2017
Regional Load & Resource Plan
FRCC-MS-PL-130
Version: 1

3000 Bayport Drive, Suite 600
Tampa, Florida 33607-8410
(813) 289-5644 - Phone
(813) 289-5646 - Fax
www.frcc.com

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FRCC-MS-PL-130	2017 Regional Load & Resource Plan	Version 1

The original signatures are maintained on file.

TITLE	NAME	DATE
Version Author	Ryan Deptula	05/10/2017
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FLORIDA RELIABILITY COORDINATING COUNCIL
2017
REGIONAL LOAD & RESOURCE PLAN
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Introduction
FRCC Regional Load & Resource Plan

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

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

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

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

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

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

FLORIDA RELIABILITY COORDINATING COUNCIL

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REGIONAL LOAD & RESOURCE PLAN

2017
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 (%)
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	45,716				**2015 / 16**	37,881				**2015**	234,434	58.5%
2016	47,671				**2016 / 17**	36,682				**2016**	234,043	56.0%

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 (%)
2017	47,508	474	2,448	44,586	**2017 / 18**	44,836	459	2,383	41,994	**2017**	230,868	55.5%
2018	48,042	503	2,498	45,041	**2018 / 19**	45,350	475	2,413	42,462	**2018**	233,407	55.5%
2019	48,587	520	2,534	45,533	**2019 / 20**	45,769	493	2,441	42,835	**2019**	235,517	55.3%
2020	48,947	540	2,569	45,838	**2020 / 21**	46,270	515	2,470	43,285	**2020**	238,021	55.5%
2021	49,498	562	2,604	46,332	**2021 / 22**	46,659	502	2,498	43,659	**2021**	239,553	55.2%
2022	49,984	556	2,634	46,794	**2022 / 23**	47,096	502	2,528	44,066	**2022**	241,812	55.2%
2023	50,600	550	2,666	47,384	**2023 / 24**	47,535	490	2,556	44,489	**2023**	243,938	55.0%
2024	51,264	537	2,696	48,031	**2024 / 25**	47,933	466	2,586	44,881	**2024**	246,540	54.9%
2025	51,893	511	2,724	48,658	**2025 / 26**	48,356	466	2,615	45,275	**2025**	248,440	54.7%
2026	52,525	511	2,754	49,260	**2026 / 27**	48,801	467	2,645	45,689	**2026**	250,948	54.5%

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

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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, 2017

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
	RURAL & RESIDENTIAL			COMMERCIAL			INDUSTRIAL										
YEAR	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.	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
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	112,373	8,274,599	13,580	82,098	1,022,399	80,299	15,557	22,457	692,746	832	5,736	216,596	0	10,576	12,407	-5,145	234,434
2016	113,095	8,390,275	13,479	82,289	1,035,629	79,458	15,418	22,788	676,584	823	5,700	217,325	0	11,033	11,134	-5,449	234,043
2007-2016																	
% AAGR	0.21%			0.48%			-3.48%										0.06%
2017	111,196	8,533,238	13,031	81,960	1,052,032	77,906	15,431	23,753	649,644	824	5,686	215,097	0	9,588	10,787	-4,604	230,868
2018	112,515	8,667,796	12,981	82,815	1,065,809	77,702	15,666	24,232	646,500	817	5,718	217,531	0	9,122	11,166	-4,412	233,407
2019	113,380	8,802,002	12,881	83,463	1,079,383	77,325	15,918	24,595	647,205	813	5,780	219,354	0	9,027	11,474	-4,338	235,517
2020	114,662	8,933,820	12,835	84,279	1,092,607	77,136	16,201	24,861	651,663	812	5,839	221,793	0	8,981	11,567	-4,320	238,021
2021	115,339	9,063,083	12,726	84,936	1,105,281	76,846	16,305	25,053	650,820	811	5,882	223,273	0	8,508	11,482	-3,710	239,553
2022	116,579	9,191,170	12,684	85,727	1,118,072	76,674	16,264	25,209	645,166	814	5,939	225,323	0	8,109	11,693	-3,313	241,812
2023	117,583	9,318,408	12,618	86,522	1,130,599	76,528	16,353	25,363	644,758	815	5,995	227,268	0	8,225	11,805	-3,360	243,938
2024	118,853	9,444,523	12,584	87,366	1,142,586	76,463	16,372	25,507	641,863	814	6,055	229,460	0	7,888	12,124	-2,932	246,540
2025	120,095	9,568,904	12,551	88,187	1,154,293	76,399	16,320	25,650	636,257	812	6,113	231,527	0	7,994	11,906	-2,987	248,440
2026	121,257	9,691,533	12,512	88,934	1,165,774	76,288	16,388	25,788	635,489	811	6,174	233,564	0	8,105	12,303	-3,024	250,948
2017-2026																	
% AAGR	0.97%			0.91%			0.67%										0.93%

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LOAD AND RESOURCE PLAN
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FRCC Form 5.0

HISTORY AND FORECAST OF SUMMER PEAK DEMAND (MW)
AS OF JANUARY 1, 2017

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
								[(2)+(3)+(4)+(5)+(6)+(7)+(8)]
	SUMMER NET FIRM PEAK	DEMAND REDUCTION				CUMULATIVE CONSERVATION		SUMMER TOTAL
YEAR	DEMAND	INTERRUPTIBLE LOAD	RESIDENTIAL LOAD MANAGEMENT	COMM./IND. LOAD MANAGEMENT	SELF-SERVED GENERATION	RESIDENTIAL	COMM./IND.	DEMAND
2015	45,716	0	71	0	240	2,198	1,338	49,563
2016	47,671	0	75	0	238	2,265	1,372	51,621
2017	44,586	474	1,397	1,051	457	2,319	1,405	51,689
2018	45,041	503	1,428	1,070	419	2,373	1,432	52,266
2019	45,533	520	1,447	1,087	420	2,420	1,459	52,886
2020	45,838	540	1,464	1,105	419	2,463	1,487	53,316
2021	46,332	562	1,480	1,124	419	2,503	1,513	53,933
2022	46,794	556	1,495	1,139	419	2,543	1,538	54,484
2023	47,384	550	1,511	1,155	419	2,580	1,564	55,163
2024	48,031	537	1,525	1,171	419	2,618	1,589	55,890
2025	48,658	511	1,538	1,186	419	2,657	1,614	56,583
2026	49,260	511	1,552	1,202	419	2,695	1,637	57,276
CAAGR (%):	**1.11%**							

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HISTORY AND FORECAST OF WINTER PEAK DEMAND (MW)
AS OF JANUARY 1, 2017

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
								[(2)+(3)+(4)+(5)+(6)+(7)+(8)]
	WINTER NET FIRM PEAK	DEMAND REDUCTION				CUMULATIVE CONSERVATION		WINTER TOTAL
YEAR	DEMAND	INTERRUPTIBLE LOAD	RESIDENTIAL LOAD MANAGEMENT	COMM./IND. LOAD MANAGEMENT	SELF-SERVED GENERATION	RESIDENTIAL	COMM./IND.	DEMAND
2015/16	37,881	0	96	0	221	2,363	688	41,249
2016/17	36,682	0	88	0	251	2,409	703	40,133
2017/18	41,994	459	1,602	781	419	2,461	728	48,444
2018/19	42,462	475	1,622	791	420	2,500	743	49,013
2019/20	42,835	493	1,640	801	419	2,538	757	49,483
2020/21	43,285	515	1,658	812	419	2,574	775	50,038
2021/22	43,659	502	1,676	822	419	2,607	788	50,473
2022/23	44,066	502	1,696	832	419	2,639	806	50,960
2023/24	44,489	490	1,714	842	419	2,673	822	51,449
2024/25	44,881	466	1,733	853	419	2,704	839	51,895
2025/26	45,275	466	1,752	863	419	2,738	856	52,369
2026/27	45,689	467	1,771	874	419	2,768	873	52,861
CAAGR (%):	**0.94%**							

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HISTORY AND FORECAST OF ANNUAL NET ENERGY FOR LOAD (GWH)
AS OF JANUARY 1, 2017

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
								[(2)+(3)+(4)+(5)+(6)+(7)+(8)]
		ENERGY REDUCTION						
YEAR	NET ENERGY FOR LOAD	INTERRUPTIBLE LOAD	RESIDENTIAL LOAD MANAGEMENT	COMM./IND. LOAD MANAGEMENT	SELF-SERVED GENERATION	CUMULATIVE CONSERVATION RESIDENTIAL	CUMULATIVE CONSERVATION COMM./IND.	TOTAL ENERGY FOR LOAD
2015	234,434	0	0	0	1,424	5,169	4,062	245,090
2016	234,043	0	0	0	1,517	5,275	4,162	244,998
2017	230,868	0	0	9	2,470	5,362	4,246	242,956
2018	233,407	0	0	9	2,469	5,444	4,311	245,641
2019	235,517	0	0	9	2,469	5,530	4,374	247,900
2020	238,021	0	0	10	2,470	5,614	4,440	250,556
2021	239,553	0	0	10	2,459	5,697	4,504	252,224
2022	241,812	0	0	10	2,459	5,780	4,570	254,632
2023	243,938	0	0	10	2,459	5,863	4,636	256,907
2024	246,540	0	0	10	2,460	5,945	4,703	259,659
2025	248,440	0	0	10	2,459	6,029	4,773	261,712
2026	250,948	0	0	10	2,459	6,109	4,841	264,368
CAAGR (%):	**0.93%**							

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SUMMARY OF INTERRUPTIBLE LOAD AND LOAD MANAGEMENT (MW)
2017 THROUGH 2026

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	
2017	225	372	78	952	869	106	33	73	0	3	110	101	474	1,397	1,051	2,922
2018	255	378	82	970	881	106	34	75	5	5	108	102	503	1,428	1,070	3,001
2019	272	384	87	977	892	106	34	76	10	6	108	102	520	1,447	1,087	3,054
2020	292	390	91	984	903	106	34	77	13	8	108	103	540	1,464	1,105	3,109
2021	314	396	95	990	915	106	34	78	16	10	108	104	562	1,480	1,124	3,166
2022	316	402	99	996	926	106	39	79	18	10	95	104	556	1,495	1,139	3,190
2023	316	408	103	1,003	937	106	33	80	20	10	95	105	550	1,511	1,155	3,216
2024	303	414	108	1,010	947	106	34	81	20	10	94	106	537	1,525	1,171	3,233
2025	276	420	112	1,016	958	106	34	82	20	10	95	106	511	1,538	1,186	3,235
2026	276	426	116	1,023	969	106	34	83	20	10	95	107	511	1,552	1,202	3,265

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	
2017/18	230	694	78	806	605	106	31	102	0	0	92	98	459	1,602	781	2,842
2018/19	246	706	82	812	610	106	31	104	0	0	92	99	475	1,622	791	2,888
2019/20	264	718	86	817	615	106	31	105	0	0	92	100	493	1,640	801	2,934
2020/21	284	730	91	822	621	106	32	106	0	0	93	100	515	1,658	812	2,985
2021/22	285	742	95	827	626	106	32	107	0	0	79	101	502	1,676	822	3,000
2022/23	285	754	99	833	632	106	31	109	0	0	80	101	502	1,696	832	3,030
2023/24	274	766	103	838	637	106	31	110	0	0	79	102	490	1,714	842	3,046
2024/25	250	778	107	844	643	106	31	111	0	0	79	103	466	1,733	853	3,052
2025/26	250	790	112	849	648	106	31	113	0	0	79	103	466	1,752	863	3,081
2026/27	250	802	116	855	654	106	32	114	0	0	79	104	467	1,771	874	3,112

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FLORIDA RELIABILITY COORDINATING COUNCIL
SUMMARY OF EXISTING CAPACITY
AS OF DECEMBER 31, 2016

	NET CAPABILITY (MW)	
UTILITY	**SUMMER**	**WINTER**
DUKE ENERGY FLORIDA	8,323	9,447
FLORIDA KEYS ELECTRIC COOPERATIVE ASSOCIATION INC	0	0
FLORIDA MUNICIPAL POWER AGENCY	1,283	1,323
FLORIDA POWER & LIGHT COMPANY	26,139	27,828
FORT PIERCE UTILITIES AUTHORITIES	0	0
GAINESVILLE REGIONAL UTILITIES	521	550
HOMESTEAD ENERGY SERVICES	32	32
JEA	3,769	4,110
KEY WEST UTILITY BOARD	37	37
KISSIMMEE UTILITY AUTHORITY	242	253
LAKE WORTH UTILITIES CITY OF	77	80
LAKELAND CITY OF	844	890
NEW SMYRNA BEACH UTILITIES COMMISSION OF	44	48
OCALA UTILITY SERVICES	0	0
ORLANDO UTILITIES COMMISSION	1,482	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)	49,986	53,952
FRCC EXISTING CAPACITY (SUMMER 17, WINTER 17/18)	50,814	53,580
FIRM NON-UTILITY PURCHASES (DECEMBER 31)	4,156	4,446
FIRM NON-UTILITY PURCHASES (SUMMER 17, WINTER 17/18)	3,881	4,154
TOTAL FRCC EXISTING (DECEMBER 31)	**54,142**	**58,398**
TOTAL FRCC EXISTING (SUMMER 17, WINTER 17/18)	**54,695**	**57,734**

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EXISTING GENERATING FACILITIES AS OF DECEMBER 31, 2016

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
				PRIMARY FUEL		ALTERNATE FUEL		ALT. FUEL STORAGE	COMMERCIAL	EXPECTED	GROSS CAPABILITY		NET CAPABILITY		
PLANT NAME	UNIT NO.	LOCATION	UNIT TYPE	FUEL TYPE	TRANSP. METHOD	FUEL TYPE	TRANSP. METHOD	(DAYS BURN)	IN-SERVICE MO. / YEAR	RETIREMENT MO. / YEAR	SUMMER (MW)	WINTER (MW)	SUMMER (MW)	WINTER (MW)	STATUS
DUKE ENERGY FLORIDA															
ANCLOTE	1	PASCO	ST	NG	PL	---	---	0	10 / 1974	--- / ------	522.0	538.0	508.0	524.0	OP
ANCLOTE	2	PASCO	ST	NG	PL	---	---	0	10 / 1978	--- / ------	520.0	538.0	505.0	524.0	OP
AVON PARK	P1	HIGHLANDS	GT	NG	PL	DFO	TK	3	12 / 1968	6 / 2020	24.0	25.0	24.0	25.0	OP
AVON PARK	P2	HIGHLANDS	GT	DFO	TK	---	---	0	12 / 1968	6 / 2020	24.0	25.0	24.0	25.0	OP
BAYBORO	P1	PINELLAS	GT	DFO	WA	---	---	0	4 / 1973	--- / ------	44.0	56.0	44.0	56.0	OP
BAYBORO	P2	PINELLAS	GT	DFO	WA	---	---	0	4 / 1973	--- / ------	41.0	52.0	41.0	52.0	OP
BAYBORO	P3	PINELLAS	GT	DFO	WA	---	---	0	4 / 1973	--- / ------	43.0	55.0	43.0	55.0	OP
BAYBORO	P4	PINELLAS	GT	DFO	WA	---	---	0	4 / 1973	--- / ------	43.0	54.0	43.0	54.0	OP
CRYSTAL RIVER	1	CITRUS	ST	BIT	RR	BIT	WA	0	10 / 1966	4 / 2018	348.0	358.0	324.0	332.0	OP
CRYSTAL RIVER	2	CITRUS	ST	BIT	RR	BIT	WA	0	11 / 1969	4 / 2018	462.0	469.0	442.0	448.0	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	P2	VOLUSIA	GT	DFO	TK	---	---	0	3 / 1976	--- / ------	48.0	64.0	48.0	64.0	OP
DEBARY	P3	VOLUSIA	GT	DFO	TK	---	---	0	12 / 1975	--- / ------	50.0	63.0	50.0	63.0	OP
DEBARY	P4	VOLUSIA	GT	DFO	TK	---	---	0	4 / 1976	--- / ------	50.0	63.0	50.0	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	--- / ------	51.0	67.0	51.0	63.0	OP
DEBARY	P7	VOLUSIA	GT	NG	PL	DFO	TK	8	10 / 1992	--- / ------	79.0	97.0	79.0	97.0	OP
DEBARY	P8	VOLUSIA	GT	NG	PL	DFO	TK	0	10 / 1992	--- / ------	78.0	96.0	78.0	96.0	OP
DEBARY	P9	VOLUSIA	GT	NG	PL	DFO	TK	0	10 / 1992	--- / ------	80.0	97.0	80.0	97.0	OP
DEBARY	P10	VOLUSIA	GT	DFO	TK	---	---	0	10 / 1992	--- / ------	75.0	95.0	75.0	95.0	OP
HIGGINS	P1	PINELLAS	GT	NG	PL	---	---	0	3 / 1969	6 / 2020	20.0	25.0	20.0	25.0	EO
HIGGINS	P2	PINELLAS	GT	NG	PL	---	---	0	4 / 1969	6 / 2020	25.0	25.0	25.0	25.0	EO
HIGGINS	P3	PINELLAS	GT	NG	PL	---	---	0	12 / 1970	6 / 2020	31.0	36.0	31.0	36.0	EO
HIGGINS	P4	PINELLAS	GT	NG	PL	DFO	TK	0	1 / 1971	6 / 2020	31.0	35.0	31.0	35.0	EO
HINES ENERGY COMPLEX	1GT1	POLK	CT	NG	PL	DFO	TK	0	4 / 1999	--- / ------	143.0	174.0	142.0	174.0	OP
HINES ENERGY COMPLEX	1GT2	POLK	CT	NG	PL	DFO	TK	0	4 / 1999	--- / ------	146.0	174.0	145.0	174.0	OP
HINES ENERGY COMPLEX	1ST	POLK	CA	WH	NA	DFO	TK	0	4 / 1999	--- / ------	162.0	186.0	158.0	180.0	OP
HINES ENERGY COMPLEX	2GT1	POLK	CT	NG	PL	DFO	TK	0	12 / 2003	--- / ------	151.0	186.0	151.0	186.0	OP
HINES ENERGY COMPLEX	2GT2	POLK	CT	NG	PL	DFO	TK	0	12 / 2003	--- / ------	151.0	186.0	151.0	186.0	OP
HINES ENERGY COMPLEX	2ST	POLK	CA	WH	NA	DFO	TK	0	12 / 2003	--- / ------	180.0	197.0	175.0	191.0	OP
HINES ENERGY COMPLEX	3GT1	POLK	CT	NG	PL	DFO	TK	0	11 / 2005	--- / ------	150.0	186.0	150.0	186.0	OP

