



2016
Regional Load & Resource Plan
FRCC-MS-PL-079
Version: 1

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The original signatures are maintained on file.

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**FLORIDA RELIABILITY COORDINATING COUNCIL
2016
REGIONAL LOAD & RESOURCE PLAN
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Introduction

FRCC Regional Load & Resource Plan

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

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

The L&RP is reviewed by the FRCC Resource Working Group (RWG), FRCC Transmission Working Group (TWG), 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 August 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.

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

FLORIDA RELIABILITY COORDINATING COUNCIL

2016

REGIONAL LOAD & RESOURCE PLAN

**2016
LOAD AND RESOURCE PLAN
FLORIDA RELIABILITY COORDINATING COUNCIL
HISTORY AND FORECAST**

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
SUMMER PEAK DEMAND (MW)					WINTER PEAK DEMAND (MW)					ENERGY		
YEAR	ACTUAL PEAK DEMAND (MW)				YEAR	ACTUAL PEAK DEMAND (MW)				YEAR	NET ENERGY FOR LOAD (GWH)	LOAD FACTOR (%)
2006	45,344				2006 / 07	38,023				2006	230,054	57.9%
2007	46,525				2007 / 08	41,495				2007	232,863	57.1%
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	45,867				2015 / 16	38,187				2015	234,489	58.4%
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 (%)
2016	47,654	486	2,438	44,730	2016 / 17	45,521	464	2,421	42,636	2016	229,738	55.0%
2017	48,125	498	2,516	45,111	2017 / 18	45,962	468	2,479	43,015	2017	230,865	54.8%
2018	48,648	502	2,568	45,578	2018 / 19	46,546	482	2,512	43,552	2018	232,567	54.6%
2019	49,266	517	2,606	46,143	2019 / 20	47,035	492	2,543	44,000	2019	234,661	54.4%
2020	49,873	521	2,646	46,706	2020 / 21	47,525	492	2,575	44,458	2020	237,284	54.3%
2021	50,461	522	2,683	47,256	2021 / 22	47,993	493	2,606	44,894	2021	239,299	54.1%
2022	50,973	532	2,723	47,718	2022 / 23	48,462	478	2,638	45,346	2022	241,296	54.0%
2023	51,514	515	2,756	48,243	2023 / 24	48,942	447	2,668	45,827	2023	243,173	53.9%
2024	52,125	483	2,788	48,854	2024 / 25	49,411	450	2,700	46,261	2024	245,261	53.7%
2025	52,803	484	2,820	49,499	2025 / 26	49,911	450	2,728	46,733	2025	247,223	53.4%

NOTE: SUMMER AND WINTER DEMANDS ARE NON-COINCIDENT.

2016
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, 2016

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
YEAR	RURAL & RESIDENTIAL			COMMERCIAL			INDUSTRIAL			STREET & HIGHWAY LIGHTING GWH	OTHER SALES GWH	TOTAL SALES GWH	WHOLESALE PURCHASES FOR RESALE GWH	WHOLESALE SALES FOR RESALE GWH	UTILITY USE & LOSSES GWH	AGGREGATION ADJUSTMENT GWH	NET ENERGY FOR LOAD GWH
	GWH	AVERAGE NO. OF CUSTOMERS	AVG. KWH CONSUMPTION PER CUST.	GWH	AVERAGE NO. OF CUSTOMERS	AVG. KWH CONSUMPTION PER CUST.	GWH	AVERAGE NO. OF CUSTOMERS	AVG. KWH CONSUMPTION PER CUST.								
2006	109,854	7,797,284	14,089	76,594	953,167	80,357	21,289	37,475	568,085	795	5,194	213,726	0	7,850	14,381	-5,903	230,054
2007	111,029	7,972,577	13,926	78,798	980,139	80,395	21,215	35,830	592,102	813	5,410	217,265	0	9,335	13,972	-7,709	232,863
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	112,250	8,268,045	13,576	82,129	1,027,343	79,943	15,544	22,454	692,260	816	5,601	216,340	0	10,576	12,384	-4,811	234,489
2006-2015																	
% AAGR	0.24%			0.78%			-3.43%										0.21%
2016	110,057	8,395,700	13,109	81,105	1,041,502	77,873	15,416	23,553	654,524	843	5,597	213,018	0	9,939	11,236	-4,455	229,738
2017	110,920	8,532,427	13,000	81,752	1,055,634	77,444	15,650	24,761	632,042	853	5,633	214,808	0	9,537	10,823	-4,303	230,865
2018	112,125	8,671,840	12,930	82,398	1,066,782	77,240	15,788	25,348	622,850	865	5,670	216,846	0	9,051	11,041	-4,371	232,567
2019	113,212	8,809,049	12,852	83,041	1,080,419	76,860	15,938	25,790	617,991	876	5,693	218,760	0	8,918	11,237	-4,254	234,661
2020	114,760	8,945,434	12,829	83,954	1,093,869	76,750	16,062	26,182	613,475	887	5,749	221,412	0	8,907	11,242	-4,277	237,284
2021	116,074	9,079,910	12,784	84,621	1,107,063	76,437	16,087	26,591	604,979	901	5,806	223,489	0	8,452	11,098	-3,740	239,299
2022	117,283	9,212,971	12,730	85,261	1,120,078	76,121	16,088	26,918	597,667	914	5,870	225,416	0	8,011	11,113	-3,244	241,296
2023	118,527	9,345,391	12,683	85,931	1,132,780	75,859	15,918	27,133	586,666	927	5,922	227,225	0	8,136	11,111	-3,299	243,173
2024	119,758	9,476,925	12,637	86,674	1,145,115	75,690	15,714	27,210	577,508	939	5,978	229,063	0	7,796	11,292	-2,890	245,261
2025	121,146	9,607,046	12,610	87,376	1,157,210	75,506	15,700	27,328	574,502	953	6,034	231,209	0	7,896	11,037	-2,919	247,223
2016-2025																	
% AAGR	1.07%			0.83%			0.20%										0.82%

**2016
LOAD AND RESOURCE PLAN
FLORIDA RELIABILITY COORDINATING COUNCIL**

**FRCC Form 5.0
HISTORY AND FORECAST OF SUMMER PEAK DEMAND (MW)
AS OF JANUARY 1, 2016**

(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.	
2014	45,794	0	67	0	267	2,122	1,311	49,561
2015	45,867	0	71	0	292	2,199	1,336	49,765
2016	44,730	486	1,356	1,082	482	2,267	1,352	51,755
2017	45,111	498	1,416	1,100	482	2,325	1,392	52,324
2018	45,578	502	1,448	1,120	482	2,376	1,420	52,926
2019	46,143	517	1,467	1,139	482	2,423	1,447	53,618
2020	46,706	521	1,487	1,159	482	2,465	1,474	54,294
2021	47,256	522	1,508	1,175	482	2,500	1,500	54,943
2022	47,718	532	1,530	1,193	482	2,533	1,525	55,513
2023	48,243	515	1,546	1,210	482	2,562	1,549	56,107
2024	48,854	483	1,561	1,227	482	2,591	1,574	56,772
2025	49,499	484	1,576	1,244	483	2,625	1,600	57,511
CAAGR (%):	1.13%							

**2016
LOAD AND RESOURCE PLAN
FLORIDA RELIABILITY COORDINATING COUNCIL**

**FRCC Form 6.0
HISTORY AND FORECAST OF WINTER PEAK DEMAND (MW)
AS OF JANUARY 1, 2016**

(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.	
2014/15	42,597	0	106	0	267	2,293	674	45,936
2015/16	38,187	0	96	0	331	2,341	678	41,633
2016/17	42,636	464	1,595	826	482	2,413	701	49,117
2017/18	43,015	468	1,642	837	482	2,456	716	49,616
2018/19	43,552	482	1,663	849	482	2,497	731	50,256
2019/20	44,000	492	1,684	859	482	2,533	746	50,796
2020/21	44,458	492	1,705	870	482	2,564	763	51,334
2021/22	44,894	493	1,726	880	482	2,590	778	51,843
2022/23	45,346	478	1,746	892	482	2,614	795	52,353
2023/24	45,827	447	1,766	902	482	2,635	812	52,871
2024/25	46,261	450	1,787	913	483	2,663	829	53,386
2025/26	46,733	450	1,804	924	483	2,686	846	53,926
CAAGR (%):	1.02%							

**2016
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, 2016**

(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.	
2014	224,724	0	0	0	2,301	4,976	3,945	235,946
2015	234,489	0	0	0	2,337	5,153	4,041	246,020
2016	229,738	0	0	0	2,706	5,207	4,080	241,731
2017	230,865	0	0	0	2,702	5,276	4,132	242,975
2018	232,567	0	0	0	2,760	5,353	4,196	244,876
2019	234,661	0	0	0	2,764	5,441	4,273	247,139
2020	237,284	0	0	0	2,767	5,541	4,364	249,956
2021	239,299	0	0	0	2,764	5,649	4,465	252,177
2022	241,296	0	0	0	2,764	5,768	4,579	254,407
2023	243,173	0	0	0	2,764	5,899	4,704	256,540
2024	245,261	0	0	0	2,767	6,043	4,844	258,915
2025	247,223	0	0	0	2,764	6,201	4,996	261,184
CAAGR (%):	0.82%							

**2016
LOAD AND RESOURCE PLAN
FLORIDA RELIABILITY COORDINATING COUNCIL**

**SUMMARY OF INTERRUPTIBLE LOAD AND LOAD MANAGEMENT (MW)
2016 THROUGH 2025**

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	RES LM	COM LM	INT	COM LM	INT	RES LM	COM LM		
2016	248	352	117	931	859	109	32	73	0	0	97	106	486	1,356	1,082	2,924	
2017	252	358	122	983	870	109	41	74	1	4	96	104	498	1,416	1,100	3,014	
2018	258	364	126	1,006	883	109	41	75	3	6	94	105	502	1,448	1,120	3,070	
2019	273	370	130	1,016	895	109	41	76	5	8	94	106	517	1,467	1,139	3,123	
2020	289	375	135	1,025	907	109	32	77	10	10	91	107	521	1,487	1,159	3,167	
2021	289	381	139	1,034	918	109	32	78	15	10	92	108	522	1,508	1,175	3,205	
2022	289	387	143	1,044	930	109	42	79	20	10	92	110	532	1,530	1,193	3,255	
2023	289	393	147	1,053	942	109	41	80	20	10	76	111	515	1,546	1,210	3,271	
2024	257	398	151	1,062	954	109	41	81	20	10	76	112	483	1,561	1,227	3,271	
2025	258	404	156	1,070	965	109	41	82	20	10	76	113	484	1,576	1,244	3,304	

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	RES LM	COM LM	INT	COM LM	INT	RES LM	COM LM		
2016/17	229	693	117	801	596	110	36	101	0	0	89	113	464	1,595	826	2,885	
2017/18	233	705	122	835	601	110	38	102	0	0	87	114	468	1,642	837	2,947	
2018/19	247	717	126	843	607	110	38	103	0	0	87	116	482	1,663	849	2,994	
2019/20	261	729	130	851	612	110	38	104	0	0	83	117	492	1,684	859	3,035	
2020/21	261	741	134	858	618	110	38	106	0	0	83	118	492	1,705	870	3,067	
2021/22	261	753	138	866	623	110	38	107	0	0	84	119	493	1,726	880	3,099	
2022/23	261	765	143	873	629	110	38	108	0	0	69	120	478	1,746	892	3,116	
2023/24	232	777	147	880	634	110	38	109	0	0	67	121	447	1,766	902	3,115	
2024/25	233	789	151	888	639	110	38	110	0	0	69	123	450	1,787	913	3,150	
2025/26	233	801	155	893	645	110	38	110	0	0	69	124	450	1,804	924	3,178	

**2016
LOAD AND RESOURCE PLAN
FLORIDA RELIABILITY COORDINATING COUNCIL
SUMMARY OF EXISTING CAPACITY
AS OF DECEMBER 31, 2015**

UTILITY	NET CAPABILITY (MW)	
	SUMMER	WINTER
DUKE ENERGY FLORIDA	9,101	10,070
FLORIDA KEYS ELECTRIC COOPERATIVE ASSOCIATION INC	0	0
FLORIDA MUNICIPAL POWER AGENCY	1,289	1,338
FLORIDA POWER & LIGHT COMPANY	25,233	27,129
FORT PIERCE UTILITIES AUTHORITIES	0	0
GAINESVILLE REGIONAL UTILITIES	525	554
HOMESTEAD ENERGY SERVICES	32	32
JEA	3,769	4,110
KEY WEST UTILITY BOARD	36	36
KISSIMMEE UTILITY AUTHORITY	243	255
LAKE WORTH UTILITIES CITY OF	77	80
LAKELAND CITY OF	929	975
NEW SMYRNA BEACH UTILITIES COMMISSION OF	44	48
OCALA UTILITY SERVICES	0	0
ORLANDO UTILITIES COMMISSION	1,482	1,528
REEDY CREEK IMPROVEMENT DISTRICT	55	55
SEMINOLE ELECTRIC COOPERATIVE INC	2,012	2,178
ST CLOUD CITY OF	0	0
TALLAHASSEE CITY OF	746	822
TAMPA ELECTRIC COMPANY	4,337	4,728
US CORPS OF ENGINEERS - MOBILE	44	44
VERO BEACH CITY OF	0	0
FRCC EXISTING CAPACITY (DECEMBER 31)	49,953	53,981
FRCC EXISTING CAPACITY (SUMMER 16, WINTER 16/17)	50,904	54,975
FIRM NON-UTILITY PURCHASES (DECEMBER 31)	4,226	4,525
FIRM NON-UTILITY PURCHASES (SUMMER 16, WINTER 16/17)	4,271	4,145
TOTAL FRCC EXISTING (JANUARY 1)	54,179	58,506
TOTAL FRCC EXISTING (SUMMER 16, WINTER 16/17)	55,175	59,121

**2016
LOAD AND RESOURCE PLAN
FLORIDA RELIABILITY COORDINATING COUNCIL
FRCC Form 1.0
EXISTING GENERATING FACILITIES AS OF DECEMBER 31, 2015**

