,952	28%	43,636	16,130	37%
2024 / 25	55,471	829	300	0	3,192	59,792	47,247	12,545	27%	44,037	15,755	36%
2025 / 26	55,734	829	300	0	3,075	59,938	47,829	12,109	25%	44,605	15,333	34%
2026 / 27	55,705	829	225	0	3,040	59,799	48,375	11,424	24%	45,126	14,673	33%
2027 / 28	56,426	829	200	0	2,180	59,634	48,931	10,703	22%	45,655	13,979	31%

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

**2018**  
**FRCC Form 11**  
**CONTRACTED FIRM IMPORTS AND FIRM EXPORTS**  
**FROM/TO OUTSIDE THE FRCC REGION AT TIME OF PEAK (MW)**  
**AS OF JANUARY 1, 2018**

SUMMER							
IMPORTS					EXPORTS		NET INTER-
YEAR	DEF	JEA	SEC	TOTAL		TOTAL	CHANGE
2018	424	225	0	649		0	649
2019	424	200	0	624		0	624
2020	424	200	0	624		0	624
2021	0	200	150	350		0	350
2022	0	225	150	375		0	375
2023	0	250	100	350		0	350
2024	0	250	100	350		0	350
2025	0	250	100	350		0	350
2026	0	250	0	250		0	250
2027	0	275	0	275		0	275
WINTER							
IMPORTS					EXPORTS		NET INTER-
YEAR	DEF	JEA	SEC	TOTAL		TOTAL	CHANGE
2018 / 19	424	200	0	624		0	624
2019 / 20	424	100	0	524		0	524
2020 / 21	424	100	0	524		0	524
2021 / 22	0	125	150	275		0	275
2022 / 23	0	200	100	300		0	300
2023 / 24	0	200	100	300		0	300
2024 / 25	0	200	100	300		0	300
2025 / 26	0	200	100	300		0	300
2026 / 27	0	225	0	225		0	225
2027 / 28	0	200	0	200		0	200



**2018  
LOAD AND RESOURCE PLAN  
FLORIDA RELIABILITY COORDINATING COUNCIL**

**FRCC Form 3.0  
EXISTING NON-UTILITY, QF, AND SELF SERVICE GENERATION FACILITIES  
AS OF DECEMBER 31, 2017**

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
UTILITY	FACILITY NAME	UNIT NO.	LOCATION	UNIT TYPE	FUEL TYPE		COMMERCIAL IN-SERVICE MO. / YEAR	GROSS CAPABILITY		NET CAPABILITY		POTENTIAL EXPORT TO GRID AT TIME OF PEAK				CONTRACT STATUS
								SUM (MW)	WIN (MW)	SUM (MW)	WIN (MW)	FIRM		UNCOMMITTED		
					PRI	ALT						SUM (MW)	WIN (MW)	SUM (MW)	WIN (MW)	
<b><u>DUKE ENERGY FLORIDA</u></b>																
	BEN HILL GRIFFIN	1	POLK	ST	NG	DFO	11 / 1981	0.5	0.5	0.5	0.5	---	---	---	---	NC
	CITRUS WORLD	1	POLK	ST	NG	DFO	11 / 1979	0.4	0.4	0.4	0.4	---	---	---	---	NC
	CITRUS WORLD	4	POLK	ST	NG	DFO	12 / 1987	4.0	4.0	4.0	4.0	---	---	---	---	NC
	FL POWER DEVELOPMENT	1	UNKNOWN	ST	AB	---	6 / 2014	60.0	60.0	60.0	60.0	60.0	60.0	---	---	C
	MULBERRY	1	POLK	CA	NG	DFO	7 / 1994	115.0	120.0	115.0	115.0	115.0	115.0	---	---	C
	ORANGE COGEN (CFR-BIOGEN)	1	POLK	CS	NG	---	6 / 1995	104.0	104.0	104.0	104.0	104.0	104.0	---	---	C
	ORLANDO COGEN	1	ORANGE	CA	NG	---	10 / 1993	125.2	135.0	123.2	133.0	115.0	115.0	9.0	18.8	C
	PASCO COUNTY RES. RECOV.	1	PASCO	ST	MSW	---	3 / 1991	26.0	26.0	23.0	23.0	23.0	23.0	---	---	C
	PINELLAS COUNTY RES. RECOV.	1	PINELLAS	ST	MSW	---	4 / 1983	44.6	44.6	40.0	40.0	40.0	40.0	---	---	C
	PINELLAS COUNTY RES. RECOV.	2	PINELLAS	ST	MSW	---	6 / 1986	17.1	17.1	14.8	14.8	14.8	14.8	---	---	C
	POTASH of SASKATCHEWAN	1	HAMILTON	ST	WH	---	1 / 1980	16.2	16.2	15.0	15.0	---	---	1.0	1.0	NC
	POTASH of SASKATCHEWAN	2	HAMILTON	ST	WH	---	5 / 1986	28.0	28.0	27.0	27.0	---	---	0.2	0.2	NC
	PROCTOR & GAMBLE (BUCKEYE)	1-4	TAYLOR	ST	WDS	---	1 / 1954	38.0	38.0	38.0	38.0	---	---	---	---	NC
	RIDGE GENERATING STATION	1	POLK	ST	WDS	---	5 / 1994	39.6	39.6	39.6	39.6	39.6	39.6	---	---	C
DEF TOTAL:												511.4	511.4	10.2	20.0	
<b><u>FLORIDA MUNICIPAL POWER AGENCY</u></b>																
	CUTRALE		LAKE	CC	NG	---	12 / 1987	4.6	4.6	4.6	4.6	---	---	---	---	NC
	US SUGAR CORPORATION		HENDRY	OT	OBS	---	2 / 1984	26.5	26.5	26.5	26.5	---	---	---	---	NC
FMPA TOTAL:												0.0	0.0	0.0	0.0	
<b><u>FLORIDA POWER &amp; LIGHT COMPANY</u></b>																
	BROWARD-SOUTH	1	BROWARD	OT	MSW	---	4 / 1991	68.0	68.0	54.0	54.0	3.5	3.5	---	---	C
	GEORGIA PACIFIC	1	PUTNAM	OT	WDS	---	2 / 1983	52.0	52.0	52.0	52.0	---	---	---	---	NC
	INDIANTOWN	1	MARTIN	OT	BIT	---	12 / 1995	330.0	330.0	330.0	330.0	330.0	330.0	---	---	C
	INEOS BIO	1	INDIAN RIVER	OT	WDS	OTH	1 / 2014	6.4	6.4	6.4	6.4	---	---	---	---	NC
	MIAMI DADE (RR)	1	DADE	OT	MSW	OTH	9 / 1991	77.0	77.0	77.0	77.0	---	---	---	---	NC
	NEW HOPE / OKEELANTA	1	PALM BEACH	OT	OBS	NG	11 / 1985	140.0	140.0	155.0	180.0	---	---	---	---	NC
	TROPICANA	1	MANATEE	OT	NG	OTH	3 / 1990	46.7	46.7	46.7	46.7	---	---	---	---	NC
	WASTE MANAGEMENT (CCL)	1	BROWARD	OT	LFG	OTH	5 / 2011	7.2	7.2	7.2	7.2	---	---	---	---	NC
	WASTE MANAGEMENT (RE)	1	BROWARD	OT	LFG	OTH	4 / 1989	11.5	11.5	11.5	11.5	---	---	---	---	NC
FPL TOTAL (Excluding Solar):												333.5	333.5	0.0	0.0	

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(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
UTILITY	FACILITY NAME	UNIT NO.	LOCATION	UNIT TYPE	FUEL TYPE		COMMERCIAL IN-SERVICE MO. / YEAR	GROSS CAPABILITY		NET CAPABILITY		POTENTIAL EXPORT TO GRID AT TIME OF PEAK				CONTRACT STATUS
								SUM (MW)	WIN (MW)	SUM (MW)	WIN (MW)	FIRM		UNCOMMITTED		
												SUM (MW)	WIN (MW)	SUM (MW)	WIN (MW)	
					PRI	ALT										
<u>GAINESVILLE REGIONAL UTILITIES</u>																
	G2 ENERGY	1	MARION	IC	LFG	---	12 / 2008	4.0	4.0	3.7	3.4	3.7	3.4	---	---	C
GRU TOTAL:												3.7	3.4	0.0	0.0	
<u>JEA</u>																
	ANHEUSER BUSCH		DUVAL	ST	NG	---	4 / 1988	0.0	0.0	8.0	9.0	---	---	---	---	NC
	TRAILRIDGE	1	DUVAL	IC	LFG	---	12 / 2008	9.0	9.0	9.0	9.0	9.0	9.0	---	---	C
	TRAILRIDGE	2	SARASOTA	IC	LFG	---	2 / 2015	6.0	6.0	6.0	6.0	6.0	6.0	---	---	C
JEA TOTAL (Excluding Solar):												15.0	15.0	0.0	0.0	
<u>SEMINOLE ELECTRIC COOPERATIVE INC</u>																
	BREVARD LANDFILL	1	BREVARD	ST	LFG	---	4 / 2008	9.0	9.0	9.0	9.0	9.0	9.0	---	---	C
	CITY OF TAMPA REF-TO-ENERGY	1	HILLSBOROUGH	ST	MSW	---	8 / 2011	20.0	20.0	20.0	20.0	20.0	20.0	---	---	C
	HARDEE POWER STATION	CT1A	HARDEE	CT	NG	DFO	1 / 2013	74.0	91.0	74.0	91.0	74.0	91.0	---	---	C
	HARDEE POWER STATION	CT1B	HARDEE	CT	NG	DFO	1 / 2013	74.0	91.0	74.0	91.0	74.0	91.0	---	---	C
	HARDEE POWER STATION	CT2A	HARDEE	GT	NG	DFO	1 / 2013	70.0	89.0	70.0	89.0	70.0	89.0	---	---	C
	HARDEE POWER STATION	CT2B	HARDEE	GT	NG	DFO	1 / 2013	70.0	89.0	70.0	89.0	70.0	89.0	---	---	C
	HARDEE POWER STATION	ST1	HARDEE	CA	WH	DFO	1 / 2013	72.0	85.0	72.0	85.0	72.0	85.0	---	---	C
	HILLSB. WASTE TO ENERGY	1	HILLSBOROUGH	ST	MSW	---	3 / 2010	9.5	9.5	9.5	9.5	9.5	9.5	---	---	C
	HILLSB. WASTE TO ENERGY	2	HILLSBOROUGH	ST	MSW	---	3 / 2010	9.5	9.5	9.5	9.5	9.5	9.5	---	---	C
	HILLSB. WASTE TO ENERGY	3	HILLSBOROUGH	ST	MSW	---	3 / 2010	9.5	9.5	9.5	9.5	9.5	9.5	---	---	C
	HILLSB. WASTE TO ENERGY	4	HILLSBOROUGH	ST	MSW	---	3 / 2010	9.5	9.5	9.5	9.5	9.5	9.5	---	---	C
	SEMINOLE LANDFILL	1	SEMINOLE	ST	LFG	---	10 / 2007	6.2	6.2	6.2	6.2	6.2	6.2	---	---	C
	TELOGIA POWER	1	LIBERTY	ST	WDS	---	7 / 2009	13.0	13.0	13.0	13.0	13.0	13.0	---	---	C
	TIMBERLINE ENERGY	1	HERNANDO	ST	LFG	---	2 / 2008	1.6	1.6	1.6	1.6	1.6	1.6	---	---	C
SEC TOTAL:												447.8	532.8	0.0	0.0	

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AS OF DECEMBER 31, 2017**

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
UTILITY	FACILITY NAME	UNIT NO.	LOCATION	UNIT TYPE	FUEL TYPE		COMMERCIAL IN-SERVICE MO. / YEAR	GROSS CAPABILITY		NET CAPABILITY		POTENTIAL EXPORT TO GRID AT TIME OF PEAK				CONTRACT STATUS
								SUM (MW)	WIN (MW)	SUM (MW)	WIN (MW)	FIRM		UNCOMMITTED		
												SUM (MW)	WIN (MW)	SUM (MW)	WIN (MW)	
					PRI	ALT										
TAMPA ELECTRIC COMPANY																
	CF INDUSTRIES	1	HILLSBOROUGH	ST	WH	---	12 / 1988	34.1	34.1	34.1	34.1	---	---	1.2	1.2	NC
	CITY OF TAMPA SEWAGE	1-5	HILLSBOROUGH	IC	OBG	---	7 / 1989	0.5	0.5	0.5	0.5	---	---	---	---	NC
	CUTRALE CITRUS JUICES	1-3	POLK	CC	NG	---	12 / 1987	6.5	6.5	6.5	6.5	---	---	---	---	NC
	MILLPOINT	1-3	HILLSBOROUGH	OT	WH	NG	12 / 1995	43.4	43.4	43.4	43.4	---	---	4.9	4.9	NC
	NEW WALES	1-2	POLK	ST	WH	---	12 / 1984	88.0	88.0	88.0	88.0	---	---	---	---	NC
	RIDGEWOOD	1-2	HILLSBOROUGH	ST	WH	---	10 / 1992	63.0	63.0	63.0	63.0	---	---	---	---	NC
	SOUTH PIERCE	1-2	POLK	ST	WH	---	9 / 1969	35.0	35.0	35.0	35.0	---	---	1.0	1.0	NC
	ST. JOSEPHS HOSPITAL	1	HILLSBOROUGH	IC	NG	---	4 / 1993	1.6	1.6	1.6	1.6	---	---	---	---	NC
TEC TOTAL:												0.0	0.0	7.1	7.1	
FRCC NON-UTILITY (Excluding Solar):												1311	1396	17	27	
FRCC NON-UTILITY SOLAR:												1	0	34	20	
FRCC NON-UTILITY TOTAL:												1,313	1,396	51	47	

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AS OF DECEMBER 31, 2017**

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
UTILITY	FACILITY NAME	UNIT NO.	LOCATION	UNIT TYPE	PRIMARY FUEL TYPE	COMMERCIAL IN-SERVICE MO. / YEAR	NAMEPLATE CAPABILITY <sub>AC</sub> (MW)	POTENTIAL EXPORT TO GRID AT TIME OF PEAK				CONTRACT STATUS
								FIRM		UNCOMMITTED		
								SUM (MW)	WIN (MW)	SUM (MW)	WIN (MW)	
<b><u>FLORIDA POWER &amp; LIGHT COMPANY</u></b>												
	FIRST SOLAR	1	DADE	PV	SUN	3 / 2010	0.1	---	---	---	---	NC
	ROTHENBACK PARK	1	SARASOTA	PV	SUN	10 / 2007	0.2	---	---	---	---	NC
								0.0	0.0	0.0	0.0	
<b><u>JEA</u></b>												
	JACKSONVILLE SOLAR	1	DUVAL	PV	SUN	9 / 2010	12.0	---	---	---	---	C
	MONTGOMERY SOLAR FARM	1	DUVAL	PV	SUN	5 / 2017	7.0	---	---	---	---	C
	OLD PLANK ROAD SOLAR FARM	1	DUVAL	PV	SUN	10 / 2017	3.0	---	---	---	---	C
	STARRATT SOLAR	1	DUVAL	PV	SUN	12 / 2017	5.0	---	---	---	---	C
								0.0	0.0	0.0	0.0	
<b><u>LAKELAND CITY OF</u></b>												
	AIRPORT PHASE 1		POLK	PV	SUN	1 / 2012	2.2	---	---	2.2	---	NC
	AIRPORT PHASE 2		POLK	PV	SUN	9 / 2012	2.7	---	---	2.7	---	NC
	AIRPORT PHASE 3		POLK	PV	SUN	12 / 2016	3.1	---	---	3.1	---	NC
	BELLA VISTA		POLK	PV	SUN	7 / 2015	6.0	---	---	6.0	---	NC
	LAKELAND CENTER		POLK	PV	SUN	3 / 2010	0.2	---	---	0.2	---	NC
								0.0	0.0	14.2	0.0	
<b><u>SEMINOLE ELECTRIC COOPERATIVE INC</u></b>												
	MGS SOLAR	1	HARDEE	PV	SUN	8 / 2017	2.2	1.4	---	---	---	C
								1.4	0.0	0.0	0.0	