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(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
				PRIMARY FUEL		ALTERNATE FUEL		ALT. FUEL STORAGE	COMMERCIAL	EXPECTED	GROSS CAPABILITY		NET CAPABILITY		
PLANT NAME	UNIT NO.	LOCATION	UNIT TYPE	FUEL TYPE	TRANSP. METHOD	FUEL TYPE	TRANSP. METHOD	(DAYS BURN)	IN-SERVICE MO. / YEAR	RETIREMENT MO. / YEAR	SUMMER (MW)	WINTER (MW)	SUMMER (MW)	WINTER (MW)	STATUS
DUKE ENERGY FLORIDA (cont.)															
HINES ENERGY COMPLEX	3GT2	POLK	CT	NG	PL	DFO	TK	0	11 / 2005	--- / ------	151.0	186.0	151.0	186.0	OP
HINES ENERGY COMPLEX	3ST	POLK	CA	WH	NA	DFO	TK	0	11 / 2005	--- / ------	177.0	198.0	170.0	192.0	OP
HINES ENERGY COMPLEX	4GT1	POLK	CT	NG	PL	DFO	TK	0	12 / 2007	--- / ------	146.0	182.0	146.0	182.0	OP
HINES ENERGY COMPLEX	4GT2	POLK	CT	NG	PL	DFO	TK	0	12 / 2007	--- / ------	148.0	182.0	148.0	182.0	OP
HINES ENERGY COMPLEX	4ST	POLK	CA	WH	NA	DFO	TK	0	12 / 2007	--- / ------	168.0	188.0	160.0	180.0	OP
INTERCESSION CITY	P1	OSCEOLA	GT	DFO	PL	---	---	0	5 / 1974	--- / ------	47.0	63.0	47.0	63.0	OP
INTERCESSION CITY	P2	OSCEOLA	GT	DFO	PL	---	---	0	5 / 1974	--- / ------	46.0	61.0	46.0	61.0	OP
INTERCESSION CITY	P3	OSCEOLA	GT	DFO	PL	---	---	0	5 / 1974	--- / ------	46.0	63.0	46.0	63.0	OP
INTERCESSION CITY	P4	OSCEOLA	GT	DFO	PL	---	---	0	5 / 1974	--- / ------	46.0	62.0	46.0	62.0	OP
INTERCESSION CITY	P5	OSCEOLA	GT	DFO	PL	---	---	0	5 / 1974	--- / ------	45.0	61.0	45.0	61.0	OP
INTERCESSION CITY	P6	OSCEOLA	GT	DFO	PL	---	---	0	5 / 1974	--- / ------	47.0	62.0	47.0	62.0	OP
INTERCESSION CITY	P7	OSCEOLA	GT	NG	PL	DFO	PL	5	10 / 1993	--- / ------	78.0	94.0	78.0	94.0	OP
INTERCESSION CITY	P8	OSCEOLA	GT	NG	PL	DFO	PL	0	10 / 1993	--- / ------	79.0	95.0	79.0	95.0	OP
INTERCESSION CITY	P9	OSCEOLA	GT	NG	PL	DFO	PL	0	10 / 1993	--- / ------	79.0	95.0	79.0	95.0	OP
INTERCESSION CITY	P10	OSCEOLA	GT	NG	PL	DFO	PL	0	10 / 1993	--- / ------	78.0	95.0	78.0	95.0	OP
INTERCESSION CITY	P11	OSCEOLA	GT	DFO	PL	---	---	0	1 / 1997	--- / ------	141.0	161.0	0.0	161.0	OP
INTERCESSION CITY	P12	OSCEOLA	GT	NG	PL	DFO	PL	5	12 / 2000	--- / ------	73.0	92.0	73.0	92.0	OP
INTERCESSION CITY	P13	OSCEOLA	GT	NG	PL	DFO	PL	0	12 / 2000	--- / ------	75.0	92.0	75.0	92.0	OP
INTERCESSION CITY	P14	OSCEOLA	GT	NG	PL	DFO	PL	0	12 / 2000	--- / ------	72.0	95.0	72.0	92.0	OP
P. L. BARTOW	4AGT	PINELLAS	CT	NG	PL	DFO	TK	0	6 / 2009	--- / ------	184.0	184.0	183.0	183.0	OP
P. L. BARTOW	4BGT	PINELLAS	CT	NG	PL	DFO	TK	0	6 / 2009	--- / ------	181.0	181.0	180.0	180.0	OP
P. L. BARTOW	4CGT	PINELLAS	CT	NG	PL	DFO	TK	0	6 / 2009	--- / ------	188.0	188.0	187.0	187.0	OP
P. L. BARTOW	4DGT	PINELLAS	CT	NG	PL	DFO	TK	0	6 / 2009	--- / ------	185.0	185.0	184.0	184.0	OP
P. L. BARTOW	4ST	PINELLAS	CA	WH	NA	DFO	TK	0	6 / 2009	--- / ------	402.0	402.0	386.0	386.0	OP
P. L. BARTOW	P1	PINELLAS	GT	DFO	WA	---	---	0	5 / 1972	--- / ------	41.0	52.0	41.0	52.0	OP
P. L. BARTOW	P2	PINELLAS	GT	NG	PL	DFO	WA	8	6 / 1972	--- / ------	41.0	57.0	41.0	57.0	OP
P. L. BARTOW	P3	PINELLAS	GT	DFO	WA	---	---	0	6 / 1972	--- / ------	41.0	53.0	41.0	53.0	OP
P. L. BARTOW	P4	PINELLAS	GT	NG	PL	DFO	WA	8	6 / 1972	--- / ------	45.0	61.0	45.0	61.0	OP
SUWANNEE RIVER	P1	SUWANNEE	GT	NG	PL	DFO	TK	9	10 / 1980	--- / ------	49.0	67.0	49.0	67.0	OP
SUWANNEE RIVER	P2	SUWANNEE	GT	DFO	TK	---	---	0	10 / 1980	--- / ------	50.0	66.0	50.0	66.0	OP
SUWANNEE RIVER	P3	SUWANNEE	GT	NG	PL	DFO	TK	0	11 / 1980	--- / ------	50.0	67.0	50.0	67.0	OP

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(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
				PRIMARY FUEL		ALTERNATE FUEL		ALT. FUEL STORAGE			GROSS CAPABILITY		NET CAPABILITY		
PLANT NAME	UNIT NO.	LOCATION	UNIT TYPE	FUEL TYPE	TRANSP. METHOD	FUEL TYPE	TRANSP. METHOD	(DAYS BURN)	COMMERCIAL IN-SERVICE MO. / YEAR	EXPECTED RETIREMENT MO. / YEAR	SUMMER (MW)	WINTER (MW)	SUMMER (MW)	WINTER (MW)	STATUS
DUKE ENERGY FLORIDA (cont.)															
TIGER BAY	1GT	POLK	CT	NG	PL	---	---	0	8 / 1997	--- / ------	130.0	160.0	130.0	160.0	OP
TIGER BAY	1ST	POLK	CA	WH	NA	---	---	0	8 / 1997	--- / ------	73.0	74.0	70.0	71.0	OP
UNIVERSITY OF FLORIDA	P1	ALACHUA	GT	NG	PL	---	---	0	1 / 1994	--- / ------	48.0	49.0	47.0	48.0	OP
										DEF TOTAL (Excluding Solar):			**8,323.0**	**9,447.0**	
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	DFO	---	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	DFO	---	0	1 / 2002	--- / ------	47.5	48.5	45.0	46.0	OP
CANE ISLAND	4CT	OSCEOLA	CT	NG	PL	---	---	0	7 / 2011	--- / ------	154.0	159.0	150.0	155.0	OP
CANE ISLAND	4CW	OSCEOLA	CA	WH	NA	---	---	0	7 / 2011	--- / ------	153.0	158.0	150.0	155.0	OP
INDIAN RIVER *	A	BREVARD	GT	NG	PL	DFO	TK	0	7 / 1989	--- / ------	14.2	18.0	12.2	14.1	OP
INDIAN RIVER *	B	BREVARD	GT	NG	PL	DFO	TK	0	7 / 1989	--- / ------	14.2	18.0	12.2	14.1	OP
INDIAN RIVER *	C	BREVARD	GT	NG	PL	DFO	TK	0	8 / 1992	--- / ------	22.3	26.2	21.6	23.0	OP
INDIAN RIVER *	D	BREVARD	GT	NG	PL	DFO	TK	0	8 / 1992	--- / ------	22.3	26.2	21.6	23.0	OP
ST. LUCIE *	2	ST. LUCIE	ST	NUC	TK	---	---	0	6 / 1983	--- / ------	86.2	89.6	86.2	89.6	OP

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(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
				PRIMARY FUEL		ALTERNATE FUEL		ALT. FUEL STORAGE	COMMERCIAL	EXPECTED	GROSS CAPABILITY		NET CAPABILITY		
PLANT NAME	UNIT NO.	LOCATION	UNIT TYPE	FUEL TYPE	TRANSP. METHOD	FUEL TYPE	TRANSP. METHOD	(DAYS BURN)	IN-SERVICE MO. / YEAR	RETIREMENT MO. / YEAR	SUMMER (MW)	WINTER (MW)	SUMMER (MW)	WINTER (MW)	STATUS
FLORIDA MUNICIPAL POWER AGENCY (cont.)															
STANTON *	1	ORANGE	ST	BIT	RR	---	---	0	7 / 1987	--- / ------	114.8	114.8	114.8	114.8	OP
STANTON *	2	ORANGE	ST	BIT	RR	---	---	0	6 / 1996	--- / ------	125.9	125.9	125.1	125.1	OP
STANTON A *	CT	ORANGE	CT	NG	PL	DFO	TK	3	10 / 2003	--- / ------	11.3	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	--- / ------	154.0	159.0	150.0	155.0	OP
TREASURE COAST ENERGY CTR	1	ST. LUCIE	CA	WH	NA	DFO	RR	0	6 / 2008	--- / ------	153.0	158.0	150.0	155.0	OP
											FMPA TOTAL:		**1,283.0**	**1,322.8**	
FLORIDA POWER & LIGHT COMPANY															
CAPE CANAVERAL	3A	BREVARD	CT	NG	PL	DFO	TK	4	4 / 2013	--- / ------	246.3	288.6	246.3	288.6	OP
CAPE CANAVERAL	3B	BREVARD	CT	NG	PL	DFO	TK	4	4 / 2013	--- / ------	246.3	288.6	246.3	288.6	OP
CAPE CANAVERAL	3C	BREVARD	CT	NG	PL	DFO	TK	4	4 / 2013	--- / ------	246.3	288.6	246.3	288.6	OP
CAPE CANAVERAL	3ST	BREVARD	ST	NG	PL	DFO	TK	4	4 / 2013	--- / ------	488.1	521.2	471.1	504.2	OP
CEDAR BAY	1	DUVAL	ST	BIT	RR	---	---	0	1 / 1994	1 / 2017	250.0	250.0	250.0	250.0	OP
FT. MYERS	1	LEE	GT	DFO	WA	---	---	0	5 / 1974	--- / ------	54.2	61.7	54.0	61.5	OP
FT. MYERS	9	LEE	GT	DFO	WA	---	---	0	5 / 1974	--- / ------	54.2	61.7	54.0	61.5	OP
FT. MYERS	2CTA	LEE	CT	NG	PL	---	---	0	6 / 2002	--- / ------	179.4	200.0	179.4	200.0	OP
FT. MYERS	2CTB	LEE	CT	NG	PL	---	---	0	6 / 2002	--- / ------	179.4	200.0	179.4	200.0	OP
FT. MYERS	2CTC	LEE	CT	NG	PL	---	---	0	6 / 2002	--- / ------	179.4	200.0	179.4	200.0	OP
FT. MYERS	2CTD	LEE	CT	NG	PL	---	---	0	6 / 2002	--- / ------	179.4	200.0	179.4	200.0	OP
FT. MYERS	2CTE	LEE	CT	NG	PL	---	---	0	6 / 2002	--- / ------	179.4	200.0	179.4	200.0	OP
FT. MYERS	2CTF	LEE	CT	NG	PL	---	---	0	6 / 2002	--- / ------	179.4	200.0	179.4	200.0	OP
FT. MYERS	2ST1	LEE	CA	WH	NA	---	---	0	6 / 2002	--- / ------	60.0	68.0	60.0	68.0	OP
FT. MYERS	2ST2	LEE	CA	WH	NA	---	---	0	6 / 2002	--- / ------	409.6	456.0	387.6	434.0	OP
FT. MYERS	3CTA	LEE	CT	NG	PL	DFO	TK	7	6 / 2001	--- / ------	182.6	200.6	182.0	200.0	OP
FT. MYERS	3CTB	LEE	CT	NG	PL	DFO	TK	7	6 / 2001	--- / ------	182.6	200.6	182.0	200.0	OP
FT. MYERS	3CTC	LEE	CT	NG	PL	DFO	TK	7	12 / 2016	--- / ------	211.6	222.6	211.0	222.0	OP
FT. MYERS	3CTD	LEE	CT	NG	PL	DFO	TK	7	12 / 2016	--- / ------	211.6	222.6	211.0	222.0	OP

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(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
				PRIMARY FUEL		ALTERNATE FUEL		ALT. FUEL STORAGE	COMMERCIAL	EXPECTED	GROSS CAPABILITY		NET CAPABILITY		
PLANT NAME	UNIT NO.	LOCATION	UNIT TYPE	FUEL TYPE	TRANSP. METHOD	FUEL TYPE	TRANSP. METHOD	(DAYS BURN)	IN-SERVICE MO. / YEAR	RETIREMENT MO. / YEAR	SUMMER (MW)	WINTER (MW)	SUMMER (MW)	WINTER (MW)	STATUS
FLORIDA POWER & LIGHT COMPANY (cont.)															
LAUDERDALE	3	BROWARD	GT	NG	PL	DFO	TK	3	8 / 1970	--- / ------	34.4	37.3	34.3	37.2	OP
LAUDERDALE	5	BROWARD	GT	NG	PL	DFO	TK	3	8 / 1970	--- / ------	34.4	37.3	34.3	37.2	OP
LAUDERDALE	4GT1	BROWARD	CT	NG	PL	DFO	TK	2	5 / 1993	12 / 2018	156.0	172.1	156.0	172.1	OP
LAUDERDALE	4GT2	BROWARD	CT	NG	PL	DFO	TK	2	5 / 1993	12 / 2018	156.0	172.1	156.0	172.1	OP
LAUDERDALE	4ST	BROWARD	CA	NG	PL	DFO	TK	2	10 / 1957	12 / 2018	135.0	148.8	130.0	143.8	OP
LAUDERDALE	5GT1	BROWARD	CT	NG	PL	DFO	TK	2	6 / 1993	12 / 2018	156.0	172.1	156.0	172.1	OP
LAUDERDALE	5GT2	BROWARD	CT	NG	PL	DFO	TK	2	6 / 1993	12 / 2018	156.0	172.1	156.0	172.1	OP
LAUDERDALE	5ST	BROWARD	CA	NG	PL	DFO	TK	2	4 / 1958	12 / 2018	135.0	148.8	130.0	143.8	OP
LAUDERDALE	6CTA	BROWARD	CT	NG	PL	DFO	TK	2	12 / 2016	--- / ------	211.6	222.6	211.0	222.0	OP
LAUDERDALE	6CTB	BROWARD	CT	NG	PL	DFO	TK	2	12 / 2016	--- / ------	211.6	222.6	211.0	222.0	OP
LAUDERDALE	6CTC	BROWARD	CT	NG	PL	DFO	TK	2	12 / 2016	--- / ------	211.6	222.6	211.0	222.0	OP
LAUDERDALE	6CTD	BROWARD	CT	NG	PL	DFO	TK	2	12 / 2016	--- / ------	211.6	222.6	211.0	222.0	OP
LAUDERDALE	6CTE	BROWARD	CT	NG	PL	DFO	TK	2	12 / 2016	--- / ------	211.6	222.6	211.0	222.0	OP
MANATEE	1	MANATEE	ST	NG	PL	RFO	WA	21	10 / 1976	--- / ------	841.0	851.6	809.0	819.0	OP
MANATEE	2	MANATEE	ST	NG	PL	RFO	WA	21	12 / 1977	--- / ------	841.0	851.6	809.0	819.0	OP
MANATEE	3CTA	MANATEE	CT	NG	PL	---	---	0	6 / 2005	--- / ------	164.0	190.1	164.0	190.1	OP
MANATEE	3CTB	MANATEE	CT	NG	PL	---	---	0	6 / 2005	--- / ------	164.0	190.1	164.0	190.1	OP
MANATEE	3CTC	MANATEE	CT	NG	PL	---	---	0	6 / 2005	--- / ------	164.0	190.1	164.0	190.1	OP
MANATEE	3CTD	MANATEE	CT	NG	PL	---	---	0	6 / 2005	--- / ------	164.0	190.1	164.0	190.1	OP
MANATEE	3ST	MANATEE	CA	NG	PL	---	---	0	6 / 2005	--- / ------	503.0	504.6	485.0	486.6	OP
MARTIN	1	MARTIN	ST	NG	PL	RFO	WA	21	12 / 1980	--- / ------	855.8	862.2	823.0	829.0	OP
MARTIN	2	MARTIN	ST	NG	PL	RFO	WA	21	6 / 1981	--- / ------	834.6	841.0	803.0	809.0	OP
MARTIN	3GT1	MARTIN	CT	NG	PL	---	---	0	2 / 1994	--- / ------	151.8	185.0	151.8	185.0	OP
MARTIN	3GT2	MARTIN	CT	NG	PL	---	---	0	2 / 1994	--- / ------	151.8	185.0	151.8	185.0	OP
MARTIN	3ST	MARTIN	CA	NG	PL	---	---	0	2 / 1994	--- / ------	189.4	169.0	183.4	163.0	OP
MARTIN	4GT1	MARTIN	CT	NG	PL	---	---	0	4 / 1994	--- / ------	148.6	173.0	148.6	173.0	OP
MARTIN	4GT2	MARTIN	CT	NG	PL	---	---	0	4 / 1994	--- / ------	151.8	185.0	151.8	185.0	OP
MARTIN	4ST	MARTIN	CA	NG	PL	---	---	0	4 / 1994	--- / ------	183.6	162.0	177.6	156.0	OP
MARTIN	8CTA	MARTIN	CT	NG	PL	DFO	TK	3	6 / 2005	--- / ------	164.0	173.2	164.0	173.2	OP
MARTIN	8CTB	MARTIN	CT	NG	PL	DFO	TK	3	6 / 2005	--- / ------	164.0	173.2	164.0	173.2	OP
MARTIN	8CTC	MARTIN	CT	NG	PL	DFO	TK	3	6 / 2005	--- / ------	176.8	203.0	176.8	203.0	OP
MARTIN	8CTD	MARTIN	CT	NG	PL	DFO	TK	3	6 / 2005	--- / ------	176.8	203.0	176.8	203.0	OP
MARTIN	8ST	MARTIN	CA	NG	PL	DFO	TK	0	6 / 2005	--- / ------	470.4	507.6	447.4	484.6	OP