(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	--- / -----	537.0	538.0	521.0	524.0	OP
ANCLOTE	2	PASCO	ST	NG	PL	---	---	0	10 / 1978	--- / -----	535.0	538.0	520.0	524.0	OP
AVON PARK	P1	HIGHLANDS	GT	NG	PL	DFO	TK	3	12 / 1968	6 / 2020	24.0	35.0	24.0	35.0	OP
AVON PARK	P2	HIGHLANDS	GT	DFO	TK	---	---	0	12 / 1968	6 / 2020	24.0	35.0	24.0	35.0	OP
BAYBORO	P1	PINELLAS	GT	DFO	WA	---	---	0	4 / 1973	--- / -----	44.0	59.0	44.0	59.0	OP
BAYBORO	P2	PINELLAS	GT	DFO	WA	---	---	0	4 / 1973	--- / -----	42.0	57.0	42.0	57.0	OP
BAYBORO	P3	PINELLAS	GT	DFO	WA	---	---	0	4 / 1973	--- / -----	44.0	58.0	44.0	58.0	OP
BAYBORO	P4	PINELLAS	GT	DFO	WA	---	---	0	4 / 1973	--- / -----	44.0	58.0	44.0	58.0	OP
CRYSTAL RIVER	1	CITRUS	ST	BIT	RR	BIT	WA	0	10 / 1966	4 / 2018	400.0	402.0	370.0	372.0	OP
CRYSTAL RIVER	2	CITRUS	ST	BIT	RR	BIT	WA	0	11 / 1969	4 / 2018	515.0	519.0	499.0	503.0	OP
CRYSTAL RIVER	4	CITRUS	ST	BIT	WA	BIT	RR	0	12 / 1982	--- / -----	769.0	767.0	712.0	721.0	OP
CRYSTAL RIVER	5	CITRUS	ST	BIT	WA	BIT	RR	0	10 / 1984	--- / -----	767.0	778.0	710.0	721.0	OP
DEBARY	P1	VOLUSIA	GT	DFO	TK	---	---	0	2 / 1976	--- / -----	54.0	65.0	54.0	65.0	OP
DEBARY	P2	VOLUSIA	GT	DFO	TK	---	---	0	3 / 1976	--- / -----	51.0	64.0	51.0	64.0	OP
DEBARY	P3	VOLUSIA	GT	DFO	TK	---	---	0	12 / 1975	--- / -----	52.0	63.0	52.0	63.0	OP
DEBARY	P4	VOLUSIA	GT	DFO	TK	---	---	0	4 / 1976	--- / -----	51.0	63.0	51.0	63.0	OP
DEBARY	P5	VOLUSIA	GT	DFO	TK	---	---	0	12 / 1975	--- / -----	50.0	63.0	50.0	63.0	OP
DEBARY	P6	VOLUSIA	GT	DFO	TK	---	---	0	4 / 1976	--- / -----	67.0	67.0	52.0	63.0	OP
DEBARY	P7	VOLUSIA	GT	NG	PL	DFO	TK	8	10 / 1992	--- / -----	83.0	97.0	83.0	97.0	OP
DEBARY	P8	VOLUSIA	GT	NG	PL	DFO	TK	0	10 / 1992	--- / -----	83.0	96.0	83.0	96.0	OP
DEBARY	P9	VOLUSIA	GT	NG	PL	DFO	TK	0	10 / 1992	--- / -----	81.0	97.0	81.0	97.0	OP
DEBARY	P10	VOLUSIA	GT	DFO	TK	---	---	0	10 / 1992	--- / -----	80.0	95.0	80.0	95.0	OP
G. E. TURNER	P1	VOLUSIA	GT	DFO	TK	---	---	0	10 / 1970	6 / 2016	10.0	13.0	10.0	13.0	OP
G. E. TURNER	P2	VOLUSIA	GT	DFO	TK	---	---	0	10 / 1970	6 / 2016	10.0	13.0	10.0	13.0	OP
G. E. TURNER	P4	VOLUSIA	GT	DFO	TK	---	---	0	8 / 1974	6 / 2016	59.0	78.0	59.0	78.0	OP
HIGGINS	P1	PINELLAS	GT	NG	PL	DFO	TK	0	3 / 1969	6 / 2020	20.0	20.0	20.0	20.0	OP
HIGGINS	P2	PINELLAS	GT	NG	PL	DFO	TK	0	4 / 1969	6 / 2020	25.0	25.0	25.0	25.0	OP
HIGGINS	P3	PINELLAS	GT	NG	PL	DFO	TK	0	12 / 1970	6 / 2020	32.0	36.0	32.0	36.0	OP
HIGGINS	P4	PINELLAS	GT	NG	PL	DFO	TK	1	1 / 1971	6 / 2020	32.0	35.0	32.0	35.0	OP
HINES ENERGY COMPLEX	1GT1	POLK	CT	NG	PL	DFO	TK	0	4 / 1999	--- / -----	152.0	174.0	151.0	174.0	OP
HINES ENERGY COMPLEX	1GT2	POLK	CT	NG	PL	DFO	TK	0	4 / 1999	--- / -----	152.0	174.0	151.0	174.0	OP
HINES ENERGY COMPLEX	1ST	POLK	CA	WH	NA	---	---	2	4 / 1999	--- / -----	164.0	186.0	160.0	180.0	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.)															
HINES ENERGY COMPLEX	2GT1	POLK	CT	NG	PL	DFO	TK	0	12 / 2003	--- / -----	154.0	186.0	154.0	186.0	OP
HINES ENERGY COMPLEX	2GT2	POLK	CT	NG	PL	DFO	TK	0	12 / 2003	--- / -----	154.0	186.0	154.0	186.0	OP
HINES ENERGY COMPLEX	2ST	POLK	CA	WH	NA	---	---	0	12 / 2003	--- / -----	187.0	197.0	182.0	191.0	OP
HINES ENERGY COMPLEX	3GT1	POLK	CT	NG	PL	DFO	TK	0	11 / 2005	--- / -----	155.0	186.0	155.0	186.0	OP
HINES ENERGY COMPLEX	3GT2	POLK	CT	NG	PL	DFO	TK	0	11 / 2005	--- / -----	155.0	186.0	155.0	186.0	OP
HINES ENERGY COMPLEX	3ST	POLK	CA	WH	NA	---	---	0	11 / 2005	--- / -----	185.0	198.0	178.0	192.0	OP
HINES ENERGY COMPLEX	4GT1	POLK	CT	NG	PL	DFO	TK	0	12 / 2007	--- / -----	151.0	182.0	151.0	182.0	OP
HINES ENERGY COMPLEX	4GT2	POLK	CT	NG	PL	DFO	TK	0	12 / 2007	--- / -----	151.0	182.0	151.0	182.0	OP
HINES ENERGY COMPLEX	4ST	POLK	CA	WH	NA	DFO	TK	0	12 / 2007	--- / -----	178.0	188.0	170.0	180.0	OP
INTERCESSION CITY	P1	OSCEOLA	GT	DFO	PL	---	---	0	5 / 1974	--- / -----	48.0	63.0	48.0	63.0	OP
INTERCESSION CITY	P2	OSCEOLA	GT	DFO	PL	---	---	0	5 / 1974	--- / -----	48.0	61.0	48.0	61.0	OP
INTERCESSION CITY	P3	OSCEOLA	GT	DFO	PL	---	---	0	5 / 1974	--- / -----	47.0	63.0	47.0	63.0	OP
INTERCESSION CITY	P4	OSCEOLA	GT	DFO	PL	---	---	0	5 / 1974	--- / -----	47.0	62.0	47.0	62.0	OP
INTERCESSION CITY	P5	OSCEOLA	GT	DFO	PL	---	---	0	5 / 1974	--- / -----	47.0	61.0	47.0	61.0	OP
INTERCESSION CITY	P6	OSCEOLA	GT	DFO	PL	---	---	0	5 / 1974	--- / -----	49.0	62.0	49.0	62.0	OP
INTERCESSION CITY	P7	OSCEOLA	GT	NG	PL	DFO	PL	5	10 / 1993	--- / -----	83.0	94.0	83.0	94.0	OP
INTERCESSION CITY	P8	OSCEOLA	GT	NG	PL	DFO	PL	0	10 / 1993	--- / -----	83.0	95.0	83.0	95.0	OP
INTERCESSION CITY	P9	OSCEOLA	GT	NG	PL	DFO	PL	0	10 / 1993	--- / -----	82.0	95.0	82.0	95.0	OP
INTERCESSION CITY	P10	OSCEOLA	GT	NG	PL	DFO	PL	0	10 / 1993	--- / -----	82.0	95.0	82.0	95.0	OP
INTERCESSION CITY *	P11	OSCEOLA	GT	DFO	PL	---	---	0	1 / 1997	--- / -----	143.0	161.0	143.0	161.0	OP
INTERCESSION CITY	P12	OSCEOLA	GT	NG	PL	DFO	PL	5	12 / 2000	--- / -----	76.0	92.0	76.0	92.0	OP
INTERCESSION CITY	P13	OSCEOLA	GT	NG	PL	DFO	PL	0	12 / 2000	--- / -----	76.0	92.0	76.0	92.0	OP
INTERCESSION CITY	P14	OSCEOLA	GT	NG	PL	DFO	PL	0	12 / 2000	--- / -----	73.0	95.0	73.0	92.0	OP
P. L. BARTOW	4AGT	PINELLAS	CT	NG	PL	DFO	TK	0	6 / 2009	--- / -----	174.0	207.0	173.0	201.0	OP
P. L. BARTOW	4BGT	PINELLAS	CT	NG	PL	DFO	TK	0	6 / 2009	--- / -----	176.0	207.0	175.0	203.0	OP
P. L. BARTOW	4CGT	PINELLAS	CT	NG	PL	DFO	TK	0	6 / 2009	--- / -----	173.0	201.0	172.0	201.0	OP
P. L. BARTOW	4DGT	PINELLAS	CT	NG	PL	DFO	TK	0	6 / 2009	--- / -----	173.0	201.0	172.0	201.0	OP
P. L. BARTOW	4ST	PINELLAS	CA	WH	NA	---	---	0	6 / 2009	--- / -----	483.0	395.0	413.0	379.0	OP
P. L. BARTOW	P1	PINELLAS	GT	DFO	WA	---	---	0	5 / 1972	--- / -----	43.0	52.0	43.0	52.0	OP
P. L. BARTOW	P2	PINELLAS	GT	NG	PL	DFO	WA	8	6 / 1972	--- / -----	42.0	57.0	42.0	57.0	OP
P. L. BARTOW	P3	PINELLAS	GT	DFO	WA	---	---	0	6 / 1972	--- / -----	43.0	53.0	43.0	53.0	OP
P. L. BARTOW	P4	PINELLAS	GT	NG	PL	DFO	WA	8	6 / 1972	--- / -----	49.0	61.0	47.0	61.0	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.)															
RIO PINAR	P1	ORANGE	GT	DFO	TK	---	---	0	11 / 1970	6 / 2016	12.0	15.0	12.0	15.0	OP
SUWANNEE RIVER	1	SUWANNEE	ST	NG	PL	NG	TK	0	11 / 1953	11 / 2016	31.0	32.0	28.0	28.0	OP
SUWANNEE RIVER	2	SUWANNEE	ST	NG	PL	NG	TK	0	11 / 1954	11 / 2016	30.0	30.0	29.0	28.0	OP
SUWANNEE RIVER	3	SUWANNEE	ST	NG	PL	NG	TK	0	10 / 1956	11 / 2016	75.0	77.0	71.0	73.0	OP
SUWANNEE RIVER	P1	SUWANNEE	GT	NG	PL	DFO	TK	9	10 / 1980	--- / ----	52.0	67.0	52.0	67.0	OP
SUWANNEE RIVER	P2	SUWANNEE	GT	DFO	TK	---	---	0	10 / 1980	--- / ----	51.0	66.0	51.0	66.0	OP
SUWANNEE RIVER	P3	SUWANNEE	GT	NG	PL	DFO	TK	0	11 / 1980	--- / ----	52.0	67.0	52.0	67.0	OP
TIGER BAY	1GT	POLK	CT	NG	PL	---	---	0	8 / 1997	--- / ----	134.0	160.0	134.0	160.0	OP
TIGER BAY	1ST	POLK	CA	WH	NA	---	---	0	8 / 1997	--- / ----	74.0	74.0	71.0	71.0	OP
UNIVERSITY OF FLORIDA	P1	ALACHUA	GT	NG	PL	---	---	0	1 / 1994	--- / ----	46.0	48.0	46.0	47.0	OP
DEF TOTAL:												9,101.0	10,070.0		
FLORIDA KEYS ELECTRIC COOPERATIVE ASSOCIATION INC															
MARATHON	1	MONROE	IC	DFO	TK	RFO	TK	0	6 / 1988	--- / ----	2.0	2.0	2.0	2.0	SB
MARATHON	2	MONROE	IC	DFO	TK	RFO	TK	0	6 / 1988	--- / ----	2.0	2.0	2.0	2.0	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	19.0	17.5	19.0	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	NA	---	---	0	6 / 1995	--- / ----	22.0	22.0	20.0	20.0	OP
CANE ISLAND *	3CT	OSCEOLA	CT	NG	PL	DFO	TK	0	1 / 2002	--- / ----	77.0	81.0	75.0	79.0	OP
CANE ISLAND *	3CW	OSCEOLA	CA	WH	NA	---	---	0	1 / 2002	--- / ----	47.5	48.5	45.0	46.0	OP
CANE ISLAND	4CT	OSCEOLA	CT	NG	PL	---	---	0	7 / 2011	--- / ----	153.0	158.0	150.0	155.0	OP
CANE ISLAND	4CW	OSCEOLA	CA	WH	NA	---	---	0	7 / 2011	--- / ----	158.0	163.0	150.0	155.0	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.)															
INDIAN RIVER	A	BREVARD	GT	NG	PL	DFO	TK	0	7 / 1989	--- / -----	14.2	18.0	14.2	18.0	OP
INDIAN RIVER	B	BREVARD	GT	NG	PL	DFO	TK	0	7 / 1989	--- / -----	14.2	18.0	14.2	18.0	OP
INDIAN RIVER *	C	BREVARD	GT	NG	PL	DFO	TK	0	8 / 1992	--- / -----	22.3	26.2	22.3	26.2	OP
INDIAN RIVER *	D	BREVARD	GT	NG	PL	DFO	TK	0	8 / 1992	--- / -----	22.3	26.2	22.3	26.2	OP
ST. LUCIE *	2	ST. LUCIE	ST	NUC	TK	---	---	0	6 / 1983	--- / -----	86.2	89.6	86.2	89.6	OP
STANTON *	1	ORANGE	ST	BIT	RR	---	---	0	7 / 1987	--- / -----	114.8	114.8	114.8	114.8	OP
STANTON *	2	ORANGE	ST	BIT	RR	---	---	0	6 / 1996	--- / -----	125.9	125.9	125.9	125.9	OP
STANTON A *	CT	ORANGE	CT	NG	PL	DFO	TK	3	10 / 2003	--- / -----	11.3	12.6	11.3	12.6	OP
STANTON A *	ST	ORANGE	CA	WH	PL	DFO	TK	3	10 / 2003	--- / -----	10.0	10.0	10.0	10.0	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	--- / -----	46.0	46.0	46.0	46.0	OP
TREASURE COAST ENERGY CTR	1	ST. LUCIE	CT	NG	PL	DFO	TK	0	6 / 2008	--- / -----	156.0	161.0	150.0	155.0	OP
TREASURE COAST ENERGY CTR	1	ST. LUCIE	CA	WH	NA	NA	RR	0	6 / 2008	--- / -----	159.0	164.0	150.0	155.0	OP
FMPA TOTAL:												1,289.2	1,337.8		
FLORIDA POWER & LIGHT COMPANY															
CAPE CANAVERAL	3A	BREVARD	CT	NG	PL	DFO	PL	0	4 / 2013	--- / -----	246.3	292.0	246.3	292.0	OP
CAPE CANAVERAL	3B	BREVARD	CT	NG	PL	DFO	PL	0	4 / 2013	--- / -----	246.3	292.0	237.8	283.5	OP
CAPE CANAVERAL	3C	BREVARD	CT	NG	PL	DFO	PL	0	4 / 2013	--- / -----	246.3	292.0	237.8	283.5	OP
CAPE CANAVERAL	3ST	BREVARD	ST	NG	PL	DFO	PL	0	4 / 2013	--- / -----	488.0	527.0	488.0	527.0	OP
CEDAR BAY	1	DUVAL	ST	BIT	RR	OTH	WA	0	1 / 1994	1 / 2017	250.0	250.0	250.0	250.0	OP
FT. MYERS	1	LEE	GT	DFO	WA	---	---	0	5 / 1974	--- / -----	54.4	61.7	54.0	61.5	OP
FT. MYERS	2	LEE	GT	DFO	WA	---	---	0	5 / 1974	12 / 2016	54.0	61.5	54.0	61.5	OP
FT. MYERS	3	LEE	GT	DFO	WA	---	---	0	5 / 1974	12 / 2016	54.4	61.7	54.0	61.5	OP
FT. MYERS	4	LEE	GT	DFO	WA	---	---	0	5 / 1974	12 / 2016	54.0	61.5	54.0	61.5	OP
FT. MYERS	5	LEE	GT	DFO	WA	---	---	0	5 / 1974	12 / 2016	54.4	61.7	54.0	61.5	OP
FT. MYERS	6	LEE	GT	DFO	WA	---	---	0	5 / 1974	12 / 2016	54.0	61.5	54.0	61.5	OP
FT. MYERS	7	LEE	GT	DFO	WA	---	---	0	5 / 1974	12 / 2016	54.4	61.7	54.0	61.5	OP
FT. MYERS	9	LEE	GT	DFO	WA	---	---	0	5 / 1974	--- / -----	54.4	61.7	54.0	61.5	OP
FT. MYERS	10	LEE	GT	DFO	WA	---	---	0	5 / 1974	12 / 2016	54.0	61.5	54.0	61.5	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)	
FLORIDA POWER & LIGHT COMPANY (cont.)															
FT. MYERS	11	LEE	GT	DFO	WA	---	---	0	5 / 1974	12 / 2016	54.4	61.7	54.0	61.5	OP
FT. MYERS	12	LEE	GT	DFO	WA	---	---	0	5 / 1974	12 / 2016	54.0	61.5	54.0	61.5	OP
FT. MYERS	2CTA	LEE	CT	NG	PL	---	---	0	6 / 2002	--- / -----	173.3	189.8	170.5	187.0	OP
FT. MYERS	2CTB	LEE	CT	NG	PL	---	---	0	6 / 2002	--- / -----	173.3	189.8	170.5	187.0	OP
FT. MYERS	2CTC	LEE	CT	NG	PL	---	---	0	6 / 2002	--- / -----	173.3	189.8	170.5	187.0	OP
FT. MYERS	2CTD	LEE	CT	NG	PL	---	---	0	6 / 2002	--- / -----	173.3	189.8	170.5	187.0	OP
FT. MYERS	2CTE	LEE	CT	NG	PL	---	---	0	6 / 2002	--- / -----	173.3	189.8	170.5	187.0	OP
FT. MYERS	2CTF	LEE	CT	NG	PL	---	---	0	6 / 2002	--- / -----	173.3	189.8	170.5	187.0	OP
FT. MYERS	2ST1	LEE	CA	WH	NA	---	---	0	6 / 2002	--- / -----	58.0	63.0	55.3	60.3	OP
FT. MYERS	2ST2	LEE	CA	WH	NA	---	---	0	6 / 2002	--- / -----	394.5	491.9	391.8	489.2	OP
FT. MYERS	3CTA	LEE	GT	NG	PL	---	---	0	6 / 2001	--- / -----	157.6	176.6	157.0	176.0	OP
FT. MYERS	3CTB	LEE	GT	NG	PL	---	---	0	6 / 2001	--- / -----	157.6	176.6	157.0	176.0	OP
LAUDERDALE	1	BROWARD	GT	NG	PL	DFO	TK	3	8 / 1970	10 / 2016	34.4	36.8	34.3	36.7	OP
LAUDERDALE	2	BROWARD	GT	NG	PL	DFO	TK	3	8 / 1970	10 / 2016	34.4	36.8	34.3	36.7	OP
LAUDERDALE	3	BROWARD	GT	NG	PL	DFO	TK	3	8 / 1970	--- / -----	34.4	36.8	34.3	36.7	OP
LAUDERDALE	4	BROWARD	GT	NG	PL	DFO	TK	3	8 / 1970	10 / 2016	34.4	36.8	34.3	36.7	OP
LAUDERDALE	5	BROWARD	GT	NG	PL	DFO	TK	3	8 / 1970	--- / -----	34.4	36.8	34.3	36.7	OP
LAUDERDALE	6	BROWARD	GT	NG	PL	DFO	TK	3	8 / 1970	10 / 2016	34.4	36.8	34.3	36.7	OP
LAUDERDALE	7	BROWARD	GT	NG	PL	DFO	TK	3	8 / 1970	10 / 2016	34.4	36.8	34.3	36.7	OP
LAUDERDALE	8	BROWARD	GT	NG	PL	DFO	TK	3	8 / 1970	10 / 2016	34.4	36.8	34.3	36.7	OP
LAUDERDALE	9	BROWARD	GT	NG	PL	DFO	TK	3	8 / 1970	10 / 2016	34.4	36.8	34.3	36.7	OP
LAUDERDALE	10	BROWARD	GT	NG	PL	DFO	TK	3	8 / 1970	10 / 2016	34.4	36.8	34.3	36.7	OP
LAUDERDALE	11	BROWARD	GT	NG	PL	DFO	TK	3	8 / 1970	10 / 2016	34.4	36.8	34.3	36.7	OP
LAUDERDALE	12	BROWARD	GT	NG	CV	DFO	TK	3	8 / 1970	10 / 2016	34.4	36.8	34.3	36.7	OP
LAUDERDALE	13	BROWARD	GT	NG	PL	DFO	TK	3	8 / 1972	10 / 2016	34.4	36.8	34.3	36.7	OP
LAUDERDALE	14	BROWARD	GT	NG	PL	DFO	TK	3	8 / 1972	10 / 2016	34.4	36.8	34.3	36.7	OP
LAUDERDALE	15	BROWARD	GT	NG	PL	DFO	TK	3	8 / 1972	10 / 2016	34.4	36.8	34.3	36.7	OP
LAUDERDALE	16	BROWARD	GT	NG	PL	DFO	TK	3	8 / 1972	10 / 2016	34.4	36.8	34.3	36.7	OP
LAUDERDALE	17	BROWARD	GT	NG	PL	DFO	TK	3	8 / 1972	10 / 2016	34.4	36.8	34.3	36.7	OP
LAUDERDALE	18	BROWARD	GT	NG	PL	DFO	TK	3	8 / 1972	10 / 2016	34.4	36.8	34.3	36.7	OP
LAUDERDALE	19	BROWARD	GT	NG	PL	DFO	TK	3	8 / 1972	10 / 2016	34.4	36.8	34.3	36.7	OP
LAUDERDALE	20	BROWARD	GT	NG	PL	DFO	TK	3	8 / 1972	10 / 2016	34.4	36.8	34.3	36.7	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	21	BROWARD	GT	NG	PL	DFO	TK	3	8 / 1972	10 / 2016	34.4	36.8	34.3	36.7	OP
LAUDERDALE	22	BROWARD	GT	NG	PL	DFO	TK	3	8 / 1972	10 / 2016	34.4	36.8	34.3	36.7	OP
LAUDERDALE	23	BROWARD	GT	NG	PL	DFO	TK	3	8 / 1972	10 / 2016	34.4	36.8	34.3	36.7	OP
LAUDERDALE	24	BROWARD	GT	NG	PL	DFO	TK	3	8 / 1972	10 / 2016	34.4	36.8	34.3	36.7	OP
LAUDERDALE	4GT1	BROWARD	CT	NG	PL	DFO	TK	4	5 / 1993	--- / ---	155.4	173.9	152.9	171.4	OP
LAUDERDALE	4GT2	BROWARD	CT	NG	PL	DFO	TK	4	5 / 1993	--- / ---	155.4	173.9	152.9	171.4	OP
LAUDERDALE	4ST	BROWARD	CA	WH	NA	DFO	PL	0	10 / 1957	--- / ---	136.2	150.3	136.2	150.3	OP
LAUDERDALE	5GT1	BROWARD	CT	NG	PL	DFO	TK	4	6 / 1993	--- / ---	155.4	173.9	152.9	171.4	OP
LAUDERDALE	5GT2	BROWARD	CT	NG	PL	DFO	TK	4	6 / 1993	--- / ---	155.4	173.9	152.9	171.4	OP
LAUDERDALE	5ST	BROWARD	CA	WH	NA	---	---	0	4 / 1958	--- / ---	136.2	150.3	136.2	150.3	OP
MANATEE	1	MANATEE	ST	RFO	WA	NG	PL	0	10 / 1976	--- / ---	841.0	851.6	809.0	819.0	OP
MANATEE	2	MANATEE	ST	RFO	WA	NG	PL	0	12 / 1977	--- / ---	841.0	851.6	809.0	819.0	OP
MANATEE	3CTA	MANATEE	CT	NG	PL	---	---	0	6 / 2005	--- / ---	168.3	190.1	159.3	181.1	OP
MANATEE	3CTB	MANATEE	CT	NG	PL	---	---	0	6 / 2005	--- / ---	168.3	190.1	168.3	190.1	OP
MANATEE	3CTC	MANATEE	CT	NG	PL	---	---	0	6 / 2005	--- / ---	168.3	190.1	159.3	181.1	OP
MANATEE	3CTD	MANATEE	CT	NG	PL	---	---	0	6 / 2005	--- / ---	168.3	190.1	168.3	190.1	OP
MANATEE	3ST	MANATEE	CA	WH	NA	---	---	0	6 / 2005	--- / ---	485.9	513.5	485.9	513.5	OP
MARTIN	1	MARTIN	ST	RFO	PL	NG	PL	0	12 / 1980	--- / ---	855.8	862.2	823.0	829.0	OP
MARTIN	2	MARTIN	ST	RFO	PL	NG	PL	0	6 / 1981	--- / ---	834.6	841.0	803.0	809.0	OP
MARTIN	3GT1	MARTIN	CT	NG	PL	DFO	TK	0	2 / 1994	--- / ---	149.7	162.7	146.7	159.7	OP
MARTIN	3GT2	MARTIN	CT	NG	PL	DFO	TK	0	2 / 1994	--- / ---	149.7	162.7	146.7	159.7	OP
MARTIN	3ST	MARTIN	CA	WH	NA	---	---	0	2 / 1994	--- / ---	175.6	179.6	175.6	179.6	OP
MARTIN	4GT1	MARTIN	CT	NG	PL	DFO	TK	0	4 / 1994	--- / ---	149.7	162.7	146.7	159.7	OP
MARTIN	4GT2	MARTIN	CT	NG	PL	DFO	TK	0	4 / 1994	--- / ---	149.7	162.7	146.7	159.7	OP
MARTIN	4ST	MARTIN	CA	WH	NA	---	---	0	4 / 1994	--- / ---	175.6	179.6	175.6	179.6	OP
MARTIN	8CTA	MARTIN	CT	NG	PL	---	---	0	6 / 2005	--- / ---	167.3	188.1	155.8	176.6	OP
MARTIN	8CTB	MARTIN	CT	NG	PL	---	---	0	6 / 2005	--- / ---	167.3	188.1	167.3	188.1	OP
MARTIN	8CTC	MARTIN	CT	NG	PL	---	---	0	6 / 2005	--- / ---	167.3	188.1	155.8	176.6	OP
MARTIN	8CTD	MARTIN	CT	NG	PL	---	---	0	6 / 2005	--- / ---	167.3	188.1	167.3	188.1	OP
MARTIN	8ST	MARTIN	CA	WH	NA	---	---	0	6 / 2005	--- / ---	488.9	513.7	488.9	513.7	OP
PORT EVERGLADES	1	BROWARD	GT	NG	PL	DFO	PL	3	8 / 1971	10 / 2016	34.4	36.8	34.3	36.7	OP
PORT EVERGLADES	2	BROWARD	GT	NG	PL	DFO	RR	3	8 / 1971	10 / 2016	34.4	36.8	34.3	36.7	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	3	BROWARD	GT	NG	PL	DFO	PL	3	8 / 1971	10 / 2016	34.4	36.8	34.3	36.7	OP
PORT EVERGLADES	4	BROWARD	GT	NG	PL	DFO	PL	3	8 / 1971	10 / 2016	34.4	36.8	34.3	36.7	OP
PORT EVERGLADES	5	BROWARD	GT	NG	PL	DFO	PL	3	8 / 1971	10 / 2016	34.4	36.8	34.3	36.7	OP
PORT EVERGLADES	6	BROWARD	GT	NG	PL	DFO	PL	3	8 / 1971	10 / 2016	34.4	36.8	34.3	36.7	OP
PORT EVERGLADES	7	BROWARD	GT	NG	PL	DFO	PL	3	8 / 1971	10 / 2016	34.4	36.8	34.3	36.7	OP
PORT EVERGLADES	8	BROWARD	GT	NG	PL	DFO	PL	3	8 / 1971	10 / 2016	34.4	36.8	34.3	36.7	OP
PORT EVERGLADES	9	BROWARD	GT	NG	PL	DFO	PL	3	8 / 1971	10 / 2016	34.4	36.8	34.3	36.7	OP
PORT EVERGLADES	10	BROWARD	GT	NG	PL	DFO	PL	3	8 / 1971	10 / 2016	34.4	36.8	34.3	36.7	OP
PORT EVERGLADES	11	BROWARD	GT	NG	PL	DFO	PL	3	8 / 1971	10 / 2016	34.4	36.8	34.3	36.7	OP
PORT EVERGLADES	12	BROWARD	GT	NG	PL	DFO	PL	3	8 / 1971	10 / 2016	34.4	36.8	34.3	36.7	OP
RIVIERA	5A	PALM BEACH	CT	NG	PL	RFO	WA	0	6 / 2014	--- / ----	246.7	287.0	246.7	287.0	OP
RIVIERA	5B	PALM BEACH	CT	NG	PL	RFO	WA	0	6 / 2014	--- / ----	246.7	287.0	238.2	278.5	OP
RIVIERA	5C	PALM BEACH	CT	NG	PL	RFO	WA	0	6 / 2014	--- / ----	246.7	287.0	238.2	278.5	OP
RIVIERA	5ST	PALM BEACH	CA	NG	PL	RFO	WA	0	6 / 2014	--- / ----	488.8	516.1	488.8	516.1	OP
SANFORD	4CTA	VOLUSIA	CT	NG	PL	---	---	0	10 / 2003	--- / ----	167.4	187.3	164.8	184.7	OP
SANFORD	4CTB	VOLUSIA	CT	NG	PL	---	---	0	10 / 2003	--- / ----	167.4	187.3	164.8	184.7	OP
SANFORD	4CTC	VOLUSIA	CT	NG	PL	---	---	0	10 / 2003	--- / ----	167.4	187.3	164.8	184.7	OP
SANFORD	4CTD	VOLUSIA	CT	NG	PL	---	---	0	10 / 2003	--- / ----	167.4	187.3	164.8	184.7	OP
SANFORD	4ST	VOLUSIA	CA	WH	NA	---	---	0	10 / 2003	--- / ----	348.6	363.7	346.0	361.1	OP
SANFORD	5CTA	VOLUSIA	CT	NG	PL	---	---	0	6 / 2002	--- / ----	167.4	187.3	164.8	184.7	OP
SANFORD	5CTB	VOLUSIA	CT	NG	PL	---	---	0	6 / 2002	--- / ----	167.4	187.3	164.8	184.7	OP
SANFORD	5CTC	VOLUSIA	CT	NG	PL	---	---	0	6 / 2002	--- / ----	167.4	187.3	164.8	184.7	OP
SANFORD	5CTD	VOLUSIA	CT	NG	PL	---	---	0	6 / 2002	--- / ----	167.4	187.3	164.8	184.7	OP
SANFORD	5ST	VOLUSIA	CA	WH	NA	---	---	0	6 / 2002	--- / ----	348.6	363.7	346.0	361.1	OP
SCHERER *	4	MONROE, GA	ST	BIT	RR	---	---	0	7 / 1988	--- / ----	639.0	638.0	634.0	635.0	OP
ST. JOHNS RIVER *	1	DUVAL	ST	BIT	RR	PC	WA	0	4 / 1987	--- / ----	132.0	134.0	127.0	130.0	OP
ST. JOHNS RIVER *	2	DUVAL	ST	BIT	RR	PC	WA	0	7 / 1988	--- / ----	133.0	132.0	127.0	130.0	OP
ST. LUCIE	1	ST. LUCIE	ST	NUC	TK	---	---	0	5 / 1976	--- / ----	1032.0	1072.0	981.0	1003.0	OP
ST. LUCIE *	2	ST. LUCIE	ST	NUC	TK	---	---	0	6 / 1983	--- / ----	843.0	862.0	840.0	860.0	OP
TURKEY POINT	1	DADE	ST	RFO	WA	NG	PL	3	4 / 1967	--- / ----	414.5	416.6	396.0	398.0	OP
TURKEY POINT	2	DADE	ST	RFO	WA	NG	PL	0	4 / 1968	--- / ----	---	---	---	---	SC
TURKEY POINT	3	DADE	ST	NUC	TK	---	---	0	12 / 1972	--- / ----	846.2	874.2	811.0	839.0	OP
TURKEY POINT	4	DADE	ST	NUC	TK	---	---	0	9 / 1973	--- / ----	856.2	883.2	821.0	848.0	OS

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(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
PLANT NAME	UNIT NO.	LOCATION	UNIT TYPE	PRIMARY FUEL		ALTERNATE FUEL		ALT. FUEL STORAGE (DAYS BURN)	COMMERCIAL IN-SERVICE MO. / YEAR	EXPECTED RETIREMENT MO. / YEAR	GROSS CAPABILITY		NET CAPABILITY		STATUS
				FUEL TYPE	TRANSP. METHOD	FUEL TYPE	TRANSP. METHOD				SUMMER (MW)	WINTER (MW)	SUMMER (MW)	WINTER (MW)	
FLORIDA POWER & LIGHT COMPANY (cont.)															
TURKEY POINT	5CTA	DADE	CT	NG	PL	---	---	0	5 / 2007	--- / -----	174.5	187.1	174.5	187.1	OP
TURKEY POINT	5CTB	DADE	CT	NG	PL	---	---	0	5 / 2007	--- / -----	174.5	187.1	162.0	174.6	OP
TURKEY POINT	5CTC	DADE	CT	NG	PL	---	---	0	5 / 2007	--- / -----	174.5	187.1	162.0	174.6	OP
TURKEY POINT	5CTD	DADE	CT	NG	PL	---	---	0	5 / 2007	--- / -----	174.5	187.1	174.5	187.1	OP
TURKEY POINT	5ST	DADE	CA	WH	NA	---	---	0	5 / 2007	--- / -----	513.9	521.5	513.9	521.5	OP
WEST COUNTY	3GT1	PALM BEACH	CT	NG	PL	DFO	TK	0	6 / 2011	--- / -----	243.0	270.4	232.0	259.4	OP
WEST COUNTY	3GT2	PALM BEACH	CT	NG	PL	DFO	TK	0	6 / 2011	--- / -----	243.0	270.4	232.0	259.4	OP
WEST COUNTY	3GT3	PALM BEACH	CT	NG	PL	DFO	TK	0	6 / 2011	--- / -----	243.0	270.4	243.0	270.4	OP
WEST COUNTY	3ST	PALM BEACH	CA	WH	PL	DFO	TK	0	6 / 2011	--- / -----	512.0	565.7	512.0	565.7	OP
WEST COUNTY	CT1A	PALM BEACH	CT	NG	PL	---	---	0	8 / 2009	--- / -----	243.0	270.4	232.0	259.4	OP
WEST COUNTY	CT1B	PALM BEACH	CT	NG	PL	---	---	0	8 / 2009	--- / -----	243.0	270.4	232.0	259.4	OP
WEST COUNTY	CT1C	PALM BEACH	CT	NG	PL	---	---	0	8 / 2009	--- / -----	243.0	270.4	243.0	270.4	OP
WEST COUNTY	ST1	PALM BEACH	CA	WH	NA	---	---	0	8 / 2009	--- / -----	512.0	565.7	512.0	565.7	OP
WEST COUNTY	CT2A	PALM BEACH	CT	NG	PL	---	---	0	11 / 2009	--- / -----	243.0	270.4	232.0	259.4	OP
WEST COUNTY	CT2B	PALM BEACH	CT	NG	PL	---	---	0	11 / 2009	--- / -----	243.0	270.4	232.0	259.4	OP
WEST COUNTY	CT2C	PALM BEACH	CT	NG	PL	---	---	0	11 / 2009	--- / -----	243.0	270.4	243.0	270.4	OP
WEST COUNTY	ST2	PALM BEACH	CA	WH	NA	---	---	0	11 / 2009	--- / -----	512.0	565.7	512.0	565.7	OP
FPL TOTAL (Excluding Solar):													25,218.2	27,128.9	
GAINESVILLE REGIONAL UTILITIES															
DEERHAVEN	FS01	ALACHUA	ST	NG	PL	RFO	TK	0	8 / 1972	8 / 2022	80.0	80.0	75.0	75.0	OP
DEERHAVEN	FS02	ALACHUA	ST	BIT	RR	---	---	0	10 / 1981	--- / -----	255.0	255.0	232.0	232.0	OP
DEERHAVEN	GT01	ALACHUA	GT	NG	PL	DFO	TK	0	7 / 1976	--- / -----	18.0	23.0	17.5	22.0	OP
DEERHAVEN	GT02	ALACHUA	GT	NG	PL	DFO	TK	0	8 / 1976	--- / -----	18.0	23.0	17.5	22.0	OP
DEERHAVEN	GT03	ALACHUA	GT	NG	PL	DFO	TK	0	1 / 1996	--- / -----	72.5	82.0	71.0	81.0	OP
J. R. KELLY	FS08	ALACHUA	CA	WH	NA	---	---	0	5 / 2001	--- / -----	38.0	38.0	36.0	37.0	OP
J. R. KELLY	GT04	ALACHUA	CT	NG	PL	DFO	TK	0	5 / 2001	--- / -----	72.5	82.0	72.0	81.0	OP
SOUTH ENERGY CENTER	1	ALACHUA	GT	NG	PL	---	---	0	5 / 2009	--- / -----	4.5	4.5	3.5	3.5	OP
GRU TOTAL:													524.5	553.5	