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AS OF DECEMBER 31, 2017**

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
UTILITY	FACILITY NAME	UNIT NO.	LOCATION	UNIT TYPE	PRIMARY FUEL TYPE	COMMERCIAL IN-SERVICE MO. / YEAR	NAMEPLATE CAPABILITY <sub>AC</sub> (MW)	POTENTIAL EXPORT TO GRID AT TIME OF PEAK				CONTRACT STATUS
								FIRM		UNCOMMITTED		
								SUM (MW)	WIN (MW)	SUM (MW)	WIN (MW)	
								SUM (MW)	WIN (MW)	SUM (MW)	WIN (MW)	
TALLAHASSEE CITY OF												
	FL SOLAR 1	1	LEON	PV	SUN	12 / 2017	20	---	---	20.0	20.0	C
								0.0	0.0	20.0	20.0	

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**INSTALLATIONS, CHANGES, AND REMOVALS**  
**JANUARY 1, 2018 THROUGH DECEMBER 31, 2027**

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
UTIL	FACILITY NAME	UNIT NO.	LOCATION	UNIT TYPE	FUEL TYPE		COMMERCIAL IN-SERVICE/ RETIREMENT/ OR CHANGE IN CONTRACT MO. / YEAR	GROSS CAPABILITY		NET CAPABILITY		POTENTIAL EXPORT TO GRID AT TIME OF PEAK				CONTRACT STATUS
					PRI	ALT		SUM (MW)	WIN (MW)	SUM (MW)	WIN (MW)	FIRM		UNCOMMITTED		
							SUM (MW)					WIN (MW)	SUM (MW)	WIN (MW)		
<u>2018</u>																
SEC	BREVARD LANDFILL	1	BREVARD	ST	LFG	---	4 / 2018	-9.0	-9.0	-9.0	-9.0	-9.0	-9.0	0.0	0.0	CE
SEC	SEMINOLE LANDFILL	1	SEMINOLE	ST	LFG	---	4 / 2018	-6.2	-6.2	-6.2	-6.2	-6.2	-6.2	0.0	0.0	CE
<u>2019</u>																
DEF	US ECOGEN POLK	1	POLK	OT	AB	---	12 / 2019	60.0	60.0	60.0	60.0	60.0	60.0	0.0	0.0	C
<u>2020</u>																
FPL	INDIANTOWN	2	MARTIN	ST	BIT	---	4 / 2020	-330.0	-330.0	-330.0	-330.0	-330.0	-330.0	0.0	0.0	CE
SEC	TIMBERLINE ENERGY	1	HERNANDO	ST	LFG	---	4 / 2020	-1.6	-1.6	-1.6	-1.6	-1.6	-1.6	0.0	0.0	CE
<u>2021</u>																
SEC	SHADY HILLS CC FACILITY	TBD	PASCO	CC	NG	---	12 / 2021	546.0	573.0	546.0	573.0	546.0	573.0	0.0	0.0	C
<u>2022</u>																
NO ENTRIES																
<u>2023</u>																
DEF	ORLANDO COGEN	1	ORANGE	CA	NG	---	12 / 2023	-125.2	-135.0	-123.2	-133.0	-115.0	-115.0	-9.0	-18.8	NC
GRU	G2 ENERGY	1	MARION	IC	LFG	---	12 / 2023	-4.0	-4.0	-3.7	-3.4	-3.7	-3.7	0.0	0.0	CE
SEC	TELOGIA POWER	1	LIBERTY	ST	WDS	---	12 / 2023	-13.0	-13.0	-13.0	-13.0	-13.0	-13.0	0.0	0.0	CE

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INSTALLATIONS, CHANGES, AND REMOVALS  
JANUARY 1, 2018 THROUGH DECEMBER 31, 2027**

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
UTIL	FACILITY NAME	UNIT NO.	LOCATION	UNIT TYPE	FUEL TYPE		COMMERCIAL IN-SERVICE/ RETIREMENT/ OR CHANGE IN CONTRACT MO. / YEAR	GROSS CAPABILITY		NET CAPABILITY		POTENTIAL EXPORT TO GRID AT TIME OF PEAK				CONTRACT STATUS
					PRI	ALT		SUM (MW)	WIN (MW)	SUM (MW)	WIN (MW)	FIRM		UNCOMMITTED		
												SUM (MW)	WIN (MW)	SUM (MW)	WIN (MW)	
<u>2024</u>																
SEC	SHADY HILLS GENERATING STATION	2	PASCO	GT	NG	DFO	6 / 2024	164.0	173.0	164.0	173.0	164.0	173.0	0.0	0.0	C
SEC	SHADY HILLS GENERATING STATION	3	PASCO	GT	NG	DFO	6 / 2024	164.0	173.0	164.0	173.0	164.0	173.0	0.0	0.0	C
DEF	MULBERRY	1	POLK	CA	NG	---	9 / 2024	-115.0	-120.0	-115.0	-115.0	-115.0	-115.0	0.0	0.0	NC
<u>2025</u>																
SEC	HILLSB. WASTE TO ENERGY	1	HILLSBOROUGH	ST	MSW	---	3 / 2025	-9.5	-9.5	-9.5	-9.5	-9.5	-9.5	0.0	0.0	CE
SEC	HILLSB. WASTE TO ENERGY	2	HILLSBOROUGH	ST	MSW	---	3 / 2025	-9.5	-9.5	-9.5	-9.5	-9.5	-9.5	0.0	0.0	CE
SEC	HILLSB. WASTE TO ENERGY	3	HILLSBOROUGH	ST	MSW	---	3 / 2025	-9.5	-9.5	-9.5	-9.5	-9.5	-9.5	0.0	0.0	CE
SEC	HILLSB. WASTE TO ENERGY	4	HILLSBOROUGH	ST	MSW	---	3 / 2025	-9.5	-9.5	-9.5	-9.5	-9.5	-9.5	0.0	0.0	CE
DEF	ORANGE COGEN (CFR-BIOGEN)	1	POLK	CS	NG	---	12 / 2025	-104.0	-104.0	-104.0	-104.0	-104.0	-104.0	0.0	0.0	CE
<u>2026</u>																
SEC	CITY OF TAMPA REFUSE-TO-ENERGY	1	HILLSBOROUGH	ST	MSW	---	8 / 2026	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	0.0	0.0	CE
JEA	TRAILRIDGE	1	DUVAL	IC	LFG	---	12 / 2026	9.0	9.0	9.0	9.0	-9.0	-9.0	0.0	0.0	CE
JEA	TRAILRIDGE	2	SARASOTA	IC	LFG	NA	12 / 2026	-6.0	-6.0	-6.0	-6.0	-6.0	-6.0	-6.0	-6.0	C
<u>2027</u>																
NO ENTRIES																

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**INSTALLATIONS, CHANGES, AND REMOVALS**  
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(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
UTIL	FACILITY NAME	UNIT NO.	LOCATION	UNIT TYPE	PRIMARY FUEL TYPE	COMMERCIAL IN-SERVICE/ RETIREMENT/ OR CHANGE IN CONTRACT MO. / YEAR	NAMEPLATE CAPABILITY <sub>AC</sub> (MW)	POTENTIAL EXPORT TO GRID AT TIME OF PEAK				CONTRACT STATUS
								FIRM		UNCOMMITTED		
								SUM	WIN	SUM	WIN	
								(MW)	(MW)	(MW)	(MW)	
<u>2018</u>												
JEA	SIMMONS ROAD SOLAR	1	DUVAL	PV	SUN	1 / 2018	2.6	---	---	---	---	C
JEA	BLAIR SITE SOLAR	1	DUVAL	PV	SUN	1 / 2018	5.2	---	---	---	---	C
JEA	OLD KINGS ROAD SOLAR	1	DUVAL	PV	SUN	6 / 2018	1.3	---	---	---	---	C
DEF	SOLAR QF	1 & 2	UNKNOWN	PV	SUN	12 / 2018	5.0	---	---	---	---	NC
JEA	IMESON SOLAR	1	DUVAL	PV	SUN	12 / 2018	75.0	---	---	---	---	C
<u>2019</u>												
TAL	FL SOLAR 4	1	LEON	PV	SUN	12 / 2019	40.0	---	---	40.0	40.0	C
DEF	SOLAR QF	3	UNKNOWN	PV	SUN	12 / 2019	150.0	---	---	---	---	NC
<u>2020</u>												
DEF	SOLAR QF	4	UNKNOWN	PV	SUN	12 / 2020	150.0	---	---	---	---	NC
<u>2021</u>												
SEC	TILLMAN SOLAR CENTER, LLC	TBD	ALACHUA	PV	SUN	6 / 2021	40.0	40.0	---	---	---	C
DEF	SOLAR QF	5	UNKNOWN	PV	SUN	12 / 2021	150.0	---	---	---	---	NC
<u>2022</u>												
-	SOLAR DEGRADATION	-	N/A	PV	SUN	6 / 2022	0.0	-0.2	---	---	---	N/A
DEF	SOLAR QF	6	UNKNOWN	PV	SUN	12 / 2022	75.0	---	---	---	---	NC
<u>2023</u>												
-	SOLAR DEGRADATION	-	N/A	PV	SUN	6 / 2023	0.0	-0.2	---	---	---	N/A
DEF	SOLAR QF	7	UNKNOWN	PV	SUN	6 / 2022	75.0	---	---	---	---	NC
<u>2024</u>												
-	SOLAR DEGRADATION	-	N/A	PV	SUN	6 / 2024	0.0	-0.2	---	---	---	N/A
DEF	SOLAR QF	8	UNKNOWN	PV	SUN	12 / 2024	75.0	---	---	---	---	NC



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JANUARY 1, 2018 THROUGH DECEMBER 31, 2027**

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
UTIL	FACILITY NAME	UNIT NO.	LOCATION	UNIT TYPE	PRIMARY FUEL TYPE	COMMERCIAL IN-SERVICE/ RETIREMENT/ OR CHANGE IN CONTRACT	NAMEPLATE CAPABILITY <sub>AC</sub> (MW)	POTENTIAL EXPORT TO GRID AT TIME OF PEAK				CONTRACT STATUS
						MO. / YEAR		FIRM		UNCOMMITTED		
								SUM	WIN	SUM	WIN	
								(MW)	(MW)	(MW)	(MW)	
<u>2025</u>												
-	SOLAR DEGRADATION	-	N/A	PV	SUN	6 / 2025	0.0	-0.2	---	---	---	N/A
DEF	SOLAR QF	9	UNKNOWN	PV	SUN	12 / 2025	75.0	---	---	---	---	NC
<u>2026</u>												
-	SOLAR DEGRADATION	-	N/A	PV	SUN	6 / 2026	0.0	-0.2	---	---	---	N/A
DEF	SOLAR QF	10	UNKNOWN	PV	SUN	12 / 2026	75.0	---	---	---	---	NC
<u>2027</u>												
-	SOLAR DEGRADATION	-	N/A	PV	SUN	6 / 2027	0.0	-0.2	---	---	---	N/A
DEF	SOLAR QF	11	UNKNOWN	PV	SUN	12 / 2027	75.0	---	---	---	---	NC

**2018**  
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**NON-UTILITY GENERATING FACILITIES SUMMARY**

SUMMER			WINTER		
YEAR	FIRM NET TO GRID (MW)	UNCOMMITTED NUG GENERATION (MW)	YEAR	FIRM NET TO GRID (MW)	UNCOMMITTED NUG GENERATION (MW)
2018	1,297.6	51.5	2018/19	1,380.9	61.3
2019	1,297.6	51.5	2019/20	1,440.9	61.3
2020	1,026.0	51.5	2020/21	1,109.3	61.3
2021	1,066.0	51.5	2021/22	1,682.3	61.3
2022	1,611.8	51.5	2022/23	1,682.3	61.3
2023	1,611.6	51.5	2023/24	1,550.6	42.5
2024	1,807.7	42.5	2024/25	1,781.6	42.5
2025	1,654.5	42.5	2025/26	1,639.6	42.5
2026	1,550.3	42.5	2026/27	1,604.6	36.5
2027	1,515.1	36.5	2027/28	1,604.6	36.5

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(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
PURCHASING ENTITY	SELLING ENTITY	CONTRACT TERM		CONTRACT CAPACITY		PRIMARY FUEL	DESCRIPTION
		FROM (MM/DD/YY)	TO (MM/DD/YY)	SUMMER (MW)	WINTER (MW)		
ALACHUA	FMPA	08/14/83	---	0.4	0.4	NUC	Entitlement Share of St. Lucie Project (St. Lucie #2)
DEF	GE	04/01/07	04/30/24	160	174.03	NG	Shady Hills PPA
DEF	GE	04/01/07	04/30/24	160	174.03	NG	Shady Hills PPA
DEF	GE	04/01/07	04/30/24	160	174.03	NG	Shady Hills PPA
DEF	NSG	06/01/12	05/31/27	160	170.03	NG	Vandolah with present owner (Northern Star Generation)
DEF	NSG	06/01/12	05/31/27	160	170.03	NG	Vandolah with present owner (Northern Star Generation)
DEF	NSG	06/01/12	05/31/27	160	170.03	NG	Vandolah with present owner (Northern Star Generation)
DEF	NSG	06/01/12	05/31/27	160	170.03	NG	Vandolah with present owner (Northern Star Generation)
DEF	SOU	06/01/16	05/31/21	424	424	NG	Southern purchase extension
FKE	FPL	02/17/11	12/31/31	156	122	NG	FKE has entered into a long term full requirements contract with FPL to purchase power.
FMPA	KEY	04/01/98	12/31/32	36.5	36.5	DFO	All KEYS owned capacity is used by FMPA to serve the ARP
FMPA	KUA	01/01/14	---	241.7	252.7	NG	All KUA owned capacity is used by FMPA to serve the ARP
FMPA	SOU	10/01/03	09/30/23	81.4	87.1	NG	PPA with SOU (Stanton A)
FMPA	SOU	12/16/07	12/16/27	162	180	NG	PPA with SOU (Oleander 5)
FMPA	TBD	06/01/24	09/30/24	0	0	OTH	Placeholder for meeting Summer loads plus reserve margin
FMPA	TBD	06/01/25	09/30/25	58	0	OTH	Placeholder for meeting Summer loads plus reserve margin
FMPA	TBD	06/01/26	09/30/26	0	0	OTH	Placeholder for meeting Summer loads plus reserve margin.
FPL	EXELON	05/01/18	09/30/18	200	0	OTH	PPA
FPL	JEA	03/01/87	01/01/18	375	383	BIT	Unit Power Sales - Firm Contract
FPL	OTH	01/01/12	04/01/34	40	40	MSW	Palm Beach SWA
FPL	OTH	01/01/15	04/01/34	70	70	MSW	Palm Beach SWA- additional
FPL	OUC	10/01/18	12/31/20	100	70	OTH	PPA
FPL	TBD	05/01/20	10/31/20	55	0	OTH	Unspecified purchase
FPL	TBD	05/01/27	10/31/27	262	0	OTH	Unspecified Purchase
GRU	FIT	01/01/09	12/31/28	0.6	0.6	SUN	Load-reducing 2009 Feed-In Tariff installations
GRU	FIT	01/01/10	12/31/29	2.7	2.7	SUN	Load-reducing 2010 Feed-In Tariff installations
GRU	FIT	01/01/11	12/31/30	6	6	SUN	Load-reducing 2011 Feed-In Tariff installations
GRU	FIT	01/01/12	12/31/31	4.8	4.8	SUN	Load-reducing 2012 Feed-In Tariff installations
GRU	FIT	01/01/13	12/31/32	4.5	4.5	SUN	Load-reducing 2013 Feed-In Tariff installations
GRU	G2 U1&2	01/01/09	12/31/23	3	3	LFG	This Renewable Energy power producer, G2 Energy, is located in Ocala, FL at the Baseline Landfill.
GRU	G2 U3	09/01/10	12/31/23	0.8	0.8	LFG	This Renewable Energy power producer, G2 Energy, is located in Ocala, FL at the Baseline Landfill.