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(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
				PRIMARY FUEL		ALTERNATE FUEL		ALT. FUEL STORAGE	COMMERCIAL	EXPECTED	GROSS CAPABILITY		NET CAPABILITY		
PLANT NAME	UNIT NO.	LOCATION	UNIT TYPE	FUEL TYPE	TRANSP. METHOD	FUEL TYPE	TRANSP. METHOD	(DAYS BURN)	IN-SERVICE MO. / YEAR	RETIREMENT MO. / YEAR	SUMMER (MW)	WINTER (MW)	SUMMER (MW)	WINTER (MW)	STATUS
FLORIDA POWER & LIGHT COMPANY (cont.)															
PORT EVERGLADES	5A	BROWARD	CT	NG	PL	DFO	TK	5	4 / 2016	--- / ------	271.9	297.1	271.9	297.1	OP
PORT EVERGLADES	5B	BROWARD	CT	NG	PL	DFO	TK	5	4 / 2016	--- / ------	271.9	297.1	271.9	297.1	OP
PORT EVERGLADES	5C	BROWARD	CT	NG	PL	DFO	TK	5	4 / 2016	--- / ------	271.9	297.1	271.9	297.1	OP
PORT EVERGLADES	5ST	BROWARD	CA	NG	PL	DFO	TK	5	4 / 2016	--- / ------	438.3	463.7	421.3	446.7	OP
RIVIERA	5A	PALM BEACH	CT	NG	PL	DFO	TK	4	6 / 2014	--- / ------	246.3	287.0	246.3	287.0	OP
RIVIERA	5B	PALM BEACH	CT	NG	PL	DFO	TK	4	6 / 2014	--- / ------	246.3	287.0	246.3	287.0	OP
RIVIERA	5C	PALM BEACH	CT	NG	PL	DFO	TK	4	6 / 2014	--- / ------	246.3	287.0	246.3	287.0	OP
RIVIERA	5ST	PALM BEACH	CA	NG	PL	DFO	TK	4	6 / 2014	--- / ------	490.1	506.0	473.1	489.0	OP
SANFORD	4CTA	VOLUSIA	CT	NG	PL	---	---	0	10 / 2003	--- / ------	164.0	190.1	164.0	190.1	OP
SANFORD	4CTB	VOLUSIA	CT	NG	PL	---	---	0	10 / 2003	--- / ------	164.0	190.1	164.0	190.1	OP
SANFORD	4CTC	VOLUSIA	CT	NG	PL	---	---	0	10 / 2003	--- / ------	164.0	190.1	164.0	190.1	OP
SANFORD	4CTD	VOLUSIA	CT	NG	PL	---	---	0	10 / 2003	--- / ------	164.0	190.1	164.0	190.1	OP
SANFORD	4ST	VOLUSIA	CA	NG	PL	---	---	0	10 / 2003	--- / ------	362.0	349.1	349.0	336.6	OP
SANFORD	5CTA	VOLUSIA	CT	NG	PL	---	---	0	6 / 2002	--- / ------	164.0	190.1	164.0	190.1	OP
SANFORD	5CTB	VOLUSIA	CT	NG	PL	---	---	0	6 / 2002	--- / ------	164.0	190.1	164.0	190.1	OP
SANFORD	5CTC	VOLUSIA	CT	NG	PL	---	---	0	6 / 2002	--- / ------	164.0	190.1	164.0	190.1	OP
SANFORD	5CTD	VOLUSIA	CT	NG	PL	---	---	0	6 / 2002	--- / ------	164.0	190.1	164.0	190.1	OP
SANFORD	5ST	VOLUSIA	CA	NG	PL	---	---	0	6 / 2002	--- / ------	362.0	349.1	349.0	336.6	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	--- / ------	1,032.0	1,072.0	981.0	1,003.0	OP
ST. LUCIE *	2	ST. LUCIE	ST	NUC	TK	---	---	0	6 / 1983	--- / ------	843.0	862.0	840.0	860.0	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	OP
TURKEY POINT	5CTA	DADE	CT	NG	PL	DFO	TK	3	5 / 2007	--- / ------	164.0	190.1	164.0	190.1	OP
TURKEY POINT	5CTB	DADE	CT	NG	PL	DFO	TK	3	5 / 2007	--- / ------	164.0	190.1	164.0	190.1	OP
TURKEY POINT	5CTC	DADE	CT	NG	PL	DFO	TK	3	5 / 2007	--- / ------	164.0	190.1	164.0	190.1	OP
TURKEY POINT	5CTD	DADE	CT	NG	PL	DFO	TK	3	5 / 2007	--- / ------	164.0	190.1	164.0	190.1	OP
TURKEY POINT	5ST	DADE	CA	NG	PL	DFO	TK	3	5 / 2007	--- / ------	556.0	501.6	531.0	476.6	OP

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(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
				PRIMARY FUEL		ALTERNATE FUEL		ALT. FUEL STORAGE	COMMERCIAL	EXPECTED	GROSS CAPABILITY		NET CAPABILITY		
PLANT NAME	UNIT NO.	LOCATION	UNIT TYPE	FUEL TYPE	TRANSP. METHOD	FUEL TYPE	TRANSP. METHOD	(DAYS BURN)	IN-SERVICE MO. / YEAR	RETIREMENT MO. / YEAR	SUMMER (MW)	WINTER (MW)	SUMMER (MW)	WINTER (MW)	STATUS
FLORIDA POWER & LIGHT COMPANY (cont.)															
WEST COUNTY	3GT1	PALM BEACH	CT	NG	PL	DFO	TK	2	6 / 2011	--- / ------	243.0	270.4	243.0	270.4	OP
WEST COUNTY	3GT2	PALM BEACH	CT	NG	PL	DFO	TK	2	6 / 2011	--- / ------	243.0	270.4	243.0	270.4	OP
WEST COUNTY	3GT3	PALM BEACH	CT	NG	PL	DFO	TK	2	6 / 2011	--- / ------	243.0	270.4	243.0	270.4	OP
WEST COUNTY	3ST	PALM BEACH	CA	NG	PL	DFO	TK	2	6 / 2011	--- / ------	512.0	546.8	490.0	524.8	OP
WEST COUNTY	CT1A	PALM BEACH	CT	NG	PL	DFO	TK	2	8 / 2009	--- / ------	243.0	270.4	243.0	270.4	OP
WEST COUNTY	CT1B	PALM BEACH	CT	NG	PL	DFO	TK	0	8 / 2009	--- / ------	243.0	270.4	243.0	270.4	OP
WEST COUNTY	CT1C	PALM BEACH	CT	NG	PL	DFO	TK	2	8 / 2009	--- / ------	243.0	270.4	243.0	270.4	OP
WEST COUNTY	ST1	PALM BEACH	CA	NG	PL	DFO	TK	2	8 / 2009	--- / ------	512.0	546.8	490.0	524.8	OP
WEST COUNTY	CT2A	PALM BEACH	CT	NG	PL	DFO	TK	2	11 / 2009	--- / ------	243.0	270.4	243.0	270.4	OP
WEST COUNTY	CT2B	PALM BEACH	CT	NG	PL	DFO	TK	2	11 / 2009	--- / ------	243.0	270.4	243.0	270.4	OP
WEST COUNTY	CT2C	PALM BEACH	CT	NG	PL	DFO	TK	2	11 / 2009	--- / ------	243.0	270.4	243.0	270.4	OP
WEST COUNTY	ST2	PALM BEACH	CA	NG	PL	DFO	TK	2	11 / 2009	--- / ------	512.0	546.8	490.0	524.8	OP
										FPL TOTAL (Excluding Solar):			**26,008.6**	**27,828.4**	
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	--- / ------	251.0	251.0	228.0	228.0	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	--- / ------	71.5	82.0	71.0	81.0	OP
J. R. KELLY	FS08	ALACHUA	CA	WH	NA	---	---	0	5 / 2001	--- / ------	37.5	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:		**520.5**	**549.5**	

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(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
				PRIMARY FUEL		ALTERNATE FUEL		ALT. FUEL STORAGE	COMMERCIAL	EXPECTED	GROSS CAPABILITY		NET CAPABILITY		
PLANT NAME	UNIT NO.	LOCATION	UNIT TYPE	FUEL TYPE	TRANSP. METHOD	FUEL TYPE	TRANSP. METHOD	(DAYS BURN)	IN-SERVICE MO. / YEAR	RETIREMENT MO. / YEAR	SUMMER (MW)	WINTER (MW)	SUMMER (MW)	WINTER (MW)	STATUS
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	--- / ------	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**	

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(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
				PRIMARY FUEL		ALTERNATE FUEL		ALT. FUEL STORAGE	COMMERCIAL	EXPECTED	GROSS CAPABILITY		NET CAPABILITY		
PLANT NAME	UNIT NO.	LOCATION	UNIT TYPE	FUEL TYPE	TRANSP. METHOD	FUEL TYPE	TRANSP. METHOD	(DAYS BURN)	IN-SERVICE MO. / YEAR	RETIREMENT MO. / YEAR	SUMMER (MW)	WINTER (MW)	SUMMER (MW)	WINTER (MW)	STATUS
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	--- / ------	19.8	19.8	18.5	18.5	OP
STOCK ISLAND MSD	MSD1	MONROE	IC	DFO	WA	---	---	0	6 / 1991	--- / ------	8.8	8.8	8.0	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:			**36.5**	**36.5**	
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	DFO	---	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	DFO	---	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	3.8	4.4	OP
INDIAN RIVER *	B	BREVARD	GT	NG	PL	DFO	TK	0	7 / 1989	--- / ------	4.4	5.6	3.8	4.4	OP
STANTON *	1	ORANGE	ST	BIT	RR	---	---	0	7 / 1987	--- / ------	20.8	20.8	20.8	20.8	OP
STANTON A *	CT	ORANGE	CT	NG	PL	DFO	TK	3	10 / 2003	--- / ------	11.3	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:			**241.7**	**252.7**	
LAKELAND CITY OF															
LARSEN	2	POLK	GT	NG	PL	DFO	TK	16	11 / 1962	--- / ------	10.0	14.0	10.0	14.0	OP
LARSEN	3	POLK	GT	NG	PL	DFO	TK	16	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	PL	DFO	TK	3	4 / 1956	--- / ------	29.0	31.0	29.0	31.0	OP
MCINTOSH	2	POLK	ST	NG	PL	RFO	TK	14	6 / 1976	--- / ------	114.0	114.0	106.0	106.0	OP
MCINTOSH *	3	POLK	ST	BIT	RR	---	TK	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
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	0	5 / 1973	--- / ------	17.0	19.0	16.0	19.0	OP

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(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
				PRIMARY FUEL		ALTERNATE FUEL		ALT. FUEL STORAGE	COMMERCIAL	EXPECTED	GROSS CAPABILITY		NET CAPABILITY		
PLANT NAME	UNIT NO.	LOCATION	UNIT TYPE	FUEL TYPE	TRANSP. METHOD	FUEL TYPE	TRANSP. METHOD	(DAYS BURN)	IN-SERVICE MO. / YEAR	RETIREMENT MO. / YEAR	SUMMER (MW)	WINTER (MW)	SUMMER (MW)	WINTER (MW)	STATUS
LAKELAND CITY OF (cont.)															
WINSTON	1-5	POLK	IC	DFO	TK	---	---	0	12 / 2001	--- / ------	12.5	12.5	12.5	12.5	OP
WINSTON	6-10	POLK	IC	DFO	TK	---	---	0	12 / 2001	--- / ------	12.5	12.5	12.5	12.5	OP
WINSTON	11-15	POLK	IC	DFO	TK	---	---	0	12 / 2001	--- / ------	12.5	12.5	12.5	12.5	OP
WINSTON	16-20	POLK	IC	DFO	TK	---	---	0	12 / 2001	--- / ------	12.5	12.5	12.5	12.5	OP
										LAK TOTAL:			**844.0**	**890.0**	
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

2017
LOAD AND RESOURCE PLAN
FLORIDA RELIABILITY COORDINATING COUNCIL
FRCC Form 1.0
EXISTING GENERATING FACILITIES AS OF DECEMBER 31, 2016

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
				PRIMARY FUEL		ALTERNATE FUEL		ALT. FUEL STORAGE	COMMERCIAL	EXPECTED	GROSS CAPABILITY		NET CAPABILITY		
PLANT NAME	UNIT NO.	LOCATION	UNIT TYPE	FUEL TYPE	TRANSP. METHOD	FUEL TYPE	TRANSP. METHOD	(DAYS BURN)	IN-SERVICE MO. / YEAR	RETIREMENT MO. / YEAR	SUMMER (MW)	WINTER (MW)	SUMMER (MW)	WINTER (MW)	STATUS
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
										OUC 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

2017
LOAD AND RESOURCE PLAN
FLORIDA RELIABILITY COORDINATING COUNCIL
FRCC Form 1.0
EXISTING GENERATING FACILITIES AS OF DECEMBER 31, 2016

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
				PRIMARY FUEL		ALTERNATE FUEL		ALT. FUEL STORAGE	COMMERCIAL	EXPECTED	GROSS CAPABILITY		NET CAPABILITY		
PLANT NAME	UNIT NO.	LOCATION	UNIT TYPE	FUEL TYPE	TRANSP. METHOD	FUEL TYPE	TRANSP. METHOD	(DAYS BURN)	IN-SERVICE MO. / YEAR	RETIREMENT MO. / YEAR	SUMMER (MW)	WINTER (MW)	SUMMER (MW)	WINTER (MW)	STATUS
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	10 / 2018	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 / 2017	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 / 2018	10.0	10.0	10.0	10.0	OP
PURDOM	GT2	WAKULLA	GT	NG	PL	DFO	TK	9	5 / 1964	10 / 2018	10.0	10.0	10.0	10.0	OP
											TAL TOTAL:		**746.0**	**822.0**	
TAMPA ELECTRIC COMPANY (cont.)															
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

2017
LOAD AND RESOURCE PLAN
FLORIDA RELIABILITY COORDINATING COUNCIL
FRCC Form 1.0
EXISTING GENERATING FACILITIES AS OF DECEMBER 31, 2016

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
				PRIMARY FUEL		ALTERNATE FUEL		ALT. FUEL STORAGE	COMMERCIAL	EXPECTED	GROSS CAPABILITY		NET CAPABILITY		
PLANT NAME	UNIT NO.	LOCATION	UNIT TYPE	FUEL TYPE	TRANSP. METHOD	FUEL TYPE	TRANSP. METHOD	(DAYS BURN)	IN-SERVICE MO. / YEAR	RETIREMENT MO. / YEAR	SUMMER (MW)	WINTER (MW)	SUMMER (MW)	WINTER (MW)	STATUS
TAMPA ELECTRIC COMPANY															
BIG BEND	1	HILLSBOROUGH	ST	BIT	WA	NG	PL	0	10 / 1970	--- / ------	410.0	420.0	385.0	395.0	OP
BIG BEND	2	HILLSBOROUGH	ST	BIT	WA	NG	PL	0	4 / 1973	--- / ------	410.0	420.0	385.0	395.0	OP
BIG BEND	3	HILLSBOROUGH	ST	BIT	WA	NG	PL	0	5 / 1976	--- / ------	420.0	425.0	395.0	400.0	OP
BIG BEND	4	HILLSBOROUGH	ST	BIT	WA	NG	PL	0	2 / 1985	--- / ------	470.0	475.0	437.0	442.0	OP
BIG BEND	CT4	HILLSBOROUGH	GT	NG	PL	---	---	0	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	1CT	POLK	CT	PC	TK	NG	PL	0	9 / 1996	--- / ------	170.0	170.0	169.0	169.0	OP
POLK	1CA	POLK	CA	WH	NA	---	---	0	9 / 1996	--- / ------	120.0	120.0	51.0	51.0	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):			**49,854**	**53,952**	
										FRCC EXISTING FIRM SOLAR:			**132**	**0**	
										TOTAL FRCC EXISTING:			**49,986**	**53,952**	

*Jointly Owned Unit

2017
LOAD AND RESOURCE PLAN
FLORIDA RELIABILITY COORDINATING COUNCIL
FRCC Form 1.0 (Solar)
EXISTING SOLAR GENERATING FACILITIES AS OF DECEMBER 31, 2016[1]

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
								POTENTIAL EXPORT TO GRID AT TIME OF PEAK				
								FIRM		NON-FIRM		
PLANT NAME	UNIT NO.	LOCATION	UNIT TYPE	PRIMARY FUEL TYPE	COMMERCIAL IN-SERVICE MO. / YEAR	EXPECTED RETIREMENT MO. / YEAR	NAMEPLATE CAPABILITY$_{AC}$ (MW)	SUM (MW)	WIN (MW)	SUM (MW)	WIN (MW)	STATUS
DUKE ENERGY FLORIDA												
OSCEOLA SOLAR	PV1	OSCEOLA	PV	SUN	5 / 2016	--- / ------	3.8	---	---	---	---	OP
PERRY SOLAR	PV1	TAYLOR	PV	SUN	8 / 2016	--- / ------	5.1	---	---	---	---	OP
						DEF SOLAR TOTAL:	**8.9**	**0.0**	**0.0**	**0.0**	**0.0**	
FLORIDA POWER & LIGHT COMPANY												
BABCOCK RANCH SOLAR	1	CHARLOTTE	PV	SUN	12 / 2016	--- / ------	74.5	38.7	---	---	---	OP
CITRUS SOLAR	1	DESOTO	PV	SUN	12 / 2016	--- / ------	74.5	38.7	---	---	---	OP
DESOTO NEXT GENERATION SOLAR ENERGY CENTER	1	DESOTO	PV	SUN	10 / 2009	--- / ------	25.0	11.5	---	---	---	OP
MANATEE SOLAR	1	MANATEE	PV	SUN	12 / 2016	--- / ------	74.5	38.7	---	---	---	OP
SPACE COAST	1	BREVARD	PV	SUN	4 / 2010	--- / ------	10.0	3.2	---	---	---	OP
						FPL SOLAR TOTAL:	**258.5**	**130.8**	**0.0**	**0.0**	**0.0**	
TAMPA ELECTRIC COMPANY												
LEGOLAND	1	HILLSBOROUGH	PV	SUN	12 / 2016	--- / ------	1.5	0.5	---	---	---	OP
TIA	1	HILLSBOROUGH	PV	SUN	12 / 2015	--- / ------	1.6	0.5	---	---	---	OP
						TEC SOLAR TOTAL:	**3.1**	**1.0**	**0.0**	**0.0**	**0.0**	

FRCC EXISTING (Excluding Firm Solar):	**49,854**	**53,952**
FRCC EXISTING FIRM SOLAR:	**132**	**0**
TOTAL FRCC EXISTING:	**49,986**	**53,952**

[1]Notes:

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.