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(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
PLANT NAME	UNIT NO.	LOCATION	UNIT TYPE	PRIMARY FUEL		ALTERNATE FUEL		ALT. FUEL STORAGE (DAYS BURN)	COMMERCIAL IN-SERVICE MO. / YEAR	EXPECTED RETIREMENT MO. / YEAR	GROSS CAPABILITY		NET CAPABILITY		STATUS
				FUEL TYPE	TRANSP. METHOD	FUEL TYPE	TRANSP. METHOD				SUMMER (MW)	WINTER (MW)	SUMMER (MW)	WINTER (MW)	
HOMESTEAD ENERGY SERVICES															
G. W. IVEY	2	DADE	IC	NG	PL	DFO	TK	100	3 / 1970	--- / -----	2.0	2.0	1.8	1.8	OP
G. W. IVEY	3	DADE	IC	NG	PL	DFO	TK	100	3 / 1970	--- / -----	2.0	2.0	1.8	1.8	OP
G. W. IVEY	13	DADE	IC	NG	PL	DFO	TK	100	11 / 1972	--- / -----	2.0	2.0	1.8	1.8	OP
G. W. IVEY	14	DADE	IC	NG	PL	DFO	TK	100	11 / 1972	--- / -----	2.0	2.0	1.8	1.8	OP
G. W. IVEY	15	DADE	IC	NG	PL	DFO	TK	100	11 / 1972	--- / -----	2.0	2.0	1.8	1.8	OP
G. W. IVEY	16	DADE	IC	NG	PL	DFO	TK	100	11 / 1972	--- / -----	2.0	2.0	1.8	1.8	OP
G. W. IVEY	17	DADE	IC	NG	PL	DFO	TK	100	11 / 1972	--- / -----	2.0	2.0	1.8	1.8	OP
G. W. IVEY	19	DADE	IC	NG	PL	DFO	TK	100	2 / 1975	--- / -----	9.0	9.0	7.5	7.5	OP
G. W. IVEY	20	DADE	IC	NG	PL	DFO	TK	100	5 / 1981	--- / -----	6.5	6.5	6.0	6.0	OP
G. W. IVEY	21	DADE	IC	NG	PL	DFO	TK	100	5 / 1981	--- / -----	6.5	6.5	6.0	6.0	OP
HST TOTAL:												32.1	32.1		
JEA															
BRANDY BRANCH	CT2	DUVAL	CT	NG	PL	---	---	0	5 / 2001	--- / -----	150.5	186.5	150.0	186.0	OP
BRANDY BRANCH	CT3	DUVAL	CT	NG	PL	DFO	TK	0	10 / 2001	--- / -----	150.5	186.5	150.0	186.0	OP
BRANDY BRANCH	GT1	DUVAL	GT	NG	PL	DFO	TK	0	5 / 2001	--- / -----	150.5	192.7	150.0	191.0	OP
BRANDY BRANCH	STM4	DUVAL	CA	WH	NA	---	---	0	1 / 2005	--- / -----	211.0	232.7	201.0	223.0	OP
GREENLAND ENERGY CTR	GT1	DUVAL	GT	NG	PL	---	---	0	6 / 2011	--- / -----	150.5	186.5	150.0	186.0	OP
GREENLAND ENERGY CTR	GT2	DUVAL	GT	NG	PL	---	---	0	6 / 2011	--- / -----	150.5	186.5	150.0	186.0	OP
J. D. KENNEDY	GT7	DUVAL	GT	NG	PL	DFO	WA	0	6 / 2000	--- / -----	150.5	192.7	150.0	191.0	OP
J. D. KENNEDY	GT8	DUVAL	GT	NG	PL	DFO	WA	0	6 / 2009	--- / -----	150.5	192.7	150.0	191.0	OP
NORTHSIDE	1	DUVAL	ST	PC	WA	BIT	WA	0	5 / 2003	--- / -----	310.0	310.0	293.0	293.0	OP
NORTHSIDE	2	DUVAL	ST	PC	WA	BIT	WA	0	4 / 2003	--- / -----	310.0	310.0	293.0	293.0	OP
NORTHSIDE	3	DUVAL	ST	NG	PL	RFO	WA	0	6 / 1977	6 / 2019	540.0	540.0	524.0	524.0	OP
NORTHSIDE	GT3	DUVAL	GT	DFO	WA	---	---	0	1 / 1975	--- / -----	53.4	62.0	53.0	61.6	OP
NORTHSIDE	GT4	DUVAL	GT	DFO	WA	---	---	0	1 / 1975	--- / -----	53.4	62.0	53.0	61.6	OP
NORTHSIDE	GT5	DUVAL	GT	DFO	WA	---	---	0	12 / 1974	--- / -----	53.4	62.0	53.0	61.6	OP
NORTHSIDE	GT6	DUVAL	GT	DFO	WA	---	---	0	12 / 1974	--- / -----	53.4	62.0	53.0	61.6	OP
SCHERER *	4	MONROE, GA	ST	BIT	RR	---	---	0	2 / 1989	--- / -----	208.0	208.0	194.0	194.0	OP
ST. JOHNS RIVER *	1	DUVAL	ST	BIT	RR	PC	WA	0	3 / 1987	--- / -----	528.0	537.6	501.0	510.0	OP
ST. JOHNS RIVER *	2	DUVAL	ST	BIT	RR	PC	WA	0	5 / 1988	--- / -----	528.0	537.6	501.0	510.0	OP
JEA TOTAL:												3,769.0	4,110.4		

*Jointly Owned Unit

**2016
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EXISTING GENERATING FACILITIES AS OF DECEMBER 31, 2015**

(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	--- / -----	2.0	2.0	2.0	2.0	OP	
STOCK ISLAND	GT1	MONROE	GT	DFO	WA	---	---	0	11 / 1978	--- / -----	23.5	23.5	17.8	17.8	OP	
STOCK ISLAND MSD	MSD1	MONROE	IC	DFO	WA	---	---	0	6 / 1991	--- / -----	8.8	8.8	8.0	8.0	OP	
STOCK ISLAND MSD	MSD2	MONROE	IC	DFO	WA	---	---	0	6 / 1991	--- / -----	8.8	8.8	8.0	8.0	OP	
KEY TOTAL:													35.8	35.8		
KISSIMMEE UTILITY AUTHORITY																
CANE ISLAND *	1GT	OSCEOLA	GT	NG	PL	DFO	TK	0	1 / 1995	--- / -----	17.5	19.0	17.5	19.0	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	NA	---	---	0	6 / 1995	--- / -----	22.0	22.0	20.0	20.0	OP	
CANE ISLAND *	3CT	OSCEOLA	CT	NG	PL	DFO	TK	0	1 / 2002	--- / -----	77.0	81.0	75.0	79.0	OP	
CANE ISLAND *	3CW	OSCEOLA	CA	WH	NA	---	---	0	1 / 2002	--- / -----	47.5	48.5	45.0	46.0	OP	
INDIAN RIVER *	A	BREVARD	GT	NG	PL	DFO	TK	0	7 / 1989	--- / -----	4.4	5.6	4.4	5.6	OP	
INDIAN RIVER *	B	BREVARD	GT	NG	PL	DFO	TK	0	7 / 1989	--- / -----	4.4	5.6	4.4	5.6	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	--- / -----	11.3	12.6	11.3	12.6	OP	
STANTON A *	ST	ORANGE	CA	WH	PL	DFO	TK	3	10 / 2003	--- / -----	10.0	10.0	10.0	10.0	OP	
KUA TOTAL:													242.9	255.1		
LAKELAND CITY OF																
LARSEN	2	POLK	GT	NG	PL	DFO	TK	4	11 / 1962	--- / -----	10.0	14.0	10.0	14.0	OP	
LARSEN	3	POLK	GT	NG	PL	DFO	TK	4	12 / 1962	--- / -----	9.0	13.0	9.0	13.0	OP	
LARSEN	8CT	POLK	CT	NG	PL	DFO	TK	3	7 / 1992	--- / -----	78.0	95.0	76.0	93.0	OP	
LARSEN	8ST	POLK	CA	WH	NA	---	---	0	4 / 1956	--- / -----	29.0	31.0	29.0	31.0	OP	
MCINTOSH	1	POLK	ST	NG	PL	RFO	TK	0	2 / 1971	12 / 2015	90.0	90.0	85.0	85.0	OP	
MCINTOSH	2	POLK	ST	NG	PL	RFO	TK	13	6 / 1976	--- / -----	114.0	114.0	106.0	106.0	OP	
MCINTOSH *	3	POLK	ST	BIT	RR	---	---	0	9 / 1982	--- / -----	219.0	219.0	205.0	205.0	OP	
MCINTOSH	5CT	POLK	CT	NG	PL	---	---	0	5 / 2001	--- / -----	219.0	239.0	212.0	233.0	OP	
MCINTOSH	5ST	POLK	CA	WH	NA	---	---	0	5 / 2002	--- / -----	126.0	121.0	126.0	121.0	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)	
LAKELAND CITY OF (cont.)															
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
MCINTOSH	GT1	POLK	GT	NG	PL	DFO	TK	1	5 / 1973	--- / -----	17.0	19.0	16.0	19.0	OP
WINSTON	1-5	POLK	IC	DFO	TK	---	---	2	12 / 2001	--- / -----	12.5	12.5	12.5	12.5	OP
WINSTON	6-10	POLK	IC	DFO	TK	---	---	2	12 / 2001	--- / -----	12.5	12.5	12.5	12.5	OP
WINSTON	11-15	POLK	IC	DFO	TK	---	---	2	12 / 2001	--- / -----	12.5	12.5	12.5	12.5	OP
WINSTON	16-20	POLK	IC	DFO	TK	---	---	2	12 / 2001	--- / -----	12.5	12.5	12.5	12.5	OP
LAK TOTAL:												929.0	975.0		
LAKE WORTH UTILITIES CITY OF															
TOM G. SMITH	GT-1	PALM BEACH	GT	DFO	TK	---	---	0	12 / 1976	--- / -----	26.0	29.0	26.0	27.0	OP
TOM G. SMITH	GT-2	PALM BEACH	CT	NG	PL	DFO	TK	2	3 / 1978	--- / -----	21.0	23.0	20.0	20.0	OP
TOM G. SMITH	MU1	PALM BEACH	IC	DFO	TK	---	---	0	12 / 1965	--- / -----	2.0	2.0	1.8	2.0	IR
TOM G. SMITH	MU2	PALM BEACH	IC	DFO	TK	---	---	0	12 / 1965	--- / -----	2.0	2.0	1.8	2.0	IR
TOM G. SMITH	MU3	PALM BEACH	IC	DFO	TK	---	---	0	12 / 1965	--- / -----	2.0	2.0	1.8	2.0	IR
TOM G. SMITH	MU4	PALM BEACH	IC	DFO	TK	---	---	0	12 / 1965	--- / -----	2.0	2.0	1.8	2.0	IR
TOM G. SMITH	MU5	PALM BEACH	IC	DFO	TK	---	---	0	12 / 1965	--- / -----	2.0	2.0	1.8	2.0	IR
TOM G. SMITH	S-3	PALM BEACH	ST	NG	PL	RFO	TK	6	11 / 1967	--- / -----	27.0	27.0	22.0	24.0	OP
TOM G. SMITH	S-5	PALM BEACH	CA	WH	NA	---	---	0	3 / 1978	--- / -----	10.0	10.0	9.0	9.0	OP
LWU TOTAL:												77.0	80.0		
NEW SMYRNA BEACH UTILITIES COMMISSION OF															
FIELD STREET	1	VOLUSIA	GT	DFO	TK	---	---	0	5 / 2001	--- / -----	22.0	24.0	22.0	24.0	OP
FIELD STREET	2	VOLUSIA	GT	DFO	TK	---	---	0	5 / 2001	--- / -----	22.0	24.0	22.0	24.0	OP
NSB TOTAL:												44.0	48.0		
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	--- / -----	83.0	88.5	83.0	88.5	OP
INDIAN RIVER *	D	BREVARD	GT	NG	PL	DFO	TK	0	8 / 1992	--- / -----	83.0	88.5	83.0	88.5	OP

*Jointly Owned Unit

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EXISTING GENERATING FACILITIES AS OF DECEMBER 31, 2015**

(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	--- / -----	146.0	146.0	133.0	136.0	OP
ST. LUCIE *	2	ST. LUCIE	ST	NUC	TK	---	---	0	6 / 1983	--- / -----	63.0	63.0	60.0	60.0	OP
STANTON *	1	ORANGE	ST	BIT	RR	---	---	0	7 / 1987	--- / -----	321.0	321.0	302.3	302.3	OP
STANTON *	2	ORANGE	ST	BIT	RR	---	---	0	6 / 1996	--- / -----	344.0	344.0	324.3	324.3	OP
STANTON A *	CTA	ORANGE	CT	NG	PL	DFO	TK	3	10 / 2003	--- / -----	55.2	58.7	51.3	54.6	OP
STANTON A *	CTB	ORANGE	CT	NG	PL	DFO	TK	3	10 / 2003	--- / -----	55.2	58.7	51.3	54.6	OP
STANTON A *	ST	ORANGE	CA	WH	PL	DFO	TK	3	10 / 2003	--- / -----	76.7	81.6	71.0	75.6	OP
STANTON B	CT	ORANGE	CT	NG	PL	DFO	TK	3	2 / 2010	--- / -----	173.0	185.0	170.0	182.0	OP
STANTON B	ST	ORANGE	CA	WH	NA	DFO	TK	3	2 / 2010	--- / -----	122.0	125.0	122.0	125.0	OP
OUU TOTAL:												1,482.4	1,527.6		
REEDY CREEK IMPROVEMENT DISTRICT															
CENTRAL ENERGY PLANT	1	ORANGE	CC	NG	PL	DFO	TK	0	1 / 1989	--- / -----	56.0	56.0	55.0	55.0	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	--- / -----	5.0	5.0	4.6	4.6	IR
RCI TOTAL:												55.0	55.0		
SEMINOLE ELECTRIC COOPERATIVE INC															
MIDULLA GENERATING STATION	4	HARDEE	GT	NG	PL	DFO	TK	0	12 / 2006	--- / -----	54.0	62.0	54.0	62.0	OP
MIDULLA GENERATING STATION	5	HARDEE	GT	NG	PL	DFO	TK	0	12 / 2006	--- / -----	54.0	62.0	54.0	62.0	OP
MIDULLA GENERATING STATION	6	HARDEE	GT	NG	PL	DFO	TK	0	12 / 2006	--- / -----	54.0	62.0	54.0	62.0	OP
MIDULLA GENERATING STATION	7	HARDEE	GT	NG	PL	DFO	TK	0	12 / 2006	--- / -----	54.0	62.0	54.0	62.0	OP
MIDULLA GENERATING STATION	8	HARDEE	GT	NG	PL	DFO	TK	0	12 / 2006	--- / -----	54.0	62.0	54.0	62.0	OP
MIDULLA GENERATING STATION	CT1	HARDEE	CT	NG	PL	DFO	TK	0	1 / 2002	--- / -----	153.0	182.0	151.5	180.0	OP
MIDULLA GENERATING STATION	CT2	HARDEE	CT	NG	PL	DFO	TK	0	1 / 2002	--- / -----	153.0	182.0	151.5	180.0	OP
MIDULLA GENERATING STATION	ST	HARDEE	CA	WH	NA	DFO	TK	0	1 / 2002	--- / -----	181.0	181.0	179.0	179.0	OP
SEMINOLE GENERATING STATION	1	PUTNAM	ST	BIT	RR	---	---	0	2 / 1984	--- / -----	673.0	713.0	626.0	664.0	OP
SEMINOLE GENERATING STATION	2	PUTNAM	ST	BIT	RR	---	---	0	12 / 1984	--- / -----	680.0	713.0	634.0	665.0	OP
SEC TOTAL:												2,012.0	2,178.0		

*Jointly Owned Unit

**2016
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FRCC Form 1.0
EXISTING GENERATING FACILITIES AS OF DECEMBER 31, 2015**

(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	--- / -----	---	---	---	---	EO
C. H. CORN HYDRO	2	LEON	HY	WAT	WA	---	---	0	8 / 1985	--- / -----	---	---	---	---	EO
C. H. CORN HYDRO	3	LEON	HY	WAT	WA	---	---	0	1 / 1986	--- / -----	---	---	---	---	EO
HOPKINS	1	LEON	ST	NG	PL	---	---	0	5 / 1971	1 / 2021	81.0	85.0	76.0	78.0	OP
HOPKINS	2	LEON	CA	WH	NA	NG	PL	0	10 / 1977	--- / -----	146.0	150.0	141.0	145.0	OP
HOPKINS	2A	LEON	CT	NG	PL	DFO	TK	3	6 / 2008	--- / -----	160.0	186.0	159.0	185.0	OP
HOPKINS	GT1	LEON	GT	NG	PL	DFO	TK	3	2 / 1970	4 / 2017	12.0	14.0	12.0	14.0	OP
HOPKINS	GT2	LEON	GT	NG	PL	DFO	TK	3	9 / 1972	4 / 2018	24.0	26.0	24.0	26.0	OP
HOPKINS	GT3	LEON	GT	NG	PL	DFO	TK	3	9 / 2005	--- / -----	49.0	49.0	46.0	48.0	OP
HOPKINS	GT4	LEON	GT	NG	PL	DFO	TK	3	11 / 2005	--- / -----	49.0	49.0	46.0	48.0	OP
PURDOM	8CT	WAKULLA	CT	NG	PL	DFO	TK	9	7 / 2000	--- / -----	160.7	185.2	150.0	182.0	OP
PURDOM	8ST	WAKULLA	CA	WH	NA	---	---	0	7 / 2000	--- / -----	76.3	80.8	72.0	76.0	OP
PURDOM	GT1	WAKULLA	GT	NG	PL	DFO	TK	9	12 / 1963	10 / 2017	10.0	10.0	10.0	10.0	OP
PURDOM	GT2	WAKULLA	GT	NG	PL	DFO	TK	9	5 / 1964	10 / 2017	10.0	10.0	10.0	10.0	OP
TAL TOTAL:												746.0	822.0		
TAMPA ELECTRIC COMPANY															
BAYSIDE	3	HILLSBOROUGH	GT	NG	PL	---	---	0	7 / 2009	--- / -----	57.0	62.0	56.0	61.0	OP
BAYSIDE	4	HILLSBOROUGH	GT	NG	PL	---	---	0	7 / 2009	--- / -----	57.0	62.0	56.0	61.0	OP
BAYSIDE	5	HILLSBOROUGH	GT	NG	PL	---	---	0	4 / 2009	--- / -----	57.0	62.0	56.0	61.0	OP
BAYSIDE	6	HILLSBOROUGH	GT	NG	PL	---	---	0	4 / 2009	--- / -----	57.0	62.0	56.0	61.0	OP
BAYSIDE	1A	HILLSBOROUGH	CT	NG	PL	---	---	0	4 / 2003	--- / -----	158.0	185.0	156.0	183.0	OP
BAYSIDE	1B	HILLSBOROUGH	CT	NG	PL	---	---	0	4 / 2003	--- / -----	158.0	185.0	156.0	183.0	OP
BAYSIDE	1C	HILLSBOROUGH	CT	NG	PL	---	---	0	4 / 2003	--- / -----	158.0	185.0	156.0	183.0	OP
BAYSIDE	1ST	HILLSBOROUGH	CA	WH	NA	---	---	0	4 / 2003	--- / -----	236.0	246.0	233.0	243.0	OP
BAYSIDE	2A	HILLSBOROUGH	CT	NG	PL	---	---	0	1 / 2004	--- / -----	158.0	185.0	156.0	183.0	OP
BAYSIDE	2B	HILLSBOROUGH	CT	NG	PL	---	---	0	1 / 2004	--- / -----	158.0	185.0	156.0	183.0	OP
BAYSIDE	2C	HILLSBOROUGH	CT	NG	PL	---	---	0	1 / 2004	--- / -----	158.0	185.0	156.0	183.0	OP
BAYSIDE	2D	HILLSBOROUGH	CT	NG	PL	---	---	0	1 / 2004	--- / -----	158.0	185.0	156.0	183.0	OP
BAYSIDE	2ST	HILLSBOROUGH	CA	WH	NA	---	---	0	1 / 2004	--- / -----	308.0	318.0	305.0	315.0	OP

*Jointly Owned Unit

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FLORIDA RELIABILITY COORDINATING COUNCIL
FRCC Form 1.0
EXISTING GENERATING FACILITIES AS OF DECEMBER 31, 2015**

(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	1	HILLSBOROUGH	ST	BIT	WA	BIT	RR	0	10 / 1970	--- / -----	410.0	420.0	385.0	395.0	OP
BIG BEND	2	HILLSBOROUGH	ST	BIT	WA	BIT	RR	0	4 / 1973	--- / -----	410.0	420.0	385.0	395.0	OP
BIG BEND	3	HILLSBOROUGH	ST	BIT	WA	BIT	RR	0	5 / 1976	--- / -----	420.0	425.0	395.0	400.0	OP
BIG BEND	4	HILLSBOROUGH	ST	BIT	WA	BIT	RR	0	2 / 1985	--- / -----	470.0	475.0	437.0	442.0	OP
BIG BEND	CT4	HILLSBOROUGH	GT	NG	PL	DFO	TK	20	8 / 2009	--- / -----	57.0	62.0	56.0	61.0	OP
POLK	2	POLK	GT	NG	PL	DFO	TK	3	7 / 2000	--- / -----	152.0	184.0	151.0	183.0	OP
POLK	3	POLK	GT	NG	PL	DFO	TK	3	5 / 2002	--- / -----	152.0	184.0	151.0	183.0	OP
POLK	4	POLK	GT	NG	PL	---	---	0	3 / 2007	--- / -----	152.0	184.0	151.0	183.0	OP
POLK	5	POLK	GT	NG	PL	---	---	0	4 / 2007	--- / -----	152.0	184.0	151.0	183.0	OP
POLK	1CA	POLK	CA	WH	NA	---	---	0	9 / 1996	--- / -----	120.0	120.0	51.0	51.0	OP
POLK	1CT	POLK	CT	PC	TK	NG	PL	0	9 / 1996	--- / -----	170.0	170.0	169.0	169.0	OP
TEC TOTAL (Excluding Solar):													4,336.0	4,728.0	
US CORPS OF ENGINEERS - MOBILE															
JIM WOODRUFF	1	GADSDEN	HY	WAT	NA	---	---	0	2 / 1957	--- / -----	14.5	14.5	14.5	14.5	OP
JIM WOODRUFF	2	GADSDEN	HY	WAT	NA	---	---	0	3 / 1957	--- / -----	14.5	14.5	14.5	14.5	OP
JIM WOODRUFF	3	GADSDEN	HY	WAT	NA	---	---	0	4 / 1957	--- / -----	14.5	14.5	14.5	14.5	OP
UCEM TOTAL:													43.5	43.5	
FRCC EXISTING (Excluding Firm Solar):													49,938	53,981	
FRCC EXISTING FIRM SOLAR:													15	0	
TOTAL FRCC EXISTING:													49,953	53,981	

*Jointly Owned Unit

2016
LOAD AND RESOURCE PLAN
FLORIDA RELIABILITY COORDINATING COUNCIL
FRCC Form 1.0 (Solar)
EXISTING SOLAR GENERATING FACILITIES AS OF DECEMBER 31, 2015

(1) PLANT NAME	(2) UNIT NO.	(3) LOCATION	(4) UNIT TYPE	(5) PRIMARY FUEL TYPE	(6) COMMERCIAL IN-SERVICE MO. / YEAR	(7) EXPECTED RETIREMENT MO. / YEAR	(8) NAMEPLATE CAPABILITY _{AC} (MW)	POTENTIAL EXPORT TO GRID AT TIME OF PEAK				(13) STATUS
								FIRM		NON-FIRM		
								(9) SUM (MW)	(10) WIN (MW)	(11) SUM (MW)	(12) WIN (MW)	
FLORIDA POWER & LIGHT COMPANY												
DESOTO NEXT GENERATION SOLAR ENERGY CENTER	1	DESOTO	PV	SUN	10 / 2009	--- / -----	25.0	11.5	---	---	---	OP
SPACE COAST	1	BREVARD	PV	SUN	4 / 2010	--- / -----	10.0	3.2	---	---	---	OP
FPL SOLAR TOTAL:							35.0	14.7	0.0	0.0	0.0	
TAMPA ELECTRIC COMPANY												
TIA	1	HILLSBOROUGH	PV	SUN	12 / 2015	--- / -----	1.6	0.5	---	---	---	OP
TEC SOLAR TOTAL:							1.6	0.5	0.0	0.0	0.0	
FRCC EXISTING (Excluding Firm Solar):								49,938	53,981			
FRCC EXISTING FIRM SOLAR:								15	0			
TOTAL FRCC EXISTING:								49,953	53,981			