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(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
PURCHASING ENTITY	SELLING ENTITY	CONTRACT TERM		CONTRACT CAPACITY		PRIMARY FUEL	DESCRIPTION
		FROM (MM/DD/YY)	TO (MM/DD/YY)	SUMMER (MW)	WINTER (MW)		
HST	DEF	01/01/13	12/31/19	40	40	BIT	This is a system sales contract.
HST	FMPA	08/14/83	---	7	7.3	NUC	Entitlement Share in St. Lucie Project (St. Lucie #2)
HST	FMPA	07/01/87	---	7.7	7.7	BIT	Entitlement Share in Stanton Project (Stanton 1)
HST	FMPA	07/01/87	---	5.1	5.1	BIT	Entitlement Share in Tri-City Project (Stanton 1)
HST	FMPA	06/01/96	---	8.3	8.3	BIT	Entitlement Share in Stanton II Project (Stanton 2)
HST	FPL	01/01/16	12/31/24	27	27	OTH	System sale from FPL
HST	MDA	01/01/20	12/31/25	15	15	OTH	TBD
HST	SEC	01/01/16	12/31/21	15	15	OTH	Contract from SEC
JEA	MEAG	11/01/21	11/01/41	100	100	NUC	Nuclear PPA from the Municipal Electric Authority of Georgia (MEAG) for Vogtle Unit 3
JEA	MEAG	11/01/22	11/01/22	100	100	NUC	Nuclear PPA from the Municipal Electric Authority of Georgia (MEAG) for Vogtle Unit 4
JEA	SOU	01/01/18	01/01/20	200	200	NG	Annual Capacity and Energy
LWU	FMPA	08/14/83	01/01/46	21.6	22.41	NUC	Entitlement Share in St. Lucie Project (St. Lucie #2)
LWU	FMPA	07/01/87	01/01/46	10.4	10.4	BIT	Entitlement Share in Stanton Project (Stanton 1)
LWU	OUC	01/01/18	12/31/18	71	71	OTH	Represents PR purchase from OUC.
NSB	DEF	01/01/09	12/31/18	30	30	NA	Partial Requirements
NSB	FMPA	08/14/83	---	8.6	8.9	NUC	Entitlement Share in St. Lucie Project (St. Lucie #2)
NSB	FPL	02/01/14	12/31/21	45	45	NA	Native Load Firm
NSB	FPL	01/01/17	12/31/21	20	20	NG	Peaking
NSB	FPL	01/01/19	12/31/21	30	30	NG	Intermediate
NSB	TBD	01/01/22	12/31/27	60	60	NA	Future supply
OUC	OTH	10/01/13	09/30/33	2.56	2.56	LFG	LFG PPA (Port Charlotte)
OUC	OTH	01/01/17	12/31/36	6	6	LFG	LFG PPA (Orange County)
OUC	OTH	01/01/17	12/31/35	9	9	SUN	Stanton Solar Farm PPA
OUC	OTH	01/01/18	12/31/18	11	11	LFG	LFG PPA (CBI)
OUC	OTH	01/01/19	12/31/19	12	12	LFG	LFG PPA (CBI)
OUC	OTH	01/01/20	12/31/20	13	13	LFG	LFG PPA (CBI)
OUC	OTH	01/01/21	12/31/21	14	14	LFG	LFG PPA (CBI)
OUC	OTH	01/01/22	12/31/22	19	19	LFG	LFG PPA (CBI)
OUC	OTH	01/01/23	12/31/23	21	21	LFG	LFG PPA (CBI)
OUC	OTH	01/01/24	12/31/25	24	24	LFG	LFG PPA (CBI)
OUC	OTH	01/01/26	04/01/28	26	26	LFG	LFG PPA (CBI)

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PURCHASING ENTITY	SELLING ENTITY	CONTRACT TERM		CONTRACT CAPACITY		PRIMARY FUEL	DESCRIPTION
		FROM (MM/DD/YY)	TO (MM/DD/YY)	SUMMER (MW)	WINTER (MW)		
OUC	SOU	01/01/18	09/30/31	342	350	NG	OUC PPA with SOU for Stanton A capacity.
OUC	TBD	10/01/20	12/31/40	19	0	SUN	Future Solar PPA 1
OUC	TBD	10/01/20	12/31/40	37	0	SUN	Future Solar PPA 2
RCI	DEF	01/01/17	12/31/17	138	89	NA	Firm Base Load Purchase, this is a reserved product.
RCI	DEF	01/25/17	01/01/19	53	53	OTH	Firm purchase.
RCI	DEF	01/01/18	12/31/18	139	89	NA	Firm Base Load Purchase, this is a reserved product.
RCI	DEF	01/01/19	12/31/19	140	90	NA	Firm Base Load Purchase, this is a reserved product.
RCI	DEF	01/01/20	12/31/20	141	90	NA	Firm Base Load Purchase, this is a reserved product.
RCI	HARVEST	03/01/14	12/31/34	1.2	1.2	OBG	Harvest Power anaerobic digester
RCI	DEF	03/01/16	03/01/31	5	5	SUN	PV PPA
RCI	OTH	01/01/19	01/01/36	50	50	SUN	PV PPA; FL Solar 5 LLC
RCI	TBD	01/01/21	12/31/21	136	98	NA	Undetermined Purchase, this is a reserved product.
RCI	TBD	01/01/22	12/31/22	141	98	NA	Undetermined Purchase, this is a reserved product.
RCI	TBD	01/01/23	12/31/23	142	99	NA	Undetermined Purchase, this is a reserved product.
RCI	TBD	01/01/24	12/31/24	144	100	NA	Undetermined Purchase, this is a reserved product.
RCI	TBD	01/01/25	12/31/25	145	101	NA	Undetermined Purchase, this is a reserved product.
RCI	TBD	01/01/26	12/31/26	146	103	NA	Undetermined Purchase, this is a reserved product.
RCI	TBD	01/01/27	12/31/27	147	103	NA	Undetermined Purchase, this is a reserved product.
RCI	TBD	01/01/28	12/31/28	148	104	OTH	Undetermined Purchase, this is a reserved product.
RCI	TEC	08/01/18	08/31/18	6	0	NA	Firm Peaking Purchase; this is a reserved product.
SEC	BREVARD	04/01/08	03/31/18	9	9	LFG	Brevard Energy: Landfill gas-to-energy facility
SEC	DEF	01/01/14	12/31/20	0	600	NA	System firm Winter Seasonal Peaking Capacity purchase.
SEC	DEF	01/01/14	12/31/20	150	150	NA	System firm intermediate capacity purchase
SEC	DEF	06/01/16	12/31/18	200	200	NA	System firm intermediate capacity purchase
SEC	DEF	06/01/16	12/31/18	50	50	NA	System Firm Base Capacity Purchase
SEC	DEF	06/01/17	09/30/20	100	0	NA	System firm Summer Seasonal Peaking Capacity purchase
SEC	DEF	01/01/19	05/31/19	0	250	NA	System firm intermediate capacity purchase
SEC	DEF	06/01/19	12/31/22	500	500	NA	System firm intermediate capacity purchase
SEC	DEF	01/01/21	05/31/21	0	5	NA	System firm intermediate capacity purchase
SEC	DEF	01/01/21	05/31/21	0	5	NA	System firm peaking capacity purchase
SEC	DEF	01/01/21	12/31/21	0	150	NA	System firm Winter Seasonal Peaking Capacity purchase

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(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
PURCHASING ENTITY	SELLING ENTITY	CONTRACT TERM		CONTRACT CAPACITY		PRIMARY FUEL	DESCRIPTION
		FROM (MM/DD/YY)	TO (MM/DD/YY)	SUMMER (MW)	WINTER (MW)		
SEC	DEF	06/01/21	12/31/30	50	50	NA	System firm intermediate capacity purchase
SEC	DEF	06/01/21	12/31/26	50	50	NA	System firm peaking capacity purchase
SEC	DEF	01/01/22	12/31/22	0	100	NA	System firm Winter Seasonal Peaking Capacity purchase
SEC	DEF	01/01/23	12/31/23	0	50	NA	System firm Winter Seasonal Peaking Capacity purchase
SEC	DEF	01/01/23	12/31/24	200	200	NA	System firm intermediate capacity purchase
SEC	DEF	01/01/24	12/31/24	0	150	NA	System firm Winter Seasonal Peaking Capacity purchase
SEC	DEF	01/01/25	12/31/25	0	75	NA	System firm Winter Seasonal Peaking Capacity purchase
SEC	DEF	01/01/26	12/31/26	0	175	NA	System firm Winter Seasonal Peaking Capacity purchase
SEC	DEF	01/01/27	12/31/27	100	100	NA	System firm peaking capacity purchase
SEC	DEF	01/01/27	03/31/27	0	300	NA	System firm Winter Seasonal Peaking Capacity purchase
SEC	DEF	01/01/28	12/31/28	200	200	NA	System firm peaking capacity purchase
SEC	DEF	01/01/29	12/31/29	250	250	NA	System firm peaking capacity purchase
SEC	DEF	01/01/30	12/31/30	300	300	NA	System firm peaking capacity purchase
SEC	DEF	01/01/31	12/31/35	50	50	NA	System firm peaking capacity purchase
SEC	FPL	06/01/14	05/31/21	200	200	NA	System firm intermediate capacity purchase
SEC	HILLS	03/01/10	02/28/25	38	38	MSW	Municipal solid waste facility (Hillsborough Waste to Energy)
SEC	HPP	01/01/13	12/31/32	74	91	NG	Intermediate firm capacity purchase - Hardee CT1A
SEC	HPP	01/01/13	12/31/32	70	89	NG	CT firm capacity purchase - Hardee CT2A
SEC	HPP	01/01/13	12/31/32	70	89	NG	CT firm capacity purchase - Hardee CT 2B
SEC	HPP	01/01/13	12/31/32	74	91	NG	Intermediate firm capacity purchase - Hardee CT1B
SEC	HPP	01/01/13	12/31/32	72	85	WH	Intermediate firm capacity purchase - Hardee ST1
SEC	OTH	01/01/14	12/31/55	55	55	DFO	Firm purchase from SECI Members for Diesel Generation (CBGs)
SEC	OTH	12/01/21	11/30/51	546	573	NG	Shady Hills CC Facility. Regulatory approval pending. Not under construction.
SEC	OTH	06/01/24	05/31/39	164	173	NG	Shady Hills Generating Station Unit 2
SEC	OTH	06/01/24	05/31/39	164	173	NG	Shady Hills Generating Station Unit 3
SEC	OTH	08/01/27	08/31/27	1.4	0	SUN	Leased MGS Solar facility. Listed capacity for Summer 2018 with 0.05% yearly output degradation.
SEC	SCS	06/01/21	12/31/22	150	150	NA	SCS system firm baseload capacity purchase
SEC	SCS	01/01/23	05/31/26	100	100	NA	SCS system firm baseload capacity purchase
SEC	SEMINOLE	10/01/07	03/31/18	6.2	6.2	LFG	Seminole Energy: Landfill gas-to-energy facility
SEC	SOU	12/01/02	12/31/21	153	182	NG	CT firm capacity purchase - Oleander 2(2nd PPA) EXTENDED
SEC	SOU	12/01/02	12/31/21	153	182	NG	CT firm capacity purchase - Oleander 3(2nd PPA) EXTENDED

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PURCHASING ENTITY	SELLING ENTITY	CONTRACT TERM		CONTRACT CAPACITY		PRIMARY FUEL	DESCRIPTION
		FROM (MM/DD/YY)	TO (MM/DD/YY)	SUMMER (MW)	WINTER (MW)		
SEC	SOU	12/01/02	12/31/21	153	182	NG	CT firm capacity purchase - Oleander 4(2nd PPA) EXTENDED
SEC	TAMPA	08/01/11	07/31/26	20	20	MSW	McKay Bay Waste to Energy facility (City of Tampa Waste to Energy)
SEC	TBD	06/01/21	09/30/21	1	0	NG	System firm seasonal purchase
SEC	TBD	12/01/21	03/31/22	0	28	NG	System firm seasonal purchase
SEC	TBD	12/01/22	03/31/23	0	34	NG	System firm seasonal purchase
SEC	TBD	12/01/23	03/31/24	0	5	NG	System firm seasonal purchase
SEC	TBD	06/01/26	09/30/26	82	0	NG	System firm seasonal purchase
SEC	TBD	12/01/26	03/31/27	0	2	NG	System firm seasonal purchase
SEC	TBD	06/01/27	09/30/27	81	0	NG	System firm seasonal purchase
SEC	TBD	12/01/27	03/31/28	0	254	NG	System firm seasonal purchase
SEC	TELOGIA	07/01/09	11/30/23	13	13	WDS	Telogia Power LLC: Wood waste fueled biomass facility
SEC	TILLMAN	06/01/21	05/31/22	40	0	SUN	Coronal Power subsidiary. Regulatory approval process not started.
SEC	TILLMAN	06/01/22	05/31/23	39.8	0	SUN	Tillman Solar 0.05% yearly output degradation
SEC	TILLMAN	06/01/23	05/31/24	39.6	0	SUN	Tillman Solar 0.05% yearly output degradation
SEC	TILLMAN	06/01/24	05/31/25	39.4	0	SUN	Tillman Solar 0.05% yearly output degradation
SEC	TILLMAN	06/01/25	05/31/26	39.2	0	SUN	Tillman Solar 0.05% yearly output degradation
SEC	TILLMAN	06/01/26	05/31/27	39	0	SUN	Tillman Solar 0.05% yearly output degradation
SEC	TILLMAN	06/01/27	05/31/28	38.8	0	SUN	Tillman Solar 0.05% yearly output degradation
SEC	TIMBERLINE	02/01/08	03/31/20	1.6	1.6	LFG	Timberline Energy: Landfill gas-to-energy facility - Hernando
STC	FMPA	06/01/96	01/01/46	15.1	15.1	BIT	Entitlement Share in Stanton II Project (Stanton 2)
STC	OUC	10/01/17	09/30/18	172	154	OTH	Interchange between OUC and STC per Interlocal Agreement.
STC	OUC	10/01/18	09/30/19	175	158	OTH	Interchange between OUC and STC per Interlocal Agreement.
STC	OUC	10/01/19	09/30/20	179	161	OTH	Interchange between OUC and STC per Interlocal Agreement.
STC	OUC	10/01/20	09/30/21	183	164	OTH	Interchange between OUC and STC per Interlocal Agreement.
STC	OUC	10/01/21	09/30/22	188	168	OTH	Interchange between OUC and STC per Interlocal Agreement.
STC	OUC	10/01/22	09/30/23	192	172	OTH	Interchange between OUC and STC per Interlocal Agreement.
STC	OUC	10/01/23	09/30/24	197	176	OTH	Interchange between OUC and STC per Interlocal Agreement.
STC	OUC	10/01/24	09/30/25	202	181	OTH	Interchange between OUC and STC per Interlocal Agreement.
STC	OUC	10/01/25	09/30/26	207	186	OTH	Interchange between OUC and STC per Interlocal Agreement.
STC	OUC	10/01/26	09/30/27	213	190	OTH	Interchange between OUC and STC per Interlocal Agreement.
STC	OUC	10/01/27	09/30/28	213	195	OTH	Interchange between OUC and STC per Interlocal Agreement.