2017
LOAD AND RESOURCE PLAN
FLORIDA RELIABILITY COORDINATING COUNCIL

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

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
				PRIMARY FUEL		ALTERNATE FUEL		ALT. FUEL STORAGE	COMMERCIAL	EXPECTED	NET CAPABILITY		
PLANT NAME	UTILS	LOCATION	UNIT TYPE	FUEL TYPE	TRANSP. METHOD	FUEL TYPE	TRANSP. METHOD	(DAYS BURN)	IN-SERVICE MO. / YEAR	RETIREMENT MO. / YEAR	SUMMER (MW)	WINTER (MW)	STATUS
CANE ISLAND 1	FMPA	OSCEOLA	GT	NG	PL	DFO	TK	0	11 / 1994	--- / ------	17.5	19.0	OP
	KUA										17.5	19.0	OP
											35.0	**38.0**	
CANE ISLAND 2	FMPA	OSCEOLA	CT	NG	PL	DFO	TK	0	6 / 1995	--- / ------	54.5	56.5	OP
	KUA										54.5	56.5	OP
											109.0	**113.0**	
CANE ISLAND 3	FMPA	OSCEOLA	CT	NG	PL	DFO	TK	0	1 / 2002	--- / ------	120.0	125.0	OP
	KUA										120.0	125.0	OP
											240.0	**250.0**	
INDIAN RIVER A	FMPA	BREVARD	GT	NG	PL	DFO	TK	0	7 / 1989	--- / ------	12.2	14.1	OP
	KUA										3.8	4.4	OP
	OUC										15.6	18.1	OP
											31.6	**36.6**	
INDIAN RIVER B	FMPA	BREVARD	GT	NG	PL	DFO	TK	0	7 / 1989	--- / ------	12.2	14.1	OP
	KUA										3.8	4.4	OP
	OUC										15.6	18.1	OP
											31.6	**36.6**	
INDIAN RIVER C	FMPA	BREVARD	GT	NG	PL	DFO	TK	0	8 / 1992	--- / ------	21.6	23.0	OP
	OUC										83.0	88.5	OP
											104.6	**111.5**	
INDIAN RIVER D	FMPA	BREVARD	GT	NG	PL	DFO	TK	0	8 / 1992	--- / ------	21.6	23.0	OP
	OUC										83.0	88.5	OP
											104.6	**111.5**	
MCINTOSH 3	LAK	POLK	ST	BIT	RR	NA	TK	0	9 / 1982	--- / ------	205.0	205.0	OP
	OUC										133.0	136.0	OP
											338.0	**341.0**	

2017
LOAD AND RESOURCE PLAN
FLORIDA RELIABILITY COORDINATING COUNCIL

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

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
				PRIMARY FUEL		ALTERNATE FUEL		ALT. FUEL STORAGE	COMMERCIAL	EXPECTED	NET CAPABILITY		
PLANT NAME	UTILS	LOCATION	UNIT TYPE	FUEL TYPE	TRANSP. METHOD	FUEL TYPE	TRANSP. METHOD	(DAYS BURN)	IN-SERVICE MO. / YEAR	RETIREMENT MO. / YEAR	SUMMER (MW)	WINTER (MW)	STATUS
SCHERER 4	FPL	MONROE, GA	ST	BIT	RR	---	---	0	7 / 1988	--- / ------	634.0	635.0	OP
	JEA										194.0	194.0	OP
											828.0	**829.0**	
ST. JOHNS RIVER 1	FPL	DUVAL	ST	BIT	RR	PC	WA	0	4 / 1987	--- / ------	127.0	130.0	OP
	JEA										501.0	510.0	OP
											628.0	**640.0**	
ST. JOHNS RIVER 2	FPL	DUVAL	ST	BIT	RR	PC	WA	0	7 / 1988	--- / ------	127.0	130.0	OP
	JEA										501.0	510.0	OP
											628.0	**640.0**	
ST. LUCIE 2	FMPA	ST. LUCIE	ST	NUC	TK	---	---	0	6 / 1983	--- / ------	86.2	89.6	OP
	FPL										840.0	860.0	OP
	OUC										60.0	60.0	OP
											986.2	**1,009.6**	
STANTON 1	FMPA	ORANGE	ST	BIT	RR	---	---	0	7 / 1987	--- / ------	114.8	114.8	OP
	KUA										20.8	20.8	OP
	OUC										302.3	302.3	OP
											437.9	**437.9**	
STANTON 2	FMPA	ORANGE	ST	BIT	RR	---	---	0	6 / 1996	--- / ------	125.1	125.1	OP
	OUC										324.3	324.3	OP
											449.4	**449.4**	
STANTON A	FMPA	ORANGE	CT	NG	PL	DFO	TK	3	10 / 2003	--- / ------	100.3	106.6	OP
(includes SOU capacity purchase)	KUA										21.3	22.6	OP
	OUC										515.6	527.8	OP
											637.2	**657.0**	

2017
LOAD AND RESOURCE PLAN
FLORIDA RELIABILITY COORDINATING COUNCIL
FRCC Form 1.1
PLANNED AND PROSPECTIVE GENERATING FACILITY ADDITIONS AND CHANGES
(JANUARY 1, 2017 THROUGH DECEMBER 31, 2026)

(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 TYPE	PRIMARY FUEL TRANS.	ALTERNATE FUEL TYPE	ALTERNATE FUEL TRANS.	ALT. FUEL STORAGE (DAYS BURN)	EFFECTIVE CHANGE DATE MO. / YEAR	GROSS CAPABILITY SUMMER (MW)	GROSS CAPABILITY WINTER (MW)	NET CAPABILITY SUMMER (MW)	NET CAPABILITY WINTER (MW)	CHANGE/ STATUS
	2017														
DEF	OSPREY	CT1	POLK	CT	NG	PL	---	---	0	1 / 2017	81.6	81.6	81.6	81.6	CO
DEF	OSPREY	CT2	POLK	CT	NG	PL	---	---	0	1 / 2017	81.6	81.6	81.6	81.6	CO
DEF	OSPREY	ST	POLK	CA	WH	PL	---	---	0	1 / 2017	81.7	81.7	81.7	81.7	CO
FPL	CEDAR BAY	1	DUVAL	ST	BIT	RR	---	---	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	462.0	466.0	459.0	463.0	TS
FPL	MARTIN	8CTA	MARTIN	CT	NG	PL	DFO	---	0	2 / 2017	3.5	28.8	3.5	28.8	OT
FPL	MARTIN	4GT1	MARTIN	CT	NG	PL	DFO	TK	0	3 / 2017	9.0	19.0	9.0	19.0	OT
FPL	MARTIN	8CTB	MARTIN	CT	NG	PL	DFO	---	0	3 / 2017	3.5	28.8	3.5	28.8	OT
DEF	HINES ENERGY COMPLEX	1GT1	POLK	CT	NG	PL	DFO	TK	0	4 / 2017	16.8	0.0	16.8	0.0	A
DEF	HINES ENERGY COMPLEX	1GT2	POLK	CT	NG	PL	DFO	TK	0	4 / 2017	16.8	0.0	16.8	0.0	A
DEF	HINES ENERGY COMPLEX	1ST	POLK	CA	WH	NA	---	---	2	4 / 2017	17.4	4.0	17.4	0.0	A
DEF	HINES ENERGY COMPLEX	2GT1	POLK	CT	NG	PL	DFO	TK	0	4 / 2017	18.8	0.0	18.8	0.0	A
DEF	HINES ENERGY COMPLEX	2GT2	POLK	CT	NG	PL	DFO	TK	0	4 / 2017	18.8	0.0	18.8	0.0	A
DEF	HINES ENERGY COMPLEX	2ST	POLK	CA	WH	NA	---	---	0	4 / 2017	19.4	0.0	19.4	0.0	A
DEF	HINES ENERGY COMPLEX	3GT1	POLK	CT	NG	PL	DFO	TK	0	4 / 2017	19.8	0.0	19.8	0.0	A
DEF	HINES ENERGY COMPLEX	3GT2	POLK	CT	NG	PL	DFO	TK	0	4 / 2017	19.8	0.0	19.8	0.0	A
DEF	HINES ENERGY COMPLEX	3ST	POLK	CA	WH	NA	---	---	0	4 / 2017	20.4	0.0	20.4	0.0	A
DEF	HINES ENERGY COMPLEX	4GT1	POLK	CT	NG	PL	DFO	TK	0	4 / 2017	21.8	0.0	21.8	0.0	A
DEF	HINES ENERGY COMPLEX	4GT2	POLK	CT	NG	PL	DFO	TK	0	4 / 2017	21.8	0.0	21.8	0.0	A
DEF	HINES ENERGY COMPLEX	4ST	POLK	CA	WH	NA	DFO	TK	0	4 / 2017	21.4	0.0	21.4	0.0	A
FPL	MANATEE	3CTA	MANATEE	CT	NG	PL	---	---	0	4 / 2017	3.3	10.6	3.3	10.6	OT
TAL	HOPKINS	GT1	LEON	GT	NG	PL	DFO	TK	3	4 / 2017	-12.0	-14.0	-12.0	-14.0	RT
TAL	HOPKINS	GT2	LEON	GT	NG	PL	DFO	TK	3	4 / 2017	-24.0	-26.0	-24.0	-26.0	RT
FPL	FT. MYERS	3CTC	LEE	CT	NG	TK	DFO	---	7	5 / 2017	20.0	0.0	20.0	0.0	OT
FPL	FT. MYERS	3CTD	LEE	CT	NG	TK	DFO	---	7	5 / 2017	20.0	0.0	20.0	0.0	OT
FPL	LAUDERDALE	6CTA	BROWARD	CT	NG	PL	DFO	TK	2	5 / 2017	20.0	0.0	20.0	0.0	A
FPL	LAUDERDALE	6CTB	BROWARD	CT	NG	PL	DFO	TK	2	5 / 2017	20.0	0.0	20.0	0.0	A
FPL	LAUDERDALE	6CTC	BROWARD	CT	NG	PL	DFO	TK	2	5 / 2017	20.0	0.0	20.0	0.0	A

*Jointly Owned Unit

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PLANNED AND PROSPECTIVE GENERATING FACILITY ADDITIONS AND CHANGES
(JANUARY 1, 2017 THROUGH DECEMBER 31, 2026)

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
					PRIMARY FUEL		ALTERNATE FUEL		ALT. FUEL STORAGE (DAYS	EFFECTIVE CHANGE DATE	GROSS CAPABILITY		NET CAPABILITY		
UTILITY	PLANT NAME	UNIT NO.	LOCATION	UNIT TYPE	TYPE	TRANS.	TYPE	TRANS.	BURN)	MO. / YEAR	SUMMER (MW)	WINTER (MW)	SUMMER (MW)	WINTER (MW)	CHANGE/ STATUS
	2017 (cont.)														
FPL	LAUDERDALE	6CTD	BROWARD	CT	NG	PL	DFO	TK	2	5 / 2017	20.0	0.0	20.0	0.0	A
FPL	LAUDERDALE	6CTE	BROWARD	CT	NG	PL	DFO	TK	2	5 / 2017	20.0	0.0	20.0	0.0	A
FPL	MANATEE	3CTB	MANATEE	CT	NG	PL	---	---	0	5 / 2017	3.3	10.6	3.3	10.6	OT
FPL	MANATEE	3CTC	MANATEE	CT	NG	PL	---	---	0	5 / 2017	3.3	10.6	3.3	10.6	OT
FPL	MANATEE	3CTD	MANATEE	CT	NG	PL	---	---	0	6 / 2017	3.3	10.6	3.3	10.6	OT
FPL	SANFORD	4CTC	VOLUSIA	CT	NG	PL	---	---	0	8 / 2017	2.0	18.9	2.0	18.9	OT
FPL	SANFORD	4CTD	VOLUSIA	CT	NG	PL	---	---	0	8 / 2017	2.0	18.9	2.0	18.9	OT
DEF	INTERCESSION CITY	P11	OSCEOLA	GT	DFO	PL	---	---	0	9 / 2017	0.0	0.0	140.0	0.0	OT
FPL	SANFORD	5CTD	VOLUSIA	CT	NG	PL	---	---	0	10 / 2017	2.0	18.9	2.0	18.9	OT
FPL	SANFORD	5CTA	VOLUSIA	CT	NG	PL	---	---	0	11 / 2017	2.0	18.9	2.0	18.9	OT
FPL	TURKEY POINT	5CTA	DADE	CT	NG	PL	---	---	0	12 / 2017	-9.9	14.4	-9.9	14.4	OT
FPL	TURKEY POINT	5CTB	DADE	CT	NG	PL	---	---	0	12 / 2017	-9.9	14.4	-9.9	14.4	OT
GRU	SOUTH ENERGY CENTER	2	ALACHUA	IC	NG	PL	---	---	0	12 / 2017	7.8	7.8	7.4	7.4	L
											2017 TOTAL:		**955.7**	**648.7**	
	2018														
JEA	ST. JOHNS RIVER	1	DUVAL	ST	BIT	RR	PC	WA	0	1 / 2018	-528.0	-537.6	-501.0	-510.0	OT
JEA	ST. JOHNS RIVER	2	DUVAL	ST	BIT	RR	PC	WA	0	1 / 2018	-528.0	-537.6	-501.0	-510.0	OT
FPL	TURKEY POINT	5CTC	DADE	CT	NG	PL	---	---	0	3 / 2018	-9.9	14.4	-9.9	14.4	OT
FPL	TURKEY POINT	5CTD	DADE	CT	NG	PL	---	---	0	3 / 2018	-9.9	14.4	-9.9	14.4	OT
DEF	CRYSTAL RIVER	1	CITRUS	ST	BIT	RR	BIT	WA	0	4 / 2018	-348.0	-358.0	-324.0	-332.0	RT
DEF	CRYSTAL RIVER	2	CITRUS	ST	BIT	RR	BIT	WA	0	4 / 2018	-462.0	-469.0	-442.0	-448.0	RT
DEF	CITRUS	1	CITRUS	CC	NG	PL	NG	PL	0	5 / 2018	830.0	920.0	820.0	910.0	P
FPL	SANFORD	4CTA	VOLUSIA	CT	NG	PL	---	---	0	5 / 2018	2.0	18.9	2.0	18.9	OT
FPL	SANFORD	4CTB	VOLUSIA	CT	NG	PL	---	---	0	5 / 2018	2.0	18.9	2.0	18.9	OT
FPL	SANFORD	5CTB	VOLUSIA	CT	NG	PL	---	---	0	6 / 2018	2.0	18.9	2.0	18.9	OT
FPL	SANFORD	5CTC	VOLUSIA	CT	NG	PL	---	---	0	6 / 2018	2.0	18.9	2.0	18.9	OT
TAL	SUB 12 DISTRIBUTED GEN.	IC 1	LEON	IC	NG	PL	---	---	0	7 / 2018	9.3	9.3	9.2	9.2	P
TAL	SUB 12 DISTRIBUTED GEN.	IC 2	LEON	IC	NG	PL	---	---	0	7 / 2018	9.3	9.3	9.2	9.2	P
FPL	TURKEY POINT	3	DADE	ST	NUC	TK	---	---	0	10 / 2018	20.0	20.0	20.0	20.0	A
TAL	HOPKINS	1	LEON	ST	NG	PL	---	---	0	10 / 2018	-81.0	-85.0	-76.0	-78.0	RT
TAL	HOPKINS	IC 1	LEON	IC	NG	PL	---	---	0	10 / 2018	18.7	18.7	18.4	18.4	P
TAL	HOPKINS	IC 2	LEON	IC	NG	PL	---	---	0	10 / 2018	18.7	18.7	18.4	18.4	P
TAL	HOPKINS	IC 3	LEON	IC	NG	PL	---	---	0	10 / 2018	18.7	18.7	18.4	18.4	P

*Jointly Owned Unit

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(JANUARY 1, 2017 THROUGH DECEMBER 31, 2026)

(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 TYPE	PRIMARY FUEL TRANS.	ALTERNATE FUEL TYPE	ALTERNATE FUEL TRANS.	ALT. FUEL STORAGE (DAYS BURN)	EFFECTIVE CHANGE DATE MO. / YEAR	GROSS CAPABILITY SUMMER (MW)	GROSS CAPABILITY WINTER (MW)	NET CAPABILITY SUMMER (MW)	NET CAPABILITY WINTER (MW)	CHANGE/ STATUS
	2018 (cont.)														
TAL	HOPKINS	IC 4	LEON	IC	NG	PL	---	---	0	10 / 2018	18.7	18.7	18.4	18.4	P
TAL	PURDOM	GT1	WAKULLA	GT	NG	PL	DFO	TK	9	10 / 2018	-10.0	-10.0	-10.0	-10.0	RT
TAL	PURDOM	GT2	WAKULLA	GT	NG	PL	DFO	TK	9	10 / 2018	-10.0	-10.0	-10.0	-10.0	RT
DEF	CITRUS	1	CITRUS	CC	NG	PL	NG	PL	0	11 / 2018	820.0	910.0	820.0	910.0	P
FPL	MARTIN	8CTC	MARTIN	CT	NG	PL	DFO	TK	3	11 / 2018	2.0	5.2	2.0	5.2	OT
FPL	LAUDERDALE	4GT1	BROWARD	CT	NG	PL	DFO	TK	2	12 / 2018	-156.0	-172.1	-156.0	-172.1	RT
FPL	LAUDERDALE	4GT2	BROWARD	CT	NG	PL	DFO	TK	2	12 / 2018	-156.0	-172.1	-156.0	-172.1	RT
FPL	LAUDERDALE	4ST	BROWARD	CA	NG	PL	DFO	TK	2	12 / 2018	-135.0	-148.8	-130.0	-143.8	RT
FPL	LAUDERDALE	5GT1	BROWARD	CT	NG	PL	DFO	TK	2	12 / 2018	-156.0	-172.1	-156.0	-172.1	RT
FPL	LAUDERDALE	5GT2	BROWARD	CT	NG	PL	DFO	TK	2	12 / 2018	-156.0	-172.1	-156.0	-172.1	RT
FPL	LAUDERDALE	5ST	BROWARD	CA	NG	PL	DFO	TK	2	12 / 2018	-135.0	-148.8	-130.0	-143.8	RT
											2018 TOTAL:		**-1,005.8**	**-832.4**	
	2019														
FPL	MARTIN	8CTD	MARTIN	CT	NG	PL	DFO	TK	3	1 / 2019	2.0	5.2	2.0	5.2	OT
FPL	ST. JOHNS RIVER	1	DUVAL	ST	BIT	RR	PC	WA	0	3 / 2019	-127.0	-130.0	-127.0	-130.0	OT
FPL	ST. JOHNS RIVER	2	DUVAL	ST	BIT	RR	PC	WA	0	3 / 2019	-127.0	-130.0	-127.0	-130.0	OT
FPL	FT. MYERS	2CTE	LEE	CT	NG	PL	---	---	0	4 / 2019	1.0	0.0	1.0	0.0	OT
FPL	FT. MYERS	2CTF	LEE	CT	NG	PL	---	---	0	5 / 2019	1.0	0.0	1.0	0.0	OT
FPL	TURKEY POINT	4	DADE	ST	NUC	TK	---	---	0	5 / 2019	20.0	20.0	20.0	20.0	A
FPL	OKEECHOBEE ENERGY CENTER	1	UNKNOWN	CC	NG	PL	DFO	PL	0	6 / 2019	1,748.0	1,754.0	1,748.0	1,754.0	P
FPL	SANFORD	4ST	VOLUSIA	CA	NG	PL	---	---	0	11 / 2019	36.9	24.0	36.9	24.0	OT
											2019 TOTAL:		**1,554.9**	**1,543.2**	
	2020														
FMPA	ST. LUCIE	2	ST LUCIE	ST	NUC	---	TK	---	---	1 / 2020	-1.6	-1.5	-1.6	-1.5	OT
FPL	SANFORD	5ST	VOLUSIA	CA	NG	PL	---	---	0	1 / 2020	36.9	24.0	36.9	24.0	OT
FPL	FT. MYERS	2CTA	LEE	CT	NG	PL	---	---	0	3 / 2020	1.0	0.0	1.0	0.0	OT
FPL	FT. MYERS	2CTB	LEE	CT	NG	PL	---	---	0	3 / 2020	1.0	0.0	1.0	0.0	OT
FPL	FT. MYERS	2CTC	LEE	CT	NG	PL	---	---	0	5 / 2020	1.0	0.0	1.0	0.0	OT
FPL	FT. MYERS	2CTD	LEE	CT	NG	PL	---	---	0	5 / 2020	1.0	0.0	1.0	0.0	OT
FPL	FT. MYERS	2ST1	LEE	CA	WH	NA	---	---	0	5 / 2020	71.0	37.0	71.0	37.0	OT