**2016
LOAD AND RESOURCE PLAN
FLORIDA RELIABILITY COORDINATING COUNCIL**

**FRCC Form 2.0
SUMMARY OF JOINTLY OWNED GENERATING FACILITIES
As of December 31, 2015**

(1) PLANT NAME	(2) UTILS	(3) LOCATION	(4) UNIT TYPE	(5) PRIMARY FUEL		(6) ALTERNATE FUEL		(9) ALT. FUEL STORAGE (DAYS BURN)	(10) COMMERCIAL IN-SERVICE MO. / YEAR	(11) EXPECTED RETIREMENT MO. / YEAR	(12) NET CAPABILITY		(14) STATUS
				(5) FUEL TYPE	(5) TRANSP. METHOD	(6) FUEL TYPE	(6) TRANSP. METHOD				(12) SUMMER (MW)	(13) WINTER (MW)	
CANE ISLAND 1	FMPA KUA	OSCEOLA	GT	NG	PL	DFO	TK	0	11 / 1994	--- / -----	17.5	19.0	OP
											17.5	19.0	
											35.0	38.0	
CANE ISLAND 2	FMPA KUA	OSCEOLA	CC	NG	PL	DFO	TK	0	6 / 1995	--- / -----	54.5	56.5	OP
											54.5	56.5	
											109.0	113.0	
CANE ISLAND 3	FMPA KUA	OSCEOLA	CC	NG	PL	DFO	TK	0	1 / 2002	--- / -----	120.0	125.0	OP
											120.0	125.0	
											240.0	250.0	
INDIAN RIVER A	FMPA KUA OUC	BREVARD	GT	NG	PL	DFO	TK	0	7 / 1989	--- / -----	14.2	18.0	OP
											4.4	5.6	
											15.6	18.1	
											34.2	41.7	
INDIAN RIVER B	FMPA KUA OUC	BREVARD	GT	NG	PL	DFO	TK	0	7 / 1989	--- / -----	14.2	18.0	OP
											4.4	5.6	
											15.6	18.1	
											34.2	41.7	
INDIAN RIVER C	FMPA OUC	BREVARD	GT	NG	PL	DFO	TK	0	8 / 1992	--- / -----	22.3	26.2	OP
											83.0	88.5	
											105.3	114.7	
INDIAN RIVER D	FMPA OUC	BREVARD	GT	NG	PL	DFO	TK	0	8 / 1992	--- / -----	22.3	26.2	OP
											83.0	88.5	
											105.3	114.7	
INTERCESSION CITY P11 <i>(Summer Capacity owned by Georgia Power, DEF will purchase this capacity starting in 2017)</i>	DEF	OSCEOLA	GT	DFO	PL	---	---	0	1 / 1997	--- / -----	143.0	161.0	OP

**2016
LOAD AND RESOURCE PLAN
FLORIDA RELIABILITY COORDINATING COUNCIL**

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SUMMARY OF JOINTLY OWNED GENERATING FACILITIES
As of December 31, 2015**

(1) PLANT NAME	(2) UTILS	(3) LOCATION	(4) UNIT TYPE	(5) PRIMARY FUEL		(6) ALTERNATE FUEL		(8) ALT. FUEL STORAGE (DAYS BURN)	(10) COMMERCIAL IN-SERVICE MO. / YEAR	(11) EXPECTED RETIREMENT MO. / YEAR	(12) NET CAPABILITY		(14) STATUS
				(5) FUEL TYPE	(6) TRANSP. METHOD	(7) FUEL TYPE	(8) TRANSP. METHOD				(12) SUMMER (MW)	(13) WINTER (MW)	
MCINTOSH 3	LAK OUC	POLK	ST	BIT	RR	---	---	0	9 / 1982	--- / ----	205.0 133.0 338.0	205.0 136.0 341.0	OP OP
SCHERER 4	FPL JEA	MONROE, GA	ST	BIT	RR	---	---	0	7 / 1988	2 / 2029	634.0 194.0 828.0	635.0 194.0 829.0	OP OP
ST. JOHNS RIVER 1	FPL JEA	DUVAL	ST	BIT	RR	PC	WA	0	4 / 1987	--- / ----	127.0 501.0 628.0	130.0 510.0 640.0	OP OP
ST. JOHNS RIVER 2	FPL JEA	DUVAL	ST	BIT	RR	PC	WA	0	7 / 1988	--- / ----	127.0 501.0 628.0	130.0 510.0 640.0	OP OP
ST. LUCIE 2	FMPA FPL OUC	ST. LUCIE	ST	NUC	TK	---	---	0	6 / 1983	--- / ----	86.2 840.0 60.0 986.2	89.6 860.0 60.0 1009.6	OP OP OP
STANTON 1	FMPA KUA OUC	ORANGE	ST	BIT	RR	---	---	0	7 / 1987	--- / ----	114.8 20.8 302.3 437.9	114.8 20.8 302.3 437.9	OP OP OP
STANTON 2	FMPA OUC	ORANGE	ST	BIT	RR	---	---	0	6 / 1996	--- / ----	125.9 324.3 450.2	125.9 324.3 450.2	OP OP
STANTON A <i>(includes SOU capacity purchase)</i>	FMPA KUA OUC	ORANGE	CC	NG	PL	DFO	TK	3	10 / 2003	--- / ----	100.3 21.3 495.6 617.2	106.6 22.6 527.8 657.0	OP OP OP

2016
LOAD AND RESOURCE PLAN
FLORIDA RELIABILITY COORDINATING COUNCIL
FRCC Form 1.1
PLANNED AND PROSPECTIVE GENERATING FACILITY ADDITIONS AND CHANGES
(JANUARY 1, 2016 THROUGH DECEMBER 31, 2025)

(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)	
2016															
LAK	MCINTOSH	1	POLK	ST	NG	PL	RFO	TK	29	12 / 2015	-90.0	-90.0	-85.0	-85.0	RT
DEF	SUWANNEE RIVER	2	SUWANNEE	ST	NG	PL	NG	TK	0	1 / 2016	-30.0	-30.0	-29.0	-28.0	OT
FPL	FT. MYERS	2CTC	LEE	CT	NG	PL	---	---	0	1 / 2016	8.0	30.0	8.0	30.0	A
FPL	MARTIN	8CTC	MARTIN	CT	NG	PL	---	---	0	3 / 2016	-2.0	13.4	-2.0	13.4	OT
FPL	MARTIN	8CTD	MARTIN	CT	NG	PL	---	---	0	3 / 2016	-2.0	13.4	-2.0	13.4	OT
DEF	CRYSTAL RIVER	1	CITRUS	ST	BIT	RR	BIT	WA	0	4 / 2016	-41.0	-41.0	-41.0	-41.0	FC
DEF	CRYSTAL RIVER	2	CITRUS	ST	BIT	RR	BIT	WA	0	4 / 2016	-55.0	-55.0	-55.0	-55.0	FC
FPL	MARTIN	4GT2	MARTIN	CT	NG	PL	DFO	TK	0	4 / 2016	14.0	17.7	14.0	17.7	A
DEF	G. E. TURNER	P1	VOLUSIA	GT	DFO	TK	---	---	0	6 / 2016	-10.0	-13.0	-10.0	-13.0	RT
DEF	G. E. TURNER	P2	VOLUSIA	GT	DFO	TK	---	---	0	6 / 2016	-10.0	-13.0	-10.0	-13.0	RT
DEF	G. E. TURNER	P4	VOLUSIA	GT	DFO	TK	---	---	0	6 / 2016	-59.0	-78.0	-59.0	-78.0	RT
DEF	RIO PINAR	P1	ORANGE	GT	DFO	TK	---	---	0	6 / 2016	-12.0	-15.0	-12.0	-15.0	RT
DEF	SUWANNEE RIVER	1	SUWANNEE	ST	NG	PL	NG	TK	0	6 / 2016	-31.0	-32.0	-28.0	-28.0	OT
FPL	FT. MYERS	3CTA	LEE	GT	NG	PL	---	---	0	6 / 2016	25.0	25.0	25.0	25.0	A
FPL	PORT EVERGLADES MODERN.	1	BROWARD	CC	NG	PL	DFO	PL	0	6 / 2016	1237.0	1429.0	1237.0	1429.0	TS
FPL	FT. MYERS	3CTB	LEE	GT	NG	PL	---	---	0	7 / 2016	25.0	25.0	25.0	25.0	A
FPL	MARTIN	3GT1	MARTIN	CT	NG	PL	DFO	TK	0	8 / 2016	14.3	17.7	14.3	17.7	A
FPL	MARTIN	3GT2	MARTIN	CT	NG	PL	DFO	TK	0	8 / 2016	14.3	17.7	14.3	17.7	A
DEF	HINES ENERGY COMPLEX	1GT1	POLK	CT	NG	PL	DFO	TK	0	10 / 2016	27.5	---	27.5	---	A
DEF	HINES ENERGY COMPLEX	1GT2	POLK	CT	NG	PL	DFO	TK	0	10 / 2016	27.5	---	27.5	---	A
DEF	HINES ENERGY COMPLEX	2GT1	POLK	CT	NG	PL	DFO	TK	0	10 / 2016	27.5	---	27.5	---	A
DEF	HINES ENERGY COMPLEX	2GT2	POLK	CT	NG	PL	DFO	TK	0	10 / 2016	27.5	---	27.5	---	A
DEF	HINES ENERGY COMPLEX	3GT1	POLK	CT	NG	PL	DFO	TK	0	10 / 2016	27.5	---	27.5	---	A
DEF	HINES ENERGY COMPLEX	3GT2	POLK	CT	NG	PL	DFO	TK	0	10 / 2016	27.5	---	27.5	---	A
FPL	LAUDERDALE	1	BROWARD	GT	NG	PL	DFO	TK	83	10 / 2016	-34.4	-36.8	-34.3	-36.7	RT
FPL	LAUDERDALE	2	BROWARD	GT	NG	PL	DFO	TK	83	10 / 2016	-34.4	-36.8	-34.3	-36.7	RT
FPL	LAUDERDALE	4	BROWARD	GT	NG	PL	DFO	TK	83	10 / 2016	-34.4	-36.8	-34.3	-36.7	RT
FPL	LAUDERDALE	6	BROWARD	GT	NG	PL	DFO	TK	83	10 / 2016	-34.4	-36.8	-34.3	-36.7	RT
FPL	LAUDERDALE	7	BROWARD	GT	NG	PL	DFO	TK	83	10 / 2016	-34.4	-36.8	-34.3	-36.7	RT
FPL	LAUDERDALE	8	BROWARD	GT	NG	PL	DFO	TK	83	10 / 2016	-34.4	-36.8	-34.3	-36.7	RT
FPL	LAUDERDALE	9	BROWARD	GT	NG	PL	DFO	TK	83	10 / 2016	-34.4	-36.8	-34.3	-36.7	RT
FPL	LAUDERDALE	10	BROWARD	GT	NG	PL	DFO	TK	83	10 / 2016	-34.4	-36.8	-34.3	-36.7	RT
FPL	LAUDERDALE	11	BROWARD	GT	NG	PL	DFO	TK	83	10 / 2016	-34.4	-36.8	-34.3	-36.7	RT
FPL	LAUDERDALE	12	BROWARD	GT	NG	PL	DFO	TK	83	10 / 2016	-34.4	-36.8	-34.3	-36.7	RT
FPL	LAUDERDALE	13	BROWARD	GT	NG	PL	DFO	TK	77	10 / 2016	-34.4	-36.8	-34.3	-36.7	RT
FPL	LAUDERDALE	14	BROWARD	GT	NG	PL	DFO	TK	77	10 / 2016	-34.4	-36.8	-34.3	-36.7	RT

*Jointly Owned Unit

2016
LOAD AND RESOURCE PLAN
FLORIDA RELIABILITY COORDINATING COUNCIL
FRCC Form 1.1
PLANNED AND PROSPECTIVE GENERATING FACILITY ADDITIONS AND CHANGES
(JANUARY 1, 2016 THROUGH DECEMBER 31, 2025)

(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)	
2016 (cont.)															
FPL	LAUDERDALE	15	BROWARD	GT	NG	PL	DFO	TK	77	10 / 2016	-34.4	-36.8	-34.3	-36.7	RT
FPL	LAUDERDALE	16	BROWARD	GT	NG	PL	DFO	TK	77	10 / 2016	-34.4	-36.8	-34.3	-36.7	RT
FPL	LAUDERDALE	17	BROWARD	GT	NG	PL	DFO	TK	77	10 / 2016	-34.4	-36.8	-34.3	-36.7	RT
FPL	LAUDERDALE	18	BROWARD	GT	NG	PL	DFO	TK	77	10 / 2016	-34.4	-36.8	-34.3	-36.7	RT
FPL	LAUDERDALE	19	BROWARD	GT	NG	PL	DFO	TK	77	10 / 2016	-34.4	-36.8	-34.3	-36.7	RT
FPL	LAUDERDALE	20	BROWARD	GT	NG	PL	DFO	TK	77	10 / 2016	-34.4	-36.8	-34.3	-36.7	RT
FPL	LAUDERDALE	21	BROWARD	GT	NG	PL	DFO	TK	77	10 / 2016	-34.4	-36.8	-34.3	-36.7	RT
FPL	LAUDERDALE	22	BROWARD	GT	NG	PL	DFO	TK	77	10 / 2016	-34.4	-36.8	-34.3	-36.7	RT
FPL	LAUDERDALE	23	BROWARD	GT	NG	PL	DFO	TK	77	10 / 2016	-34.4	-36.8	-34.3	-36.7	RT
FPL	LAUDERDALE	24	BROWARD	GT	NG	PL	DFO	TK	77	10 / 2016	-34.4	-36.8	-34.3	-36.7	RT
FPL	PORT EVERGLADES	1	BROWARD	GT	NG	PL	DFO	WA	52	10 / 2016	-34.4	-36.8	-34.3	-36.7	RT
FPL	PORT EVERGLADES	2	BROWARD	GT	NG	PL	DFO	WA	52	10 / 2016	-34.4	-36.8	-34.3	-36.7	RT
FPL	PORT EVERGLADES	3	BROWARD	GT	NG	PL	DFO	WA	52	10 / 2016	-34.4	-36.8	-34.3	-36.7	RT
FPL	PORT EVERGLADES	4	BROWARD	GT	NG	PL	DFO	WA	52	10 / 2016	-34.4	-36.8	-34.3	-36.7	RT
FPL	PORT EVERGLADES	5	BROWARD	GT	NG	PL	DFO	WA	52	10 / 2016	-34.4	-36.8	-34.3	-36.7	RT
FPL	PORT EVERGLADES	6	BROWARD	GT	NG	PL	DFO	WA	52	10 / 2016	-34.4	-36.8	-34.3	-36.7	RT
FPL	PORT EVERGLADES	7	BROWARD	GT	NG	PL	DFO	WA	52	10 / 2016	-34.4	-36.8	-34.3	-36.7	RT
FPL	PORT EVERGLADES	8	BROWARD	GT	NG	PL	DFO	WA	52	10 / 2016	-34.4	-36.8	-34.3	-36.7	RT
FPL	PORT EVERGLADES	9	BROWARD	GT	NG	PL	DFO	WA	52	10 / 2016	-34.4	-36.8	-34.3	-36.7	RT
FPL	PORT EVERGLADES	10	BROWARD	GT	NG	PL	DFO	WA	52	10 / 2016	-34.4	-36.8	-34.3	-36.7	RT
FPL	PORT EVERGLADES	11	BROWARD	GT	NG	PL	DFO	WA	52	10 / 2016	-34.4	-36.8	-34.3	-36.7	RT
FPL	PORT EVERGLADES	12	BROWARD	GT	NG	PL	DFO	WA	52	10 / 2016	-34.4	-36.8	-34.3	-36.7	RT
FPL	SANFORD	4CTA	VOLUSIA	CT	NG	PL	---	---	0	10 / 2016	---	3.4	---	3.4	A
FPL	SANFORD	4CTB	VOLUSIA	CT	NG	PL	---	---	0	10 / 2016	---	3.4	---	3.4	A
DEF	SUWANNEE RIVER	1	SUWANNEE	ST	NG	PL	NG	TK	0	11 / 2016	---	---	---	---	RT
DEF	SUWANNEE RIVER	2	SUWANNEE	ST	NG	PL	NG	TK	0	11 / 2016	---	---	---	---	RT
DEF	SUWANNEE RIVER	3	SUWANNEE	ST	NG	PL	NG	TK	0	11 / 2016	-75.0	-77.0	-71.0	-73.0	RT
FPL	FT. MYERS	2	LEE	GT	DFO	WA	---	---	0	12 / 2016	-54.0	-61.5	-54.0	-61.5	RT
FPL	FT. MYERS	3	LEE	GT	DFO	WA	---	---	0	12 / 2016	-54.4	-61.7	-54.0	-61.5	RT
FPL	FT. MYERS	4	LEE	GT	DFO	WA	---	---	0	12 / 2016	-54.0	-61.5	-54.0	-61.5	RT
FPL	FT. MYERS	5	LEE	GT	DFO	WA	---	---	0	12 / 2016	-54.4	-61.7	-54.0	-61.5	RT
FPL	FT. MYERS	6	LEE	GT	DFO	WA	---	---	0	12 / 2016	-54.0	-61.5	-54.0	-61.5	RT
FPL	FT. MYERS	7	LEE	GT	DFO	WA	---	---	0	12 / 2016	-54.4	-61.7	-54.0	-61.5	RT
FPL	FT. MYERS	10	LEE	GT	DFO	WA	---	---	0	12 / 2016	-54.0	-61.5	-54.0	-61.5	RT
FPL	FT. MYERS	11	LEE	CA	WH	NA	---	---	0	12 / 2016	-54.4	-61.7	-54.0	-61.5	RT
FPL	FT. MYERS	12	LEE	CA	WH	NA	---	---	0	12 / 2016	-54.0	-61.5	-54.0	-61.5	RT

*Jointly Owned Unit

2016
LOAD AND RESOURCE PLAN
FLORIDA RELIABILITY COORDINATING COUNCIL
FRCC Form 1.1
PLANNED AND PROSPECTIVE GENERATING FACILITY ADDITIONS AND CHANGES
(JANUARY 1, 2016 THROUGH DECEMBER 31, 2025)

(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)	
2016 (cont.)															
FPL	FT. MYERS	4a	LEE	CT	NG	PL	---	---	0	12 / 2016	231.0	223.0	231.0	223.0	U
FPL	FT. MYERS	4b	LEE	CT	NG	PL	---	---	0	12 / 2016	231.0	223.0	231.0	223.0	U
FPL	LAUDERDALE	6a	BROWARD	CT	NG	PL	---	---	0	12 / 2016	231.0	223.0	231.0	223.0	U
FPL	LAUDERDALE	6b	BROWARD	CT	NG	PL	---	---	0	12 / 2016	231.0	223.0	231.0	223.0	U
FPL	LAUDERDALE	6c	BROWARD	CT	NG	PL	---	---	0	12 / 2016	231.0	223.0	231.0	223.0	U
FPL	LAUDERDALE	6d	BROWARD	CT	NG	PL	---	---	0	12 / 2016	231.0	223.0	231.0	223.0	U
FPL	LAUDERDALE	6e	BROWARD	CT	NG	PL	---	---	0	12 / 2016	231.0	223.0	231.0	223.0	U
FPL	SANFORD	5CTB	VOLUSIA	CT	NG	PL	---	---	0	12 / 2016	---	2.7	---	2.7	A
FPL	SANFORD	5CTC	VOLUSIA	CT	NG	PL	---	---	0	12 / 2016	---	2.7	---	2.7	A
FPL	TURKEY POINT	1	DADE	ST	RFO	WA	NG	PL	0	12 / 2016	-414.5	-416.6	-396.0	-398.0	SC
2016 TOTAL:													667.4	533.8	
2017															
DEF	HINES ENERGY COMPLEX	4GT1	POLK	CT	NG	PL	DFO	TK	0	1 / 2017	27.5	---	27.5	---	A
DEF	HINES ENERGY COMPLEX	4GT2	POLK	CT	NG	PL	DFO	TK	0	1 / 2017	27.5	---	27.5	---	A
DEF	OSPREY	CC1	POLK	CC	NG	PL	---	---	0	1 / 2017	245.0	249.0	244.0	248.0	CO
FPL	CEDAR BAY	1	DUVAL	ST	BIT	TK	---	---	0	1 / 2017	-250.0	-250.0	-250.0	-250.0	RT
TEC	POLK	2	POLK	GT	NG	PL	DFO	TK	3	1 / 2017	-152.0	-184.0	-151.0	-183.0	FC
TEC	POLK	3	POLK	GT	NG	PL	DFO	TK	3	1 / 2017	-152.0	-184.0	-151.0	-183.0	FC
TEC	POLK	4	POLK	GT	NG	PL	---	---	0	1 / 2017	-152.0	-184.0	-151.0	-183.0	FC
TEC	POLK	5	POLK	GT	NG	PL	---	---	0	1 / 2017	-152.0	-184.0	-151.0	-183.0	FC
TEC	POLK	2A	POLK	CT	NG	PL	DFO	TK	3	1 / 2017	152.0	184.0	151.0	183.0	FC
TEC	POLK	2B	POLK	CT	NG	PL	DFO	TK	3	1 / 2017	152.0	184.0	151.0	183.0	FC
TEC	POLK	2C	POLK	CT	NG	PL	---	---	0	1 / 2017	152.0	184.0	151.0	183.0	FC
TEC	POLK	2D	POLK	CT	NG	PL	---	---	0	1 / 2017	152.0	184.0	151.0	183.0	FC
TEC	POLK	2ST	POLK	CA	WH	NA	---	---	0	1 / 2017	460.0	464.0	459.0	463.0	U
FPL	MARTIN	8CTA	MARTIN	CT	NG	PL	---	---	0	2 / 2017	-2.4	13.4	-2.4	13.4	OT
FPL	MARTIN	4GT1	MARTIN	CT	NG	PL	DFO	TK	0	3 / 2017	13.3	17.7	13.3	17.7	A
FPL	MARTIN	8CTB	MARTIN	CT	NG	PL	---	---	0	3 / 2017	-2.4	13.4	-2.4	13.4	OT
JEA	NORTHSIDE	3	DUVAL	ST	NG	PL	RFO	WA	0	4 / 2017	-540.0	-540.0	-524.0	-524.0	OS (RS)
TAL	HOPKINS	GT1	LEON	GT	NG	PL	DFO	TK	3	4 / 2017	-12.0	-14.0	-12.0	-14.0	RT
FPL	MANATEE	3CTA	MANATEE	CT	NG	PL	---	---	0	5 / 2017	-2.0	12.4	-2.0	12.4	OT
FPL	MANATEE	3CTB	MANATEE	CT	NG	PL	---	---	0	5 / 2017	-2.0	12.4	-2.0	12.4	OT

*Jointly Owned Unit

2016
LOAD AND RESOURCE PLAN
FLORIDA RELIABILITY COORDINATING COUNCIL
FRCC Form 1.1
PLANNED AND PROSPECTIVE GENERATING FACILITY ADDITIONS AND CHANGES
(JANUARY 1, 2016 THROUGH DECEMBER 31, 2025)

(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)	
2017 (cont.)										0					
									0						
FPL	MANATEE	3CTC	MANATEE	CT	NG	PL	---	---	0	5 / 2017	-2.0	12.4	-2.0	12.4	OT
FPL	MANATEE	3CTD	MANATEE	CT	NG	PL	---	---	0	5 / 2017	-2.0	12.4	-2.0	12.4	OT
FPL	SANFORD	5CTD	VOLUSIA	CT	NG	PL	---	---	0	7 / 2017	-0.2	2.7	-0.2	2.7	OT
FPL	SANFORD	5CTA	VOLUSIA	CT	NG	PL	---	---	0	8 / 2017	-0.2	2.7	-0.2	2.7	OT
FPL	SANFORD	4CTC	VOLUSIA	CT	NG	PL	---	---	0	9 / 2017	-0.3	3.4	-0.3	3.4	OT
FPL	SANFORD	4CTD	VOLUSIA	CT	NG	PL	---	---	0	9 / 2017	-0.3	3.4	-0.3	3.4	OT
TAL	PURDOM	GT1	WAKULLA	GT	NG	PL	DFO	TK	9	10 / 2017	-10.0	-10.0	-10.0	-10.0	RT
TAL	PURDOM	GT2	WAKULLA	GT	NG	PL	DFO	TK	9	10 / 2017	-10.0	-10.0	-10.0	-10.0	RT
FPL	TURKEY POINT	5CTA	DADE	CT	NG	PL	---	---	0	11 / 2017	-3.9	1.6	-3.9	1.6	OT
FPL	TURKEY POINT	5CTB	DADE	CT	NG	PL	---	---	0	11 / 2017	-3.9	1.6	-3.9	1.6	OT
FPL	TURKEY POINT	5CTC	DADE	CT	NG	PL	---	---	0	12 / 2017	-3.9	1.6	-3.9	1.6	OT
2017 TOTAL:												-60.2	14.1		
2018															
FPL	TURKEY POINT	5CTD	DADE	CT	NG	PL	---	---	0	1 / 2018	-3.9	1.6	-3.9	1.6	OT
GRU	SOUTH ENERGY CENTER	2	ALACHUA	IC	NG	PL	---	---	0	1 / 2018	7.8	7.8	7.4	7.4	L
DEF	CRYSTAL RIVER	1	CITRUS	ST	BIT	RR	BIT	WA	0	4 / 2018	-359.0	-361.0	-329.0	-331.0	RT
DEF	CRYSTAL RIVER	2	CITRUS	ST	BIT	RR	BIT	WA	0	4 / 2018	-460.0	-464.0	-444.0	-448.0	RT
TAL	HOPKINS	GT2	LEON	GT	NG	PL	DFO	TK	3	4 / 2018	-24.0	-26.0	-24.0	-26.0	RT
DEF	CITRUS	1	CITRUS	CC	NG	PL	NG	PL	0	5 / 2018	830.0	920.0	820.0	910.0	P
TAL	SUB 12 DISTRIBUTED GEN.	IC 1	LEON	IC	NG	PL	---	---	0	6 / 2018	9.3	9.3	9.2	9.2	P
TAL	SUB 12 DISTRIBUTED GEN.	IC 2	LEON	IC	NG	PL	---	---	0	6 / 2018	9.3	9.3	9.2	9.2	P
FPL	TURKEY POINT	3	DADE	ST	NUC	TK	---	---	0	9 / 2018	20.0	20.0	20.0	20.0	A
DEF	CITRUS	1	CITRUS	CC	NG	PL	NG	PL	0	11 / 2018	820.0	910.0	820.0	910.0	P
2018 TOTAL:												884.9	1062.4		
2019															
FPL	TURKEY POINT	4	DADE	ST	NUC	TK	---	---	0	4 / 2019	20.0	20.0	20.0	20.0	A
FPL	OKEECHOBEE ENERGY CENTER	1	UNKNOWN	CC	NG	PL	DFO	PL	0	6 / 2019	1633.0	1606.0	1633.0	1606.0	U
JEA	NORTHSIDE	3	DUVAL	ST	NG	PL	RFO	WA	0	6 / 2019	---	---	---	---	RT
2019 TOTAL:												1653.0	1626.0		