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(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
PURCHASING ENTITY	SELLING ENTITY	CONTRACT TERM		CONTRACT CAPACITY		PRIMARY FUEL	DESCRIPTION
		FROM (MM/DD/YY)	TO (MM/DD/YY)	SUMMER (MW)	WINTER (MW)		
TEC	PAC	01/01/09	12/31/18	121	121	NG	Firm purchase contract with Quantum Pasco Power through 12/31/2018.
TEC	TBD	01/01/22	03/31/22	0	100	NA	TBD
VER	FMPA	08/14/83	01/01/46	13.17	13.7	NUC	Entitlement Share in St. Lucie Project (St. Lucie #2)
VER	FMPA	07/01/87	01/01/46	20.8	20.8	BIT	Entitlement Share in Stanton Project (Stanton 1)
VER	FMPA	07/01/87	01/01/46	17	17	BIT	Entitlement Share in Stanton II Project (Stanton 2)
VER	OUC	01/01/18	09/30/18	140	138	OTH	Represents MW projected to be provided to VER by OUC.



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**FRCC Form 9.0  
FUEL REQUIREMENTS  
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(1)	(2)	(3)	(4)	(5) <u>ACTUAL</u>	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
FUEL REQUIREMENTS			UNITS	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
(1)	NUCLEAR		TRILLION BTU	318	333	335	336	335	335	335	336	335	335	335
(2)	COAL		1000 TON	18,616	15,160	14,679	13,979	13,720	13,172	10,194	11,101	10,796	10,847	11,308
RESIDUAL														
(3)	STEAM		1000 BBL	2,063	88	49	2	9	0	2	3	3	5	8
(4)	CC		1000 BBL	0	0	0	0	0	0	0	0	0	0	0
(5)	CT		1000 BBL	0	0	0	0	0	0	0	0	0	0	0
(6)	TOTAL:		1000 BBL	2,063	88	49	2	9	0	2	3	3	5	8
DISTILLATE														
(7)	STEAM		1000 BBL	106	66	57	54	56	54	45	52	65	54	65
(8)	CC		1000 BBL	954	11	0	0	0	0	3	1	0	0	0
(9)	CT		1000 BBL	1,200	206	184	86	76	92	84	171	206	285	301
(10)	TOTAL:		1000 BBL	2,260	283	241	140	132	146	132	224	271	339	366
NATURAL GAS														
(11)	STEAM		1000 MCF	102,592	71,099	48,570	38,509	33,362	34,392	30,030	31,136	32,636	31,923	36,541
(12)	CC		1000 MCF	991,264	972,355	993,520	1,002,248	1,000,399	991,052	1,044,626	1,048,924	1,058,548	1,068,361	1,067,400
(13)	CT		1000 MCF	22,960	20,533	19,514	15,607	17,871	20,345	15,974	16,589	17,941	19,783	31,459
(14)	TOTAL:		1000 MCF	1,116,816	1,063,987	1,061,604	1,056,364	1,051,632	1,045,789	1,090,630	1,096,649	1,109,125	1,120,067	1,135,400
(15)	OTHER													
	PET COKE		1000 TON	380	366	432	433	396	432	423	396	432	432	395
	LFG & BIOFUELS		1000 MMBTU	701	1,075	807	871	782	732	734	733	876	699	756

**2018  
LOAD AND RESOURCE PLAN  
FLORIDA RELIABILITY COORDINATING COUNCIL**

**FRCC Form 9.1  
ENERGY SOURCES (GWH)  
AS OF JANUARY 1, 2018**

(1)	(2)	(3)	(4)	(5) ACTUAL	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
	ENERGY SOURCES		UNITS	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
(1)	FIRM INTER-REGION INTERCHANGE		GWH	5,142	3,720	2,704	2,361	2,886	3,201	3,955	3,178	3,250	3,509	2,355
(2)	NUCLEAR		GWH	29,080	31,409	31,486	31,559	31,481	31,458	31,486	31,546	31,462	31,468	31,445
(3)	COAL		GWH	37,300	34,474	32,901	31,385	31,767	29,374	22,035	23,086	23,601	23,575	24,457
	RESIDUAL													
(4)	STEAM		GWH	185	58	32	1	6	0	1	2	2	3	5
(5)	CC		GWH	0	0	0	0	0	0	0	0	0	0	0
(6)	CT		GWH	0	0	0	0	0	0	0	0	0	0	0
(7)	TOTAL:		GWH	185	58	32	1	6	0	1	2	2	3	5
	DISTILLATE													
(8)	STEAM		GWH	54	24	24	23	23	21	11	10	11	10	11
(9)	CC		GWH	119	15	0	0	0	0	2	0	0	0	0
(10)	CT		GWH	129	91	84	44	43	49	47	79	95	126	135
(11)	TOTAL:		GWH	302	130	108	67	66	70	60	89	106	136	146
	NATURAL GAS													
(12)	STEAM		GWH	8,878	6,464	4,353	3,396	2,949	3,092	2,617	2,723	2,869	2,778	3,239
(13)	CC		GWH	138,929	140,531	145,496	147,343	146,942	145,932	155,542	156,110	157,402	158,825	158,628
(14)	CT		GWH	1,978	1,772	1,776	1,449	1,698	1,937	1,455	1,502	1,592	1,750	2,916
(15)	TOTAL:		GWH	149,785	148,767	151,625	152,188	151,589	150,961	159,614	160,335	161,863	163,353	164,783
(16)	NUG		GWH	1,754	1,920	1,920	1,927	1,921	1,922	1,923	806	496	2	2
	RENEWABLES													
(17)	BIOFUELS		GWH	23	23	23	23	23	23	23	23	23	23	23
(18)	BIOMASS		GWH	1,146	1,038	914	1,343	1,248	1,217	1,230	1,217	1,323	1,192	1,242
(19)	HYDRO		GWH	13	14	14	14	14	14	14	14	14	14	14
(20)	LANDFILL GAS		GWH	252	392	395	410	418	425	444	422	439	452	336
(21)	MSW		GWH	896	1,072	1,072	1,077	1,074	1,074	1,074	1,077	1,074	1,074	1,074
(22)	SOLAR		GWH	796	2,383	4,390	6,919	9,649	11,132	12,136	13,169	14,130	15,122	16,112
(23)	WIND		GWH	0	0	0	0	0	0	0	0	0	0	0
(24)	OTHER RENEW.		GWH	0	0	0	0	0	0	0	0	0	0	0
(25)	TOTAL:		GWH	3,126	4,922	6,808	9,786	12,426	13,885	14,921	15,922	17,003	17,877	18,801
(26)	OTHER		GWH	5,721	6,735	7,116	7,505	6,341	9,509	7,715	9,071	7,986	7,926	8,059
(27)	NET ENERGY FOR LOAD		GWH	232,395	232,135	234,700	236,779	238,483	240,380	241,710	244,035	245,769	247,849	250,053

**2018  
LOAD AND RESOURCE PLAN  
FLORIDA RELIABILITY COORDINATING COUNCIL**

**FRCC Form 9.2  
ENERGY SOURCES (%)  
AS OF JANUARY 1, 2018**

(1)	(2)	(3)	(4)	(5) ACTUAL	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
	ENERGY SOURCES		UNITS	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
(1)	FIRM INTER-REGION INTERCHANGE		%	2.21%	1.60%	1.15%	1.00%	1.21%	1.33%	1.64%	1.30%	1.32%	1.42%	0.94%
(2)	NUCLEAR		%	12.51%	13.53%	13.42%	13.33%	13.20%	13.09%	13.03%	12.93%	12.80%	12.70%	12.58%
(3)	COAL		%	16.05%	14.85%	14.02%	13.25%	13.32%	12.22%	9.12%	9.46%	9.60%	9.51%	9.78%
	RESIDUAL													
(4)	STEAM		%	0.08%	0.02%	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
(5)	CC		%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
(6)	CT		%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
(7)	TOTAL:		%	0.08%	0.02%	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	DISTILLATE													
(8)	STEAM		%	0.02%	0.01%	0.01%	0.01%	0.01%	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%
(9)	CC		%	0.05%	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
(10)	CT		%	0.06%	0.04%	0.04%	0.02%	0.02%	0.02%	0.02%	0.03%	0.04%	0.05%	0.05%
(11)	TOTAL:		%	0.13%	0.06%	0.05%	0.03%	0.03%	0.03%	0.02%	0.04%	0.04%	0.05%	0.06%
	NATURAL GAS													
(12)	STEAM		%	3.82%	2.78%	1.85%	1.43%	1.24%	1.29%	1.08%	1.12%	1.17%	1.12%	1.30%
(13)	CC		%	59.78%	60.54%	61.99%	62.23%	61.62%	60.71%	64.35%	63.97%	64.04%	64.08%	63.44%
(14)	CT		%	0.85%	0.76%	0.76%	0.61%	0.71%	0.81%	0.60%	0.62%	0.65%	0.71%	1.17%
(15)	TOTAL:		%	64.45%	64.09%	64.60%	64.27%	63.56%	62.80%	66.04%	65.70%	65.86%	65.91%	65.90%
(16)	NUG		%	0.75%	0.83%	0.82%	0.81%	0.81%	0.80%	0.80%	0.33%	0.20%	0.00%	0.00%
	RENEWABLES													
(17)	BIOFUELS		%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%
(18)	BIOMASS		%	0.49%	0.45%	0.39%	0.57%	0.52%	0.51%	0.51%	0.50%	0.54%	0.48%	0.50%
(19)	HYDRO		%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%
(20)	LANDFILL GAS		%	0.11%	0.17%	0.17%	0.17%	0.18%	0.18%	0.18%	0.17%	0.18%	0.18%	0.13%
(21)	MSW		%	0.39%	0.46%	0.46%	0.45%	0.45%	0.45%	0.44%	0.44%	0.44%	0.43%	0.43%
(22)	SOLAR		%	0.34%	1.03%	1.87%	2.92%	4.05%	4.63%	5.02%	5.40%	5.75%	6.10%	6.44%
(23)	WIND		%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
(24)	OTHER RENEW.		%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
(25)	TOTAL:		%	1.35%	2.12%	2.90%	4.13%	5.21%	5.78%	6.17%	6.52%	6.92%	7.21%	7.52%
(26)	OTHER		%	2.46%	2.90%	3.03%	3.17%	2.66%	3.96%	3.19%	3.72%	3.25%	3.20%	3.22%
(27)	NET ENERGY FOR LOAD		%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%

**2018  
LOAD AND RESOURCE PLAN  
FLORIDA RELIABILITY COORDINATING COUNCIL**

**FRCC Form 13  
SUMMARY AND SPECIFICATIONS OF PROPOSED TRANSMISSION LINES  
AS OF JANUARY 1, 2018**

(1)	(2)		(3)	(4)	(5)	(6)	(7)
LINE OWNERSHIP	TERMINALS		LINE LENGTH CKT. MILES	COMMERCIAL IN-SERVICE (MO./YR)	NOMINAL VOLTAGE (kV)	CAPACITY (MVA)	SITED UNDER *
TAL	SUB 14 115	SUB 7 115	5.97	6 / 2018	115	230	NA
TEC	ASPEN	BALM SOLAR	0.7	9 / 2018	230	1119	NA
FPL	RAVEN	DUVAL	45	12 / 2018	230	759	TLSA
FPL	ST. JOHNS	PRINGLE	25	12 / 2018	230	759	TLSA
TEC	MINES	LITHIA SOLAR	0.1	12 / 2018	230	1119	NA
FPL	LEVEE	MIDWAY	150	6 / 2019	500	2598	TLSA
TEC	POLK POWER STATION	ALAFIA SOLAR	1.7	12 / 2019	230	1119	NA
JEA	GREENLAND ENERGY CTR	NOCATEE	4.4	12 / 2020	230	668	NA
TEC	RECKER	LAKE HANCOCK SOLAR	0.1	12 / 2020	230	1119	NA
TEC	BIG BEND	BIG BEND CT 5	0.1	6 / 2021	230	1793	NA
TEC	BIG BEND	BIG BEND CT 6	0.1	6 / 2021	230	1399	NA
TEC	BIG BEND	BIG BEND ST 1	0.1	1 / 2023	230	1793	NA
TEC	UNSITED	UNSITED (FUTURE CT1)	0	1 / 2023	0	0	NA
DEF	KATHLEEN	HAINES CITY EAST	50	6 / 2023	230	1260	NA
TEC	UNSITED	UNSITED (FUTURE CT 2)	0	1 / 2026	0	0	NA

\* TLSA: Transmission Line Siting Act

\* PPSA: Power Plant Siting Act

**2018  
LOAD AND RESOURCE PLAN  
FLORIDA RELIABILITY COORDINATING COUNCIL**

**ABBREVIATIONS  
ELECTRIC MARKET PARTICIPANTS**

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

**OTHER**

FRCC - Florida Reliability Coordinating Council

**2018  
LOAD AND RESOURCE PLAN  
FLORIDA RELIABILITY COORDINATING COUNCIL**

**GENERATION TERMS**

Status of Generation Facilities

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

Ownership

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

Contracts

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

Types of Generation Units

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

Fuel Transportation Method

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

Types of Fuel

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

**2018  
LOAD AND RESOURCE PLAN  
FLORIDA RELIABILITY COORDINATING COUNCIL**

**CONTRACT TERMS**

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

**2018  
LOAD AND RESOURCE PLAN  
FLORIDA RELIABILITY COORDINATING COUNCIL  
DEFINITIONS**

**CAAGR**

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

**INTERRUPTIBLE LOAD**

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

**LOAD FACTOR**

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

**NET CAPABILITY OR NET CAPACITY**

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

**NET ENERGY FOR LOAD (NEL)**

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

**PEAK DEMAND OR PEAK LOAD**

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

**PENINSULAR FLORIDA**

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

**QUALIFYING FACILITY (QF)**

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

**SALES FOR RESALE**

- Energy sales to other electric utilities.