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(JANUARY 1, 2017 THROUGH DECEMBER 31, 2026)

(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 TYPE	PRIMARY FUEL TRANS.	ALTERNATE FUEL TYPE	ALTERNATE FUEL TRANS.	ALT. FUEL STORAGE (DAYS BURN)	EFFECTIVE CHANGE DATE MO. / YEAR	GROSS CAPABILITY SUMMER (MW)	GROSS CAPABILITY WINTER (MW)	NET CAPABILITY SUMMER (MW)	NET CAPABILITY WINTER (MW)	CHANGE/ STATUS
	2020 (cont.)														
DEF	AVON PARK	P1	HIGHLANDS	GT	NG	PL	DFO	TK	3	6 / 2020	-24.0	-25.0	-24.0	-25.0	RT
DEF	AVON PARK	P2	HIGHLANDS	GT	DFO	TK	---	---	0	6 / 2020	-24.0	-25.0	-24.0	-25.0	RT
DEF	HIGGINS	P1	PINELLAS	GT	NG	PL	DFO	TK	0	6 / 2020	0.0	0.0	0.0	0.0	RT
DEF	HIGGINS	P2	PINELLAS	GT	NG	PL	DFO	TK	0	6 / 2020	0.0	0.0	0.0	0.0	RT
DEF	HIGGINS	P3	PINELLAS	GT	NG	PL	DFO	TK	0	6 / 2020	0.0	0.0	0.0	0.0	RT
DEF	HIGGINS	P4	PINELLAS	GT	NG	PL	DFO	TK	1	6 / 2020	0.0	0.0	0.0	0.0	RT
											2020 TOTAL:		**62.3**	**9.5**	
	2021														
SEC	UNNAMED CC	1	PUTNAM	CC	NG	PL	---	---	0	5 / 2021	593.0	592.0	593.0	592.0	P
TEC	FUTURE	CT1	UNKNOWN	GT	NG	PL	---	---	0	5 / 2021	206.0	222.0	204.0	220.0	P
											2021 TOTAL:		**797.0**	**812.0**	
	2022														
FPL	CAPE CANAVERAL	3A	BREVARD	CT	NG	PL	DFO	PL	0	6 / 2022	29.3	20.0	29.3	20.0	OT
FPL	CAPE CANAVERAL	3B	BREVARD	CT	NG	PL	DFO	PL	0	6 / 2022	29.3	20.0	29.3	20.0	OT
FPL	CAPE CANAVERAL	3C	BREVARD	CT	NG	PL	DFO	PL	0	6 / 2022	29.3	20.0	29.3	20.0	OT
FPL	DANIA BEACH ENERGY CENTER	1	BROWARD	CC	NG	PL	DFO	WA	0	6 / 2022	1,163.0	1,176.0	1,163.0	1,176.0	P
OUC	UNKNOWN	1	ORANGE	CC	NG	PL	DFO	TK	3	6 / 2022	380.0	400.0	360.0	380.0	OT
GRU	DEERHAVEN	FS01	ALACHUA	ST	NG	PL	RFO	TK	0	8 / 2022	-80.0	-80.0	-75.0	-75.0	RT
SEC	UNNAMED CC	2	UNKNOWN	CC	NG	PL	---	---	0	12 / 2022	593.0	592.0	593.0	592.0	P
											2022 TOTAL:		**2,128.9**	**2,133.0**	
	2023														
DEF	OSPREY	CT1	POLK	CT	NG	PL	---	---	0	5 / 2023	83.8	98.3	83.8	98.3	OT
DEF	OSPREY	CT2	POLK	CT	NG	PL	---	---	0	5 / 2023	83.8	98.3	83.8	98.3	OT
DEF	OSPREY	ST	POLK	CA	WH	PL	---	---	0	5 / 2023	145.3	158.3	145.3	158.3	OT
FPL	RIVIERA	1A	PALM BEACH	CT	NG	PL	RFO	WA	0	6 / 2023	28.7	26.7	28.7	26.7	OT
FPL	RIVIERA	1A	PALM BEACH	CC	NG	PL	RFO	WA	0	6 / 2023	28.7	26.7	28.7	26.7	OT
FPL	RIVIERA	1A	PALM BEACH	CC	NG	PL	RFO	WA	0	6 / 2023	28.7	26.7	28.7	26.7	OT
											2023 TOTAL:		**399.0**	**435.0**	

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(JANUARY 1, 2017 THROUGH DECEMBER 31, 2026)

(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 TYPE	PRIMARY FUEL TRANS.	ALTERNATE FUEL TYPE	ALTERNATE FUEL TRANS.	ALT. FUEL STORAGE (DAYS BURN)	EFFECTIVE CHANGE DATE MO. / YEAR	GROSS CAPABILITY SUMMER (MW)	GROSS CAPABILITY WINTER (MW)	NET CAPABILITY SUMMER (MW)	NET CAPABILITY WINTER (MW)	CHANGE/ STATUS
	2024														
TEC	FUTURE	CT2	UNKNOWN	GT	NG	PL	---	---	0	5 / 2024	206.0	222.0	204.0	220.0	P
DEF	UNKNOWN	P1	UNKNOWN	CT	NG	PL	DFO	TK	4	6 / 2024	229.4	240.2	228.4	239.2	P
TAL	HOPKINS	IC 5	LEON	IC	NG	PL	---	---	0	6 / 2024	18.7	18.7	18.4	18.4	P
SEC	UNNAMED CT	1	UNKNOWN	GT	NG	PL	---	---	0	12 / 2024	215.0	244.0	215.0	244.0	P
											2024 TOTAL:		**665.8**	**721.6**	
	2025														
DEF	UNKOWN	P2	UNKNOWN	CT	NG	PL	DFO	TK	4	6 / 2025	229.4	240.2	228.4	239.2	P
											2025 TOTAL:		**228.4**	**239.2**	
	2026														
DEF	UNKNOWN	P3	UNKNOWN	CT	NG	PL	DFO	TK	4	6 / 2026	229.4	240.2	228.4	239.2	P
											2026 TOTAL:		**228.4**	**239.2**	

FRCC FUTURE (Excluding Firm Solar):	**6,015**	**5,949**
FRCC FUTURE FIRM SOLAR:	**1,111**	**0**
FRCC FUTURE TOTAL:	**7,126**	**5,949**

*Jointly Owned Unit

2017
LOAD AND RESOURCE PLAN
FLORIDA RELIABILITY COORDINATING COUNCIL
FRCC Form 1.1 (Solar)

PLANNED AND PROSPECTIVE SOLAR GENERATING FACILITY ADDITIONS AND CHANGES[1 2]
(JANUARY 1, 2017 THROUGH DECEMBER 31, 2026)

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
								POTENTIAL EXPORT TO GRID AT TIME OF PEAK				
								FIRM		NON-FIRM		
UTILITY	PLANT NAME	UNIT NO.	LOCATION	UNIT TYPE	PRIMARY FUEL TYPE	EFFECTIVE CHANGE DATE MO. / YEAR	NAMEPLATE CAPABILITY$_{AC}$ (MW)	SUMMER (MW)	WINTER (MW)	SUMMER (MW)	WINTER (MW)	CHANGE/ STATUS
	2017											
TEC	BIG BEND SOLAR	1	HILLSBOROUGH	PV	SUN	2 / 2017	18.0	8.0	---	---	---	P
SEC	MGS SOLAR	1	HARDEE	PV	SUN	4 / 2017	2.2	---	---	---	1.1	P
DEF	SUWANNEE SOLAR FACILITY	3	SUWANNEE	PV	SUN	12 / 2017	9.0	---	---	---	---	P
FPL	CORAL FARMS SOLAR ENERGY CENTER	1	PUTNAM	PV	SUN	12 / 2017	74.5	40.2	---	---	---	P
FPL	HORIZON SOLAR ENERGY CENTER	1	PUTNAM	PV	SUN	12 / 2017	74.5	40.2	---	---	---	P
FPL	INDIAN RIVER SOLAR ENERGY CENTER	1	INDIAN RIVER	PV	SUN	12 / 2017	74.5	40.2	---	---	---	P
FPL	WILDFLOWER SOLAR ENERGY CENTER	1	DESOTO	PV	SUN	12 / 2017	74.5	40.2	---	---	---	P
	2018											
FPL	BAREFOOT BAY SOLAR ENERGY CENTER	1	BREVARD	PV	SUN	2 / 2018	74.5	40.2	---	---	---	P
FPL	BLUE CYPRESS SOLAR ENERGY CENTER	1	INDIAN RIVER	PV	SUN	2 / 2018	74.5	40.2	---	---	---	P
FPL	HAMMOCK SOLAR ENERGY CENTER	1	HENDRY	PV	SUN	2 / 2018	74.5	40.2	---	---	---	P
FPL	LOGGERHEAD SOLAR ENERGY CENTER	1	ST LUCIE	PV	SUN	2 / 2018	74.5	40.2	---	---	---	P
DEF	SOLAR	4	UNKNOWN	PV	SUN	6 / 2018	20.0	---	---	---	---	P
	2019											
DEF	SOLAR	5	UNKNOWN	PV	SUN	6 / 2019	50.0	---	---	---	---	P
FPL	SOLAR DEGRADATION	-	N/A	PV	SUN	8 / 2019	0.0	-0.7	---	---	---	D(S)
FPL	UNSITED SOLAR	1	UNKNOWN	PV	SUN	12 / 2019	298.0	160.0	---	---	---	P
	2020											
DEF	SOLAR	6	UNKNOWN	PV	SUN	6 / 2020	75.0	---	---	---	---	P
DEF	SOLAR	7	UNKNOWN	PV	SUN	6 / 2020	75.0	---	---	---	---	P
FPL	SOLAR DEGRADATION	-	N/A	PV	SUN	8 / 2020	0.0	-1.0	---	---	---	D(S)
FPL	UNSITED SOLAR	1	UNKNOWN	PV	SUN	12 / 2020	298.0	160.0	---	---	---	P
	2021											
DEF	SOLAR	8	UNKNOWN	PV	SUN	6 / 2021	75.0	---	---	---	---	P
FPL	SOLAR DEGRADATION	-	N/A	PV	SUN	8 / 2021	0.0	-1.8	---	---	---	D(S)
FPL	UNSITED SOLAR	1	UNKNOWN	PV	SUN	12 / 2021	298.0	160.0	---	---	---	P

Notes:

[1]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.

[2]Big Bend Solar began commerical operation on 02/10/2017. The as-built nameplate capacity is 19.8 MW_{AC} with a maximum daily capability of 19.36 MW_{AC}

2017
LOAD AND RESOURCE PLAN
FLORIDA RELIABILITY COORDINATING COUNCIL
FRCC Form 1.1 (Solar)

PLANNED AND PROSPECTIVE SOLAR GENERATING FACILITY ADDITIONS AND CHANGES[1 2]
(JANUARY 1, 2017 THROUGH DECEMBER 31, 2026)

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
								POTENTIAL EXPORT TO GRID AT TIME OF PEAK				
								FIRM		NON-FIRM		
UTILITY	PLANT NAME	UNIT NO.	LOCATION	UNIT TYPE	PRIMARY FUEL TYPE	EFFECTIVE CHANGE DATE MO. / YEAR	NAMEPLATE CAPABILITY$_{AC}$ (MW)	SUMMER (MW)	WINTER (MW)	SUMMER (MW)	WINTER (MW)	CHANGE/ STATUS
	2022											
DEF	SOLAR	9	UNKNOWN	PV	SUN	6 / 2022	75.0	---	---	---	---	P
FPL	SOLAR DEGRADATION	-	N/A	PV	SUN	8 / 2022	0.0	-2.1	---	---	---	D(S)
FPL	UNSITED SOLAR	1	UNKNOWN	PV	SUN	12 / 2022	298.0	160.0	---	---	---	P
	2023											
DEF	SOLAR	10	UNKNOWN	PV	SUN	6 / 2023	75.0	---	---	---	---	P
FPL	SOLAR DEGRADATION	-	N/A	PV	SUN	8 / 2023	0.0	-2.7	---	---	---	D(S)
FPL	UNSITED SOLAR	1	UNKNOWN	PV	SUN	12 / 2023	298.0	160.0	---	---	---	P
	2024											
DEF	SOLAR	11	UNKNOWN	PV	SUN	6 / 2024	75.0	---	---	---	---	P
DEF	SOLAR	12	UNKNOWN	PV	SUN	6 / 2024	75.0	---	---	---	---	P
FPL	SOLAR DEGRADATION	-	N/A	PV	SUN	8 / 2024	0.0	-3.0	---	---	---	D(S)
	2025											
DEF	SOLAR	13	UNKNOWN	PV	SUN	6 / 2025	75.0	---	---	---	---	P
FPL	SOLAR DEGRADATION	-	N/A	PV	SUN	8 / 2025	0.0	-3.6	---	---	---	D(S)
	2026											
DEF	SOLAR	14	UNKNOWN	PV	SUN	6 / 2026	75.0	---	---	---	---	P
FPL	SOLAR DEGRADATION	-	N/A	PV	SUN	8 / 2026	0.0	-3.8	---	---	---	D(S)

FRCC FUTURE (Excluding Firm Solar):	**6,015**	**5,949**
FRCC FUTURE FIRM SOLAR:	**1,111**	**0**
FRCC FUTURE TOTAL:	**7,126**	**5,949**

Notes:

[1]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.

2017
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)
	INSTALLED CAPACITY		FIRM INTERCHANGE		FIRM	TOTAL		RESERVE MARGIN W/O EXERCISING		NET FIRM	RESERVE MARGIN WITH EXERCISING	
	INSIDE REGION	OUTSIDE REGION	REGIONAL IMPORTS	REGIONAL EXPORTS	NON-UTILITY PURCHASES	AVAILABLE CAPACITY	TOTAL PEAK DEMAND	LOAD MANAGEMENT & INT.		PEAK DEMAND	LOAD MANAGEMENT & INT.	
YEAR	(MW)	(MW)	(MW)	(MW)	(MW)	(MW)	(MW)	(MW)	% OF PEAK	(MW)	(MW)	% OF PEAK
2017	49,986	828	424	0	3,881	55,120	47,508	7,612	16%	44,586	10,534	24%
2018	49,484	828	424	0	3,928	54,664	48,042	6,622	14%	45,041	9,623	21%
2019	50,955	828	524	0	3,469	55,776	48,587	7,189	15%	45,533	10,243	22%
2020	51,213	828	624	0	3,484	56,149	48,947	7,202	15%	45,838	10,311	22%
2021	52,168	828	200	0	3,026	56,222	49,498	6,724	14%	46,332	9,890	21%
2022	53,862	828	200	0	3,031	57,921	49,984	7,937	16%	46,794	11,127	24%
2023	55,011	828	200	0	3,033	59,072	50,600	8,472	17%	47,384	11,688	25%
2024	55,619	828	200	0	2,007	58,654	51,264	7,390	14%	48,031	10,623	22%
2025	56,059	828	200	0	1,854	58,941	51,893	7,048	14%	48,658	10,283	21%
2026	56,284	828	200	0	1,717	59,028	52,525	6,503	12%	49,260	9,768	20%

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)
	INSTALLED CAPACITY		FIRM INTERCHANGE		FIRM	TOTAL		RESERVE MARGIN W/O EXERCISING		NET FIRM	RESERVE MARGIN WITH EXERCISING	
	INSIDE REGION	OUTSIDE REGION	REGIONAL IMPORTS	REGIONAL EXPORTS	NON-UTILITY PURCHASES	AVAILABLE CAPACITY	TOTAL PEAK DEMAND	LOAD MANAGEMENT & INT.		PEAK DEMAND	LOAD MANAGEMENT & INT.	
YEAR	(MW)	(MW)	(MW)	(MW)	(MW)	(MW)	(MW)	(MW)	% OF PEAK	(MW)	(MW)	% OF PEAK
2017 / 18	52,751	829	424	0	4,154	58,158	44,836	13,322	30%	41,994	16,164	38%
2018 / 19	52,684	829	424	0	3,740	57,677	45,350	12,327	27%	42,462	15,215	36%
2019 / 20	54,505	829	524	0	3,756	59,614	45,769	13,845	30%	42,835	16,779	39%
2020 / 21	54,492	829	624	0	3,755	59,700	46,270	13,430	29%	43,285	16,415	38%
2021 / 22	55,304	829	200	0	3,214	59,547	46,659	12,888	28%	43,659	15,888	36%
2022 / 23	57,437	829	200	0	3,216	61,682	47,096	14,586	31%	44,066	17,616	40%
2023 / 24	57,872	829	200	0	2,661	61,561	47,535	14,026	30%	44,489	17,072	38%
2024 / 25	58,593	829	200	0	1,991	61,613	47,933	13,680	29%	44,881	16,732	37%
2025 / 26	58,832	829	200	0	1,874	61,735	48,356	13,379	28%	45,275	16,460	36%
2026 / 27	59,072	829	200	0	1,854	61,954	48,801	13,153	27%	45,689	16,265	36%