*Jointly Owned Unit

2016
LOAD AND RESOURCE PLAN
FLORIDA RELIABILITY COORDINATING COUNCIL
FRCC Form 1.1
PLANNED AND PROSPECTIVE GENERATING FACILITY ADDITIONS AND CHANGES
(JANUARY 1, 2016 THROUGH DECEMBER 31, 2025)

(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															
DEF	OSPREY	CC2	POLK	CC	NG	PL	---	---	0	1 / 2020	332.0	349.0	331.0	348.0	CO
FMPA	ST. LUCIE	2	ST LUCIE	ST	NUC	---	TK	---	0	1 / 2020	-1.5	-1.6	-1.5	-1.6	OT
TEC	FUTURE	CT1	UNKNOWN	GT	NG	PL	---	---	0	5 / 2020	205.0	221.0	204.0	220.0	P
DEF	AVON PARK	P1	HIGHLANDS	GT	NG	PL	DFO	TK	3	6 / 2020	-24.0	-35.0	-24.0	-35.0	RT
DEF	AVON PARK	P2	HIGHLANDS	GT	DFO	TK	---	---	0	6 / 2020	-24.0	-35.0	-24.0	-35.0	RT
DEF	HIGGINS	P1	PINELLAS	GT	NG	PL	DFO	TK	0	6 / 2020	-20.0	-20.0	-20.0	-20.0	RT
DEF	HIGGINS	P2	PINELLAS	GT	NG	PL	DFO	TK	0	6 / 2020	-25.0	-25.0	-25.0	-25.0	RT
DEF	HIGGINS	P3	PINELLAS	GT	NG	PL	DFO	TK	0	6 / 2020	-32.0	-36.0	-32.0	-36.0	RT
DEF	HIGGINS	P4	PINELLAS	GT	NG	PL	DFO	TK	1	6 / 2020	-32.0	-35.0	-32.0	-35.0	RT
2020 TOTAL:												376.5	380.4		
2021															
TAL	HOPKINS	1	LEON	ST	NG	PL	---	---	0	1 / 2021	-81.0	-85.0	-76.0	-78.0	RT
TAL	HOPKINS	IC 1	LEON	IC	NG	PL	---	---	0	1 / 2021	9.3	9.3	9.2	9.2	P
TAL	HOPKINS	IC 2	LEON	IC	NG	PL	---	---	0	1 / 2021	9.3	9.3	9.2	9.2	P
TAL	HOPKINS	IC 3	LEON	IC	NG	PL	---	---	0	1 / 2021	9.3	9.3	9.2	9.2	P
TAL	HOPKINS	IC 4	LEON	IC	NG	PL	---	---	0	1 / 2021	9.3	9.3	9.2	9.2	P
TAL	PURDOM	IC 1	LEON	IC	NG	PL	---	---	0	1 / 2021	9.3	9.3	9.2	9.2	P
TAL	PURDOM	IC 2	WAKULLA	IC	NG	PL	---	---	0	1 / 2021	9.3	9.3	9.2	9.2	P
TAL	PURDOM	IC 3	WAKULLA	IC	NG	PL	---	---	0	1 / 2021	9.3	9.3	9.2	9.2	P
TAL	PURDOM	IC 4	WAKULLA	IC	NG	PL	---	---	0	1 / 2021	9.3	9.3	9.2	9.2	P
FPL	CAPE CANAVERAL	3A	BREVARD	CT	NG	PL	DFO	PL	0	4 / 2021	29.3	22.7	29.3	22.7	A
FPL	CAPE CANAVERAL	3B	BREVARD	CT	NG	PL	DFO	PL	0	5 / 2021	29.3	22.7	29.3	22.7	A
SEC	UNNAMED CC	1	UNKNOWN	CC	NG	PL	---	---	0	5 / 2021	649.0	741.0	649.0	741.0	P
FPL	CAPE CANAVERAL	3C	BREVARD	CT	NG	PL	DFO	PL	0	6 / 2021	29.3	22.7	29.3	22.7	A
OUC	UNKNOWN	1	ORANGE	CC	NG	PL	DFO	TK	3	6 / 2021	305.0	317.0	300.0	312.0	P
SEC	UNNAMED CT	1	UNKNOWN	GT	NG	PL	---	---	0	12 / 2021	201.0	224.0	201.0	224.0	P
2021 TOTAL:												1235.5	1340.7		
2022															
FPL	RIVIERA	1A	PALM BEACH	CT	NG	PL	RFO	WA	0	4 / 2022	28.7	30.0	28.7	30.0	A
FPL	RIVIERA	1A	PALM BEACH	CC	NG	PL	RFO	WA	0	4 / 2022	28.7	30.0	28.7	30.0	A
FPL	RIVIERA	1A	PALM BEACH	CC	NG	PL	RFO	WA	0	4 / 2022	28.7	30.0	28.7	30.0	A

*Jointly Owned Unit

**2016
LOAD AND RESOURCE PLAN
FLORIDA RELIABILITY COORDINATING COUNCIL
FRCC Form 1.1
PLANNED AND PROSPECTIVE GENERATING FACILITY ADDITIONS AND CHANGES
(JANUARY 1, 2016 THROUGH DECEMBER 31, 2025)**

(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>2022 (cont.)</u>															
GRU	DEERHAVEN	FS01	ALACHUA	ST	NG	PL	RFO	TK	0	8 / 2022	-80.0	-80.0	-75.0	-75.0	RT
SEC	UNNAMED CT	2	UNKNOWN	GT	NG	PL	---	---	0	12 / 2022	201.0	224.0	201.0	224.0	P
2022 TOTAL:												212.1	239.0		
<u>2023</u>															
TEC	FUTURE	CT2	UNKNOWN	GT	NG	PL	---	---	0	5 / 2023	205.0	221.0	204.0	220.0	P
2023 TOTAL:												204.0	220.0		
<u>2024</u>															
DEF	UNKNOWN	P1	UNKNOWN	CT	NG	PL	DFO	TK	4	6 / 2024	213.0	225.0	212.0	224.0	P
DEF	UNKNOWN	P2	UNKNOWN	CT	NG	PL	DFO	TK	4	6 / 2024	213.0	225.0	212.0	224.0	P
DEF	UNKNOWN	P3	UNKNOWN	CT	NG	PL	DFO	TK	4	6 / 2024	213.0	225.0	212.0	224.0	P
DEF	UNKNOWN	P4	UNKNOWN	CT	NG	PL	DFO	TK	4	6 / 2024	213.0	225.0	212.0	224.0	P
FPL	COMBINED CYCLE UNIT	1	UNKNOWN	CC	NG	PL	---	---	0	6 / 2024	1622.0	1595.0	1622.0	1595.0	P
SEC	UNNAMED CT	3	UNKNOWN	GT	NG	PL	---	---	0	12 / 2024	201.0	224.0	201.0	224.0	P
SEC	UNNAMED CT	4	UNKNOWN	GT	NG	PL	---	---	0	12 / 2024	201.0	224.0	201.0	224.0	P
2024 TOTAL:												2872.0	2939.0		
<u>2025</u>															
DEF	UNKNOWN	P5	UNKNOWN	CT	NG	PL	DFO	TK	2	6 / 2025	213.0	225.0	212.0	224.0	P
2025 TOTAL:												212.0	224.0		
FRCC FUTURE (Excluding Firm Solar):												8,257	8,580		
FRCC FUTURE FIRM SOLAR:												281	0		
FRCC FUTURE TOTAL:												8,538	8,580		

*Jointly Owned Unit

2016
LOAD AND RESOURCE PLAN
FLORIDA RELIABILITY COORDINATING COUNCIL
FRCC Form 1.1 (Solar)
PLANNED AND PROSPECTIVE SOLAR GENERATING FACILITY ADDITIONS AND CHANGES¹
(JANUARY 1, 2016 THROUGH DECEMBER 31, 2025)

(1) UTILITY	(2) PLANT NAME	(3) UNIT NO.	(4) LOCATION	(5) UNIT TYPE	(6) PRIMARY FUEL TYPE	(7) EFFECTIVE CHANGE DATE MO. / YEAR	(8) NAMEPLATE CAPABILITY _{AC} (MW)	(9)-(12) POTENTIAL EXPORT TO GRID AT TIME OF PEAK				(13) CHANGE/ STATUS
								FIRM		NON-FIRM		
								SUMMER (MW)	WINTER (MW)	SUMMER (MW)	WINTER (MW)	
<u>2016</u>												
DEF	OSCEOLA SOLAR	1	OSCEOLA	PV	SUN	5 / 2016	3.8	---	---	1.1	---	V
DEF	PERRY SOLAR	1	TAYLOR	PV	SUN	7 / 2016	5.1	---	---	1.5	---	V
FPL	BABCOCK SOLAR ENERGY CENTER	1	CHARLOTTE	PV	SUN	12 / 2016	74.5	39.0	---	---	---	V
FPL	CITRUS SOLAR ENERGY CENTER	1	DESOTO	PV	SUN	12 / 2016	74.5	39.0	---	---	---	V
FPL	MANATEE SOLAR	1	MANATEE	PV	SUN	12 / 2016	74.5	39.0	---	---	---	V
SEC	MGS SOLAR	1	HARDEE	PV	SUN	11 / 2016	2.2	---	---	---	---	P
<u>2017</u>												
DEF	SOLAR	3	UNKNOWN	PV	SUN	3 / 2017	10.0	---	---	3.0	---	P
TEC	BIG BEND SOLAR	1	HILLSBOROUGH	PV	SUN	5 / 2017	18.0	8.0	---	---	---	P
DEF	SOLAR	4	UNKNOWN	PV	SUN	7 / 2017	10.0	---	---	3.0	---	P
<u>2018</u>												
DEF	SOLAR	5	UNKNOWN	PV	SUN	6 / 2018	10.0	---	---	3.0	---	P
<u>2019</u>												
DEF	SOLAR	6 & 7	UNKNOWN	PV	SUN	6 / 2019	50.0	---	---	15.0	---	P
<u>2020</u>												
DEF	SOLAR	8 & 9	UNKNOWN	PV	SUN	6 / 2020	130.0	---	---	39.0	---	P
FPL	SOLAR PV	1	UNKNOWN	PV	SUN	6 / 2020	300.0	156.0	---	---	---	P
<u>2021</u>												
DEF	SOLAR	10	UNKNOWN	PV	SUN	6 / 2021	35.0	---	---	10.5	---	P

¹Notes:

DEF: Firm Summer potential export to grid at the time of peak was set at zero for current TYSP, but may vary after further demonstration study.
DEF: Non-firm Summer potential export to grid at the time of peak may be between 0% - 30% of Nameplate-Column (8); 30% is shown in table above

2016
LOAD AND RESOURCE PLAN
FLORIDA RELIABILITY COORDINATING COUNCIL
FRCC Form 1.1 (Solar)
PLANNED AND PROSPECTIVE SOLAR GENERATING FACILITY ADDITIONS AND CHANGES¹
(JANUARY 1, 2016 THROUGH DECEMBER 31, 2025)

(1) UTILITY	(2) PLANT NAME	(3) UNIT NO.	(4) LOCATION	(5) UNIT TYPE	(6) PRIMARY FUEL TYPE	(7) EFFECTIVE CHANGE DATE MO. / YEAR	(8) NAMEPLATE CAPABILITY _{AC} (MW)	(9)-(12) POTENTIAL EXPORT TO GRID AT TIME OF PEAK				(13) CHANGE/ STATUS
								FIRM		NON-FIRM		
								SUMMER (MW)	WINTER (MW)	SUMMER (MW)	WINTER (MW)	
<u>2022</u>												
DEF	SOLAR	11	UNKNOWN	PV	SUN	6 / 2022	50.0	---	---	15.0	---	P
<u>2023</u>												
DEF	SOLAR	12	UNKNOWN	PV	SUN	6 / 2023	75.0	---	---	22.5	---	P
<u>2024</u>												
DEF	SOLAR	13 & 14	UNKNOWN	PV	SUN	6 / 2024	125.0	---	---	37.5	---	P
<u>2025</u>												
DEF	SOLAR	15	UNKNOWN	PV	SUN	6 / 2025	50.0	---	---	15.0	---	P
FRCC FUTURE (Excluding Firm Solar):								8,257	8,580			
FRCC FUTURE FIRM SOLAR:								281	0			
FRCC FUTURE TOTAL:								8,538	8,580			

¹Notes:

DEF: Firm Summer potential export to grid at the time of peak was set at zero for current TYSP, but may vary after further demonstration study.
DEF: Non-firm Summer potential export to grid at the time of peak may be between 0% - 30% of Nameplate-Column (8); 30% is shown in table above

**2016
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	RESERVE MARGIN		NET FIRM	RESERVE MARGIN		
	INSIDE REGION	OUTSIDE REGION	REGIONAL IMPORTS	REGIONAL EXPORTS	NON-UTILITY PURCHASES	AVAILABLE CAPACITY		W/O EXERCISING	% OF PEAK	PEAK DEMAND	WITH EXERCISING	LOAD MANAGEMENT & INT.	% OF PEAK
	(MW)	(MW)	(MW)	(MW)	(MW)	(MW)	(MW)	(MW)	(MW)	(MW)	(MW)	(MW)	(MW)
2016	50,076	828	575	143	4,271	55,607	47,654	7,953	17%	44,730	10,877	24%	
2017	49,889	828	425	0	3,872	55,015	48,125	6,890	14%	45,111	9,904	22%	
2018	49,902	828	425	0	3,864	55,019	48,648	6,371	13%	45,578	9,441	21%	
2019	52,395	828	525	0	3,694	57,442	49,266	8,176	17%	46,143	11,299	24%	
2020	52,927	828	625	0	3,708	58,088	49,873	8,215	16%	46,706	11,382	24%	
2021	53,962	828	200	0	3,389	58,379	50,461	7,918	16%	47,256	11,123	24%	
2022	54,174	828	200	0	3,349	58,551	50,973	7,578	15%	47,718	10,833	23%	
2023	54,579	828	200	0	3,309	58,916	51,514	7,402	14%	48,243	10,673	22%	
2024	57,049	828	200	0	2,457	60,533	52,125	8,408	16%	48,854	11,679	24%	
2025	57,663	828	200	0	2,304	60,994	52,803	8,191	16%	49,499	11,495	23%	

**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	RESERVE MARGIN		NET FIRM	RESERVE MARGIN	
	INSIDE REGION	OUTSIDE REGION	REGIONAL IMPORTS	REGIONAL EXPORTS	NON-UTILITY PURCHASES	AVAILABLE CAPACITY		W/O EXERCISING	% OF PEAK	PEAK DEMAND	WITH EXERCISING	LOAD MANAGEMENT & INT.
	(MW)	(MW)	(MW)	(MW)	(MW)	(MW)	(MW)	(MW)	(MW)	(MW)	(MW)	(MW)
2016 / 17	54,146	829	425	0	4,145	59,546	45,521	14,025	31%	42,636	16,910	40%
2017 / 18	53,709	829	425	0	4,146	59,109	45,962	13,147	29%	43,015	16,094	37%
2018 / 19	54,762	829	425	0	3,961	59,977	46,546	13,431	29%	43,552	16,425	38%
2019 / 20	56,735	829	525	0	3,977	62,066	47,035	15,031	32%	44,000	18,066	41%
2020 / 21	56,764	829	625	0	4,115	62,334	47,525	14,809	31%	44,458	17,876	40%
2021 / 22	58,109	829	200	0	3,529	62,668	47,993	14,675	31%	44,894	17,774	40%
2022 / 23	58,348	829	200	0	3,489	62,867	48,462	14,405	30%	45,346	17,521	39%
2023 / 24	58,568	829	200	0	3,091	62,688	48,942	13,746	28%	45,827	16,861	37%
2024 / 25	61,507	829	200	0	2,416	64,953	49,411	15,542	31%	46,261	18,692	40%
2025 / 26	61,731	829	200	0	2,398	65,159	49,911	15,248	31%	46,733	18,426	39%

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

2016
FRCC Form 11
CONTRACTED FIRM IMPORTS AND FIRM EXPORTS
FROM/TO OUTSIDE THE FRCC REGION AT TIME OF PEAK (MW)
AS OF JANUARY 1, 2016

SUMMER

<u>YEAR</u>	<u>IMPORTS</u>			<u>TOTAL</u>	<u>EXPORTS</u>		<u>TOTAL</u>	<u>NET INTER- CHANGE</u>
	<u>DEF</u>	<u>JEA</u>	<u>TEC</u>		<u>DEF</u>			
2016	425	0	150	575	143		143	432
2017	425	0	0	425	0		0	425
2018	425	0	0	425	0		0	425
2019	425	100	0	525	0		0	525
2020	425	200	0	625	0		0	625
2021	0	200	0	200	0		0	200
2022	0	200	0	200	0		0	200
2023	0	200	0	200	0		0	200
2024	0	200	0	200	0		0	200
2025	0	200	0	200	0		0	200

WINTER

<u>YEAR</u>	<u>IMPORTS</u>			<u>TOTAL</u>	<u>EXPORTS</u>		<u>TOTAL</u>	<u>NET INTER- CHANGE</u>
	<u>DEF</u>	<u>JEA</u>						
2016/17	425	0		425			0	425
2017/18	425	0		425			0	425
2018/19	425	0		425			0	425
2019/20	425	100		525			0	525
2020/21	425	200		625			0	625
2021/22	0	200		200			0	200
2022/23	0	200		200			0	200
2023/24	0	200		200			0	200
2024/25	0	200		200			0	200
2025/26	0	200		200			0	200

**2016
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, 2015**

(1) UTILITY	(2) FACILITY NAME	(3) UNIT NO.	(4) LOCATION	(5) UNIT TYPE	(6) FUEL TYPE		(7) COMMERCIAL IN-SERVICE MO. / YEAR	(8) GROSS CAPABILITY		(9) NET CAPABILITY		(10) POTENTIAL EXPORT TO GRID AT TIME OF PEAK				(17) CONTRACT STATUS
								SUM (MW)	WIN (MW)	SUM (MW)	WIN (MW)	FIRM		UNCOMMITTED		
												SUM (MW)	WIN (MW)	SUM (MW)	WIN (MW)	
								(11)	(12)	(13)	(14)	(15)	(16)			
DUKE ENERGY FLORIDA																
	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	98.0	98.0	97.0	97.0	74.0	74.0	---	---	C
	ORLANDO COGEN	1	ORANGE	CA	NG	---	10 / 1993	125.2	123.2	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:												481.4	481.4	10.2	20.0	
FLORIDA MUNICIPAL POWER AGENCY																
	CUTRALE		LAKE	CC	NG	---	12 / 1987	4.6	4.6	4.6	4.6	---	---	---	---	NC
	US SUGAR CORPORATION		HENDRY	OT	OBS	---	2 / 1984	26.5	26.5	26.5	26.5	---	---	---	---	NC
FMPA TOTAL:												0.0	0.0	0.0	0.0	
FLORIDA POWER & LIGHT COMPANY																
	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
	TOMOKA FARMS	1	VOLUSIA	OT	LFG	---	7 / 1998	3.8	3.8	3.8	3.8	---	---	---	---	NC
	TROPICANA	1	MANATEE	OT	NG	OTH	3 / 1990	46.7	46.7	46.7	46.7	---	---	---	---	NC
	US SUGAR-BRYANT	1	PALM BEACH	OT	OBS	---	2 / 1980	20.0	20.0	20.0	20.0	---	---	---	---	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	

**2016
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, 2015**

(1) UTILITY	(2) FACILITY NAME	(3) UNIT NO.	(4) LOCATION	(5) UNIT TYPE	(6) FUEL TYPE		(8) COMMERCIAL IN-SERVICE MO. / YEAR	(9) GROSS CAPABILITY		(11) NET CAPABILITY		(13) POTENTIAL EXPORT TO GRID AT TIME OF PEAK				(17) CONTRACT STATUS
					(6) PRI	(7) ALT		(9) SUM (MW)	(10) WIN (MW)	(11) SUM (MW)	(12) WIN (MW)	(13) FIRM		(15) UNCOMMITTED		
												(13) SUM (MW)	(14) WIN (MW)	(15) SUM (MW)	(16) WIN (MW)	
<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
	GVL RENEWABLE ENERGY	1	ALACHUA	ST	WDS	---	12 / 2013	116.0	116.0	102.5	102.5	102.5	102.5	---	---	C
GRU TOTAL:												106.2	105.9	0.0	0.0	
<u>JEA</u>																
	ANHEUSER BUSCH		DUVAL	ST	NG	---	4 / 1988	---	---	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	---	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
	LEE COUNTY RES. RECOV.	1	LEE	ST	MSW	---	1 / 2009	30.0	36.0	30.0	36.0	30.0	36.0	---	---	C
	LEE COUNTY RES. RECOV.	2	LEE	ST	MSW	---	1 / 2009	15.0	19.0	15.0	19.0	15.0	19.0	---	---	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:												492.8	587.8	0.0	0.0	

**2016
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, 2015**

(1) UTILITY	(2) FACILITY NAME	(3) UNIT NO.	(4) LOCATION	(5) UNIT TYPE	(6) FUEL TYPE		(7) COMMERCIAL IN-SERVICE MO. / YEAR	(8) GROSS CAPABILITY		(9) NET CAPABILITY		(10) POTENTIAL EXPORT TO GRID AT TIME OF PEAK				(17) CONTRACT STATUS	
								SUM (MW)	WIN (MW)	SUM (MW)	WIN (MW)	(11) FIRM		(12) UNCOMMITTED			
												SUM (MW)	WIN (MW)	SUM (MW)	WIN (MW)		
								(13)	(14)	(15)	(16)						
TAMPA ELECTRIC COMPANY																	
	CF INDUSTRIES	1	HILLSBOROUGH	ST	WH	---	12 / 1988	34.9	34.9	34.9	34.9	---	---	3.4	3.4	NC	
	CITY OF TAMPA SEWAGE	1-5	HILLSBOROUGH	IC	OBG	---	7 / 1989	1.5	1.5	1.5	1.5	---	---	---	---	NC	
	CUTRALE CITRUS JUICES	1-3	POLK	CC	NG	---	12 / 1987	8.0	8.0	8.0	8.0	---	---	---	---	NC	
	MILLPOINT	1-3	HILLSBOROUGH	OT	WH	NG	12 / 1995	47.0	47.0	47.0	47.0	---	---	10.0	10.0	NC	
	NEW WALES	1-2	POLK	ST	WH	---	12 / 1984	90.0	90.0	90.0	90.0	---	---	---	---	NC	
	RIDGEWOOD	1-2	HILLSBOROUGH	ST	WH	---	10 / 1992	62.0	62.0	62.0	62.0	---	---	---	---	NC	
	SOUTH PIERCE	1-2	POLK	ST	WH	---	9 / 1969	34.0	34.0	34.0	34.0	---	---	20.0	20.0	NC	
	ST. JOSEPHS HOSPITAL	1	HILLSBOROUGH	IC	NG	---	4 / 1993	1.6	1.6	1.6	1.6	---	---	---	---	NC	
TEC TOTAL:												0	0	33.4	33.4		
FRCC NON-UTILITY (Excluding Solar):												1429	1524	44	53		
FRCC NON-UTILITY SOLAR:												6	0	12	0		
FRCC NON-UTILITY TOTAL:												1,435	1,524	55	53		

**2016
LOAD AND RESOURCE PLAN
FLORIDA RELIABILITY COORDINATING COUNCIL**

**FRCC Form 3.0 (Solar)
EXISTING SOLAR NON-UTILITY, QF, AND SELF SERVICE GENERATION FACILITIES
AS OF DECEMBER 31, 2015**

(1) UTILITY	(2) FACILITY NAME	(3) UNIT NO.	(4) LOCATION	(5) UNIT TYPE	(6) PRIMARY FUEL TYPE	(7) COMMERCIAL IN-SERVICE MO. / YEAR	(8) NAMEPLATE CAPABILITY _{AG} (MW)	(9)-(12) POTENTIAL EXPORT TO GRID AT TIME OF PEAK				(13) CONTRACT STATUS
								FIRM		UNCOMMITTED		
								SUM (MW)	WIN (MW)	SUM (MW)	WIN (MW)	
FLORIDA POWER & LIGHT COMPANY												
	FIRST SOLAR	1	DADE	PV	SUN	3 / 2010	0.1	---	---	0.1	---	NC
	ROTHENBACK PARK	1	SARASOTA	PV	SUN	10 / 2007	0.2	---	---	0.2	---	NC
								0.0	0.0	0.3	0.0	
JEA												
	JACKSONVILLE SOLAR	1	DUVAL	PV	SUN	9 / 2010	12.5	6.0	---	---	---	C
								6.0	0.0	0.0	0.0	
LAKELAND CITY OF												
	AIRPORT PHASE 1		POLK	PV	SUN	1 / 2012	2.3	---	---	2.3	---	NC
	AIRPORT PHASE 2		POLK	PV	SUN	9 / 2012	3.0	---	---	3.0	---	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	11.5	0.0	
FRCC NON-UTILITY (Excluding Solar):								1429	1524	44	53	
FRCC NON-UTILITY SOLAR:								6	0	12	0	
FRCC NON-UTILITY TOTAL:								1,435	1,524	55	53	

**2016
LOAD AND RESOURCE PLAN
FLORIDA RELIABILITY COORDINATING COUNCIL**

**FRCC Form 3.1
PLANNED AND PROSPECTIVE NON-UTILITY, QF, AND SELF SERVICE GENERATION FACILITIES
INSTALLATIONS, CHANGES, AND REMOVALS
JANUARY 1, 2016 THROUGH DECEMBER 31, 2025**