**STATE OF FLORIDA**

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

**SUMMER**

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

**WINTER**

- December 1 through March 1.

**YEAR**

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



**STATE OF FLORIDA SUPPLEMENT**

**TO THE**

**FLORIDA RELIABILITY COORDINATING COUNCIL**

**2018**

**REGIONAL LOAD & RESOURCE PLAN**

**2018  
LOAD AND RESOURCE PLAN  
STATE OF FLORIDA  
HISTORY AND FORECAST**

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
SUMMER PEAK DEMAND (MW)					WINTER PEAK DEMAND (MW)					ENERGY		
YEAR	ACTUAL PEAK DEMAND (MW)				YEAR	ACTUAL PEAK DEMAND (MW)				YEAR	NET ENERGY FOR LOAD (GWH)	LOAD FACTOR (%)
2008	47,562				2008 / 09	48,304				2008	240,891	57.8%
2009	49,142				2009 / 10	54,780				2009	239,415	55.6%
2010	48,427				2010 / 11	48,789				2010	247,276	51.5%
2011	47,724				2011 / 12	40,920				2011	237,860	55.7%
2012	46,709				2012 / 13	38,893				2012	234,312	57.3%
2013	47,301				2013 / 14	42,071				2013	235,057	56.7%
2014	48,659				2014 / 15	45,653				2014	238,689	56.0%
2015	48,649				2015 / 16	40,448				2015	248,351	58.3%
2016	50,606				2016 / 17	39,046				2016	246,495	55.6%
2017	49,502				2017 / 18	47,347				2017	246,033	56.7%

  

YEAR	TOTAL PEAK DEMAND (MW)	INTER- RUPTIBLE LOAD (MW)	LOAD MANAGE- MENT (MW)	NET FIRM PEAK DEMAND (MW)	YEAR	TOTAL PEAK DEMAND (MW)	INTER- RUPTIBLE LOAD (MW)	LOAD MANAGE- MENT (MW)	NET FIRM PEAK DEMAND (MW)	YEAR	NET ENERGY FOR LOAD (GWH)	LOAD FACTOR (%)
2018	50,319	528	2,429	47,362	2018 / 19	46,899	498	2,477	43,924	2018	245,856	59.3%
2019	51,101	546	2,501	48,054	2019 / 20	47,451	526	2,527	44,398	2019	248,490	59.0%
2020	51,587	576	2,555	48,456	2020 / 21	48,065	522	2,565	44,978	2020	250,625	59.0%
2021	52,201	575	2,595	49,031	2021 / 22	48,558	518	2,595	45,445	2021	252,352	58.8%
2022	52,720	573	2,626	49,521	2022 / 23	49,046	517	2,625	45,904	2022	254,286	58.6%
2023	53,248	573	2,657	50,018	2023 / 24	49,597	523	2,655	46,419	2023	255,658	58.3%
2024	53,890	576	2,687	50,627	2024 / 25	50,035	524	2,686	46,825	2024	258,007	58.2%
2025	54,463	576	2,719	51,168	2025 / 26	50,623	508	2,716	47,399	2025	259,742	57.9%
2026	55,089	559	2,749	51,781	2026 / 27	51,177	502	2,747	47,928	2026	261,844	57.7%
2027	55,730	556	2,778	52,396	2027 / 28	51,662	500	2,776	48,386	2027	264,070	57.5%

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

**2018  
LOAD AND RESOURCE PLAN  
STATE OF FLORIDA**  
**FRCC Form 4.0  
HISTORY AND FORECAST OF ENERGY CONSUMPTION AND  
NUMBER OF CUSTOMERS BY CUSTOMER CLASS  
AS OF JANUARY 1, 2018**

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
YEAR	RURAL & RESIDENTIAL			COMMERCIAL			INDUSTRIAL			STREET & HIGHWAY LIGHTING GWH	OTHER SALES GWH	TOTAL SALES GWH	WHOLESALE PURCHASES FOR RESALE GWH	WHOLESALE SALES FOR RESALE GWH	UTILITY USE & LOSSES GWH	AGGREGATION ADJUSTMENT GWH	NET ENERGY FOR LOAD GWH
	AVERAGE GWH	AVERAGE NO. OF CUSTOMERS	AVG. KWH CONSUMPTION PER CUST.	AVERAGE GWH	AVERAGE NO. OF CUSTOMERS	AVG. KWH CONSUMPTION PER CUST.	AVERAGE GWH	AVERAGE NO. OF CUSTOMERS	AVG. KWH CONSUMPTION PER CUST.								
2008	112,425	8,351,236	13,462	82,204	1,036,492	79,310	22,619	30,136	750,564	829	5,385	223,462	0	11,774	13,891	-8,236	240,891
2009	113,343	8,338,111	13,593	80,874	1,033,057	78,286	20,811	27,627	753,285	839	5,382	221,249	0	8,515	14,472	-4,821	239,415
2010	118,871	8,325,474	14,278	80,171	1,030,890	77,769	20,716	27,047	765,926	858	5,365	225,981	0	9,840	16,782	-5,327	247,276
2011	113,410	8,364,698	13,558	80,321	1,037,455	77,421	20,543	27,184	755,702	850	5,340	220,464	0	8,948	12,448	-4,000	237,860
2012	109,163	8,419,984	12,965	80,905	1,047,831	77,212	19,616	25,979	755,071	845	5,351	215,880	0	8,341	13,541	-3,450	234,312
2013	110,127	8,515,868	12,932	83,283	1,061,129	78,485	17,047	20,709	823,169	835	5,297	216,589	0	7,954	13,429	-2,915	235,057
2014	111,825	8,532,564	13,106	83,326	1,068,656	77,973	17,223	21,657	795,263	827	5,444	218,645	0	11,374	12,479	-3,809	238,689
2015	117,738	8,666,064	13,586	85,996	1,077,633	79,801	17,355	22,706	764,335	857	5,736	227,682	0	12,827	12,987	-5,145	248,351
2016	118,663	8,797,121	13,489	86,268	1,093,241	78,910	17,248	23,154	744,925	848	5,718	228,745	0	13,237	11,480	-6,967	246,495
2017	116,739	8,914,734	13,095	85,681	1,106,790	77,414	17,084	22,994	742,976	753	5,714	225,971	0	13,219	12,236	-5,393	246,033
<b>2008-2017</b>																	
% AAGR	0.42%			0.46%			-3.07%										0.23%
2018	117,076	9,050,780	12,935	85,501	1,121,362	76,247	17,220	23,507	732,548	743	5,767	226,307	0	11,490	12,531	-4,472	245,856
2019	118,347	9,181,244	12,890	86,434	1,135,048	76,150	17,403	24,395	713,384	739	5,772	228,695	0	10,688	12,728	-3,621	248,490
2020	119,476	9,310,472	12,832	87,099	1,147,652	75,893	17,675	25,148	702,839	737	5,782	230,769	0	10,801	12,753	-3,698	250,625
2021	120,500	9,438,181	12,767	87,582	1,159,654	75,524	17,831	25,784	691,553	737	5,806	232,456	0	10,420	12,682	-3,206	252,352
2022	121,600	9,564,022	12,714	88,102	1,171,843	75,182	17,892	26,317	679,865	737	5,835	234,166	0	10,330	12,775	-2,985	254,286
2023	122,710	9,689,248	12,665	88,450	1,183,803	74,717	17,926	26,717	670,959	738	5,868	235,692	0	10,143	12,843	-3,020	255,658
2024	123,980	9,813,428	12,634	88,995	1,195,152	74,463	18,059	27,028	668,159	738	5,899	237,671	0	10,271	13,131	-3,066	258,007
2025	125,300	9,935,738	12,611	89,531	1,206,202	74,226	18,168	27,242	666,911	737	5,933	239,669	0	10,259	12,922	-3,108	259,742
2026	126,449	10,056,008	12,574	90,036	1,217,016	73,981	18,112	27,404	660,925	739	5,964	241,300	0	10,376	13,320	-3,152	261,844
2027	127,761	10,174,449	12,557	90,625	1,227,539	73,827	18,225	27,524	662,149	740	5,999	243,350	0	10,505	13,412	-3,197	264,070
<b>2018-2027</b>																	
% AAGR	0.98%			0.65%			0.63%										0.80%

**2018**  
**LOAD AND RESOURCE PLAN**  
**STATE OF FLORIDA**  
FRCC Form 5.0  
**HISTORY AND FORECAST OF SUMMER PEAK DEMAND (MW)**  
**AS OF JANUARY 1, 2018**

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
							[(2)+(3)+(4)+(5)+(6)+(7)+(8)]	
YEAR	SUMMER NET FIRM PEAK DEMAND	DEMAND REDUCTION			SELF-SERVED GENERATION	CUMULATIVE CONSERVATION		SUMMER TOTAL DEMAND
		INTERRUPTIBLE LOAD	RESIDENTIAL LOAD MANAGEMENT	COMM./IND. LOAD MANAGEMENT		RESIDENTIAL	COMM./IND.	
2016	50,606	0	56	0	450	2,494	1,589	55,195
2017	49,502	0	54	0	463	2,519	1,614	54,152
2018	47,362	528	1,340	1,089	653	2,576	1,637	55,185
2019	48,054	546	1,364	1,137	652	2,629	1,663	56,045
2020	48,456	576	1,381	1,174	653	2,679	1,689	56,608
2021	49,031	575	1,398	1,197	653	2,728	1,714	57,296
2022	49,521	573	1,413	1,213	653	2,774	1,737	57,884
2023	50,018	573	1,427	1,230	653	2,821	1,762	58,484
2024	50,627	576	1,441	1,246	653	2,867	1,787	59,197
2025	51,168	576	1,456	1,263	652	2,914	1,810	59,839
2026	51,781	559	1,470	1,279	652	2,959	1,834	60,534
2027	52,396	556	1,484	1,294	652	3,004	1,858	61,244
CAAGR (%):	1.13%							

**2018**  
**LOAD AND RESOURCE PLAN**  
**STATE OF FLORIDA**  
FRCC Form 6.0  
**HISTORY AND FORECAST OF WINTER PEAK DEMAND (MW)**  
**AS OF JANUARY 1, 2018**

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
							[(2)+(3)+(4)+(5)+(6)+(7)+(8)]	
YEAR	WINTER NET FIRM PEAK DEMAND	DEMAND REDUCTION			SELF-SERVED GENERATION	CUMULATIVE CONSERVATION		WINTER TOTAL DEMAND
		INTERRUPTIBLE LOAD	RESIDENTIAL LOAD MANAGEMENT	COMM./IND. LOAD MANAGEMENT		RESIDENTIAL	COMM./IND.	
2016/17	39,046	0	51	0	463	2,791	883	43,245
2017/18	47,347	0	70	0	471	2,839	895.66	51,634
2018/19	43,924	498	1,643	834	652	2,886	919	51,355
2019/20	44,398	526	1,663	864	653	2,928	935	51,966
2020/21	44,978	522	1,684	881	653	2,969	950	52,636
2021/22	45,445	518	1,704	891	653	3,009	965	53,184
2022/23	45,904	517	1,724	901	653	3,049	980	53,727
2023/24	46,419	523	1,744	911	653	3,089	995	54,333
2024/25	46,825	524	1,763	923	652	3,133	1,010	54,829
2025/26	47,399	508	1,784	932	652	3,175	1,025	55,474
2026/27	47,928	502	1,804	943	652	3,216	1,039	56,083
2027/28	48,386	500	1,823	953	652	3,257	1,054	56,624
CAAGR (%):	1.08%							

**2018  
LOAD AND RESOURCE PLAN  
STATE OF FLORIDA**

FRCC Form 7.0

**HISTORY AND FORECAST OF ANNUAL NET ENERGY FOR LOAD (GWH)  
AS OF JANUARY 1, 2018**

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
							[(2)+(3)+(4)+(5)+(6)+(7)+(8)]	
YEAR	NET ENERGY FOR LOAD	ENERGY REDUCTION			SELF-SERVED GENERATION	CUMULATIVE CONSERVATION		TOTAL ENERGY FOR LOAD
		INTERRUPTIBLE LOAD	RESIDENTIAL LOAD MANAGEMENT	COMM./IND. LOAD MANAGEMENT		RESIDENTIAL	COMM./IND.	
2016	246,495	0	0	0	2,114	5,906	4,581	259,096
2017	246,033	0	0	0	2,067	6,006	4,691	258,796
2018	245,856	0	0	9	2,348	6,092	4,735	259,039
2019	248,490	0	0	9	2,347	6,184	4,794	261,823
2020	250,625	0	0	9	2,349	6,278	4,856	264,117
2021	252,352	0	0	10	2,348	6,373	4,918	266,001
2022	254,286	0	0	10	2,348	6,467	4,978	268,090
2023	255,658	0	0	10	2,348	6,560	5,041	269,617
2024	258,007	0	0	10	2,349	6,656	5,105	272,126
2025	259,742	0	0	10	2,348	6,747	5,169	274,017
2026	261,844	0	0	10	2,348	6,840	5,233	276,276
2027	264,070	0	0	10	2,348	6,931	5,298	278,657
CAAGR (%):	0.80%							

**2018  
LOAD AND RESOURCE PLAN  
STATE OF FLORIDA**

**SUMMARY OF INTERRUPTIBLE LOAD AND LOAD MANAGEMENT (MW)  
2018 THROUGH 2027**

**SUMMER**

YEAR	FRCC TOTALS			STATE TOTALS			STATE TOTAL INT + LM
	INT	RES LM	COM LM	INT	RES LM	COM LM	
2018	528	1,340	1,089	528	1,340	1,089	2,957
2019	546	1,364	1,137	546	1,364	1,137	3,047
2020	576	1,381	1,174	576	1,381	1,174	3,131
2021	575	1,398	1,197	575	1,398	1,197	3,170
2022	573	1,413	1,213	573	1,413	1,213	3,199
2023	573	1,427	1,230	573	1,427	1,230	3,230
2024	576	1,441	1,246	576	1,441	1,246	3,263
2025	576	1,456	1,263	576	1,456	1,263	3,295
2026	559	1,470	1,279	559	1,470	1,279	3,308
2027	556	1,484	1,294	556	1,484	1,294	3,334

**WINTER**

YEAR	FRCC TOTALS			STATE TOTALS			STATE TOTAL INT + LM
	INT	RES LM	COM LM	INT	RES LM	COM LM	
2018/19	498	1,643	834	498	1,643	834	2,975
2019/20	526	1,663	864	526	1,663	864	3,053
2020/21	522	1,684	881	522	1,684	881	3,087
2021/22	518	1,704	891	518	1,704	891	3,113
2022/23	517	1,724	901	517	1,724	901	3,142
2023/24	523	1,744	911	523	1,744	911	3,178
2024/25	524	1,763	923	524	1,763	923	3,210
2025/26	508	1,784	932	508	1,784	932	3,224
2026/27	502	1,804	943	502	1,804	943	3,249
2027/28	500	1,823	953	500	1,823	953	3,276