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

2017
FRCC Form 11
CONTRACTED FIRM IMPORTS AND FIRM EXPORTS
FROM/TO OUTSIDE THE FRCC REGION AT TIME OF PEAK (MW)
AS OF JANUARY 1, 2017

SUMMER

	IMPORTS			EXPORTS		NET INTER-
YEAR	DEF	JEA	TOTAL		TOTAL	CHANGE
2017	424	0	424		0	424
2018	424	0	424		0	424
2019	424	100	524		0	524
2020	424	200	624		0	624
2021	0	200	200		0	200
2022	0	200	200		0	200
2023	0	200	200		0	200
2024	0	200	200		0	200
2025	0	200	200		0	200
2026	0	200	200		0	200

WINTER

	IMPORTS			EXPORTS		NET INTER-
YEAR	DEF	JEA	TOTAL		TOTAL	CHANGE
2017 / 18	424	0	424		0	424
2018 / 19	424	0	424		0	424
2019 / 20	424	100	524		0	524
2020 / 21	424	200	624		0	624
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
2026 / 27	0	200	200		0	200

2017
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, 2016

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
								GROSS CAPABILITY		NET CAPABILITY		POTENTIAL EXPORT TO GRID AT TIME OF PEAK				
												FIRM		UNCOMMITTED		
UTILITY	FACILITY NAME	UNIT NO.	LOCATION	UNIT TYPE	FUEL TYPE PRI	FUEL TYPE ALT	COMMERCIAL IN-SERVICE MO. / YEAR	SUM (MW)	WIN (MW)	SUM (MW)	WIN (MW)	SUM (MW)	WIN (MW)	SUM (MW)	WIN (MW)	CONTRACT STATUS
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	104.0	104.0	104.0	104.0	104.0	104.0	---	---	C
	ORLANDO COGEN	1	ORANGE	CA	NG	---	10 / 1993	125.2	135.0	123.2	133.0	115.0	115.0	9.0	18.8	C
	PASCO COUNTY RES. RECOV.	1	PASCO	ST	MSW	---	3 / 1991	26.0	26.0	23.0	23.0	23.0	23.0	---	---	C
	PINELLAS COUNTY RES. RECOV.	1	PINELLAS	ST	MSW	---	4 / 1983	44.6	44.6	40.0	40.0	40.0	40.0	---	---	C
	PINELLAS COUNTY RES. RECOV.	2	PINELLAS	ST	MSW	---	6 / 1986	17.1	17.1	14.8	14.8	14.8	14.8	---	---	C
	POTASH of SASKATCHEWAN	1	HAMILTON	ST	WH	---	1 / 1980	16.2	16.2	15.0	15.0	---	---	1.0	1.0	NC
	POTASH of SASKATCHEWAN	2	HAMILTON	ST	WH	---	5 / 1986	28.0	28.0	27.0	27.0	---	---	0.2	0.2	NC
	PROCTOR & GAMBLE (BUCKEYE)	1-4	TAYLOR	ST	WDS	---	1 / 1954	38.0	38.0	38.0	38.0	---	---	---	---	NC
	RIDGE GENERATING STATION	1	POLK	ST	WDS	---	5 / 1994	39.6	39.6	39.6	39.6	39.6	39.6	---	---	C
										DEF TOTAL:		**511.4**	**511.4**	**10.2**	**20.0**	
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
	TROPICANA	1	MANATEE	OT	NG	OTH	3 / 1990	46.7	46.7	46.7	46.7	---	---	---	---	NC
	WASTE MANAGEMENT (CCL)	1	BROWARD	OT	LFG	OTH	5 / 2011	7.2	7.2	7.2	7.2	---	---	---	---	NC
	WASTE MANAGEMENT (RE)	1	BROWARD	OT	LFG	OTH	4 / 1989	11.5	11.5	11.5	11.5	---	---	---	---	NC
										FPL TOTAL (Excluding Solar):		**333.5**	**333.5**	**0.0**	**0.0**	

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FLORIDA RELIABILITY COORDINATING COUNCIL

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EXISTING NON-UTILITY, QF, AND SELF SERVICE GENERATION FACILITIES
AS OF DECEMBER 31, 2016

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

2017
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, 2016

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
								GROSS CAPABILITY		NET CAPABILITY		POTENTIAL EXPORT TO GRID AT TIME OF PEAK				
							COMMERCIAL					FIRM		UNCOMMITTED		
		UNIT		UNIT	FUEL TYPE		IN-SERVICE	SUM	WIN	SUM	WIN	SUM	WIN	SUM	WIN	CONTRACT
UTILITY	FACILITY NAME	NO.	LOCATION	TYPE	PRI	ALT	MO. / YEAR	(MW)	(MW)	(MW)	(MW)	(MW)	(MW)	(MW)	(MW)	STATUS
TAMPA ELECTRIC COMPANY																
	CF INDUSTRIES	1	HILLSBOROUGH	ST	WH	---	12 / 1988	34.1	34.1	34.1	34.1	---	---	1.2	1.2	NC
	CITY OF TAMPA SEWAGE	1-5	HILLSBOROUGH	IC	OBG	---	7 / 1989	0.5	0.5	0.5	0.5	---	---	---	---	NC
	CUTRALE CITRUS JUICES	1-3	POLK	CC	NG	---	12 / 1987	6.5	6.5	6.5	6.5	---	---	---	---	NC
	MILLPOINT	1-3	HILLSBOROUGH	OT	WH	NG	12 / 1995	43.4	43.4	43.4	43.4	---	---	4.9	4.9	NC
	NEW WALES	1-2	POLK	ST	WH	---	12 / 1984	88.0	88.0	88.0	88.0	---	---	---	---	NC
	RIDGEWOOD	1-2	HILLSBOROUGH	ST	WH	---	10 / 1992	63.0	63.0	63.0	63.0	---	---	---	---	NC
	SOUTH PIERCE	1-2	POLK	ST	WH	---	9 / 1969	35.0	35.0	35.0	35.0	---	---	1.0	1.0	NC
	ST. JOSEPHS HOSPITAL	1	HILLSBOROUGH	IC	NG	---	4 / 1993	1.6	1.6	1.6	1.6	---	---	---	---	NC
											TEC TOTAL:	**0.0**	**0.0**	**7.1**	**7.1**	
											FRCC NON-UTILITY (Excluding Solar):	**1459**	**1554**	**17**	**27**	
											FRCC NON-UTILITY SOLAR:	**0**	**0**	**14**	**0**	
											FRCC NON-UTILITY TOTAL:	**1,459**	**1,554**	**32**	**27**	

2017
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, 2016

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
								POTENTIAL EXPORT TO GRID AT TIME OF PEAK				
								FIRM		UNCOMMITTED		
UTILITY	FACILITY NAME	UNIT NO.	LOCATION	UNIT TYPE	PRIMARY FUEL TYPE	COMMERCIAL IN-SERVICE MO. / YEAR	NAMEPLATE CAPABILITY$_{AC}$ (MW)	SUM (MW)	WIN (MW)	SUM (MW)	WIN (MW)	CONTRACT STATUS
FLORIDA POWER & LIGHT COMPANY												
	FIRST SOLAR	1	DADE	PV	SUN	3 / 2010	0.1	---	---	---	---	NC
	ROTHENBACK PARK	1	SARASOTA	PV	SUN	10 / 2007	0.2	---	---	---	---	NC
								0.0	**0.0**	**0.0**	**0.0**	
JEA												
	JACKSONVILLE SOLAR	1	DUVAL	PV	SUN	9 / 2010	15.0	---	---	---	---	C
								0.0	**0.0**	**0.0**	**0.0**	
LAKELAND CITY OF												
	AIRPORT PHASE 1		POLK	PV	SUN	1 / 2012	2.2	---	---	2.2	---	NC
	AIRPORT PHASE 2		POLK	PV	SUN	9 / 2012	2.7	---	---	2.7	---	NC
	AIRPORT PHASE 3		POLK	PV	SUN	12 / 2016	3.1	---	---	3.1	---	NC
	BELLA VISTA		POLK	PV	SUN	7 / 2015	6.0	---	---	6.0	---	NC
	LAKELAND CENTER		POLK	PV	SUN	3 / 2010	0.2	---	---	0.2	---	NC
								0.0	**0.0**	**14.2**	**0.0**	
						FRCC NON-UTILITY (Excluding Solar):		**1459**	**1554**	**17**	**27**	
						FRCC NON-UTILITY SOLAR:		**0**	**0**	**14**	**0**	
						FRCC NON-UTILITY TOTAL:		**1,459**	**1,554**	**32**	**27**	

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INSTALLATIONS, CHANGES, AND REMOVALS
JANUARY 1, 2017 THROUGH DECEMBER 31, 2026

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
							COMMERCIAL IN-SERVICE/ RETIREMENT/ OR CHANGE IN CONTRACT	GROSS CAPABILITY		NET CAPABILITY		POTENTIAL EXPORT TO GRID AT TIME OF PEAK				
												FIRM		UNCOMMITTED		
UTIL	FACILITY NAME	UNIT NO.	LOCATION	UNIT TYPE	FUEL TYPE PRI	FUEL TYPE ALT	MO. / YEAR	SUM (MW)	WIN (MW)	SUM (MW)	WIN (MW)	SUM (MW)	WIN (MW)	SUM (MW)	WIN (MW)	CONTRACT STATUS
	2017															
SEC	LEE COUNTY RES. RECOV.	1	LEE	ST	MSW	---	1 / 2017	-30.0	-36.0	-30.0	-36.0	-30.0	-36.0	---	---	CE
SEC	LEE COUNTY RES. RECOV.	2	LEE	ST	MSW	---	1 / 2017	-15.0	-19.0	-15.0	-19.0	-15.0	-19.0	---	---	CE
	2018															
SEC	BREVARD LANDFILL	1	BREVARD	ST	LFG	---	4 / 2018	-9.0	-9.0	-9.0	-9.0	-9.0	-9.0	---	---	CE
SEC	SEMINOLE LANDFILL	1	SEMINOLE	ST	LFG	---	4 / 2018	-6.2	-6.2	-6.2	-6.2	-6.2	-6.2	---	---	CE
DEF	US ECOGEN POLK	1	POLK	OT	AB	---	6 / 2018	60.0	60.0	60.0	60.0	60.0	60.0	---	---	C
JEA	TRAILRIDGE	1	DUVAL	IC	LFG	---	12 / 2018	9.0	9.0	9.0	9.0	-9.0	-9.0	---	---	CE
	2019															
FPL	INDIANTOWN	2	MARTIN	ST	BIT	---	3 / 2019	-330.0	-330.0	-330.0	-330.0	-330.0	-330.0	---	---	CE
	2020															
SEC	TIMBERLINE ENERGY	1	HERNANDO	ST	LFG	---	4 / 2020	-1.6	-1.6	-1.6	-1.6	-1.6	-1.6	---	---	CE
	2021															
	NO ENTRIES															
	2022															
	NO ENTRIES															

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JANUARY 1, 2017 THROUGH DECEMBER 31, 2026

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
							COMMERCIAL IN-SERVICE/ RETIREMENT/ OR CHANGE IN CONTRACT	GROSS CAPABILITY		NET CAPABILITY		POTENTIAL EXPORT TO GRID AT TIME OF PEAK				
												FIRM		UNCOMMITTED		
UTIL	FACILITY NAME	UNIT NO.	LOCATION	UNIT TYPE	FUEL TYPE PRI	FUEL TYPE ALT	MO. / YEAR	SUM (MW)	WIN (MW)	SUM (MW)	WIN (MW)	SUM (MW)	WIN (MW)	SUM (MW)	WIN (MW)	CONTRACT STATUS
	2023															
DEF	ORLANDO COGEN	1	ORANGE	CA	NG	---	12 / 2023	-125.2	-135.0	-123.2	-133.0	-115.0	-115.0	-9.0	-18.8	NC
GRU	G2 ENERGY	1	MARION	IC	LFG	---	12 / 2023	-4.0	-4.0	-3.7	-3.4	-3.7	-3.7	---	---	CE
SEC	TELOGIA POWER	1	LIBERTY	ST	WDS	---	12 / 2023	-13.0	-13.0	-13.0	-13.0	-13.0	-13.0	---	---	CE
	2024															
DEF	MULBERRY	1	POLK	CA	NG	---	9 / 2024	-115.0	-120.0	-115.0	-115.0	-115.0	-115.0	---	---	NC
	2025															
SEC	HILLSB. WASTE TO ENERGY	1	HILLSBOROUGH	ST	MSW	---	3 / 2025	-9.5	-9.5	-9.5	-9.5	-9.5	-9.5	---	---	CE
SEC	HILLSB. WASTE TO ENERGY	2	HILLSBOROUGH	ST	MSW	---	3 / 2025	-9.5	-9.5	-9.5	-9.5	-9.5	-9.5	---	---	CE
SEC	HILLSB. WASTE TO ENERGY	3	HILLSBOROUGH	ST	MSW	---	3 / 2025	-9.5	-9.5	-9.5	-9.5	-9.5	-9.5	---	---	CE
SEC	HILLSB. WASTE TO ENERGY	4	HILLSBOROUGH	ST	MSW	---	3 / 2025	-9.5	-9.5	-9.5	-9.5	-9.5	-9.5	---	---	CE
DEF	ORANGE COGEN (CFR-BIOGEN)	1	POLK	CS	NG	---	12 / 2025	-104.0	-104.0	-104.0	-104.0	-104.0	-104.0	---	---	CE
	2026															
SEC	CITY OF TAMPA REFUSE-TO-ENERGY	1	HILLSBOROUGH	ST	MSW	---	8 / 2026	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	---	---	CE

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JANUARY 1, 2017 THROUGH DECEMBER 31, 2026

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
						COMMERCIAL IN-SERVICE/ RETIREMENT/ OR CHANGE IN CONTRACT		POTENTIAL EXPORT TO GRID AT TIME OF PEAK				
								FIRM		UNCOMMITTED		
UTIL	FACILITY NAME	UNIT NO.	LOCATION	UNIT TYPE	PRIMARY FUEL TYPE	MO. / YEAR	NAMEPLATE CAPABILITY$_{AC}$ (MW)	SUM (MW)	WIN (MW)	SUM (MW)	WIN (MW)	CONTRACT STATUS
	2017											
JEA	MONTGOMERY SOLAR FARM	1	DUVAL	PV	SUN	5 / 2017	7.0	---	---	---	---	C
JEA	OLD PLANK ROAD SOLAR FARM	1	DUVAL	PV	SUN	8 / 2017	3.0	---	---	---	---	C
JEA	BLAIR SITE SOLAR	1	DUVAL	PV	SUN	12 / 2017	4.0	---	---	---	---	C
JEA	IMESON SOLAR	1	DUVAL	PV	SUN	12 / 2017	5.0	---	---	---	---	C
JEA	OLD KINGS ROAD SOLAR	1	DUVAL	PV	SUN	12 / 2017	1.0	---	---	---	---	C
JEA	SIMMONS ROAD SOLAR	1	DUVAL	PV	SUN	12 / 2017	2.0	---	---	---	---	C
JEA	STARRATT SOLAR	1	DUVAL	PV	SUN	12 / 2017	5.0	---	---	---	---	C
	2018											
TAL	FL SOLAR 1	1	LEON	PV	SUN	1 / 2018	26.0	---	---	20.0	20.0	C
DEF	SOLAR QF	1 & 2	UNKNOWN	PV	SUN	6 / 2018	150.0	---	---	---	---	NC
	2019											
DEF	SOLAR QF	3	UNKNOWN	PV	SUN	6 / 2019	75.0	---	---	---	---	NC
	2020											
DEF	SOLAR QF	4	UNKNOWN	PV	SUN	6 / 2020	75.0	---	---	---	---	NC
	2021											
DEF	SOLAR QF	5	UNKNOWN	PV	SUN	6 / 2021	75.0	---	---	---	---	NC
	2022											
DEF	SOLAR QF	6	UNKNOWN	PV	SUN	6 / 2022	75.0	---	---	---	---	NC
	2023											
DEF	SOLAR QF	7	UNKNOWN	PV	SUN	6 / 2023	75.0	---	---	---	---	NC

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INSTALLATIONS, CHANGES, AND REMOVALS
JANUARY 1, 2017 THROUGH DECEMBER 31, 2026

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
						COMMERCIAL IN-SERVICE/ RETIREMENT/ OR CHANGE IN CONTRACT		POTENTIAL EXPORT TO GRID AT TIME OF PEAK				
								FIRM		UNCOMMITTED		
UTIL	FACILITY NAME	UNIT NO.	LOCATION	UNIT TYPE	PRIMARY FUEL TYPE	MO. / YEAR	NAMEPLATE CAPABILITY$_{AC}$ (MW)	SUM (MW)	WIN (MW)	SUM (MW)	WIN (MW)	CONTRACT STATUS
	2024											
DEF	SOLAR QF	8	UNKNOWN	PV	SUN	6 / 2024	75.0	---	---	---	---	NC
	2025											
DEF	SOLAR QF	9	UNKNOWN	PV	SUN	6 / 2025	75.0	---	---	---	---	NC
	2026											
DEF	SOLAR QF	10	UNKNOWN	PV	SUN	6 / 2026	75.0	---	---	---	---	NC

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NON-UTILITY GENERATING FACILITIES SUMMARY

SUMMER			WINTER		
YEAR	FIRM NET TO GRID (MW)	UNCOMMITTED NUG GENERATION (MW)	YEAR	FIRM NET TO GRID (MW)	UNCOMMITTED NUG GENERATION (MW)
2017	1,413.9	31.5	2017/18	1,498.6	47.1
2018	1,458.7	51.5	2018/19	1,204.4	47.1
2019	1,119.7	51.5	2019/20	1,204.4	47.1
2020	1,118.1	51.5	2020/21	1,202.8	47.1
2021	1,118.1	51.5	2021/22	1,202.8	47.1
2022	1,118.1	51.5	2022/23	1,202.8	47.1
2023	1,118.1	51.5	2023/24	1,071.1	28.3
2024	986.4	42.5	2024/25	918.1	28.3
2025	833.4	33.5	2025/26	814.1	28.3
2026	709.4	24.5	2026/27	794.1	28.3