(1) UTIL	(2) FACILITY NAME	(3) UNIT NO.	(4) LOCATION	(5) UNIT TYPE	(6) FUEL TYPE		(7) ---	(8) COMMERCIAL IN-SERVICE/ RETIREMENT/ OR CHANGE IN CONTRACT MO. / YEAR	(9) GROSS CAPABILITY		(10) NET CAPABILITY		(11) POTENTIAL EXPORT TO GRID AT TIME OF PEAK				(17) CONTRACT STATUS
					(6) PRI	(6) ALT			(9) SUM (MW)	(9) WIN (MW)	(10) SUM (MW)	(10) WIN (MW)	(11) FIRM		(11) UNCOMMITTED		
													(11) SUM (MW)	(11) WIN (MW)	(11) SUM (MW)	(11) WIN (MW)	
<u>2016</u>																	
DEF	ORANGE COGEN (CFR-BIOGEN)	1	POLK	CS	NG	---	1 / 2016	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	C
<u>2017</u>																	
SEC	LEE COUNTY RES. RECOV.	1	LEE	ST	MSW	---	1 / 2017	---	---	---	---	-30.0	-36.0	---	---	CE	
SEC	LEE COUNTY RES. RECOV.	2	LEE	ST	MSW	---	1 / 2017	---	---	---	---	-15.0	-19.0	---	---	CE	
<u>2018</u>																	
SEC	BREVARD LANDFILL	1	BREVARD	ST	LFG	---	4 / 2018	---	---	---	---	-9.0	-9.0	---	---	CE	
SEC	SEMINOLE LANDFILL	1	SEMINOLE	ST	LFG	---	4 / 2018	---	---	---	---	-6.2	-6.2	---	---	CE	
JEA	TRAILRIDGE	1	DUVAL	IC	LFG	---	12 / 2018	---	---	---	---	-9.0	-9.0	---	---	CE	
<u>2019</u>																	
NO ENTRIES																	
<u>2020</u>																	
SEC	TIMBERLINE ENERGY	1	HERNANDO	ST	LFG	---	4 / 2020	---	---	---	---	-1.6	-1.6	---	---	CE	
<u>2021</u>																	
FPL	ECOGEN CLAY	1	CLAY	ST	OBS	---	1 / 2021	60.0	60.0	60.0	60.0	60.0	60.0	---	---	C	
FPL	ECOGEN MARTIN	1	MARTIN	ST	OBS	---	1 / 2021	60.0	60.0	60.0	60.0	60.0	60.0	---	---	C	
FPL	ECOGEN OKEECHOBEE	1	OKEECHOBEE	ST	OBS	---	1 / 2021	60.0	60.0	60.0	60.0	60.0	60.0	---	---	C	

**2016
LOAD AND RESOURCE PLAN
FLORIDA RELIABILITY COORDINATING COUNCIL**

**FRCC Form 3.1
PLANNED AND PROSPECTIVE NON-UTILITY, QF, AND SELF SERVICE GENERATION FACILITIES
INSTALLATIONS, CHANGES, AND REMOVALS
JANUARY 1, 2016 THROUGH DECEMBER 31, 2025**

(1) UTIL	(2) FACILITY NAME	(3) UNIT NO.	(4) LOCATION	(5) UNIT TYPE	(6) FUEL TYPE		(7) ---	(8) COMMERCIAL IN-SERVICE/ RETIREMENT/ OR CHANGE IN CONTRACT MO. / YEAR	(9) GROSS CAPABILITY		(10) NET CAPABILITY		(11) POTENTIAL EXPORT TO GRID AT TIME OF PEAK				(17) CONTRACT STATUS
					PRI	ALT			SUM	WIN	SUM	WIN	FIRM		UNCOMMITTED		
													SUM	WIN	SUM	WIN	
<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	RT	
GRU	G2 ENERGY	1	MARION	IC	LFG	---	12 / 2023	-4.0	-4.0	-3.7	-3.4	-3.7	-3.7	---	---	RT	
SEC	TELOGIA POWER	1	LIBERTY	ST	WDS	---	12 / 2023	---	---	---	---	-13.0	-13.0	---	---	CE	
<u>2024</u>																	
DEF	MULBERRY	1	POLK	CA	NG	---	9 / 2024	-115.0	-120.0	-115.0	-115.0	-115.0	-115.0	---	---	RT	
<u>2025</u>																	
SEC	HILLSB. WASTE TO ENERGY	1	HILLSBOROUGH	ST	MSW	---	3 / 2025	---	---	---	---	-9.5	-9.5	---	---	CE	
SEC	HILLSB. WASTE TO ENERGY	2	HILLSBOROUGH	ST	MSW	---	3 / 2025	---	---	---	---	-9.5	-9.5	---	---	CE	
SEC	HILLSB. WASTE TO ENERGY	3	HILLSBOROUGH	ST	MSW	---	3 / 2025	---	---	---	---	-9.5	-9.5	---	---	CE	
SEC	HILLSB. WASTE TO ENERGY	4	HILLSBOROUGH	ST	MSW	---	3 / 2025	---	---	---	---	-9.5	-9.5	---	---	CE	

**2016
LOAD AND RESOURCE PLAN
FLORIDA RELIABILITY COORDINATING COUNCIL**

**FRCC Form 3.1 (Solar)
PLANNED AND PROSPECTIVE SOLAR NON-UTILITY, QF, AND SELF SERVICE GENERATION FACILITIES
INSTALLATIONS, CHANGES, AND REMOVALS
JANUARY 1, 2016 THROUGH DECEMBER 31, 2025**

(1) UTIL	(2) FACILITY NAME	(3) UNIT NO.	(4) LOCATION	(5) UNIT TYPE	(6) PRIMARY FUEL TYPE	(7) COMMERCIAL IN-SERVICE/ RETIREMENT/ OR CHANGE IN CONTRACT MO. / YEAR	(8) NAMEPLATE CAPABILITY _{AC} (MW)	(9)-(12) POTENTIAL EXPORT TO GRID AT TIME OF PEAK				(13) CONTRACT STATUS
								FIRM		UNCOMMITTED		
								SUM (MW)	WIN (MW)	SUM (MW)	WIN (MW)	
<u>2016</u>												
LAK	AIRPORT PHASE 3	N/A	POLK	PV	SUN	9 / 2016	3.1	---	---	3.1	---	C
JEA	BLAIR SITE SOLAR	1	DUVAL	PV	SUN	12 / 2016	4.0	2.0	---	---	---	C
JEA	MONTGOMERY SOLAR FARM	1	DUVAL	PV	SUN	12 / 2016	7.0	3.5	---	---	---	C
JEA	OLD PLANK ROAD SOLAR FARM	1	DUVAL	PV	SUN	12 / 2016	3.0	1.5	---	---	---	C
<u>2017</u>												
JEA	SIMMONS ROAD SOLAR	1	DUVAL	PV	SUN	12 / 2017	2.0	1.0	---	---	---	C
JEA	STARRATT SOLAR	1	DUVAL	PV	SUN	12 / 2017	5.0	2.5	---	---	---	C
JEA	SUNE SOLAR FARM	1	DUVAL	PV	SUN	12 / 2017	4.5	2.2	---	---	---	C

**2016
LOAD AND RESOURCE PLAN
FLORIDA RELIABILITY COORDINATING COUNCIL
NON-UTILITY GENERATING FACILITIES SUMMARY**

SUMMER			WINTER		
YEAR	FIRM NET TO GRID (MW)	UNCOMMITTED NUG GENERATION (MW)	YEAR	FIRM NET TO GRID (MW)	UNCOMMITTED NUG GENERATION (MW)
2016	1,464.9	85.1	2016/17	1,498.6	83.4
2017	1,426.9	88.2	2017/18	1,498.6	83.4
2018	1,417.4	88.2	2018/19	1,474.4	83.4
2019	1,408.4	88.2	2019/20	1,474.4	83.4
2020	1,406.8	88.2	2020/21	1,652.8	83.4
2021	1,586.8	88.2	2021/22	1,652.8	83.4
2022	1,586.8	88.2	2022/23	1,652.8	83.4
2023	1,586.8	88.2	2023/24	1,521.1	64.6
2024	1,455.1	79.2	2024/25	1,368.1	64.6
2025	1,302.1	79.2	2025/26	1,368.1	64.6

2016
LOAD AND RESOURCE PLAN
FLORIDA RELIABILITY COORDINATING COUNCIL
FRCC Form 12
SUMMARY OF FIRM CAPACITY AND ENERGY CONTRACTS
AS OF JANUARY 1, 2016

(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	CAL	01/01/15	12/31/16	244	244	NG	Calpine purchase
DEF	GE	04/01/07	04/30/24	479.9	521.4	NG	Shady Hills PPA
DEF	GaPC	06/01/10	05/31/16	21	21	BIT	Sale of Scherer 3
DEF	GPC	06/01/10	05/31/16	50	50	BIT	Sale of Scherer 3
DEF	VANDOLAH	06/01/12	05/31/27	640.9	678.7	NG	Vandolah with present owner (Northern Star Generation)
DEF	SOU	06/01/10	05/31/16	342	342	NG	Southern purchase extension
DEF	SOU	06/01/16	05/31/21	425	425	NG	Southern purchase extension
DEF	TBD	05/31/23	09/30/23	50	0	DFO	Seasonal Purchase
DEF	TBD	05/31/26	09/30/26	25	0	NG	Seasonal Purchase
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	35.8	35.8	DFO	All KEYS owned capacity is used by FMPA to serve the ARP
FMPA	KUA	01/01/14	---	242.9	255.1	NG	All KUA owned capacity is used by FMPA to serve the ARP
FMPA	SOU	10/01/03	09/30/23	79	84	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	36	0	OTH	Placeholder for meeting Summer loads plus reserve margin
FMPA	TBD	06/01/25	09/30/24	22	0	OTH	Placeholder for meeting Summer loads plus reserve margin
FPL	JEA	03/01/87	12/31/19	382	389	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	TBD	05/01/17	09/30/17	53	0	NG	Firm purchase for 53 MW summer and from unknown seller
FPL	TBD	05/01/18	09/30/18	324	0	NG	Firm purchase for 324 MW summer and from unknown seller
GRU	A.R.	12/17/13	12/31/43	102.5	102.5	WDS	This is a woody waste fueled biomass unit (GVL Renewable Energy)
GRU	FIT	01/01/09	12/31/28	0.21	0.06	SUN	Load-reducing 2009 Feed-In Tariff installations
GRU	FIT	01/01/10	12/31/29	0.95	0.25	SUN	Load-reducing 2010 Feed-In Tariff installations
GRU	FIT	01/01/11	12/31/30	2.1	0.56	SUN	Load-reducing 2011 Feed-In Tariff installations
GRU	FIT	01/01/12	12/31/31	1.68	0.45	SUN	Load-reducing 2012 Feed-In Tariff installations
GRU	FIT	01/01/13	12/31/32	1.58	0.42	SUN	Load-reducing 2013 Feed-In Tariff installations
GRU	G2 U1&2	01/01/09	12/31/23	2.9	2.9	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 is an amendment to the original 3 MW contract.
HST	DEF	01/01/13	12/31/19	40	40	BIT	System sales contract. Historically, the majority of the generation has been coal, with NG as the secondary fuel.
HST	FMPA	08/14/83	---	7	7.3	NUC	Entitlement Share in St. Lucie Project (St. Lucie #2)

2016
LOAD AND RESOURCE PLAN
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AS OF JANUARY 1, 2016

(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	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	06/01/19	05/31/39	100	100	NUC	Nuclear PPA from the Municipal Electric Authority of Georgia (MEAG) for Vogtle Unit 3
JEA	MEAG	06/01/20	05/31/40	100	100	NUC	Nuclear PPA from the Municipal Electric Authority of Georgia (MEAG) for Vogtle Unit 4
JEA	TBD	06/01/17	09/30/17	150	0	OTH	Summer Seasonal Capacity & Energy
JEA	TBD	06/01/18	09/30/18	100	0	OTH	Summer Seasonal Capacity & Energy
JEA	TBD	12/01/18	03/31/19	0	30	OTH	Winter Seasonal Capacity & Energy
LWU	FMPA	08/14/83	---	21.6	22.4	NUC	Entitlement Share in St. Lucie Project (St. Lucie #2)
LWU	FMPA	07/01/87	---	10.4	10.4	BIT	Entitlement Share in Stanton Project (Stanton 1)
LWU	OUC	01/01/16	12/31/16	34	34	OTH	Represents PR purchase from OUC
LWU	OUC	01/01/17	12/31/17	36	36	OTH	Represents PR purchase from OUC
LWU	OUC	01/01/18	12/31/18	38	38	OTH	Represents PR purchase from OUC
NSB	DEF	01/01/09	12/31/18	30	30	NA	Partial Requirements
NSB	DEF	01/01/13	12/31/16	24	24	NA	Peaking
NSB	FMPA	08/14/83	---	8.6	8.9	NUC	Entitlement Share in St. Lucie Project (St. Lucie #2)
NSB	FPL	02/01/14	12/31/18	45	45	NA	Native Load Firm
NSB	TBD	01/01/18	12/31/24	60	60	NA	Future supply
OUC	OTH	10/01/13	09/30/25	3	3	LFG	LFG PPA (Port Charlotte)
OUC	OTH	07/01/15	12/31/17	9	9	LFG	LFG PPA (CBI)
OUC	OTH	01/01/16	12/31/35	9	0	SUN	Stanton Solar Farm
OUC	OTH	03/01/16	12/31/35	6	6	LFG	LFG PPA (Waste Management Coconut Creek)
OUC	OTH	01/01/18	12/31/19	10	10	LFG	LFG PPA (CBI)
OUC	OTH	01/01/20	12/31/35	11	11	LFG	LFG PPA (CBI)
OUC	SOU	01/01/03	09/30/18	322	343	NG	OUC PPA with SOU for Stanton A capacity. No decision made whether to extend or terminate PPA at this time.
OUC	SOU	10/01/18	09/30/20	282	303	NG	OUC PPA with SOU for Stanton A capacity. No decision made whether to extend or terminate PPA at this time.
OUC	SOU	10/01/20	09/30/21	242	263	NG	OUC PPA with SOU for Stanton A capacity. No decision made whether to extend or terminate PPA at this time.
OUC	SOU	10/01/21	09/30/22	202	223	NG	OUC PPA with SOU for Stanton A capacity. No decision made whether to extend or terminate PPA at this time.
OUC	SOU	10/01/22	09/30/23	162	183	NG	OUC PPA with SOU for Stanton A capacity. No decision made whether to extend or terminate PPA at this time.

2016
LOAD AND RESOURCE PLAN
FLORIDA RELIABILITY COORDINATING COUNCIL
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SUMMARY OF FIRM CAPACITY AND ENERGY CONTRACTS
AS OF JANUARY 1, 2016

(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)		
RCI	DEF	01/01/16	12/31/16	134	77	NA	Firm Base Load Purchase, this is a reserved product
RCI	DEF	03/01/16	03/01/31	0	0	SUN	PV PPA
RCI	DEF	01/01/17	12/31/17	138	80	NA	Firm Base Load Purchase, this is a reserved product
RCI	DEF	01/01/18	12/31/18	139	81	NA	Firm Base Load Purchase, this is a reserved product
RCI	DEF	01/01/19	12/31/19	140	81	NA	Firm Base Load Purchase, this is a reserved product
RCI	DEF	01/01/20	12/31/20	141	81	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	TBD	01/01/19	12/31/19	10	32	NA	Undetermined Purchase, this is a reserved product
RCI	TBD	01/01/20	12/31/20	10	33	NA	Undetermined Purchase, this is a reserved product
RCI	TBD	01/01/21	12/31/21	152	115	NA	Undetermined Purchase, this is a reserved product
RCI	TBD	01/01/22	12/31/22	153	116	NA	Undetermined Purchase, this is a reserved product
RCI	TBD	01/01/23	12/31/23	154	117	NA	Undetermined Purchase, this is a reserved product
RCI	TBD	01/01/24	12/31/24	155	118	NA	Undetermined Purchase, this is a reserved product
RCI	TBD	01/01/25	12/31/25	156	119	NA	Undetermined Purchase, this is a reserved product
RCI	TBD	01/01/26	12/31/26	158	120	NA	Undetermined Purchase, this is a reserved product
RCI	TEC	01/01/16	12/31/18	15	15	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	01/01/14	05/31/16	150	150	NA	System firm average capacity purchase
SEC	DEF	01/01/14	05/31/16	250	250	NA	System firm base capacity purchase
SEC	DEF	06/01/16	12/31/18	50	50	NA	System firm base capacity purchase
SEC	DEF	06/01/16	12/31/18	200	200	NA	System firm intermediate capacity purchase
SEC	DEF	06/01/17	09/30/20	100	0	NA	System firm Summer Seasonal Peaking Capacity purchase
SEC	DEF	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	01/01/23	12/31/24	200	200	NA	System firm intermediate 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

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AS OF JANUARY 1, 2016

(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	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	LEE	01/01/09	12/31/16	45	55	MSW	Municipal solid waste facility (Lee County Resource Recovery)
SEC	OTH	01/01/14	03/07/46	43.4	43.4	DFO	Firm purchase from SECI Members for Diesel Generation (CBGs)
SEC	SEMINOLE	10/01/07	03/31/18	6.2	6.2	LFG	Seminole Energy: Landfill gas-to-energy facility
SEC	SOU	01/01/10	05/31/21	153	182	NG	CT firm capacity purchase - Oleander 2 (2nd PPA)
SEC	SOU	01/01/10	05/31/21	153	182	NG	CT firm capacity purchase - Oleander 3 (2nd PPA)
SEC	SOU	01/01/10	05/31/21	153	182	NG	CT firm capacity purchase - Oleander 4 (2nd PPA)
SEC	Tampa	08/01/11	07/31/26	20	20	MSW	McKay Bay Waste to Energy facility (City of Tampa Waste to Energy)
SEC	TBD	12/01/20	03/31/21	0	281	NG	System firm seasonal purchase
SEC	TBD	06/01/21	09/30/21	161	0	NG	System firm seasonal purchase
SEC	TBD	12/01/21	03/31/22	0	114	NG	System firm seasonal purchase
SEC	TBD	06/01/22	09/30/22	12	0	NG	System firm seasonal purchase
SEC	TBD	12/01/22	03/31/23	0	239	NG	System firm seasonal purchase
SEC	TBD	06/01/23	09/30/23	159	0	NG	System firm seasonal purchase
SEC	TBD	12/01/23	03/31/24	0	299	NG	System firm seasonal purchase
SEC	TBD	06/01/24	09/30/24	220	0	NG	System firm seasonal purchase
SEC	TBD	12/01/24	03/31/25	0	95	NG	System firm seasonal purchase
SEC	TBD	06/01/25	09/30/25	99	0	NG	System firm seasonal purchase
SEC	TBD	12/01/25	03/31/26	0	177	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	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	---	15.1	15.1	BIT	Entitlement Share in Stanton II Project (Stanton 2)
STC	OUC	10/01/15	09/30/16	149	133	OTH	Interchange between OUC and STC per Interlocal Agreement.
STC	OUC	10/01/16	09/30/17	155	146	OTH	Interchange between OUC and STC per Interlocal Agreement.
STC	OUC	10/01/17	09/30/18	160	151	OTH	Interchange between OUC and STC per Interlocal Agreement.
STC	OUC	10/01/18	09/30/19	164	156	OTH	Interchange between OUC and STC per Interlocal Agreement.
STC	OUC	10/01/19	09/30/20	168	159	OTH	Interchange between OUC and STC per Interlocal Agreement.
STC	OUC	10/01/20	09/30/21	173	163	OTH	Interchange between OUC and STC per Interlocal Agreement.
STC	OUC	10/01/21	09/30/22	177	167	OTH	Interchange between OUC and STC per Interlocal Agreement.
STC	OUC	10/01/22	09/30/23	182	172	OTH	Interchange between OUC and STC per Interlocal Agreement.
STC	OUC	10/01/23	09/30/24	187	176	OTH	Interchange between OUC and STC per Interlocal Agreement.

2016
LOAD AND RESOURCE PLAN
FLORIDA RELIABILITY COORDINATING COUNCIL
FRCC Form 12
SUMMARY OF FIRM CAPACITY AND ENERGY CONTRACTS
AS OF JANUARY 1, 2016

(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)		
STC	OUC	10/01/24	09/30/25	191	180	OTH	Interchange between OUC and STC per Interlocal Agreement.
STC	OUC	10/01/25	09/30/26	191	185	OTH	Interchange between OUC and STC per Interlocal Agreement.
TEC	CAL	11/01/11	12/31/16	117	117	NG	Firm purchase contract with Calpine through 12/31/2016
TEC	DEF	02/01/16	02/28/17	250	250	NG	Firm purchase contract with Duke Energy of Florida through 2/28/2017
TEC	EXELON	05/01/16	11/30/16	150	150	NG	Firm purchase contract with Exelon Energy through 11/30/2016
TEC	FPL	05/01/16	11/30/16	100	100	NA	Firm purchase contract with Florida Power and Light through 11/30/2016
TEC	PAC	01/01/09	12/31/18	121	121	NG	Firm purchase contract with Quantum Pasco Power through 12/31/2018
VER	FMPA	08/14/83	---	13.17	13.7	NUC	Entitlement Share in St. Lucie Project (St. Lucie #2)
VER	FMPA	07/01/87	---	20.8	20.8	BIT	Entitlement Share in Stanton Project (Stanton 1)
VER	FMPA	07/01/87	---	17	17	BIT	Entitlement Share in Stanton II Project (Stanton 2)
VER	OUC	10/01/15	09/30/16	129	139	OTH	Represents MW projected to be provided to VER by OUC
VER	OUC	10/01/16	09/30/17	130	140	OTH	Represents MW projected to be provided to VER by OUC
VER	OUC	10/01/17	09/30/18	133	143	OTH	Represents MW projected to be provided to VER by OUC
VER	OUC	10/01/18	09/30/19	135	145	OTH	Represents MW projected to be provided to VER by OUC
VER	OUC	10/01/19	09/30/20	138	148	OTH	Represents MW projected to be provided to VER by OUC
VER	OUC	10/01/20	09/30/21	141	151	OTH	Represents MW projected to be provided to VER by OUC
VER	OUC	10/01/21	09/30/22	143	153	OTH	Represents MW projected to be provided to VER by OUC
VER	OUC	10/01/22	09/30/23	146	156	OTH	Represents MW projected to be provided to VER by OUC
VER	TBD	10/01/23	09/30/24	183	181	OTH	Unspecified PPA
VER	TBD	10/01/24	09/30/25	185	185	OTH	Unspecified PPA
VER	TBD	10/01/25	09/30/26	187	187	OTH	Unspecified PPA

**2016
LOAD AND RESOURCE PLAN
FLORIDA RELIABILITY COORDINATING COUNCIL**

**FRCC Form 9.0
FUEL REQUIREMENTS
AS OF JANUARY 1, 2016**

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
FUEL REQUIREMENTS			UNITS	<u>ACTUAL</u> 2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
(1)	NUCLEAR		TRILLION BTU	309	309	306	306	312	308	306	312	307	308	313
(2)	COAL		1000 TON	20,545	17,990	18,448	18,177	18,994	20,263	20,274	18,519	19,166	20,347	20,451
RESIDUAL														
(3)	STEAM		1000 BBL	568	327	63	47	45	25	20	26	28	14	22
(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	568	327	63	47	45	25	20	26	28	14	22
DISTILLATE														
(7)	STEAM		1000 BBL	92	116	115	80	71	55	54	73	71	79	69
(8)	CC		1000 BBL	155	153	36	36	43	22	13	22	24	27	41
(9)	CT		1000 BBL	273	137	72	102	67	30	47	51	52	50	21
(10)	TOTAL:		1000 BBL	520	406	223	218	181	107	114	146	147	156	131
NATURAL GAS														
(11)	STEAM		1000 MCF	108,978	80,965	53,999	45,679	42,389	42,324	41,117	42,111	42,722	38,830	38,682
(12)	CC		1000 MCF	950,055	944,720	984,398	1,005,881	1,003,742	1,006,036	1,010,385	1,050,071	1,060,324	1,054,069	1,061,401
(13)	CT		1000 MCF	27,583	34,829	32,020	27,829	18,634	13,740	17,793	16,694	17,663	21,231	23,893
(14)	TOTAL:		1000 MCF	1,086,616	1,060,514	1,070,417	1,079,389	1,064,765	1,062,100	1,069,295	1,108,876	1,120,709	1,114,130	1,123,976
(15)	OTHER													
	PET COKE		1000 TON	909	1,373	1,348	1,304	1,299	1,126	1,113	1,131	1,129	1,264	1,300
	LFG & BIOFUELS		1000 MMBTU	427	420	426	466	482	473	477	472	468	457	465

**2016
LOAD AND RESOURCE PLAN
FLORIDA RELIABILITY COORDINATING COUNCIL**

**FRCC Form 9.1
ENERGY SOURCES (GWH)
AS OF JANUARY 1, 2016**

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
ENERGY SOURCES			UNITS	ACTUAL 2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
(1)	FIRM INTER-REGION INTERCHANGE		GWH	8,925	6,290	1,999	2,104	2,335	1,997	2,417	2,454	2,504	2,153	2,121
(2)	NUCLEAR		GWH	27,872	29,457	29,174	29,071	29,723	29,365	29,140	29,733	29,291	29,320	29,827
(3)	COAL		GWH	41,438	36,899	37,857	37,403	38,483	41,521	41,509	36,916	38,046	40,294	40,427
RESIDUAL														
(4)	STEAM		GWH	337	212	41	31	29	16	13	17	18	9	14
(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	337	212	41	31	29	16	13	17	18	9	14
DISTILLATE														
(8)	STEAM		GWH	54	21	22	22	21	22	21	19	20	20	20
(9)	CC		GWH	108	157	47	51	57	35	24	30	33	37	54
(10)	CT		GWH	92	52	38	48	36	15	26	22	25	24	12
(11)	TOTAL:		GWH	254	230	107	121	114	72	71	71	78	81	86
NATURAL GAS														
(12)	STEAM		GWH	9,796	8,380	5,629	4,618	3,470	3,279	3,150	3,202	3,357	2,927	2,998
(13)	CC		GWH	135,396	136,397	142,416	146,286	148,047	148,960	148,854	154,224	155,042	154,742	156,154
(14)	CT		GWH	2,406	1,218	2,356	2,010	1,514	1,093	1,422	1,228	1,275	1,953	2,243
(15)	TOTAL:		GWH	147,598	145,995	150,401	152,914	153,031	153,332	153,426	158,654	159,674	159,622	161,395
(16)	NUG		GWH	1,685	1,693	1,703	1,703	1,760	1,766	1,759	1,760	1,759	626	389
RENEWABLES														
(17)	BIOFUELS		GWH	25	25	25	25	25	25	25	25	25	25	25
(18)	BIOMASS		GWH	1,172	780	776	731	778	750	790	778	796	751	728
(19)	HYDRO		GWH	159	139	140	140	140	140	141	141	141	141	141
(20)	LANDFILL GAS		GWH	325	417	563	493	408	417	415	414	385	384	384
(21)	MSW		GWH	1,404	1,565	1,204	1,199	1,256	1,261	1,261	1,256	1,255	1,260	1,016
(22)	SOLAR		GWH	202	334	906	1,012	1,075	1,958	2,089	2,167	2,281	2,476	2,595
(23)	WIND		GWH	0	0	0	0	0	0	0	0	0	0	0
(24)	OTHER RENEW.		GWH	14	19	19	19	19	19	19	19	19	19	19
(25)	TOTAL:		GWH	3,301	3,279	3,633	3,619	3,701	4,570	4,740	4,800	4,902	5,056	4,908
(26)	OTHER		GWH	3,079	5,683	5,950	5,601	5,485	4,645	6,224	6,891	6,901	8,100	8,056
(27)	NET ENERGY FOR LOAD		GWH	234,489	229,738	230,865	232,567	234,661	237,284	239,299	241,296	243,173	245,261	247,223