**2018  
LOAD AND RESOURCE PLAN  
STATE OF FLORIDA  
SUMMARY OF EXISTING CAPACITY  
AS OF JANUARY 1, 2018**

<b>UTILITY</b>	<b>NET CAPABILITY (MW)</b>	
	<b>SUMMER</b>	<b>WINTER</b>
GULF POWER COMPANY	2,272	2,311
POWERSOUTH ENERGY COOPERATIVE	1,887	2,086
<b><u>TOTALS</u></b>		
FRCC REGION	50,904	54,788
STATE OF FLORIDA	55,063	59,185
FRCC FIRM NON-UTILITY PURCHASES	3,442	3,709
STATE FIRM NON-UTILITY PURCHASES	3,442	3,709
<b>TOTAL FRCC REGION</b>	<b>54,346</b>	<b>58,497</b>
<b>TOTAL STATE OF FLORIDA</b>	<b>58,505</b>	<b>62,894</b>



**2018  
LOAD AND RESOURCE PLAN  
STATE OF FLORIDA  
FRCC Form 1.0  
EXISTING GENERATING FACILITIES AS OF JANUARY 1, 2018**

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
PLANT NAME	UNIT NO.	LOCATION	UNIT TYPE	PRIMARY FUEL		ALTERNATE FUEL		ALT. FUEL STORAGE (DAYS BURN)	COMMERCIAL IN-SERVICE MO. / YEAR	EXPECTED RETIREMENT MO. / YEAR	GROSS CAPABILITY		NET CAPABILITY		STATUS
				FUEL TYPE	TRANSP. METHOD	FUEL TYPE	TRANSP. METHOD				SUMMER (MW)	WINTER (MW)	SUMMER (MW)	WINTER (MW)	
GULF POWER COMPANY															
CRIST	4	ESCAMBIA	ST	BIT	WA	NG	PL	0	7 / 1959	--- / ---	79.0	79.0	75.0	75.0	OP
CRIST	5	ESCAMBIA	ST	BIT	WA	NG	PL	0	6 / 1961	--- / ---	77.0	77.0	75.0	75.0	OP
CRIST	6	ESCAMBIA	ST	BIT	WA	NG	PL	0	5 / 1970	--- / ---	317.0	317.0	299.0	299.0	OP
CRIST	7	ESCAMBIA	ST	BIT	WA	NG	PL	0	8 / 1973	--- / ---	498.0	498.0	475.0	475.0	OP
DANIEL *	1	JACKSON, MS	ST	BIT	RR	RFO	TK	0	9 / 1977	--- / ---	259.0	259.0	255.0	255.0	OP
DANIEL *	2	JACKSON, MS	ST	BIT	RR	RFO	TK	0	6 / 1981	--- / ---	259.0	259.0	255.0	255.0	OP
LANSING SMITH	3	BAY	CC	NG	PL	---	---	0	4 / 2002	--- / ---	588.0	616.0	577.0	605.0	OP
LANSING SMITH	A	BAY	GT	DFO	TK	---	---	0	5 / 1971	--- / ---	32.0	40.0	32.0	40.0	OP
PEA RIDGE	1	SANTA ROSA	GT	NG	PL	---	---	0	5 / 1998	4 / 2025	4.0	5.0	4.0	5.0	OP
PEA RIDGE	2	SANTA ROSA	GT	NG	PL	---	---	0	5 / 1998	4 / 2025	4.0	5.0	4.0	5.0	OP
PEA RIDGE	3	SANTA ROSA	GT	NG	PL	---	---	0	5 / 1998	4 / 2025	4.0	5.0	4.0	5.0	OP
PERDIDO	1	ESCAMBIA	IC	LFG	PL	---	---	0	10 / 2010	--- / ---	1.8	1.8	1.5	1.5	OP
PERDIDO	2	ESCAMBIA	IC	LFG	PL	---	---	0	10 / 2010	--- / ---	1.8	1.8	1.5	1.5	OP
SCHERER *	3	MONROE, GA	ST	BIT	RR	---	---	0	1 / 1987	--- / ---	224.0	224.0	214.0	214.0	OP
GPC TOTAL:												2,272	2,311		

\*Jointly Owned Unit

**2018  
LOAD AND RESOURCE PLAN  
STATE OF FLORIDA  
FRCC Form 1.0  
EXISTING GENERATING FACILITIES AS OF JANUARY 1, 2018**

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
PLANT NAME	UNIT NO.	LOCATION	UNIT TYPE	PRIMARY FUEL		ALTERNATE FUEL		ALT. FUEL STORAGE (DAYS BURN)	COMMERCIAL IN-SERVICE MO. / YEAR	EXPECTED RETIREMENT MO. / YEAR	GROSS CAPABILITY		NET CAPABILITY		STATUS
				FUEL TYPE	TRANSP. METHOD	FUEL TYPE	TRANSP. METHOD				SUMMER (MW)	WINTER (MW)	SUMMER (MW)	WINTER (MW)	
POWERSOUTH ENERGY COOPERATIVE															
CHARLES R. LOWMAN	1	WASHINGTON, AL	ST	BIT	WA	---	---	0	6 / 1969	--- / ---	78.0	78.0	78.0	78.0	OP
CHARLES R. LOWMAN	2	WASHINGTON, AL	ST	BIT	WA	---	---	0	6 / 1978	--- / ---	235.0	235.0	235.0	235.0	OP
CHARLES R. LOWMAN	3	WASHINGTON, AL	ST	BIT	WA	---	---	0	6 / 1980	--- / ---	238.0	238.0	238.0	238.0	OP
GANTT	3	COVINGTON, AL	HY	WAT	WA	---	---	0	1 / 1926	--- / ---	0.8	0.8	0.8	0.8	OP
GANTT	4	COVINGTON, AL	HY	WAT	WA	---	---	0	2 / 1945	--- / ---	1.8	1.8	1.8	1.8	OP
JAMES H. MILLER JR. *	1	JEFFERSON, AL	ST	BIT	WA	---	---	0	6 / 1978	--- / ---	57.0	57.0	57.0	57.0	OP
JAMES H. MILLER JR. *	2	JEFFERSON, AL	ST	BIT	WA	---	---	0	6 / 1985	--- / ---	57.0	57.0	57.0	57.0	OP
MCINTOSH	1	WASHINGTON, AL	CE	NG	PL	---	---	0	6 / 1991	--- / ---	110.0	110.0	110.0	110.0	OS
MCINTOSH	2	WASHINGTON, AL	GT	NG	PL	DFO	TK	0	6 / 1998	--- / ---	114.0	120.0	114.0	120.0	OP
MCINTOSH	3	WASHINGTON, AL	GT	NG	PL	DFO	TK	0	6 / 1998	--- / ---	114.0	120.0	114.0	120.0	OP
MCINTOSH	4	WASHINGTON, AL	CT	NG	PL	---	---	0	12 / 2010	--- / ---	173.0	222.0	173.0	222.0	OP
MCINTOSH	5	WASHINGTON, AL	CT	NG	PL	---	---	0	12 / 2010	--- / ---	173.0	222.0	173.0	222.0	OP
MCWILLIAMS	1	COVINGTON, AL	CA	WH	---	---	---	0	12 / 1954	--- / ---	8.0	8.0	8.0	8.0	OP
MCWILLIAMS	2	COVINGTON, AL	CA	WH	---	---	---	0	12 / 1954	--- / ---	8.0	8.0	8.0	8.0	OP
MCWILLIAMS	3	COVINGTON, AL	CA	WH	---	---	---	0	8 / 1959	--- / ---	21.0	21.0	21.0	21.0	OP
MCWILLIAMS	4	COVINGTON, AL	GT	NG	PL	DFO	TK	0	12 / 1996	--- / ---	98.0	108.0	98.0	108.0	OP
MCWILLIAMS	VAN1	COVINGTON, AL	CT	NG	PL	---	---	0	1 / 2002	--- / ---	166.0	201.0	166.0	201.0	OP
MCWILLIAMS	VAN2	COVINGTON, AL	CT	NG	PL	---	---	0	1 / 2002	--- / ---	166.0	201.0	166.0	201.0	OP
MCWILLIAMS	VAN3	COVINGTON, AL	CA	WH	---	---	---	0	1 / 2002	--- / ---	174.0	183.0	174.0	183.0	OP
POINT A	1	COVINGTON, AL	HY	WAT	WA	---	---	0	1 / 1945	--- / ---	1.4	1.4	1.4	1.4	OP
POINT A	2	COVINGTON, AL	HY	WAT	WA	---	---	0	1 / 1925	--- / ---	1.4	1.4	1.4	1.4	OP
POINT A	3	COVINGTON, AL	HY	WAT	WA	---	---	0	1 / 1949	--- / ---	1.6	1.6	1.6	1.6	OP
PEC TOTAL:												1,887	2,086		
FRCC TOTAL:												50,904	54,788		
STATE TOTAL:												55,063	59,185		

\*Jointly Owned Unit

2018  
LOAD AND RESOURCE PLAN  
STATE OF FLORIDA  
FRCC Form 1.1  
PLANNED AND PROSPECTIVE GENERATING FACILITY ADDITIONS AND CHANGES  
(JANUARY 1, 2018 THROUGH DECEMBER 31, 2027)

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
UTILITY	PLANT NAME	UNIT NO.	LOCATION	UNIT TYPE	PRIMARY FUEL		ALTERNATE FUEL		ALT. FUEL STORAGE (DAYS BURN)	EFFECTIVE CHANGE DATE MO. / YEAR	GROSS CAPABILITY		NET CAPABILITY		CHANGE/ STATUS
					TYPE	TRANS.	TYPE	TRANS.			SUMMER	WINTER	SUMMER	WINTER	
											(MW)	(MW)	(MW)	(MW)	
	<u>2018</u>														
	NO ENTRIES														
	<u>2019</u>														
	NO ENTRIES														
	<u>2020</u>														
	NO ENTRIES														
	<u>2021</u>														
	NO ENTRIES														
	<u>2022</u>														
	NO ENTRIES														
	<u>2023</u>														
GPC	UNNAMED CC	N/A	ESCAMBIA	CC	NG	PL	DFO	TK	0	10 / 2023	608	611	595	598	P
											2023 TOTAL:		595	598	

2018  
LOAD AND RESOURCE PLAN  
STATE OF FLORIDA  
FRCC Form 1.1  
PLANNED AND PROSPECTIVE GENERATING FACILITY ADDITIONS AND CHANGES  
(JANUARY 1, 2018 THROUGH DECEMBER 31, 2027)

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
UTILITY	PLANT NAME	UNIT NO.	LOCATION	UNIT TYPE	PRIMARY FUEL		ALTERNATE FUEL		ALT. FUEL STORAGE (DAYS BURN)	EFFECTIVE CHANGE DATE MO. / YEAR	GROSS CAPABILITY		NET CAPABILITY		CHANGE/STATUS
					TYPE	TRANS.	TYPE	TRANS.			SUMMER (MW)	WINTER (MW)	SUMMER (MW)	WINTER (MW)	
<b><u>2024</u></b>															
NO ENTRIES															
<b><u>2025</u></b>															
GPC	PEA RIDGE	1	SANTA ROSA	GT	NG	PL	---	---	0	4 / 2025	-4	-5	-4	-5	RT
GPC	PEA RIDGE	2	SANTA ROSA	GT	NG	PL	---	---	0	4 / 2025	-4	-5	-4	-5	RT
GPC	PEA RIDGE	3	SANTA ROSA	GT	NG	PL	---	---	0	4 / 2025	-4	-5	-4	-5	RT
2025 TOTAL:												-12	-15		
<b><u>2026</u></b>															
NO ENTRIES															
<b><u>2027</u></b>															
NO ENTRIES															
FRCC FUTURE TOTAL:												6,270	2,467		
STATE FUTURE TOTAL:												6,853	3,050		

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

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

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
YEAR	INSTALLED CAPACITY		FIRM INTERCHANGE		FIRM	TOTAL	TOTAL PEAK DEMAND (MW)	RESERVE MARGIN W/O EXERCISING LOAD MANAGEMENT & INT.		NET FIRM	RESERVE MARGIN WITH EXERCISING LOAD MANAGEMENT & INT.	
	INSIDE	OUTSIDE	STATE	STATE	NON-UTILITY	AVAILABLE		(MW)	% OF PEAK	PEAK	(MW)	% OF PEAK
	STATE (MW)	STATE (MW)	IMPORTS (MW)	EXPORTS (MW)	PURCHASES (MW)	CAPACITY (MW)				DEMAND (MW)		
2018	50,889	3,439	1,623	50	4,743	60,644	50,319	10,325	21%	47,362	13,282	28%
2019	52,453	3,439	1,598	50	4,444	61,884	51,101	10,783	21%	48,054	13,830	29%
2020	53,090	3,439	1,598	0	4,189	62,315	51,587	10,728	21%	48,456	13,859	29%
2021	53,470	3,439	1,324	0	4,230	62,462	52,201	10,261	20%	49,031	13,431	27%
2022	54,837	3,439	1,349	0	4,321	63,947	52,720	11,227	21%	49,521	14,426	29%
2023	55,893	3,439	1,324	0	4,323	64,980	53,248	11,732	22%	50,018	14,962	30%
2024	57,041	3,439	439	0	3,961	64,880	53,890	10,990	20%	50,627	14,253	28%
2025	57,238	3,439	439	0	3,808	64,924	54,463	10,461	19%	51,168	13,756	27%
2026	57,598	3,439	339	0	3,691	65,067	55,089	9,978	18%	51,781	13,286	26%
2027	58,443	3,439	364	0	3,015	65,261	55,730	9,531	17%	52,396	12,865	25%

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

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
YEAR	INSTALLED CAPACITY		FIRM INTERCHANGE		FIRM	TOTAL	TOTAL PEAK DEMAND (MW)	RESERVE MARGIN W/O EXERCISING LOAD MANAGEMENT & INT.		NET FIRM	RESERVE MARGIN WITH EXERCISING LOAD MANAGEMENT & INT.	
	INSIDE	OUTSIDE	STATE	STATE	NON-UTILITY	AVAILABLE		(MW)	% OF PEAK	PEAK	(MW)	% OF PEAK
	STATE (MW)	STATE (MW)	IMPORTS (MW)	EXPORTS (MW)	PURCHASES (MW)	CAPACITY (MW)				DEMAND (MW)		
2018 / 19	54,338	3,639	1,618	50	3,957	63,502	46,899	16,603	35%	43,924	19,578	45%
2019 / 20	54,271	3,639	1,518	0	4,033	63,461	47,451	16,010	34%	44,398	19,063	43%
2020 / 21	56,092	3,639	1,518	0	3,703	64,951	48,065	16,886	35%	44,978	19,973	44%
2021 / 22	56,079	3,639	1,269	0	3,735	64,721	48,558	16,163	33%	45,445	19,276	42%
2022 / 23	56,891	3,639	1,294	0	3,737	65,560	49,046	16,514	34%	45,904	19,656	43%
2023 / 24	59,622	3,639	1,294	0	3,542	68,096	49,597	18,499	37%	46,419	21,677	47%
2024 / 25	60,057	3,639	409	0	3,251	67,355	50,035	17,320	35%	46,825	20,530	44%
2025 / 26	60,763	3,639	409	0	3,096	67,907	50,623	17,284	34%	47,399	20,508	43%
2026 / 27	61,002	3,639	334	0	3,061	68,036	51,177	16,859	33%	47,928	20,108	42%
2027 / 28	61,242	3,639	309	0	2,201	67,390	51,662	15,728	30%	48,386	19,004	39%