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(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
PURCHASING ENTITY	SELLING ENTITY	CONTRACT TERM		CONTRACT CAPACITY		PRIMARY FUEL	DESCRIPTION
		FROM (MM/DD/YY)	TO (MM/DD/YY)	SUMMER (MW)	WINTER (MW)		
ALACHUA	FMPA	08/14/83	---	0.4	0.4	NUC	Entitlement Share of St. Lucie Project (St. Lucie #2)
DEF	CAL	01/01/15	01/02/17	245	245	NG	Osprey Tolling Agreement
DEF	GE	04/01/07	04/30/24	158.7	172.4	NG	Shady Hills PPA
DEF	GE	04/01/07	04/30/24	158.7	172.4	NG	Shady Hills PPA
DEF	GE	04/01/07	04/30/24	158.7	172.4	NG	Shady Hills PPA
DEF	NSG	06/01/12	05/31/27	158.6	169.4	NG	Vandolah with present owner (Northern Star Generation)
DEF	NSG	06/01/12	05/31/27	158.6	169.4	NG	Vandolah with present owner (Northern Star Generation)
DEF	NSG	06/01/12	05/31/27	158.6	169.4	NG	Vandolah with present owner (Northern Star Generation)
DEF	NSG	06/01/12	05/31/27	158.6	169.4	NG	Vandolah with present owner (Northern Star Generation)
DEF	SOU	06/01/16	05/31/21	424	424	NG	Southern purchase extension
FKE	FPL	02/17/11	12/31/31	156	122	NG	FKE has entered into a long term full reqirements contract with FPL to purchase power
FMPA	KEY	04/01/98	12/31/32	36.5	36.5	DFO	All KEYS owned capacity is used by FMPA to serve the ARP
FMPA	KUA	01/01/14	---	241.7	252.7	NG	All KUA owned capacity is used by FMPA to serve the ARP
FMPA	SOU	10/01/03	09/30/23	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	22	0	OTH	Placeholder for meeting Summer loads plus reserve margin
FMPA	TBD	06/01/25	09/30/25	40	0	OTH	Placeholder for meeting Summer loads plus reserve margin
FMPA	TBD	06/01/26	09/30/26	58	0	OTH	Placeholder for meeting Summer loads plus reserve margin
FPL	JEA	03/01/87	03/31/19	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
GRU	A.R.	12/17/13	12/31/43	102.5	102.5	WDS	This is a woody waste fueled biomass unit
GRU	FIT	01/01/09	12/31/28	0.2	0.1	SUN	Load-reducing 2009 Feed-In Tariff installations
GRU	FIT	01/01/10	12/31/29	1.0	0.3	SUN	Load-reducing 2010 Feed-In Tariff installations
GRU	FIT	01/01/11	12/31/30	2.1	0.6	SUN	Load-reducing 2011 Feed-In Tariff installations
GRU	FIT	01/01/12	12/31/31	1.7	0.5	SUN	Load-reducing 2012 Feed-In Tariff installations
GRU	FIT	01/01/13	12/31/32	1.6	0.4	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)

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(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
PURCHASING ENTITY	SELLING ENTITY	CONTRACT TERM		CONTRACT CAPACITY		PRIMARY FUEL	DESCRIPTION
		FROM (MM/DD/YY)	TO (MM/DD/YY)	SUMMER (MW)	WINTER (MW)		
HST	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	06/01/39	100	100	NUC	Nuclear PPA from the Municipal Electric Authority of Georgia (MEAG) for Vogtle Unit 3
JEA	MEAG	06/01/20	06/01/40	100	100	NUC	Nuclear PPA from the Municipal Electric Authority of Georgia (MEAG) for Vogtle Unit 4
JEA	TBD	01/01/18	01/01/20	225	225	OTH	Annual Capacity & Energy
JEA	TBD	06/01/20	09/30/26	200	0	OTH	Summer Capacity & Energy Purchase
LWU	FMPA	08/14/83	01/01/46	21.6	22.4	NUC	Entitlement Share in St. Lucie Project (St. Lucie #2)
LWU	FMPA	07/01/87	01/01/46	10.4	10.4	BIT	Entitlement Share in Stanton Project (Stanton 1)
LWU	OUC	01/01/17	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	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	FPL	01/01/17	01/01/19	20	20	NG	Native Load Firm Peaking
NSB	TBD	01/01/18	12/31/24	60	60	NA	Future supply
OUC	OTH	10/01/13	09/30/33	2.6	2.6	LFG	LFG PPA (Port Charlotte)
OUC	OTH	07/01/15	12/31/17	9	9	LFG	LFG PPA (CBI)
OUC	OTH	01/01/17	12/31/36	6	6	LFG	LFG PPA (Orange County)
OUC	OTH	01/01/17	12/31/35	9.0	0	SUN	Stanton Solar Farm PPA
OUC	OTH	01/01/18	12/31/18	11	11	LFG	LFG PPA (CBI)
OUC	OTH	01/01/19	12/31/19	12	12	LFG	LFG PPA (CBI)
OUC	OTH	01/01/20	12/31/20	13	13	LFG	LFG PPA (CBI)
OUC	OTH	01/01/21	12/31/21	14	14	LFG	LFG PPA (CBI)
OUC	OTH	01/01/22	12/31/22	19	19	LFG	LFG PPA (CBI)
OUC	OTH	01/01/23	12/31/23	21	21	LFG	LFG PPA (CBI)
OUC	OTH	01/01/24	12/31/25	24	24	LFG	LFG PPA (CBI)

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PURCHASING ENTITY	SELLING ENTITY	CONTRACT TERM		CONTRACT CAPACITY		PRIMARY FUEL	DESCRIPTION
		FROM (MM/DD/YY)	TO (MM/DD/YY)	SUMMER (MW)	WINTER (MW)		
OUC	OTH	01/01/26	04/01/27	26	26	LFG	LFG PPA (CBI)
OUC	SOU	01/01/03	09/30/23	342	343	NG	OUC PPA with SOU for Stanton A capacity. No decision made whether to extend or terminate PPA at this time
RCI	DEF	03/01/16	03/01/31	2.1	2.2	SUN	PV PPA
RCI	DEF	01/01/17	12/31/17	138	89	NA	Firm Base Load Purchase, this is a reserved product
RCI	DEF	01/01/18	12/31/18	139	89	NA	Firm Base Load Purchase, this is a reserved product
RCI	DEF	01/01/19	12/31/19	140	90	NA	Firm Base Load Purchase, this is a reserved product
RCI	DEF	01/01/20	12/31/20	141	90	NA	Firm Base Load Purchase, this is a reserved product
RCI	HARVEST	03/01/14	12/31/34	1.2	1.2	OBG	Harvest Power anaerobic digester
RCI	TBD	01/01/19	12/31/20	9	9	NA	Undetermined Purchase, this is a reserved product
RCI	TBD	01/01/21	12/31/21	150	115	NA	Undetermined Purchase, this is a reserved product
RCI	TBD	01/01/22	12/31/22	151	116	NA	Undetermined Purchase, this is a reserved product
RCI	TBD	01/01/23	12/31/23	152	117	NA	Undetermined Purchase, this is a reserved product
RCI	TBD	01/01/24	12/31/24	153	118	NA	Undetermined Purchase, this is a reserved product
RCI	TBD	01/01/25	12/31/25	154	119	NA	Undetermined Purchase, this is a reserved product
RCI	TBD	01/01/26	12/31/26	155	119	NA	Undetermined Purchase, this is a reserved product
RCI	TBD	01/01/27	12/31/27	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	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	01/01/21	12/31/21	0	275	NA	System firm Winter Seasonal Peaking Capacity purchase
SEC	DEF	01/01/22	12/31/22	0	450	NA	System firm Winter Seasonal Peaking Capacity purchase
SEC	DEF	01/01/23	12/31/23	0	250	NA	System firm Winter Seasonal Peaking Capacity purchase
SEC	DEF	01/01/23	12/31/24	200	200	NA	System firm intermediate capacity purchase
SEC	DEF	01/01/24	12/31/24	0	300	NA	System firm Winter Seasonal Peaking Capacity purchase
SEC	DEF	01/01/25	12/31/25	0	350	NA	System firm Winter Seasonal Peaking Capacity purchase

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PURCHASING ENTITY	SELLING ENTITY	CONTRACT TERM		CONTRACT CAPACITY		PRIMARY FUEL	DESCRIPTION
		FROM (MM/DD/YY)	TO (MM/DD/YY)	SUMMER (MW)	WINTER (MW)		
SEC	DEF	01/01/26	12/31/26	0	225	NA	System firm Winter Seasonal Peaking Capacity purchase
SEC	DEF	01/01/27	03/31/27	0	300	NA	System firm Winter Seasonal Peaking Capacity purchase
SEC	FPL	06/01/14	05/31/21	200	200	NA	System firm intermediate capacity purchase
SEC	HILLS	03/01/10	02/28/25	38	38	MSW	Municipal solid waste facility (Hillsborough Waste to Energy)
SEC	HPP	01/01/13	12/31/32	74	91	NG	Intermediate firm capacity purchase - Hardee CT1A
SEC	HPP	01/01/13	12/31/32	70	89	NG	CT firm capacity purchase - Hardee CT2A
SEC	HPP	01/01/13	12/31/32	70	89	NG	CT firm capacity purchase - Hardee CT 2B
SEC	HPP	01/01/13	12/31/32	74	91	NG	Intermediate firm capacity purchase - Hardee CT1B
SEC	HPP	01/01/13	12/31/32	72	85	WH	Intermediate firm capacity purchase - Hardee ST1
SEC	OTH	01/01/14	12/31/54	54	54	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	1	NG	System firm seasonal purchase
SEC	TBD	06/01/21	09/30/21	152	0	NG	System firm seasonal purchase
SEC	TBD	12/01/21	03/31/22	0	37	NG	System firm seasonal purchase
SEC	TBD	06/01/22	09/30/22	208	0	NG	System firm seasonal purchase
SEC	TBD	12/01/22	03/31/23	0	6	NG	System firm seasonal purchase
SEC	TBD	12/01/23	03/31/24	0	31	NG	System firm seasonal purchase
SEC	TBD	06/01/24	09/30/24	44	0	NG	System firm seasonal purchase
SEC	TBD	06/01/25	09/30/25	125	0	NG	System firm seasonal purchase
SEC	TBD	12/01/25	03/31/26	0	200	NG	System firm seasonal purchase
SEC	TBD	06/01/26	09/30/26	197	0	NG	System firm seasonal purchase
SEC	TBD	12/01/26	03/31/27	0	224	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	01/01/46	15.1	15.1	BIT	Entitlement Share in Stanton II Project (Stanton 2)
STC	OUC	10/01/16	09/30/17	161	144	OTH	Interchange between OUC and STC per Interlocal Agreement
STC	OUC	10/01/17	09/30/18	166	149	OTH	Interchange between OUC and STC per Interlocal Agreement

2017

LOAD AND RESOURCE PLAN

FLORIDA RELIABILITY COORDINATING COUNCIL

FRCC Form 12

SUMMARY OF FIRM CAPACITY AND ENERGY CONTRACTS

AS OF JANUARY 1, 2017

(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	10/01/18	09/30/19	170	153	OTH	Interchange between OUC and STC per Interlocal Agreement
STC	OUC	10/01/19	09/30/20	174	157	OTH	Interchange between OUC and STC per Interlocal Agreement
STC	OUC	10/01/20	09/30/21	178	160	OTH	Interchange between OUC and STC per Interlocal Agreement
STC	OUC	10/01/21	09/30/22	183	163	OTH	Interchange between OUC and STC per Interlocal Agreement
STC	OUC	10/01/22	09/30/23	187	167	OTH	Interchange between OUC and STC per Interlocal Agreement
STC	OUC	10/01/23	09/30/24	191	171	OTH	Interchange between OUC and STC per Interlocal Agreement
STC	OUC	10/01/24	09/30/25	195	175	OTH	Interchange between OUC and STC per Interlocal Agreement
STC	OUC	10/01/25	09/30/26	200	179	OTH	Interchange between OUC and STC per Interlocal Agreement
STC	OUC	10/01/26	09/30/27	204	183	OTH	Interchange between OUC and STC per Interlocal Agreement
TEC	DEF	02/01/16	02/28/17	250	250	NG	Firm purchase contract with Duke Energy of Florida through 2/28/2017
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	01/01/46	13.2	13.7	NUC	Entitlement Share in St. Lucie Project (St. Lucie #2)
VER	FMPA	07/01/87	01/01/46	20.8	20.8	BIT	Entitlement Share in Stanton Project (Stanton 1)
VER	FMPA	07/01/87	01/01/46	17	17	BIT	Entitlement Share in Stanton II Project (Stanton 2)
VER	OUC	10/01/16	09/30/17	139	139	OTH	Represents MW projected to be provided to VER by OUC
VER	OUC	10/01/17	09/30/18	140	140	OTH	Represents MW projected to be provided to VER by OUC
VER	OUC	10/01/18	09/30/19	142	142	OTH	Represents MW projected to be provided to VER by OUC
VER	OUC	10/01/19	09/30/20	145	145	OTH	Represents MW projected to be provided to VER by OUC
VER	OUC	10/01/20	09/30/21	147	147	OTH	Represents MW projected to be provided to VER by OUC
VER	OUC	10/01/21	09/30/22	150	150	OTH	Represents MW projected to be provided to VER by OUC
VER	OUC	10/01/22	09/30/23	153	153	OTH	Represents MW projected to be provided to VER by OUC
VER	TBD	10/01/23	09/30/24	157	148	OTH	Unspecified PPA
VER	TBD	10/01/24	09/30/25	159	153	OTH	Unspecified PPA
VER	TBD	10/01/25	09/30/26	162	155	OTH	Unspecified PPA
VER	TBD	10/01/26	09/30/27	162	180	OTH	Unspecified PPA

2017
LOAD AND RESOURCE PLAN
FLORIDA RELIABILITY COORDINATING COUNCIL

FRCC Form 9.0
FUEL REQUIREMENTS
AS OF JANUARY 1, 2017

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
				ACTUAL										
	FUEL REQUIREMENTS		UNITS	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026
(1)	NUCLEAR		TRILLION BTU	321	310	308	317	316	315	321	316	316	321	316
(2)	COAL		1000 TON	17,543	19,165	15,427	14,060	14,471	14,946	15,099	15,217	15,405	13,769	13,991
	RESIDUAL													
(3)		STEAM	1000 BBL	792	235	53	141	15	5	1	2	2	9	13
(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	792	235	53	141	15	5	1	2	2	9	13
	DISTILLATE													
(7)		STEAM	1000 BBL	214	81	73	67	66	49	48	43	45	65	64
(8)		CC	1000 BBL	83	296	41	63	12	14	14	18	17	14	13
(9)		CT	1000 BBL	328	173	71	75	54	50	70	75	79	92	74
(10)		TOTAL:	1000 BBL	625	550	185	205	132	113	132	136	141	171	151
	NATURAL GAS													
(11)		STEAM	1000 MCF	99,950	74,422	67,632	63,471	61,232	54,770	56,556	51,838	55,261	54,828	54,388
(12)		CC	1000 MCF	944,748	930,358	982,550	1,005,642	1,002,622	1,006,737	1,009,172	1,026,073	1,031,561	1,067,817	1,082,158
(13)		CT	1000 MCF	30,940	21,589	21,883	20,865	19,952	22,629	24,094	21,625	27,238	28,919	30,650
(14)		TOTAL:	1000 MCF	1,075,638	1,026,369	1,072,065	1,089,978	1,083,806	1,084,136	1,089,822	1,099,536	1,114,060	1,151,564	1,167,196
(15)	OTHER	PET COKE	1000 TON	1,195	786	748	848	865	808	809	831	840	867	868
		LFG & BIOFUELS	1000 MMBTU	344	366	344	365	387	396	422	432	435	435	444

2017
LOAD AND RESOURCE PLAN
FLORIDA RELIABILITY COORDINATING COUNCIL

FRCC Form 9.1
ENERGY SOURCES (GWH)
AS OF JANUARY 1, 2017

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
				ACTUAL										
	ENERGY SOURCES		UNITS	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026
(1)	FIRM INTER-REGION INTERCHANGE		GWH	7,816	2,320	3,933	3,127	2,264	2,774	2,854	2,828	2,711	2,703	2,870
(2)	NUCLEAR		GWH	29,052	29,017	28,842	29,686	29,581	29,419	30,038	29,569	29,491	30,046	29,577
(3)	COAL		GWH	38,606	43,019	34,820	31,369	32,771	33,710	33,844	33,948	34,653	30,843	31,423
	RESIDUAL													
(4)		STEAM	GWH	446	154	34	92	10	3	1	1	1	6	8
(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	446	154	34	92	10	3	1	1	1	6	8
	DISTILLATE													
(8)		STEAM	GWH	55	22	20	20	19	18	17	15	15	16	16
(9)		CC	GWH	154	271	54	72	32	30	25	25	34	33	30
(10)		CT	GWH	138	80	36	43	24	27	29	32	25	31	22
(11)		TOTAL:	GWH	347	373	110	135	75	75	71	72	74	80	68
	NATURAL GAS													
(12)		STEAM	GWH	9,482	7,508	6,909	6,552	6,286	5,672	5,830	5,391	5,688	5,654	5,600
(13)		CC	GWH	134,967	135,630	144,360	149,693	150,625	150,054	150,188	152,191	153,201	158,493	160,560
(14)		CT	GWH	2,834	1,977	2,072	1,995	1,881	2,107	2,208	1,978	2,520	2,694	2,858
(15)		TOTAL:	GWH	147,283	145,115	153,341	158,240	158,792	157,833	158,226	159,560	161,409	166,841	169,018
(16)	NUG		GWH	0	0	0	0	0	0	0	0	0	0	0
	RENEWABLES													
(17)		BIOFUELS	GWH	20	24	24	24	24	24	24	24	24	24	24
(18)		BIOMASS	GWH	885	708	954	1,111	1,121	1,118	1,114	1,148	1,078	1,052	1,095
(19)		HYDRO	GWH	21	14	14	14	14	14	14	14	14	14	14
(20)		LANDFILL GAS	GWH	344	512	475	398	424	432	450	439	453	475	487
(21)		MSW	GWH	1,451	1,432	1,420	1,421	1,428	1,422	1,422	1,422	1,426	1,181	1,085
(22)		SOLAR	GWH	310	888	2,455	2,973	4,093	5,109	6,069	7,026	7,922	8,212	8,458
(23)		WIND	GWH	0	0	0	0	0	0	0	0	0	0	0
(24)		OTHER RENEW.	GWH	14	16	16	16	16	16	16	16	16	16	16
(25)		TOTAL:	GWH	3,045	3,594	5,358	5,957	7,120	8,135	9,109	10,089	10,933	10,974	11,179
(26)	OTHER		GWH	7,448	7,276	6,969	6,911	7,408	7,604	7,669	7,871	7,268	6,947	6,805
(27)	NET ENERGY FOR LOAD		GWH	234,043	230,868	233,407	235,517	238,021	239,553	241,812	243,938	246,540	248,440	250,948