**2016
LOAD AND RESOURCE PLAN
FLORIDA RELIABILITY COORDINATING COUNCIL**

**FRCC Form 9.2
ENERGY SOURCES (%)
AS OF JANUARY 1, 2016**

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
ENERGY SOURCES			UNITS	ACTUAL 2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
(1)	FIRM INTER-REGION INTERCHANGE		%	3.81%	2.74%	0.87%	0.90%	1.00%	0.84%	1.01%	1.02%	1.03%	0.88%	0.86%
(2)	NUCLEAR		%	11.89%	12.82%	12.64%	12.50%	12.67%	12.38%	12.18%	12.32%	12.05%	11.95%	12.06%
(3)	COAL		%	17.67%	16.06%	16.40%	16.08%	16.40%	17.50%	17.35%	15.30%	15.65%	16.43%	16.35%
	RESIDUAL													
(4)	STEAM		%	0.14%	0.09%	0.02%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.00%	0.01%
(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:		%	0.14%	0.09%	0.02%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.00%	0.01%
	DISTILLATE													
(8)	STEAM		%	0.02%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%
(9)	CC		%	0.05%	0.07%	0.02%	0.02%	0.02%	0.01%	0.01%	0.01%	0.01%	0.02%	0.02%
(10)	CT		%	0.04%	0.02%	0.02%	0.02%	0.02%	0.01%	0.01%	0.01%	0.01%	0.01%	0.00%
(11)	TOTAL:		%	0.11%	0.10%	0.05%	0.05%	0.05%	0.03%	0.03%	0.03%	0.03%	0.03%	0.03%
	NATURAL GAS													
(12)	STEAM		%	4.18%	3.65%	2.44%	1.99%	1.48%	1.38%	1.32%	1.33%	1.38%	1.19%	1.21%
(13)	CC		%	57.74%	59.37%	61.69%	62.90%	63.09%	62.78%	62.20%	63.91%	63.76%	63.09%	63.16%
(14)	CT		%	1.03%	0.53%	1.02%	0.86%	0.65%	0.46%	0.59%	0.51%	0.52%	0.80%	0.91%
(15)	TOTAL:		%	62.94%	63.55%	65.15%	65.75%	65.21%	64.62%	64.11%	65.75%	65.66%	65.08%	65.28%
(16)	NUG		%	0.72%	0.74%	0.74%	0.73%	0.75%	0.74%	0.74%	0.73%	0.72%	0.26%	0.16%
	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		%	0.50%	0.34%	0.34%	0.31%	0.33%	0.32%	0.33%	0.32%	0.33%	0.31%	0.29%
(19)	HYDRO		%	0.07%	0.06%	0.06%	0.06%	0.06%	0.06%	0.06%	0.06%	0.06%	0.06%	0.06%
(20)	LANDFILL GAS		%	0.14%	0.18%	0.24%	0.21%	0.17%	0.18%	0.17%	0.17%	0.16%	0.16%	0.16%
(21)	MSW		%	0.60%	0.68%	0.52%	0.52%	0.54%	0.53%	0.52%	0.52%	0.52%	0.51%	0.41%
(22)	SOLAR		%	0.09%	0.15%	0.39%	0.44%	0.46%	0.83%	0.87%	0.90%	0.94%	1.01%	1.05%
(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.		%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%
(25)	TOTAL:		%	1.41%	1.43%	1.57%	1.56%	1.58%	1.93%	1.98%	1.99%	2.02%	2.06%	1.99%
(26)	OTHER		%	1.31%	2.47%	2.58%	2.41%	2.34%	1.96%	2.60%	2.86%	2.84%	3.30%	3.26%
(27)	NET ENERGY FOR LOAD		%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%

**2016
LOAD AND RESOURCE PLAN
FLORIDA RELIABILITY COORDINATING COUNCIL**

**FRCC Form 13
SUMMARY AND SPECIFICATIONS OF PROPOSED TRANSMISSION LINES
AS OF JANUARY 1, 2016**

(1)	(2)	(3)	(4)	(5)	(6)	(7)	
LINE OWNERSHIP	TERMINALS	LINE LENGTH CKT. MILES	COMMERCIAL IN-SERVICE (MO./YR)	NOMINAL VOLTAGE (kV)	CAPACITY (MVA)	SITED UNDER *	
TEC	ASPEN	FISHHAWK (CIRCUIT 2)	6	1 / 2017	230	1195	PPSA
TEC	ASPEN	FISHHAWK (CIRCUIT 1)	6	1 / 2017	230	1195	PPSA
TEC	BIG BEND	ASPEN (CIRCUIT 2)	11	1 / 2017	230	1119	PPSA
TEC	DAVIS	CHAPMAN (CIRCUIT 2)	8	1 / 2017	230	1119	PPSA
TAL	SUB 14 115	SUB 7 115	6	1 / 2018	115	232	NA
FPL	RAVEN	DUVAL	45	12 / 2018	230	759	TLSA
FPL	ST. JOHNS	PRINGLE	25	12 / 2018	230	759	TLSA
DEF	OSPREY	HAINES CITY EAST	18	1 / 2020	230	1260	NA
DEF	OSPREY	KATHLEEN	23	1 / 2020	230	1260	NA
TEC	UNSITED	UNSITED (FUTURE CT1)	0	5 / 2020	0	1119	NA
JEA	GREENLAND ENERGY CTR	NOCATEE	4.4	12 / 2020	230	668	NA
TEC	UNSITED	UNSITED (FUTURE CT2)	---	5 / 2023	---	1119	NA
FPL	LEVEE	MIDWAY	150	6 / 2023	500	2598	TLSA

* TLSA: Transmission Line Siting Act

* PPSA: Power Plant Siting Act

**2016
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
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

**2016
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

**2016
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
2016
REGIONAL LOAD & RESOURCE PLAN**

**2016
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)					NET ENERGY FOR LOAD (GWH)		
YEAR	ACTUAL PEAK DEMAND (MW)				YEAR	ACTUAL PEAK DEMAND (MW)				YEAR	NET ENERGY FOR LOAD (GWH)	LOAD FACTOR (%)
2006	48,137				2006 / 07	40,604				2006	244,006	57.9%
2007	49,485				2007 / 08	44,254				2007	246,952	57.0%
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	48,800				2015 / 16	40,754				2015	248,406	58.1%

YEAR	TOTAL PEAK DEMAND (MW)	INTER-RUPTIBLE LOAD (MW)	LOAD MANAGEMENT (MW)	NET FIRM PEAK DEMAND (MW)	YEAR	TOTAL PEAK DEMAND (MW)	INTER-RUPTIBLE LOAD (MW)	LOAD MANAGEMENT (MW)	NET FIRM PEAK DEMAND (MW)	YEAR	NET ENERGY FOR LOAD (GWH)	LOAD FACTOR (%)
2016	50,546	486	2,438	47,622	2016 / 17	48,204	464	2,421	45,319	2016	243,650	58.4%
2017	51,064	498	2,516	48,050	2017 / 18	48,674	468	2,479	45,727	2017	244,935	58.2%
2018	51,620	502	2,568	48,550	2018 / 19	49,289	482	2,512	46,295	2018	246,797	58.0%
2019	52,267	517	2,606	49,144	2019 / 20	49,785	492	2,543	46,750	2019	249,040	57.8%
2020	52,882	521	2,646	49,715	2020 / 21	50,278	492	2,575	47,211	2020	251,738	57.8%
2021	53,475	522	2,683	50,270	2021 / 22	50,751	493	2,606	47,652	2021	253,782	57.6%
2022	53,992	532	2,723	50,737	2022 / 23	51,235	478	2,638	48,119	2022	255,828	57.6%
2023	54,551	515	2,756	51,280	2023 / 24	51,729	447	2,668	48,614	2023	257,814	57.4%
2024	55,179	483	2,788	51,908	2024 / 25	52,213	450	2,700	49,063	2024	260,025	57.2%
2025	55,874	484	2,820	52,570	2025 / 26	52,724	450	2,728	49,546	2025	262,057	56.9%

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

**2016
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, 2016**

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
YEAR	RURAL & RESIDENTIAL			COMMERCIAL			INDUSTRIAL			STREET & HIGHWAY LIGHTING GWH	OTHER SALES GWH	TOTAL SALES GWH	WHOLESALE PURCHASES FOR RESALE GWH	WHOLESALE SALES FOR RESALE GWH	UTILITY USE & LOSSES GWH	AGGREGATION ADJUSTMENT GWH	NET ENERGY FOR LOAD GWH
	GWH	AVERAGE NO. OF CUSTOMERS	AVG. KWH CONSUMPTION PER CUST.	GWH	AVERAGE NO. OF CUSTOMERS	AVG. KWH CONSUMPTION PER CUST.	GWH	AVERAGE NO. OF CUSTOMERS	AVG. KWH CONSUMPTION PER CUST.								
2006	115,279	8,158,214	14,130	80,437	1,006,646	79,906	23,425	37,769	620,218	819	5,194	225,154	0	9,986	15,188	-6,322	244,006
2007	116,506	8,343,790	13,963	82,769	1,033,930	80,053	23,263	36,133	643,816	837	5,410	228,785	0	11,526	14,773	-8,132	246,952
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	117,615	8,659,510	13,582	86,027	1,082,577	79,465	17,342	22,703	763,864	841	5,601	227,426	0	12,827	12,964	-4,811	248,406
2006-2015																	
% AAGR	0.22%			0.75%			-3.29%										0.20%
2016	115,339	8,791,167	13,120	85,002	1,097,337	77,462	17,119	23,804	719,165	868	5,597	223,925	0	12,253	11,926	-4,454	243,650
2017	116,278	8,933,969	13,015	85,695	1,112,010	77,063	17,348	25,014	693,532	876	5,633	225,830	0	11,886	11,521	-4,302	244,935
2018	117,559	9,079,650	12,948	86,391	1,123,634	76,885	17,486	25,601	683,020	887	5,670	227,993	0	11,428	11,747	-4,371	246,797
2019	118,728	9,222,472	12,874	87,078	1,137,696	76,539	17,636	26,043	677,188	897	5,693	230,032	0	11,312	11,950	-4,254	249,040
2020	120,309	9,363,443	12,849	88,012	1,151,494	76,433	17,760	26,435	671,837	908	5,749	232,738	0	11,318	11,959	-4,277	251,738
2021	121,625	9,501,433	12,801	88,690	1,164,953	76,132	17,785	26,844	662,532	922	5,806	234,828	0	10,878	11,816	-3,740	253,782
2022	122,831	9,637,652	12,745	89,356	1,178,206	75,841	17,786	27,171	654,595	935	5,870	236,778	0	10,461	11,833	-3,244	255,828
2023	124,108	9,773,231	12,699	90,060	1,191,147	75,608	17,616	27,386	643,248	948	5,922	238,654	0	10,623	11,836	-3,299	257,814
2024	125,389	9,907,923	12,655	90,842	1,203,721	75,468	17,412	27,463	634,017	960	5,978	240,581	0	10,311	12,023	-2,890	260,025
2025	126,785	10,041,184	12,626	91,572	1,216,053	75,303	17,398	27,581	630,797	974	6,034	242,763	0	10,443	11,771	-2,920	262,057
2016-2025																	
% AAGR	1.06%			0.83%			0.18%										0.81%

2016
LOAD AND RESOURCE PLAN
STATE OF FLORIDA
FRCC Form 5.0
HISTORY AND FORECAST OF SUMMER PEAK DEMAND (MW)
AS OF JANUARY 1, 2016

(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.	
2014	48,659	0	67	0	479	2,366	1,536	53,107
2015	48,800	0	71	0	504	2,459	1,565	53,399
2016	47,622	486	1,356	1,082	694	2,532	1,582	55,354
2017	48,050	498	1,416	1,100	694	2,595	1,623	55,976
2018	48,550	502	1,448	1,120	694	2,652	1,652	56,618
2019	49,144	517	1,467	1,139	694	2,705	1,680	57,346
2020	49,715	521	1,487	1,159	694	2,754	1,708	58,038
2021	50,270	522	1,508	1,175	694	2,797	1,735	58,701
2022	50,737	532	1,530	1,193	694	2,838	1,761	59,285
2023	51,280	515	1,546	1,210	694	2,876	1,787	59,908
2024	51,908	483	1,561	1,227	694	2,914	1,814	60,601
2025	52,570	484	1,576	1,244	695	2,957	1,842	61,368

2016
LOAD AND RESOURCE PLAN
STATE OF FLORIDA
FRCC Form 6.0
HISTORY AND FORECAST OF WINTER PEAK DEMAND (MW)
AS OF JANUARY 1, 2016

(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.	
2014/15	45,653	0	106	0	479	2,665	849	49,763
2015/16	40,754	0	96	0	543	2,729	856	44,990
2016/17	45,319	464	1,595	826	694	2,805	879	52,582
2017/18	45,727	468	1,642	837	694	2,852	894	53,114
2018/19	46,295	482	1,663	849	694	2,897	909	53,789
2019/20	46,750	492	1,684	859	694	2,938	924	54,341
2020/21	47,211	492	1,705	870	694	2,975	941	54,888
2021/22	47,652	493	1,726	880	694	3,008	956	55,409
2022/23	48,119	478	1,746	892	694	3,040	973	55,942
2023/24	48,614	447	1,766	902	694	3,070	990	56,483
2024/25	49,063	450	1,787	913	695	3,108	1,007	57,023
2025/26	49,546	450	1,804	924	695	3,141	1,024	57,584

2016
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, 2016

(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.	
2014	238,689	0	0	0	2,302	5,571	4,360	250,922
2015	248,406	0	0	0	2,338	5,795	4,468	261,007
2016	243,650	0	0	0	2,707	5,854	4,509	256,720
2017	244,935	0	0	0	2,703	5,929	4,563	258,130
2018	246,797	0	0	0	2,761	6,013	4,629	260,200
2019	249,040	0	0	0	2,765	6,109	4,708	262,622
2020	251,738	0	0	0	2,768	6,218	4,802	265,526
2021	253,782	0	0	0	2,765	6,336	4,906	267,789
2022	255,828	0	0	0	2,765	6,466	5,023	270,082
2023	257,814	0	0	0	2,765	6,608	5,151	272,338
2024	260,025	0	0	0	2,768	6,764	5,294	274,851
2025	262,057	0	0	0	2,765	6,934	5,449	277,205

**2016
LOAD AND RESOURCE PLAN
STATE OF FLORIDA**

**SUMMARY OF INTERRUPTIBLE LOAD AND LOAD MANAGEMENT (MW)
2016 THROUGH 2025**

SUMMER

YEAR	FRCC TOTALS			STATE TOTALS			STATE TOTAL INT + LM
	INT	RES LM	COM LM	INT	RES LM	COM LM	
2016	486	1,356	1,082	486	1,356	1,082	2,924
2017	498	1,416	1,100	498	1,416	1,100	3,014
2018	502	1,448	1,120	502	1,448	1,120	3,070
2019	517	1,467	1,139	517	1,467	1,139	3,123
2020	521	1,487	1,159	521	1,487	1,159	3,167
2021	522	1,508	1,175	522	1,508	1,175	3,205
2022	532	1,530	1,193	532	1,530	1,193	3,255
2023	515	1,546	1,210	515	1,546	1,210	3,271
2024	483	1,561	1,227	483	1,561	1,227	3,271
2025	484	1,576	1,244	484	1,576	1,244	3,304

WINTER

YEAR	FRCC TOTALS			STATE TOTALS			STATE TOTAL INT + LM
	INT	RES LM	COM LM	INT	RES LM	COM LM	
2016/17	464	1,595	826	464	1,595	826	2,885
2017/18	468	1,642	837	468	1,642	837	2,947
2018/19	482	1,663	849	482	1,663	849	2,994
2019/20	492	1,684	859	492	1,684	859	3,035
2020/21	492	1,705	870	492	1,705	870	3,067
2021/22	493	1,726	880	493	1,726	880	3,099
2022/23	478	1,746	892	478	1,746	892	3,116
2023/24	447	1,766	902	447	1,766	902	3,115
2024/25	450	1,787	913	450	1,787	913	3,150
2025/26	450	1,804	924	450	1,804	924	3,178

**2016
LOAD AND RESOURCE PLAN
STATE OF FLORIDA
SUMMARY OF EXISTING CAPACITY
AS OF DECEMBER 31, 2015**

<u>UTILITY</u>	<u>NET CAPABILITY (MW)</u>	
	<u>SUMMER</u>	<u>WINTER</u>
GULF POWER COMPANY	2,348	2,387
POWERSOUTH ENERGY COOPERATIVE	1,894	2,098
<u>TOTALS</u>		
FRCC REGION	49,953	53,981
STATE OF FLORIDA	54,195	58,466
FRCC FIRM NON-UTILITY PURCHASES	4,226	4,525
STATE FIRM NON-UTILITY PURCHASES	4,226	4,525
TOTAL FRCC REGION	54,179	58,506
TOTAL STATE OF FLORIDA	58,421	62,991

**2016
LOAD AND RESOURCE PLAN
STATE OF FLORIDA
FRCC Form 1.0
EXISTING GENERATING FACILITIES AS OF JANUARY 1, 2016**

(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	1	BAY	ST	BIT	WA	---	---	0	6 / 1965	4 / 2016	106.0	106.0	96.0	96.0	OP **
LANSING SMITH	2	BAY	ST	BIT	WA	---	---	0	6 / 1967	4 / 2016	0.0	0.0	0.0	0.0	OP **
LANSING SMITH	3	BAY	CC	NG	PL	---	---	0	4 / 2002	--- / -----	567.0	595.0	556.0	584.0	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	12 / 2018	4.0	5.0	4.0	5.0	OP
PEA RIDGE	2	SANTA ROSA	GT	NG	PL	---	---	0	5 / 1998	12 / 2018	4.0	5.0	4.0	5.0	OP
PEA RIDGE	3	SANTA ROSA	GT	NG	PL	---	---	0	5 / 1998	12 / 2018	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	--- / -----	225.0	225.0	215.0	215.0	OP
GPC TOTAL:												2348.0	2387.0		

* Jointly Owned Unit

** One coal-fired unit on minimum, one coal-fired unit off-line per Florida Department of Environmental Protection's Mercury and Air Toxics Standards deadline extension

**2016
LOAD AND RESOURCE PLAN
STATE OF FLORIDA
FRCC Form 1.0
EXISTING GENERATING FACILITIES AS OF JANUARY 1, 2016**

(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	--- / -----	1.0	1.0	1.0	1.0	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	NA	UN	0	12 / 2010	--- / -----	175.0	224.0	175.0	224.0	OP
MCINTOSH	5	WASHINGTON, AL	CT	NG	PL	---	---	0	12 / 2010	--- / -----	175.0	224.0	175.0	224.0	OP
MCWILLIAMS	1	COVINGTON, AL	CA	WH	NA	---	---	0	12 / 1954	--- / -----	9.0	9.0	9.0	9.0	OP
MCWILLIAMS	2	COVINGTON, AL	CA	WH	NA	---	---	0	12 / 1954	--- / -----	9.0	9.0	9.0	9.0	OP
MCWILLIAMS	3	COVINGTON, AL	CA	WH	NA	---	---	0	8 / 1959	--- / -----	21.0	21.0	21.0	21.0	OP
MCWILLIAMS	4	COVINGTON, AL	GT	NG	PL	DFO	TK	0	12 / 1996	--- / -----	103.0	110.0	103.0	110.0	OP
MCWILLIAMS	VAN1	COVINGTON, AL	CT	NG	PL	---	---	0	1 / 2002	--- / -----	164.0	203.0	164.0	203.0	OP
MCWILLIAMS	VAN2	COVINGTON, AL	CT	NG	PL	---	---	0	1 / 2002	--- / -----	164.0	203.0	164.0	203.0	OP
MCWILLIAMS	VAN3	COVINGTON, AL	CA	WH	NA	---	---	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:												1894.2	2098.2		
FRCC TOTAL:												49,953	53,981		
STATE TOTAL:												54,195	58,466		

* Jointly Owned Unit

2016
LOAD AND RESOURCE PLAN
STATE OF FLORIDA
FRCC Form 1.1
PLANNED AND PROSPECTIVE GENERATING FACILITY ADDITIONS AND CHANGES
(JANUARY 1, 2016 THROUGH DECEMBER 31, 2025)

(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>2016</u>															
GPC	LANSING SMITH	1	BAY	ST	BIT	WA	---	---	0	4 / 2016	-106.0	-106.0	-96.0	-96.0	RT
GPC	LANSING SMITH	2	BAY	ST	BIT	WA	---	---	0	4 / 2016	0.0	0.0	0.0	0.0	RT
GPC	SCHERER	3	MONROE GA	ST	BIT	RR	---	---	0	6 / 2016	-1.0	-1.0	-1.0	-1.0	D
2016 TOTAL:												-97.0	-97.0		
<u>2017</u>															
NO ENTRIES															
<u>2018</u>															
GPC	PEA RIDGE	1	SANTA ROSA	GT	NG	PL	---	---	0	12 / 2018	-4.0	-5.0	-4.0	-5.0	RT
GPC	PEA RIDGE	2	SANTA ROSA	GT	NG	PL	---	---	0	12 / 2018	-4.0	-5.0	-4.0	-5.0	RT
GPC	PEA RIDGE	3	SANTA ROSA	GT	NG	PL	---	---	0	12 / 2018	-4.0	-5.0	-4.0	-5.0	RT
2018 TOTAL:												-12.0	-15.0		
<u>2019</u>															
NO ENTRIES															
<u>2020</u>															
NO ENTRIES															

* Jointly Owned Unit

2016
LOAD AND RESOURCE PLAN
STATE OF FLORIDA
FRCC Form 1.1
PLANNED AND PROSPECTIVE GENERATING FACILITY ADDITIONS AND CHANGES
(JANUARY 1, 2016 THROUGH DECEMBER 31, 2025)

(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>2021</u>															
NO ENTRIES															
<u>2022</u>															
NO ENTRIES															
<u>2023</u>															
GPC	COMBUSTION TURBINES	NA	ESCAMBIA	GT	NG	PL	DFO	TK	0	6 / 2023	662.0	685.0	654.0	677.0	P
											2023 TOTAL:		654.0	677.0	
<u>2024</u>															
NO ENTRIES															
<u>2025</u>															
NO ENTRIES															
												FRCC FUTURE TOTAL:	8,538	8,580	
												STATE FUTURE TOTAL:	9,083	9,145	

* Jointly Owned Unit

**2016
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	RESERVE MARGIN		NET FIRM	RESERVE MARGIN		
	INSIDE STATE	OUTSIDE STATE	STATE IMPORTS	STATE EXPORTS	NON-UTILITY PURCHASES	AVAILABLE CAPACITY		W/O EXERCISING	% OF PEAK	PEAK DEMAND	WITH EXERCISING	LOAD MANAGEMENT & INT.	% OF PEAK
	(MW)	(MW)	(MW)	(MW)	(MW)	(MW)	(MW)	(MW)	(MW)	(MW)	(MW)	(MW)	(MW)
2016	51,603	3,446	1,518	198	4,271	60,640	50,546	10,094	20%	47,622	13,018	27%	
2017	51,416	3,446	1,368	50	3,872	60,053	51,064	8,989	18%	48,050	12,003	25%	
2018	51,429	3,446	1,368	50	3,864	60,057	51,620	8,437	16%	48,550	11,507	24%	
2019	53,910	3,446	1,468	50	3,694	62,468	52,267	10,201	20%	49,144	13,324	27%	
2020	54,442	3,446	1,568	0	3,708	63,165	52,882	10,283	19%	49,715	13,450	27%	
2021	55,477	3,446	1,143	0	3,389	63,455	53,475	9,980	19%	50,270	13,185	26%	
2022	55,689	3,446	1,143	0	3,349	63,627	53,992	9,635	18%	50,737	12,890	25%	
2023	56,748	3,446	258	0	3,309	63,761	54,551	9,210	17%	51,280	12,481	24%	
2024	59,218	3,446	258	0	2,457	65,379	55,179	10,200	18%	51,908	13,471	26%	
2025	59,832	3,446	258	0	2,304	65,840	55,874	9,966	18%	52,570	13,270	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	RESERVE MARGIN		NET FIRM	RESERVE MARGIN	
	INSIDE STATE	OUTSIDE STATE	STATE IMPORTS	STATE EXPORTS	NON-UTILITY PURCHASES	AVAILABLE CAPACITY		W/O EXERCISING	% OF PEAK	PEAK DEMAND	WITH EXERCISING	LOAD MANAGEMENT & INT.
	(MW)	(MW)	(MW)	(MW)	(MW)	(MW)	(MW)	(MW)	(MW)	(MW)	(MW)	(MW)
2016 / 17	55,712	3,651	1,381	55	4,145	64,835	48,204	16,631	35%	45,319	19,516	43%
2017 / 18	55,275	3,651	1,381	50	4,146	64,403	48,674	15,729	32%	45,727	18,676	41%
2018 / 19	56,313	3,651	1,381	50	3,961	65,256	49,289	15,967	32%	46,295	18,961	41%
2019 / 20	58,286	3,651	1,481	50	3,977	67,345	49,785	17,560	35%	46,750	20,595	44%
2020 / 21	58,315	3,651	1,581	0	4,115	67,663	50,278	17,385	35%	47,211	20,452	43%
2021 / 22	59,660	3,651	1,156	0	3,529	67,997	50,751	17,246	34%	47,652	20,345	43%
2022 / 23	59,899	3,651	1,156	0	3,489	68,196	51,235	16,961	33%	48,119	20,077	42%
2023 / 24	60,796	3,651	271	0	3,091	67,809	51,729	16,080	31%	48,614	19,195	39%
2024 / 25	63,735	3,651	271	0	2,416	70,074	52,213	17,861	34%	49,063	21,011	43%
2025 / 26	63,959	3,651	271	0	2,398	70,280	52,724	17,556	33%	49,546	20,734	42%