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

**2018  
LOAD AND RESOURCE PLAN  
STATE OF FLORIDA**

**FRCC Form 3.0  
EXISTING NON-UTILITY, QF, AND SELF SERVICE GENERATION FACILITIES  
AS OF DECEMBER 31, 2017**

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
UTILITY	FACILITY NAME	UNIT NO.	LOCATION	UNIT TYPE	FUEL TYPE		COMMERCIAL IN-SERVICE MO. / YEAR	GROSS CAPABILITY		NET CAPABILITY		POTENTIAL EXPORT TO GRID AT TIME OF PEAK				CONTRACT STATUS
								SUM (MW)	WIN (MW)	SUM (MW)	WIN (MW)	FIRM		UNCOMMITTED		
					SUM (MW)	WIN (MW)						SUM (MW)	WIN (MW)			
														PRI	ALT	
GULF POWER COMPANY																
	BAY COUNTY RESOURCE RECOV.	1	BAY	ST	MSW	---	2 / 1987	12.5	12.5	11.0	11.0	---	---	11.0	11.0	NC
	INTERNATIONAL PAPER COMPANY	1	ESCAMBIA	ST	WDS	NG	5 / 1983	28.1	28.1	21.4	21.4	---	---	---	---	NC
	INTERNATIONAL PAPER COMPANY	2	ESCAMBIA	ST	WDS	NG	5 / 1983	28.1	28.1	21.4	21.4	---	---	---	---	NC
	PENSACOLA CHRISTIAN COLLEGE	1	ESCAMBIA	ST	NG	---	4 / 1988	1.1	1.1	1.1	1.1	---	---	---	---	NC
	PENSACOLA CHRISTIAN COLLEGE	2	ESCAMBIA	ST	NG	---	4 / 1988	1.1	1.1	1.1	1.1	---	---	---	---	NC
	PENSACOLA CHRISTIAN COLLEGE	3	ESCAMBIA	ST	NG	---	4 / 1988	1.1	1.1	1.1	1.1	---	---	---	---	NC
	PENSACOLA CHRISTIAN COLLEGE	4	ESCAMBIA	IC	NG	---	6 / 2006	1.8	1.8	1.8	1.8	---	---	---	---	NC
	PENSACOLA CHRISTIAN COLLEGE	5	ESCAMBIA	IC	NG	---	6 / 2006	1.8	1.8	1.8	1.8	---	---	---	---	NC
	PENSACOLA CHRISTIAN COLLEGE	6	ESCAMBIA	IC	NG	---	6 / 2006	1.8	1.8	1.8	1.8	---	---	---	---	NC
	PENSACOLA CHRISTIAN COLLEGE	7	ESCAMBIA	IC	NG	---	6 / 2006	1.8	1.8	1.8	1.8	---	---	---	---	NC
	PENSACOLA CHRISTIAN COLLEGE	8	ESCAMBIA	IC	NG	---	6 / 2006	1.8	1.8	1.8	1.8	---	---	---	---	NC
	PENSACOLA CHRISTIAN COLLEGE	9	ESCAMBIA	IC	NG	---	6 / 2006	1.8	1.8	1.8	1.8	---	---	---	---	NC
	PENSACOLA CHRISTIAN COLLEGE	10	ESCAMBIA	IC	NG	---	6 / 2006	1.8	1.8	1.8	1.8	---	---	---	---	NC
	PENSACOLA CHRISTIAN COLLEGE	11	ESCAMBIA	IC	NG	---	6 / 2006	1.8	1.8	1.8	1.8	---	---	---	---	NC
	SOLUTIA	1	ESCAMBIA	ST	NG	DFO	1 / 1954	5.0	5.0	5.0	5.0	---	---	---	---	NC
	SOLUTIA	2	ESCAMBIA	ST	NG	DFO	1 / 1954	5.0	5.0	5.0	5.0	---	---	---	---	NC
	SOLUTIA	3	ESCAMBIA	ST	NG	DFO	1 / 1954	6.0	6.0	6.0	6.0	---	---	---	---	NC
	SOLUTIA	4	ESCAMBIA	ST	NG	---	5 / 2005	86.0	86.0	86.0	86.0	---	---	---	---	NC
	STONE CONTAINER	1	BAY	ST	DFO	NG	1 / 1960	4.0	4.0	4.0	4.0	---	---	---	---	NC
	STONE CONTAINER	2	BAY	ST	BIT	---	1 / 1960	5.0	5.0	5.0	5.0	---	---	---	---	NC
	STONE CONTAINER	3	BAY	ST	WDS	NG	1 / 1960	8.6	8.6	8.6	8.6	---	---	---	---	NC
	STONE CONTAINER	4	BAY	ST	WDS	NG	1 / 1960	17.1	17.1	17.1	17.1	---	---	---	---	NC
GPC TOTAL:												0.0	0.0	11.0	11.0	
FRCC NON-UTILITY TOTAL:												1,313	1,396	51	47	
STATE NON-UTILITY TOTAL:												1,313	1,396	62	58	

**2018  
LOAD AND RESOURCE PLAN  
STATE OF FLORIDA**

**FRCC Form 3.1  
PLANNED AND PROSPECTIVE NON-UTILITY, QF, AND SELF SERVICE GENERATION FACILITIES  
INSTALLATIONS, CHANGES, AND REMOVALS  
JANUARY 1, 2018 THROUGH DECEMBER 31, 2027**

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
UTIL	FACILITY NAME	UNIT NO.	LOCATION	POTENTIAL EXPORT TO GRID AT TIME OF PEAK				GROSS CAPABILITY		NET CAPABILITY		UNIT TYPE	FUEL TYPE		COMMERCIAL IN-SERVICE/ RETIREMENT/ OR CHANGE IN CONTRACT MO. / YEAR	CONTRACT STATUS
				FIRM		UNCOMMITTED		SUM (MW)	WIN (MW)	SUM (MW)	WIN (MW)		PRI	ALT		
				SUM (MW)	WIN (MW)	SUM (MW)	WIN (MW)									
<u>2018</u>	NO ENTRIES															
<u>2019</u>	NO ENTRIES															
<u>2020</u>	NO ENTRIES															
<u>2021</u>	NO ENTRIES															
<u>2022</u>	NO ENTRIES															
<u>2023</u>	NO ENTRIES															
<u>2024</u>	NO ENTRIES															
<u>2025</u>	NO ENTRIES															
<u>2026</u>	NO ENTRIES															
<u>2027</u>	NO ENTRIES															

**2018  
LOAD AND RESOURCE PLAN  
STATE OF FLORIDA**

**NON-UTILITY GENERATING FACILITIES SUMMARY**

<b>SUMMER</b>			<b>WINTER</b>		
<b>YEAR</b>	<b>FIRM NET TO GRID (MW)</b>	<b>UNCOMMITTED NUG GENERATION (MW)</b>	<b>YEAR</b>	<b>FIRM NET TO GRID (MW)</b>	<b>UNCOMMITTED NUG GENERATION (MW)</b>
2018	1,297.6	62.5	2018/19	1,380.9	72.3
2019	1,297.6	62.5	2019/20	1,440.9	72.3
2020	1,026.0	62.5	2020/21	1,109.3	72.3
2021	1,066.0	62.5	2021/22	1,682.3	72.3
2022	1,611.8	62.5	2022/23	1,682.3	72.3
2023	1,611.6	62.5	2023/24	1,550.6	53.5
2024	1,807.7	53.5	2024/25	1,781.6	53.5
2025	1,654.5	53.5	2025/26	1,639.6	53.5
2026	1,550.3	53.5	2026/27	1,604.6	47.5
2027	1,515.1	47.5	2027/28	1,604.6	47.5



**2018  
LOAD AND RESOURCE PLAN  
STATE OF FLORIDA**

**FRCC Form 9.0  
FUEL REQUIREMENTS  
AS OF JANUARY 1, 2018**

(1)	(2)	(3)	(4)	(5) <u>ACTUAL</u>	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
FUEL REQUIREMENTS			UNITS	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
(1)	NUCLEAR		TRILLION BTU	318	333	335	336	335	335	335	336	335	335	335
(2)	COAL		1000 TON	21,374	17,334	16,799	16,513	16,625	15,815	13,052	13,984	13,876	13,827	14,346
	RESIDUAL													
(3)	STEAM		1000 BBL	2,063	88	49	2	9	0	2	3	3	5	8
(4)	CC		1000 BBL	0	0	0	0	0	0	0	0	0	0	0
(5)	CT		1000 BBL	0	0	0	0	0	0	0	0	0	0	0
(6)	TOTAL:		1000 BBL	2,063	88	49	2	9	0	2	3	3	5	8
	DISTILLATE													
(7)	STEAM		1000 BBL	126	80	70	70	73	68	60	67	80	69	87
(8)	CC		1000 BBL	954	11	0	0	0	0	3	1	0	0	0
(9)	CT		1000 BBL	1,200	206	184	86	76	92	84	171	208	285	304
(10)	TOTAL:		1000 BBL	2,280	297	254	156	149	160	147	239	288	354	391
	NATURAL GAS													
(11)	STEAM		1000 MCF	104,265	71,099	48,570	38,509	33,362	34,392	30,030	31,136	32,636	31,923	36,541
(12)	CC		1000 MCF	1,060,976	1,044,395	1,066,590	1,076,819	1,072,786	1,058,274	1,098,962	1,103,221	1,116,249	1,124,215	1,123,219
(13)	CT		1000 MCF	24,506	21,858	20,928	16,948	19,251	21,657	17,296	17,883	18,368	19,892	31,575
(14)	TOTAL:		1000 MCF	1,189,747	1,137,352	1,136,088	1,132,276	1,125,399	1,114,323	1,146,288	1,152,240	1,167,253	1,176,030	1,191,335
(15)	OTHER													
	PET COKE		1000 TON	380	366	432	433	396	432	423	396	432	432	395
	LFG & BIOFUELS		1000 MMBTU	966	1,314	1,046	1,111	1,021	971	973	973	1,115	938	995

**2018  
LOAD AND RESOURCE PLAN  
STATE OF FLORIDA**

**FRCC Form 9.1  
ENERGY SOURCES (GWH)  
AS OF JANUARY 1, 2018**

(1)	(2)	(3)	(4)	(5) ACTUAL	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
	ENERGY SOURCES		UNITS	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
(1)	FIRM INTER-REGION INTERCHANGE		GWH	5,664	4,245	3,358	3,016	3,584	3,954	4,765	3,948	4,009	4,264	3,115
(2)	NUCLEAR		GWH	29,080	31,409	31,486	31,559	31,481	31,458	31,486	31,546	31,462	31,468	31,445
(3)	COAL		GWH	42,573	39,159	37,486	36,932	38,166	35,183	28,319	29,434	30,443	30,165	31,196
	RESIDUAL													
(4)	STEAM		GWH	185	58	32	1	6	0	1	2	2	3	5
(5)	CC		GWH	0	0	0	0	0	0	0	0	0	0	0
(6)	CT		GWH	0	0	0	0	0	0	0	0	0	0	0
(7)	TOTAL:		GWH	185	58	32	1	6	0	1	2	2	3	5
	DISTILLATE													
(8)	STEAM		GWH	54	24	24	23	23	21	11	10	11	10	11
(9)	CC		GWH	119	15	0	0	0	0	2	0	0	0	0
(10)	CT		GWH	129	91	84	44	43	49	47	79	96	126	136
(11)	TOTAL:		GWH	302	130	108	67	66	70	60	89	107	136	147
	NATURAL GAS													
(12)	STEAM		GWH	8,972	6,464	4,353	3,396	2,949	3,092	2,617	2,723	2,869	2,778	3,239
(13)	CC		GWH	148,655	150,648	155,731	157,838	157,134	155,401	163,476	164,322	166,120	167,278	167,075
(14)	CT		GWH	2,092	1,867	1,879	1,545	1,797	2,030	1,549	1,595	1,625	1,762	2,929
(15)	TOTAL:		GWH	159,719	158,979	161,963	162,779	161,880	160,523	167,642	168,640	170,614	171,818	173,243
(16)	NUG		GWH	1,942	2,108	2,109	2,117	2,112	2,114	2,115	999	690	197	198
	RENEWABLES													
(17)	BIOFUELS		GWH	23	23	23	23	23	23	23	23	23	23	23
(18)	BIOMASS		GWH	1,146	1,038	914	1,343	1,248	1,217	1,230	1,217	1,323	1,192	1,242
(19)	HYDRO		GWH	17	19	19	19	19	19	19	19	19	19	19
(20)	LANDFILL GAS		GWH	282	425	428	443	451	458	477	455	472	485	369
(21)	MSW		GWH	958	1,132	1,132	1,137	1,134	1,134	1,134	1,077	1,074	1,074	1,074
(22)	SOLAR		GWH	918	2,623	4,629	7,157	9,885	11,367	12,370	13,402	14,362	15,352	16,341
(23)	WIND		GWH	1,006	1,031	1,031	1,033	1,031	1,031	1,031	1,033	1,031	1,031	1,031
(24)	OTHER RENEW.		GWH	0	0	0	0	0	0	0	0	0	0	0
(25)	TOTAL		GWH	4,350	6,291	8,176	11,155	13,791	15,249	16,284	17,226	18,304	19,176	20,099
(26)	OTHER			2,218	3,477	3,772	2,999	1,266	5,735	4,986	6,123	4,111	4,617	4,622
(27)	NET ENERGY FOR LOAD			246,033	245,856	248,490	250,625	252,352	254,286	255,658	258,007	259,742	261,844	264,070

**2018  
LOAD AND RESOURCE PLAN  
STATE OF FLORIDA**

**FRCC Form 9.2  
ENERGY SOURCES (%)  
AS OF JANUARY 1, 2018**

(1)	(2)	(3)	(4)	(5) ACTUAL	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
	ENERGY SOURCES		UNITS	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
(1)	FIRM INTER-REGION INTERCHANGE		%	2.30%	1.73%	1.35%	1.20%	1.42%	1.55%	1.86%	1.53%	1.54%	1.63%	1.18%
(2)	NUCLEAR		%	11.82%	12.78%	12.67%	12.59%	12.48%	12.37%	12.32%	12.23%	12.11%	12.02%	11.91%
(3)	COAL		%	17.30%	15.93%	15.09%	14.74%	15.12%	13.84%	11.08%	11.41%	11.72%	11.52%	11.81%
	RESIDUAL													
(4)	STEAM		%	0.08%	0.02%	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
(5)	CC		%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
(6)	CT		%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
(7)	TOTAL:		%	0.08%	0.02%	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	DISTILLATE													
(8)	STEAM		%	0.02%	0.01%	0.01%	0.01%	0.01%	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%
(9)	CC		%	0.05%	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
(10)	CT		%	0.05%	0.04%	0.03%	0.02%	0.02%	0.02%	0.02%	0.03%	0.04%	0.05%	0.05%
(11)	TOTAL:		%	0.12%	0.05%	0.04%	0.03%	0.03%	0.03%	0.02%	0.03%	0.04%	0.05%	0.06%
	NATURAL GAS													
(12)	STEAM		%	3.65%	2.63%	1.75%	1.36%	1.17%	1.22%	1.02%	1.06%	1.10%	1.06%	1.23%
(13)	CC		%	60.42%	61.27%	62.67%	62.98%	62.27%	61.11%	63.94%	63.69%	63.96%	63.88%	63.27%
(14)	CT		%	0.85%	0.76%	0.76%	0.62%	0.71%	0.80%	0.61%	0.62%	0.63%	0.67%	1.11%
(15)	TOTAL:		%	64.92%	64.66%	65.18%	64.95%	64.15%	63.13%	65.57%	65.36%	65.69%	65.62%	65.60%
(16)	NUG		%	0.79%	0.86%	0.85%	0.84%	0.84%	0.83%	0.83%	0.39%	0.27%	0.08%	0.07%
	RENEWABLES													
(17)	BIOFUELS		%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%
(18)	BIOMASS		%	0.47%	0.42%	0.37%	0.54%	0.49%	0.48%	0.48%	0.47%	0.51%	0.46%	0.47%
(19)	HYDRO		%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%
(20)	LANDFILL GAS		%	0.11%	0.17%	0.17%	0.18%	0.18%	0.18%	0.19%	0.18%	0.18%	0.19%	0.14%
(21)	MSW		%	0.39%	0.46%	0.46%	0.45%	0.45%	0.45%	0.44%	0.42%	0.41%	0.41%	0.41%
(22)	SOLAR		%	0.37%	1.07%	1.86%	2.86%	3.92%	4.47%	4.84%	5.19%	5.53%	5.86%	6.19%
(23)	WIND		%	0.41%	0.42%	0.41%	0.41%	0.41%	0.41%	0.40%	0.40%	0.40%	0.39%	0.39%
(24)	OTHER RENEW.		%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
(25)	TOTAL:		%	1.77%	2.56%	3.29%	4.45%	5.46%	6.00%	6.37%	6.68%	7.05%	7.32%	7.61%
(26)	OTHER		%	0.90%	1.41%	1.52%	1.20%	0.50%	2.26%	1.95%	2.37%	1.58%	1.76%	1.75%
(27)	NET ENERGY FOR LOAD		%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%

**2018**  
**LOAD AND RESOURCE PLAN**  
**STATE OF FLORIDA**  
**FRCC Form 12**  
**SUMMARY OF FIRM CAPACITY AND ENERGY CONTRACTS**  
**AS OF JANUARY 1, 2018**

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
PURCHASING ENTITY	SELLING ENTITY	CONTRACT TERM		CONTRACT CAPACITY		PRIMARY FUEL	DESCRIPTION
		FROM (MM/DD/YY)	TO (MM/DD/YY)	SUMMER (MW)	WINTER (MW)		
FLINT	GPC	06/01/10	12/31/19	50	50	BIT	GPC Scherer 3 allocation of Southern Unit Power Sale
GPC	MSCG	01/01/17	12/31/35	89	109	WND	Purchase from Morgan Stanley Capital Group MSCG
GPC	SENA	06/01/14	05/24/23	885	885	NG	PPA with power marketer (Shell Energy)

**2018  
LOAD AND RESOURCE PLAN  
STATE OF FLORIDA**

**FRCC Form 13  
SUMMARY AND SPECIFICATIONS OF PROPOSED TRANSMISSION LINES  
AS OF JANUARY 1, 2018**

(1)	(2)		(3)	(4)	(5)	(6)	(7)
LINE OWNERSHIP	TERMINALS		LINE LENGTH CKT. MILES	COMMERCIAL IN-SERVICE (MO./YR)	NOMINAL VOLTAGE (kV)	CAPACITY (MVA)	SITED UNDER *
PEC	GASKIN	BAYOU GEORGE	0	12 / 2019	115	217	NA
PEC	SOUTHPORT	BAYOU GEORGE	8	12 / 2019	115	217	NA

\* TLSA: Transmission Line Siting Act

\* PPSA: Power Plant Siting Act

\*\* Line Upgrade / Voltage Change

## **MERCHANT GENERATION IN FLORIDA**

## **MERCHANT GENERATION IN FLORIDA**

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

1. Calpine Eastern (CAL)
2. General Electric (GE)
3. Santa Rosa Energy Center, LLC (SREC)
4. Northern Star Generating Services (NSG)
5. NRG Energy, Inc. (NRG)
6. Southern Power Company (SOU)

## CODES USED IN FORMS FOR MERCHANT GENERATING FACILITIES

### Status of Generation Facilities

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

### Ownership

IPP	--	Independent Power Producer
MER	--	Merchant Generator

### Contracts

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

### Types of Generation Units

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

### Types of Fuel

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



**2018  
LOAD AND RESOURCE PLAN  
FLORIDA RELIABILITY COORDINATING COUNCIL  
EXISTING MERCHANT GENERATION FACILITIES  
IN FLORIDA  
AS OF DECEMBER 31, 2017**

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)		(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
FACILITY NAME	UNIT NO.	LOCATION (COUNTY)	UNIT TYPE	FUEL TYPE		COMMERCIAL IN-SERVICE MO. / YEAR	RETIREMENT MO. / YEAR	GROSS CAPABILITY		NET CAPABILITY		POTENTIAL EXPORT TO GRID AT TIME OF PEAK				OWNERSHIP	UNIT STATUS	CONTRACT STATUS	
								SUM (MW)	WIN (MW)	SUM (MW)	WIN (MW)	FIRM		UNCOMMITTED					
				PRI	ALT	SUM (MW)	WIN (MW)	SUM (MW)	WIN (MW)	SUM (MW)	WIN (MW)	SUM (MW)	WIN (MW)						
<b><u>CALPINE EASTERN (CAL)</u></b>																			
AUBURNDALE PEAKER ENERGY CTR	CTP	POLK	GT	NG	DFO	5 / 2002	--- / ----	130.1	(1)	---	117.0	126.0	---	---	117.0	117.0	MER	OP	NC
<b><u>GENERAL ELECTRIC (GE)</u></b>																			
SHADY HILLS POWER CO.	1 GT	PASCO	GT	NG	DFO	2 / 2002	--- / ----	180.2	(1)	---	156.0	172.0	156.0	172.0	---	---	MER	OP	C (2)
SHADY HILLS POWER CO.	2 GT	PASCO	GT	NG	DFO	2 / 2002	--- / ----	180.2	(1)	---	156.0	172.0	156.0	172.0	---	---	MER	OP	C (2)
SHADY HILLS POWER CO.	3 GT	PASCO	GT	NG	DFO	2 / 2002	--- / ----	180.2	(1)	---	156.0	172.0	156.0	172.0	---	---	MER	OP	C (2)
<b><u>SANTA ROSA ENERGY CENTER, LLC (SREC)</u></b>																			
SANTA ROSA ENERGY CENTER	CT01	SANTA ROSA	CT	NG	---	6 / 2003	--- / ----	165.7	(1)	177.7	161.4	173.4	---	---	161.0	173.0	MER	OP	NC
SANTA ROSA ENERGY CENTER	ST01	SANTA ROSA	CA	WH	---	6 / 2003	--- / ----	74.5	(1)	74.5	74.5	74.5	---	---	75.0	75.0	MER	OP	NC
<b><u>NORTHERN STAR GENERATING SERVICES (NSG)</u></b>																			
VANDOLAH POWER CO.	1	HARDEE	GT	NG	DFO	6 / 2002	6 / 2042	162.7		172.6	160.7	170.6	160.7	170.6	---	---	MER	OP	C
VANDOLAH POWER CO.	2	HARDEE	GT	NG	DFO	6 / 2002	6 / 2042	162.7		172.6	160.7	170.6	160.7	170.6	---	---	MER	OP	C
VANDOLAH POWER CO.	3	HARDEE	GT	NG	DFO	6 / 2002	6 / 2042	162.7		172.6	160.7	170.6	160.7	170.6	---	---	MER	OP	C
VANDOLAH POWER CO.	4	HARDEE	GT	NG	DFO	6 / 2002	6 / 2042	162.7		172.6	160.7	170.6	160.7	170.6	---	---	MER	OP	C
<b><u>NRG ENERGY, INC (NRG)</u></b>																			
OSCEOLA	1	OSCEOLA	GT	NG	DFO	12 / 2001	--- / ----	155.0		167.0	150.0	163.0	---	---	150.0	163.0	IPP/MER	IPP	NC (3)
OSCEOLA	2	OSCEOLA	GT	NG	DFO	12 / 2001	--- / ----	155.0		167.0	150.0	163.0	---	---	150.0	163.0	IPP/MER	IPP	NC (3)
OSCEOLA	3	OSCEOLA	GT	NG	DFO	3 / 2002	--- / ----	155.0		167.0	150.0	163.0	---	---	150.0	163.0	IPP/MER	IPP	NC (3)
<b><u>SOUTHERN POWER COMPANY (SOU)</u></b>																			
OLEANDER POWER PROJECT	1	BREVARD	GT	NG	DFO	6 / 2005	--- / ----	156.5		168	155.5	167.0	0.0	0.0	155.5	167.0	MER	OP	NC
OLEANDER POWER PROJECT	2	BREVARD	GT	NG	DFO	6 / 2005	--- / ----	157.1		168.6	156.10	167.6	156.1	167.6	0.0	0.0	MER	OP	C
OLEANDER POWER PROJECT	3	BREVARD	GT	NG	DFO	6 / 2005	--- / ----	157.7		169.2	156.7	168.2	156.7	168.2	0.0	0.0	MER	OP	C
OLEANDER POWER PROJECT	4	BREVARD	GT	NG	DFO	6 / 2005	--- / ----	157.2		168.6	156.2	167.6	156.2	167.6	0.0	0.0	MER	OP	C
OLEANDER POWER PROJECT	5	BREVARD	GT	NG	DFO	12 / 2007	--- / ----	160.4		173.2	159.4	172.2	159.4	172.2	0.0	0.0	MER	OP	C
STANTON ENERGY CENTER	A	ORANGE	CT	NG	DFO	10 / 2003	--- / ----	425.5		447.9	416.5	438.9	416.5	438.9	0.0	0.0	MER	OP	C (4)
TOTALS:											3,114	3,343	2,156	2,313	959	1,021			

(1) This is the generator nameplate rating.  
(2) All capacities based on Duke Toll contract ambient conditions.  
(3) Currently in mothballed status, but no mothball status code exists, the closest status is "SB": Cold Standby, deactivated, in long-term storage and cannot be made available for service in a short period of time.

2018  
LOAD AND RESOURCE PLAN  
FLORIDA RELIABILITY COORDINATING COUNCIL

PLANNED AND PROSPECTIVE MERCHANT GENERATION FACILITIES  
IN FLORIDA  
JANUARY 1, 2018 THROUGH DECEMBER 31, 2027

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

**CALPINE EASTERN (CAL)**

No Activity Reported

**GENERAL ELECTRIC (GE)**

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

**SANTA ROSA ENERGY CENTER, LLC (SREC)**

No Activity Reported

**NORTHERN STAR GENERATING SERVICES (NSG)**

No Activity Reported

**NRG ENERGY, INC (NRG)**

No Activity Reported

**SOUTHERN POWER COMPANY (SOU)**

No Activity Reported

**2018  
LOAD AND RESOURCE PLAN  
FLORIDA RELIABILITY COORDINATING COUNCIL  
PLANNED AND PROSPECTIVE MERCHANT GENERATION FACILITIES  
IN FLORIDA  
JANUARY 1, 2018 THROUGH DECEMBER 31, 2027  
ORDERED BY IN-SERVICE DATE**

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

**2018  
LOAD AND RESOURCE PLAN  
FLORIDA RELIABILITY COORDINATING COUNCIL  
SUMMARY OF MERCHANT FIRM CAPACITY AND ENERGY CONTRACTS  
As of January 1, 2018**

(1)	(2)	(3)	(4)	(5)	(6)	(7)
PURCHASING ENTITY	SELLING ENTITY	CONTRACT TERM		NET CAPABILITY		DESCRIPTION
		FROM (MM/DD/YY)	TO (MM/DD/YY)	SUMMER (MW)	WINTER (MW)	
DEF	GE	04/01/07	04/30/24	468	516	Toll to DEF for 100% of output (Capability based on contract ambient conditions)
DEF	VANDOLAH	06/01/12	05/31/27	643	683	Contract does not call for Vandolah to provide a specific MW output, but instead calls for the performance of an annual capacity test to determine the MW output for that year. Data provided is based on the contract results for June 2017 (Summer) and Dec 2017 (Winter).
FMPA	SOU	10/01/03	09/30/23	83	88	SOU Ownership contracted to FMPA (Stanton A)
FMPA	SOU	12/16/07	12/15/22	159	172	Oleander Unit 5
OUC	SOU	10/01/03	09/30/23	333	351	SOU Ownership contracted to OUC (Stanton A)
SEC	SOU	01/01/10	05/31/21	156	168	Oleander Unit 2
SEC	SOU	01/01/10	05/31/21	157	168	Oleander Unit 3
SEC	SOU	01/01/10	05/31/21	156	168	Oleander Unit 4

**2018**  
**LOAD AND RESOURCE PLAN**  
**FLORIDA RELIABILITY COORDINATING COUNCIL**  
**SUMMARY OF MERCHANT GENERATING FACILITIES**  
**IN THE FRCC REGION**

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
<b>SUMMER</b>				<b>WINTER</b>			
<b>YEAR</b>	<b>FIRM NET TO GRID (MW)</b>	<b>UNCOMMITTED (MW)</b>	<b>NET CAPABILITY (MW)</b>	<b>YEAR</b>	<b>FIRM NET TO GRID (MW)</b>	<b>UNCOMMITTED (MW)</b>	<b>NET CAPABILITY (MW)</b>
2018	2,155.7	958.5	3,114.2	2018/19	2,312.9	1,021.0	3,333.9
2019	2,155.7	958.5	3,114.2	2019/20	2,312.9	1,021.0	3,333.9
2020	2,155.7	958.5	3,114.2	2020/21	2,312.9	1,021.0	3,333.9
2021	2,155.7	958.5	3,114.2	2021/22	2,312.9	1,021.0	3,333.9
2022	1,689.7	1,924.5	3,614.2	2022/23	1,814.6	2,039.3	3,853.9
2023	1,689.7	1,924.5	3,614.2	2023/24	1,642.6	2,211.3	3,853.9
2024	1,529.7	2,084.5	3,614.2	2024/25	1,217.6	2,636.3	3,853.9
2025	655.7	2,958.5	3,614.2	2025/26	701.6	3,152.3	3,853.9
2026	655.7	2,958.5	3,614.2	2026/27	701.6	3,152.3	3,853.9
2027	655.7	2,958.5	3,614.2	2027/28	701.6	3,152.3	3,853.9

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