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

**2016
LOAD AND RESOURCE PLAN
STATE OF FLORIDA**

**FRCC Form 3.0
EXISTING NON-UTILITY, QF, AND SELF SERVICE GENERATION FACILITIES
AS OF DECEMBER 31, 2015**

(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
					PRI	ALT		SUM (MW)	WIN (MW)	SUM (MW)	WIN (MW)	FIRM		UNCOMMITTED		
															SUM (MW)	
<u>GULF POWER COMPANY</u>																
	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 TOTAL:											1,435	1,524	55	65	
	STATE TOTAL:											1,435	1,524	66	76	

**2016
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, 2016 THROUGH DECEMBER 31, 2025**

(1) UTIL	(2) FACILITY NAME	(3) UNIT NO.	(4) LOCATION	(5) UNIT TYPE	(6) FUEL TYPE		(7) CONTRACT	(8) COMMERCIAL IN-SERVICE/ RETIREMENT/ OR CHANGE IN CONTRACT MO. / YEAR	(9) GROSS CAPABILITY		(11) NET CAPABILITY		(13) POTENTIAL EXPORT TO GRID AT TIME OF PEAK				(17) CONTRACT STATUS
					PRI	ALT			SUM (MW)	WIN (MW)	SUM (MW)	WIN (MW)	FIRM		UNCOMMITTED		
<u>2016</u>	NO ENTRIES																
<u>2017</u>	NO ENTRIES																
<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																

**2016
LOAD AND RESOURCE PLAN
STATE OF FLORIDA**

NON-UTILITY GENERATING FACILITIES SUMMARY

SUMMER			WINTER		
YEAR	FIRM NET TO GRID (MW)	UNCOMMITTED NUG GENERATION (MW)	YEAR	FIRM NET TO GRID (MW)	UNCOMMITTED NUG GENERATION (MW)
2016	1,464.9	96.1	2016/17	1,498.6	94.4
2017	1,426.9	99.2	2017/18	1,498.6	94.4
2018	1,417.4	99.2	2018/19	1,474.4	94.4
2019	1,408.4	99.2	2019/20	1,474.4	94.4
2020	1,406.8	99.2	2020/21	1,652.8	94.4
2021	1,586.8	99.2	2021/22	1,652.8	94.4
2022	1,586.8	99.2	2022/23	1,652.8	94.4
2023	1,586.8	99.2	2023/24	1,521.1	75.6
2024	1,455.1	90.2	2024/25	1,368.1	75.6
2025	1,302.1	90.2	2025/26	1,368.1	75.6

2016
LOAD AND RESOURCE PLAN
STATE OF FLORIDA
FRCC Form 12
SUMMARY OF FIRM CAPACITY AND ENERGY CONTRACTS
AS OF JANUARY 1, 2016

(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)			
DEF	GaPC	06/01/10	05/31/16	21	21	BIT	Sale of Scherer 3	
DEF	GPC	06/01/10	05/31/16	50	50	BIT	Sale of Scherer 3	
DEF	SOU	06/01/10	05/31/16	342	342	NG	Southern purchase extension	
DEF	SOU	06/01/16	05/31/21	425	425	NG	Southern purchase extension	
FLINT	GPC	06/01/10	12/31/19	50	50	BIT	GPC Scherer 3 allocation of Southern Unit Power Sale	
GPC	SENA	06/01/14	05/24/23	885	885	NG	PPA with power marketer (Shell Energy)	
JEA	MEAG	06/01/19	05/31/39	100	100	NUC	Nuclear PPA from the Municipal Electric Authority of Georgia (MEAG) for Vogtle Unit 3	
JEA	MEAG	06/01/20	05/31/40	100	100	NUC	Nuclear PPA from the Municipal Electric Authority of Georgia (MEAG) for Vogtle Unit 4	
MKT	GPC	06/01/15	05/31/16	5	5	OTH	Power Sales Agreement with South Carolina E&G	
MKT	GPC	06/01/16	12/31/16	5	5	OTH	Power Sales Agreement with South Carolina E&G	
TEC	EXELON	05/01/16	11/30/16	150	150	NG	Firm purchase contract with Exelon Energy through 11/30/2016	

**2016
LOAD AND RESOURCE PLAN
STATE OF FLORIDA**

**FRCC Form 9.0
FUEL REQUIREMENTS
AS OF JANUARY 1, 2016**

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
FUEL REQUIREMENTS			UNITS	<u>ACTUAL</u> 2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
(1)	NUCLEAR		TRILLION BTU	309	309	306	306	312	308	306	312	307	308	313
(2)	COAL		1000 TON	23,217	19,983	20,775	21,038	21,971	23,818	24,012	22,538	23,565	24,795	25,148
RESIDUAL														
(3)	STEAM		1000 BBL	568	327	63	47	45	25	20	26	28	14	22
(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	568	327	63	47	45	25	20	26	28	14	22
DISTILLATE														
(7)	STEAM		1000 BBL	113	128	129	92	84	68	65	84	80	89	77
(8)	CC		1000 BBL	155	153	36	36	43	22	13	22	24	27	41
(9)	CT		1000 BBL	275	137	72	102	67	30	47	51	52	50	21
(10)	TOTAL:		1000 BBL	543	418	237	230	194	120	125	157	156	166	139
NATURAL GAS														
(11)	STEAM		1000 MCF	109,361	80,965	53,999	45,679	42,389	42,324	41,117	42,111	42,722	38,830	38,682
(12)	CC		1000 MCF	1,010,053	1,014,050	1,060,298	1,079,129	1,069,465	1,044,784	1,046,498	1,086,886	1,082,028	1,069,909	1,076,793
(13)	CT		1000 MCF	29,270	36,244	33,452	29,275	18,915	13,957	18,043	16,897	18,791	23,416	29,461
(14)	TOTAL:		1000 MCF	1,148,684	1,131,259	1,147,749	1,154,083	1,130,769	1,101,065	1,105,658	1,145,894	1,143,541	1,132,155	1,144,936
(15)	OTHER													
	PET COKE		1000 TON	909	1,373	1,348	1,304	1,299	1,126	1,113	1,131	1,129	1,264	1,300
	LFG & BIOFUELS		1000 MMBTU	685	660	666	706	722	713	717	712	708	697	705

**2016
LOAD AND RESOURCE PLAN
STATE OF FLORIDA**

**FRCC Form 9.1
ENERGY SOURCES (GWH)
AS OF JANUARY 1, 2016**

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
ENERGY SOURCES			UNITS	ACTUAL 2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
(1)	FIRM INTER-REGION INTERCHANGE		GWH	8,447	4,975	-1,112	-1,771	-578	1,531	1,914	1,232	2,423	2,773	1,936
(2)	NUCLEAR		GWH	27,872	29,457	29,174	29,071	29,723	29,365	29,140	29,733	29,291	29,320	29,827
(3)	COAL		GWH	46,685	41,477	43,227	44,016	45,377	49,837	50,266	46,353	48,402	50,755	51,494
RESIDUAL														
(4)	STEAM		GWH	337	212	41	31	29	16	13	17	18	9	14
(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	337	212	41	31	29	16	13	17	18	9	14
DISTILLATE														
(8)	STEAM		GWH	54	21	22	22	21	22	21	19	20	20	20
(9)	CC		GWH	108	157	47	51	57	35	24	30	33	37	54
(10)	CT		GWH	93	52	38	48	36	15	26	22	25	24	12
(11)	TOTAL:		GWH	255	230	107	121	114	72	71	71	78	81	86
NATURAL GAS														
(12)	STEAM		GWH	9,819	8,380	5,629	4,618	3,470	3,279	3,150	3,202	3,357	2,927	2,998
(13)	CC		GWH	143,993	145,901	152,857	156,421	157,158	154,276	153,790	159,251	158,020	156,923	158,266
(14)	CT		GWH	2,536	1,322	2,459	2,115	1,540	1,114	1,446	1,248	1,387	2,169	2,794
(15)	TOTAL:		GWH	156,348	155,603	160,945	163,154	162,168	158,669	158,386	163,701	162,764	162,019	164,058
(16)	NUG		GWH	1,841	1,827	1,840	1,843	1,902	1,911	1,907	1,911	1,913	783	549
RENEWABLES														
(17)	BIOFUELS		GWH	25	25	25	25	25	25	25	25	25	25	25
(18)	BIOMASS		GWH	1,172	780	776	731	778	750	790	778	796	751	728
(19)	HYDRO		GWH	162	144	145	145	145	145	146	146	146	146	146
(20)	LANDFILL GAS		GWH	350	442	588	518	433	442	440	439	410	409	409
(21)	MSW		GWH	1,458	1,602	1,226	1,199	1,256	1,261	1,261	1,256	1,255	1,260	1,016
(22)	SOLAR		GWH	202	334	1,147	1,252	1,314	2,196	2,325	2,402	2,515	2,709	2,827
(23)	WIND		GWH	0	676	674	674	674	676	674	674	674	676	674
(24)	OTHER RENEW.		GWH	14	19	19	19	19	19	19	19	19	19	19
(25)	TOTAL		GWH	3,383	4,022	4,600	4,563	4,644	5,514	5,680	5,739	5,840	5,995	5,844
(26)	OTHER			3,238	5,847	6,113	5,769	5,661	4,823	6,405	7,071	7,085	8,290	8,249
(27)	NET ENERGY FOR LOAD			248,406	243,650	244,935	246,797	249,040	251,738	253,782	255,828	257,814	260,025	262,057

**2016
LOAD AND RESOURCE PLAN
STATE OF FLORIDA**

**FRCC Form 9.2
ENERGY SOURCES (%)
AS OF JANUARY 1, 2016**

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
ENERGY SOURCES			UNITS	ACTUAL 2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
(1)	FIRM INTER-REGION INTERCHANGE		%	3.40%	2.04%	-0.45%	-0.72%	-0.23%	0.61%	0.75%	0.48%	0.94%	1.07%	0.74%
(2)	NUCLEAR		%	11.22%	12.09%	11.91%	11.78%	11.94%	11.66%	11.48%	11.62%	11.36%	11.28%	11.38%
(3)	COAL		%	18.79%	17.02%	17.65%	17.83%	18.22%	19.80%	19.81%	18.12%	18.77%	19.52%	19.65%
	RESIDUAL													
(4)	STEAM		%	0.14%	0.09%	0.02%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.00%	0.01%
(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:		%	0.14%	0.09%	0.02%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.00%	0.01%
	DISTILLATE													
(8)	STEAM		%	0.02%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%
(9)	CC		%	0.04%	0.06%	0.02%	0.02%	0.02%	0.01%	0.01%	0.01%	0.01%	0.01%	0.02%
(10)	CT		%	0.04%	0.02%	0.02%	0.02%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.00%
(11)	TOTAL:		%	0.10%	0.09%	0.04%	0.05%	0.05%	0.03%	0.03%	0.03%	0.03%	0.03%	0.03%
	NATURAL GAS													
(12)	STEAM		%	3.95%	3.44%	2.30%	1.87%	1.39%	1.30%	1.24%	1.25%	1.30%	1.13%	1.14%
(13)	CC		%	57.97%	59.88%	62.41%	63.38%	63.11%	61.28%	60.60%	62.25%	61.29%	60.35%	60.39%
(14)	CT		%	1.02%	0.54%	1.00%	0.86%	0.62%	0.44%	0.57%	0.49%	0.54%	0.83%	1.07%
(15)	TOTAL:		%	62.94%	63.86%	65.71%	66.11%	65.12%	63.03%	62.41%	63.99%	63.13%	62.31%	62.60%
(16)	NUG		%	0.74%	0.75%	0.75%	0.75%	0.76%	0.76%	0.75%	0.75%	0.74%	0.30%	0.21%
	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%	0.32%	0.32%	0.30%	0.31%	0.30%	0.31%	0.30%	0.31%	0.29%	0.28%
(19)	HYDRO		%	0.07%	0.06%	0.06%	0.06%	0.06%	0.06%	0.06%	0.06%	0.06%	0.06%	0.06%
(20)	LANDFILL GAS		%	0.14%	0.18%	0.24%	0.21%	0.17%	0.18%	0.17%	0.17%	0.16%	0.16%	0.16%
(21)	MSW		%	0.59%	0.66%	0.50%	0.49%	0.50%	0.50%	0.49%	0.49%	0.49%	0.48%	0.39%
(22)	SOLAR		%	0.08%	0.14%	0.47%	0.51%	0.53%	0.87%	0.92%	0.94%	0.98%	1.04%	1.08%
(23)	WIND		%	0.00%	0.28%	0.28%	0.27%	0.27%	0.27%	0.27%	0.26%	0.26%	0.26%	0.26%
(24)	OTHER RENEW.		%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%
(25)	TOTAL:		%	1.36%	1.65%	1.88%	1.85%	1.86%	2.19%	2.24%	2.24%	2.27%	2.31%	2.23%
(26)	OTHER		%	1.30%	2.40%	2.50%	2.34%	2.27%	1.92%	2.52%	2.76%	2.75%	3.19%	3.15%
(27)	NET ENERGY FOR LOAD		%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%

**2016
LOAD AND RESOURCE PLAN
STATE OF FLORIDA**

**FRCC Form 13
SUMMARY AND SPECIFICATIONS OF PROPOSED TRANSMISSION LINES
AS OF JANUARY 1, 2016**

(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	---	12 / 2018	115	217	NA
PEC	SOUTHPORT	BAYOU GEORGE	8	12 / 2018	115	217	NA

* TLISA: 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

**2016
LOAD AND RESOURCE PLAN
FLORIDA RELIABILITY COORDINATING COUNCIL
EXISTING MERCHANT GENERATION FACILITIES
IN FLORIDA
As of December 31, 2015**

(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)	POTENTIAL EXPORT TO GRID AT TIME OF PEAK				GROSS CAPABILITY		NET CAPABILITY		UNIT TYPE	FUEL TYPE PRI	ALT	COMMERCIAL IN-SERVICE MO. / YEAR	RETIREMENT MO. / YEAR	OWNERSHIP	UNIT STATUS	CONTRACT STATUS	
			FIRM		UNCOMMITTED		SUM	WIN	SUM	WIN									
			(MW)	(MW)	(MW)	(MW)	(MW)	(MW)	(MW)	(MW)									
CALPINE EASTERN (CAL)																			
AUBURNDALE PEAKER ENERGY CTR	CTP	POLK	117.0	117.0	---	9.0	130.1	(1)	---	117.0	126.0	GT	NG	DFO	5 / 2002	--- / ----	MER	OP	C
OSPREY ENERGY CENTER (OEC)	CT1	POLK	580.0	580.0	10.0	20.0	192.0	(1)	---	175.0	180.0	CT	NG	---	5 / 2004	--- / ----	MER	OP	C (2)
OSPREY ENERGY CENTER (OEC)	CT2	POLK	---	---	---	---	192.0	(1)	---	175.0	180.0	CT	NG	---	5 / 2004	--- / ----	MER	OP	C (2)
OSPREY ENERGY CENTER (OEC)	ST	POLK	---	---	---	---	260.0	(1)	---	240.0	240.0	CA	WH	---	5 / 2004	--- / ----	MER	OP	C (2)
GENERAL ELECTRIC (GE)																			
SHADY HILLS POWER CO.	1 GT	PASCO	156.0	172.0	---	---	180.2	(1)	---	156.0	172.0	GT	NG	DFO	2 / 2002	--- / ----	MER	OP	C (3)
SHADY HILLS POWER CO.	2 GT	PASCO	156.0	172.0	---	---	180.2	(1)	---	156.0	172.0	GT	NG	DFO	2 / 2002	--- / ----	MER	OP	C (3)
SHADY HILLS POWER CO.	3 GT	PASCO	156.0	172.0	---	---	180.2	(1)	---	156.0	172.0	GT	NG	DFO	2 / 2002	--- / ----	MER	OP	C (3)
SANTA ROSA ENERGY CENTER, LLC (SREC)																			
SANTA ROSA ENERGY CENTER	CT01	SANTA ROSA	---	---	161.0	173.0	165.7	(1)	177.7	161.4	173.4	CT	NG	---	6 / 2003	--- / ----	MER	OP	NC
SANTA ROSA ENERGY CENTER	ST01	SANTA ROSA	---	---	75.0	75.0	74.5	(1)	74.5	74.5	74.5	CA	WH	---	6 / 2003	--- / ----	MER	OP	NC
NORTHERN STAR GENERATING SERVICES (NSG)																			
VANDOLAH POWER CO.	1	HARDEE	160.7	170.6	---	---	162.7	172.6	160.7	170.6	170.6	GT	NG	DFO	6 / 2002	6 / 2042	MER	OP	C
VANDOLAH POWER CO.	2	HARDEE	160.7	170.6	---	---	162.7	172.6	160.7	170.6	170.6	GT	NG	DFO	6 / 2002	6 / 2042	MER	OP	C
VANDOLAH POWER CO.	3	HARDEE	160.7	170.6	---	---	162.7	172.6	160.7	170.6	170.6	GT	NG	DFO	6 / 2002	6 / 2042	MER	OP	C
VANDOLAH POWER CO.	4	HARDEE	160.7	170.6	---	---	162.7	172.6	160.7	170.6	170.6	GT	NG	DFO	6 / 2002	6 / 2042	MER	OP	C
NRG ENERGY, INC (NRG)																			
OSCEOLA	1	OSCEOLA	---	---	150.0	163.0	155.0	167.0	150.0	163.0	163.0	GT	NG	DFO	12 / 2001	---	IPP/MER	SB	NC (4)
OSCEOLA	2	OSCEOLA	---	---	150.0	163.0	155.0	167.0	150.0	163.0	163.0	GT	NG	DFO	12 / 2001	---	IPP/MER	SB	NC (4)
OSCEOLA	3	OSCEOLA	---	---	150.0	163.0	155.0	167.0	150.0	163.0	163.0	GT	NG	DFO	3 / 2002	---	IPP/MER	SB	NC (4)
SOUTHERN POWER COMPANY (SOU)																			
OLEANDER POWER PROJECT	1	BREVARD	---	---	---	---	163.8	176.6	162.8	175.6	175.6	GT	NG	DFO	6 / 2005	---	MER	OP	NC
OLEANDER POWER PROJECT	2	BREVARD	155.4	166.5	---	---	156.4	167.5	155.4	166.5	166.5	GT	NG	DFO	6 / 2005	---	MER	OP	C
OLEANDER POWER PROJECT	3	BREVARD	155.1	166.3	---	---	156.1	167.3	155.1	166.3	166.3	GT	NG	DFO	6 / 2005	---	MER	OP	C
OLEANDER POWER PROJECT	4	BREVARD	155.7	166.8	---	---	156.7	167.8	155.7	166.8	166.8	GT	NG	DFO	6 / 2005	---	MER	OP	C
OLEANDER POWER PROJECT	5	BREVARD	160.0	182.0	---	---	160.0	183.0	159.8	182	182	GT	NG	DFO	12 / 2007	---	MER	OP	C
STANTON ENERGY CENTER	A	ORANGE	421.0	439.6	---	---	423.8	441.7	421.0	439.6	439.6	CT	NG	DFO	10 / 2003	---	MER	OP	C (5)
TOTALS:			2,855	3,017	696.0	766.0			3,714	3,958									

(1) This is the generator nameplate rating.

(2) For the Osprey Energy Center, firm and uncommitted capacity are plant based and not broken down by unit.

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

(4) 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.

(5) This is a jointly owned unit. Only the amount owned by SOU is shown.

2016
LOAD AND RESOURCE PLAN
FLORIDA RELIABILITY COORDINATING COUNCIL
PLANNED AND PROSPECTIVE MERCHANT GENERATION FACILITIES
IN FLORIDA
January 1, 2016 Through December 31, 2025
ORDERED BY ENTITY

(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)	POTENTIAL EXPORT TO GRID AT TIME OF PEAK				GROSS CAPABILITY		NET CAPABILITY		UNIT TYPE	FUEL TYPE		COMMERCIAL	RETIREMENT	OWNERSHIP	UNIT STATUS	CONTRACT STATUS			
			FIRM		UNCOMMITTED		SUM (MW)	WIN (MW)	SUM (MW)	WIN (MW)		PRI	ALT	IN-SERVICE MO. / YEAR	MO. / YEAR						
			SUM (MW)	WIN (MW)	SUM (MW)	WIN (MW)															
<u>CALPINE EASTERN (CAL)</u>																					
No Activity Reported																					
<u>GENERAL ELECTRIC (GE)</u>																					
SHADY HILLS POWER CO.	4CC	PASCO	---	---	500.0	520.0	---	---	500.0	520.0	CC	NG	DFO	6 / 2021	-- / ---	MER	NS	NC			
<u>SANTA ROSA ENERGY CENTER, LLC (SREC)</u>																					
No Activity Reported																					
<u>NORTHERN STAR GENERATING SERVICES (NSG)</u>																					
No Activity Reported																					
<u>NRG ENERGY, INC (NRG)</u>																					
No Activity Reported																					
<u>SOUTHERN POWER COMPANY (SOU)</u>																					
No Activity Reported																					

2016
LOAD AND RESOURCE PLAN
FLORIDA RELIABILITY COORDINATING COUNCIL
PLANNED AND PROSPECTIVE MERCHANT GENERATION FACILITIES
IN FLORIDA
January 1, 2016 Through December 31, 2025
ORDERED BY IN-SERVICE DATE

(1)	(2)	(3)	(4)	(5) - (8) POTENTIAL EXPORT TO GRID AT TIME OF PEAK				(9) - (10) GROSS CAPABILITY		(11) - (12) NET CAPABILITY		(13)	(14) - (15) FUEL TYPE		(16) COMMERCIAL IN-SERVICE	(17) RETIREMENT	(18) OWNERSHIP	(19) UNIT STATUS	(20) CONTRACT STATUS	
ENTITY	FACILITY NAME	UNIT NO.	LOCATION (COUNTY)	FIRM		UNCOMMITTED		SUM	WIN	SUM	WIN	UNIT TYPE	PRI	ALT	MO. / YEAR	MO. / YEAR				
				SUM (MW)	WIN (MW)	SUM (MW)	WIN (MW)	(MW)	(MW)	(MW)	(MW)									
<u>2016</u>																				
No Activity Reported																				
<u>2017</u>																				
No Activity Reported																				
<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	---	---	500.0	520.0	---	---	500.0	520.0	CC	NG		6 / 2021	-- / ----	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																				
2016 - 2025 TOTALS:				0.0	0.0	500.0	520.0			500.0	520.0									

**2016
LOAD AND RESOURCE PLAN
FLORIDA RELIABILITY COORDINATING COUNCIL
SUMMARY OF MERCHANT FIRM CAPACITY AND ENERGY CONTRACTS
As of January 1, 2016**

(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 2015 (Summer) and Dec 2015 (Winter).
DEF	CAL	10/01/14	12/31/16	580	580	Firm capacity and energy (Osprey)
FMPA	SOU	10/01/03	09/30/23	84	88	SOU Ownership contracted to FMPA (Stanton A)
FMPA	SOU	12/16/07	12/15/22	160	182	Oleander Unit 5
OUC	SOU	10/01/03	09/30/23	337	352	SOU ownership contracted to OUC (Stanton A)
SEC	SOU	01/01/10	05/31/21	155	167	Oleander Unit 2
SEC	SOU	01/01/10	05/31/21	155	166	Oleander Unit 3
SEC	SOU	01/01/10	05/31/21	156	167	Oleander Unit 4
TEC	CAL	11/01/11	12/31/16	117	117	Firm capacity and energy (Auburndale Peaker Energy Center)

**2016
LOAD AND RESOURCE PLAN
FLORIDA RELIABILITY COORDINATING COUNCIL
SUMMARY OF MERCHANT GENERATING FACILITIES
IN THE FRCC REGION**

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
SUMMER				WINTER			
YEAR	FIRM NET TO GRID (MW)	UNCOMMITTED (MW)	NET CAPABILITY (MW)	YEAR	FIRM NET TO GRID (MW)	UNCOMMITTED (MW)	NET CAPABILITY (MW)
2016	2,855.0	696.0	3,713.5	2016/17	2,319.6	1,463.0	3,958.1
2017	2,158.0	1,393.0	3,713.5	2017/18	2,319.6	1,463.0	3,958.1
2018	2,158.0	1,393.0	3,713.5	2018/19	2,319.6	1,463.0	3,958.1
2019	2,158.0	1,393.0	3,713.5	2019/20	2,319.6	1,463.0	3,958.1
2020	2,158.0	1,393.0	3,713.5	2020/21	2,319.6	1,463.0	3,958.1
2021	1,692.0	2,359.0	4,213.5	2021/22	1,820.0	2,482.6	4,478.1
2022	1,692.0	2,359.0	4,213.5	2022/23	1,638.0	2,664.6	4,478.1
2023	1,532.0	2,519.0	4,213.5	2023/24	1,198.0	3,104.6	4,478.1
2024	643.0	3,408.0	4,213.5	2024/25	682.0	3,620.6	4,478.1
2025	643.0	3,408.0	4,213.5	2025/26	682.0	3,620.6	4,478.1

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.