2017
LOAD AND RESOURCE PLAN
FLORIDA RELIABILITY COORDINATING COUNCIL

FRCC Form 9.2
ENERGY SOURCES (%)
AS OF JANUARY 1, 2017

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
				ACTUAL										
	ENERGY SOURCES		UNITS	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026
(1)	FIRM INTER-REGION INTERCHANGE		%	3.34%	1.00%	1.69%	1.33%	0.95%	1.16%	1.18%	1.16%	1.10%	1.09%	1.14%
(2)	NUCLEAR		%	12.41%	12.57%	12.36%	12.60%	12.43%	12.28%	12.42%	12.12%	11.96%	12.09%	11.79%
(3)	COAL		%	16.50%	18.63%	14.92%	13.32%	13.77%	14.07%	14.00%	13.92%	14.06%	12.41%	12.52%
	RESIDUAL													
(4)		STEAM	%	0.19%	0.07%	0.01%	0.04%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
(5)		CC	%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
(6)		CT	%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
(7)		TOTAL:	%	0.19%	0.07%	0.01%	0.04%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	DISTILLATE													
(8)		STEAM	%	0.02%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%
(9)		CC	%	0.07%	0.12%	0.02%	0.03%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%
(10)		CT	%	0.06%	0.03%	0.02%	0.02%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%
(11)		TOTAL:	%	0.15%	0.16%	0.05%	0.06%	0.03%	0.03%	0.03%	0.03%	0.03%	0.03%	0.03%
	NATURAL GAS													
(12)		STEAM	%	4.05%	3.25%	2.96%	2.78%	2.64%	2.37%	2.41%	2.21%	2.31%	2.28%	2.23%
(13)		CC	%	57.67%	58.75%	61.85%	63.56%	63.28%	62.64%	62.11%	62.39%	62.14%	63.80%	63.98%
(14)		CT	%	1.21%	0.86%	0.89%	0.85%	0.79%	0.88%	0.91%	0.81%	1.02%	1.08%	1.14%
(15)		TOTAL:	%	62.93%	62.86%	65.70%	67.19%	66.71%	65.89%	65.43%	65.41%	65.47%	67.16%	67.35%
(16)	NUG		%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	RENEWABLES													
(17)		BIOFUELS	%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%
(18)		BIOMASS	%	0.38%	0.31%	0.41%	0.47%	0.47%	0.47%	0.46%	0.47%	0.44%	0.42%	0.44%
(19)		HYDRO	%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%
(20)		LANDFILL GAS	%	0.15%	0.22%	0.20%	0.17%	0.18%	0.18%	0.19%	0.18%	0.18%	0.19%	0.19%
(21)		MSW	%	0.62%	0.62%	0.61%	0.60%	0.60%	0.59%	0.59%	0.58%	0.58%	0.48%	0.43%
(22)		SOLAR	%	0.13%	0.38%	1.05%	1.26%	1.72%	2.13%	2.51%	2.88%	3.21%	3.31%	3.37%
(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:	%	1.30%	1.56%	2.30%	2.53%	2.99%	3.40%	3.77%	4.14%	4.43%	4.42%	4.45%
(26)	OTHER		%	3.18%	3.15%	2.99%	2.93%	3.11%	3.17%	3.17%	3.23%	2.95%	2.80%	2.71%
(27)	NET ENERGY FOR LOAD		%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

2017
LOAD AND RESOURCE PLAN
FLORIDA RELIABILITY COORDINATING COUNCIL

FRCC Form 13
SUMMARY AND SPECIFICATIONS OF PROPOSED TRANSMISSION LINES
AS OF JANUARY 1, 2017

(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 *
FPL	RAVEN	DUVAL	45	12 / 2018	230	759	TLSA
FPL	ST. JOHNS	PRINGLE	25	12 / 2018	230	759	TLSA
TAL	SUB 14 115	SUB 7 115	6	12 / 2018	115	230	NA
FPL	LEVEE	MIDWAY	150	6 / 2019	500	2598	TLSA
DEF	WILLISTON NORTH	BRONSON	14	11 / 2020	230	1370	NA
JEA	GREENLAND ENERGY CTR	NOCATEE	4.4	12 / 2020	230	668	NA
TEC	UNSITED	UNSITED (FUTURE CT1)	0	5 / 2021	0	0	NA
DEF	KATHLEEN	HAINES CITY EAST	50	6 / 2023	230	1260	NA
TEC	UNSITED	UNSITED (FUTURE CC1)	0	5 / 2024	0	0	NA

* TLSA: Transmission Line Siting Act

2017
LOAD AND RESOURCE PLAN
FLORIDA RELIABILITY COORDINATING COUNCIL

ABBREVIATIONS

ELECTRIC MARKET PARTICIPANTS

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

<u>OTHER</u>

FRCC	-	Florida Reliability Coordinating Council

2017
LOAD AND RESOURCE PLAN
FLORIDA RELIABILITY COORDINATING COUNCIL

GENERATION TERMS

Status of Generation Facilities

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

Ownership

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

Contracts

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

Types of Generation Units

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

Fuel Transportation Method

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

Types of Fuel

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

2017
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

2017
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 continous gross capacity, less the power required by all auxillaries 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

2017

REGIONAL LOAD & RESOURCE PLAN

2017
LOAD AND RESOURCE PLAN
STATE OF FLORIDA

HISTORY AND FORECAST

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
	SUMMER PEAK DEMAND (MW)					WINTER PEAK DEMAND (MW)					ENERGY	
YEAR	ACTUAL PEAK DEMAND (MW)				YEAR	ACTUAL PEAK DEMAND (MW)				YEAR	NET ENERGY FOR LOAD (GWH)	LOAD FACTOR (%)
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	48,649				**2015 / 16**	40,448				**2015**	248,351	58.3%
2016	50,621				**2016 / 17**	39,418				**2016**	248,019	55.9%

YEAR	TOTAL PEAK DEMAND (MW)	INTER-RUPTIBLE LOAD (MW)	LOAD MANAGE-MENT (MW)	NET FIRM PEAK DEMAND (MW)	YEAR	TOTAL PEAK DEMAND (MW)	INTER-RUPTIBLE LOAD (MW)	LOAD MANAGE-MENT (MW)	NET FIRM PEAK DEMAND (MW)	YEAR	NET ENERGY FOR LOAD (GWH)	LOAD FACTOR (%)
2017	50,379	474	2,448	47,457	**2017 / 18**	47,544	459	2,383	44,702	**2017**	244,736	58.9%
2018	50,941	503	2,498	47,940	**2018 / 19**	48,083	475	2,413	45,195	**2018**	247,397	58.9%
2019	51,509	520	2,534	48,455	**2019 / 20**	48,525	493	2,441	45,591	**2019**	249,620	58.8%
2020	51,891	540	2,569	48,782	**2020 / 21**	49,040	515	2,470	46,055	**2020**	252,265	59.0%
2021	52,459	562	2,604	49,293	**2021 / 22**	49,436	502	2,498	46,436	**2021**	253,881	58.8%
2022	52,952	556	2,634	49,762	**2022 / 23**	49,879	502	2,528	46,849	**2022**	256,195	58.8%
2023	53,578	550	2,666	50,362	**2023 / 24**	50,325	490	2,556	47,279	**2023**	258,383	58.6%
2024	54,252	537	2,696	51,019	**2024 / 25**	50,737	466	2,586	47,685	**2024**	261,054	58.4%
2025	54,898	511	2,724	51,663	**2025 / 26**	51,174	466	2,615	48,093	**2025**	263,029	58.1%
2026	55,545	511	2,754	52,280	**2026 / 27**	51,542	467	2,645	48,430	**2026**	265,609	58.0%

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

2017
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, 2017

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
	RURAL & RESIDENTIAL			COMMERCIAL			INDUSTRIAL										
YEAR	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.	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
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	117,738	8,666,064	13,586	85,996	1,077,633	79,801	17,355	22,706	764,335	857	5,736	227,682	0	12,827	12,987	-5,145	248,351
2016	118,453	8,786,683	13,481	86,158	1,091,505	78,935	17,248	23,035	748,774	848	5,700	228,407	0	13,237	11,825	-5,450	248,019
2007-2016																	
% AAGR	0.18%			0.45%			-3.27%										0.05%
2017	116,586	8,934,153	13,049	85,713	1,108,378	77,332	17,095	24,003	712,203	848	5,686	225,928	0	11,953	11,460	-4,605	244,736
2018	117,941	9,074,051	12,998	86,610	1,122,661	77,147	17,329	24,484	707,768	840	5,718	228,438	0	11,528	11,843	-4,412	247,397
2019	118,849	9,212,957	12,900	87,287	1,136,674	76,792	17,581	24,847	707,570	834	5,780	230,331	0	11,469	12,157	-4,337	249,620
2020	120,194	9,349,141	12,856	88,142	1,150,303	76,625	17,865	25,113	711,385	832	5,839	232,872	0	11,456	12,256	-4,319	252,265
2021	120,905	9,482,252	12,751	88,830	1,163,341	76,358	17,968	25,305	710,057	831	5,882	234,416	0	10,998	12,176	-3,709	253,881
2022	122,152	9,613,647	12,706	89,644	1,176,449	76,199	17,927	25,461	704,096	834	5,939	236,496	0	10,623	12,389	-3,313	256,195
2023	123,159	9,744,009	12,639	90,471	1,189,273	76,073	18,016	25,615	703,338	835	5,995	238,476	0	10,763	12,504	-3,360	258,383
2024	124,440	9,873,208	12,604	91,347	1,201,553	76,024	18,036	25,759	700,182	834	6,055	240,712	0	10,448	12,826	-2,932	261,054
2025	125,698	10,000,603	12,569	92,197	1,213,548	75,973	17,983	25,902	694,271	832	6,113	242,823	0	10,581	12,611	-2,986	263,029
2026	126,880	10,126,151	12,530	92,974	1,225,306	75,878	18,051	26,040	693,203	831	6,174	244,910	0	10,711	13,011	-3,023	265,609
2017-2026																	
% AAGR	0.94%			0.91%			0.61%										0.91%

2017
LOAD AND RESOURCE PLAN
STATE OF FLORIDA

FRCC Form 5.0

HISTORY AND FORECAST OF SUMMER PEAK DEMAND (MW)
AS OF JANUARY 1, 2017

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
								[(2)+(3)+(4)+(5)+(6)+(7)+(8)]
	SUMMER NET FIRM PEAK	DEMAND REDUCTION				CUMULATIVE CONSERVATION		SUMMER TOTAL
YEAR	DEMAND	INTERRUPTIBLE LOAD	RESIDENTIAL LOAD MANAGEMENT	COMM./IND. LOAD MANAGEMENT	SELF-SERVED GENERATION	RESIDENTIAL	COMM./IND.	DEMAND
2015	48,649	0	71	0	452	2,457	1,566	53,195
2016	50,621	0	75	0	450	2,529	1,600	55,275
2017	47,457	474	1,397	1,051	669	2,588	1,634	55,270
2018	47,940	503	1,428	1,070	631	2,648	1,662	55,882
2019	48,455	520	1,447	1,087	632	2,701	1,690	56,532
2020	48,782	540	1,464	1,105	631	2,751	1,719	56,992
2021	49,293	562	1,480	1,124	631	2,799	1,746	57,635
2022	49,762	556	1,495	1,139	631	2,847	1,772	58,202
2023	50,362	550	1,511	1,155	631	2,893	1,800	58,902
2024	51,019	537	1,525	1,171	631	2,940	1,827	59,650
2025	51,663	511	1,538	1,186	631	2,988	1,854	60,371
2026	52,280	511	1,552	1,202	631	3,035	1,879	61,090
CAAGR (%):	**1.08%**							

2017
LOAD AND RESOURCE PLAN
STATE OF FLORIDA

FRCC Form 6.0

HISTORY AND FORECAST OF WINTER PEAK DEMAND (MW)
AS OF JANUARY 1, 2017

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
								[(2)+(3)+(4)+(5)+(6)+(7)+(8)]
	WINTER NET FIRM PEAK	DEMAND REDUCTION				CUMULATIVE CONSERVATION		WINTER TOTAL
YEAR	DEMAND	INTERRUPTIBLE LOAD	RESIDENTIAL LOAD MANAGEMENT	COMM./IND. LOAD MANAGEMENT	SELF-SERVED GENERATION	RESIDENTIAL	COMM./IND.	DEMAND
2015/16	40,448	0	96	0	433	2,740	866	44,595
2016/17	39,418	0	88	0	463	2,789	880.99	43,651
2017/18	44,702	459	1,602	781	631	2,845	906	51,926
2018/19	45,195	475	1,622	791	632	2,890	921	52,526
2019/20	45,591	493	1,640	801	631	2,934	935	53,025
2020/21	46,055	515	1,658	812	631	2,977	953	53,601
2021/22	46,436	502	1,676	822	631	3,019	966	54,052
2022/23	46,849	502	1,696	832	631	3,060	984	54,554
2023/24	47,279	490	1,714	842	631	3,104	1,000	55,060
2024/25	47,685	466	1,733	853	631	3,146	1,017	55,531
2025/26	48,093	466	1,752	863	631	3,190	1,034	56,029
2026/27	48,430	467	1,771	874	631	3,230	1,051	56,454
CAAGR (%):	**0.89%**							

2017
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, 2017

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
								[(2)+(3)+(4)+(5)+(6)+(7)+(8)]
		ENERGY REDUCTION						
YEAR	NET ENERGY FOR LOAD	INTERRUPTIBLE LOAD	RESIDENTIAL LOAD MANAGEMENT	COMM./IND. LOAD MANAGEMENT	SELF-SERVED GENERATION	CUMULATIVE CONSERVATION RESIDENTIAL	CUMULATIVE CONSERVATION COMM./IND.	TOTAL ENERGY FOR LOAD
2015	248,351	0	0	0	1,425	5,811	4,490	260,078
2016	248,019	0	0	0	1,518	5,924	4,591	260,053
2017	244,736	0	0	9	2,471	6,017	4,677	257,911
2018	247,397	0	0	9	2,470	6,106	4,745	260,728
2019	249,620	0	0	9	2,470	6,201	4,810	263,111
2020	252,265	0	0	10	2,471	6,294	4,878	265,919
2021	253,881	0	0	10	2,460	6,387	4,945	267,684
2022	256,195	0	0	10	2,460	6,481	5,014	270,161
2023	258,383	0	0	10	2,460	6,575	5,083	272,512
2024	261,054	0	0	10	2,461	6,669	5,154	275,349
2025	263,029	0	0	10	2,460	6,765	5,227	277,492
2026	265,609	0	0	10	2,460	6,857	5,299	280,236
CAAGR (%):	**0.91%**							

2017
LOAD AND RESOURCE PLAN
STATE OF FLORIDA

SUMMARY OF INTERRUPTIBLE LOAD AND LOAD MANAGEMENT (MW)
2017 THROUGH 2026

SUMMER

YEAR	FRCC TOTALS			STATE TOTALS			STATE TOTAL INT + LM
	INT	RES LM	COM LM	INT	RES LM	COM LM	
2017	474	1,397	1,051	474	1,397	1,051	2,922
2018	503	1,428	1,070	503	1,428	1,070	3,001
2019	520	1,447	1,087	520	1,447	1,087	3,054
2020	540	1,464	1,105	540	1,464	1,105	3,109
2021	562	1,480	1,124	562	1,480	1,124	3,166
2022	556	1,495	1,139	556	1,495	1,139	3,190
2023	550	1,511	1,155	550	1,511	1,155	3,216
2024	537	1,525	1,171	537	1,525	1,171	3,233
2025	511	1,538	1,186	511	1,538	1,186	3,235
2026	511	1,552	1,202	511	1,552	1,202	3,265

WINTER

YEAR	FRCC TOTALS			STATE TOTALS			STATE TOTAL INT + LM
	INT	RES LM	COM LM	INT	RES LM	COM LM	
2017/18	459	1,602	781	459	1,602	781	2,842
2018/19	475	1,622	791	475	1,622	791	2,888
2019/20	493	1,640	801	493	1,640	801	2,934
2020/21	515	1,658	812	515	1,658	812	2,985
2021/22	502	1,676	822	502	1,676	822	3,000
2022/23	502	1,696	832	502	1,696	832	3,030
2023/24	490	1,714	842	490	1,714	842	3,046
2024/25	466	1,733	853	466	1,733	853	3,052
2025/26	466	1,752	863	466	1,752	863	3,081
2026/27	467	1,771	874	467	1,771	874	3,112

2017
LOAD AND RESOURCE PLAN
STATE OF FLORIDA
SUMMARY OF EXISTING CAPACITY
AS OF DECEMBER 31, 2016

UTILITY	NET CAPABILITY (MW) SUMMER	WINTER
GULF POWER COMPANY	2,251	2,290
POWERSOUTH ENERGY COOPERATIVE	1,902	2,098
TOTALS		
FRCC REGION	49,986	53,952
STATE OF FLORIDA	54,139	58,340
FRCC FIRM NON-UTILITY PURCHASES	4,156	4,446
STATE FIRM NON-UTILITY PURCHASES	4,156	4,446
TOTAL FRCC REGION	**54,142**	**58,398**
TOTAL STATE OF FLORIDA	**58,295**	**62,786**

2017
LOAD AND RESOURCE PLAN
STATE OF FLORIDA
FRCC Form 1.0
EXISTING GENERATING FACILITIES AS OF DECEMBER 31, 2016

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
				PRIMARY FUEL		ALTERNATE FUEL		ALT. FUEL STORAGE	COMMERCIAL	EXPECTED	GROSS CAPABILITY		NET CAPABILITY		
PLANT NAME	UNIT NO.	LOCATION	UNIT TYPE	FUEL TYPE	TRANSP. METHOD	FUEL TYPE	TRANSP. METHOD	(DAYS BURN)	IN-SERVICE MO. / YEAR	RETIREMENT MO. / YEAR	SUMMER (MW)	WINTER (MW)	SUMMER (MW)	WINTER (MW)	STATUS
GULF POWER COMPANY															
CRIST	4	ESCAMBIA	ST	BIT	WA	NG	PL	0	7 / 1959	--- / ------	79.0	79.0	75.0	75.0	OP
CRIST	5	ESCAMBIA	ST	BIT	WA	NG	PL	0	6 / 1961	--- / ------	77.0	77.0	75.0	75.0	OP
CRIST	6	ESCAMBIA	ST	BIT	WA	NG	PL	0	5 / 1970	--- / ------	317.0	317.0	299.0	299.0	OP
CRIST	7	ESCAMBIA	ST	BIT	WA	NG	PL	0	8 / 1973	--- / ------	498.0	498.0	475.0	475.0	OP
DANIEL *	1	JACKSON, MS	ST	BIT	RR	RFO	TK	0	9 / 1977	--- / ------	259.0	259.0	255.0	255.0	OP
DANIEL *	2	JACKSON, MS	ST	BIT	RR	RFO	TK	0	6 / 1981	--- / ------	259.0	259.0	255.0	255.0	OP
LANSING SMITH	3	BAY	CC	NG	PL	---	---	0	4 / 2002	--- / ------	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	--- / ------	224.0	224.0	214.0	214.0	OP
											GPC TOTAL:		**2,251**	**2,290**	

*Jointly Owned Unit

2017
LOAD AND RESOURCE PLAN
STATE OF FLORIDA
FRCC Form 1.0
EXISTING GENERATING FACILITIES AS OF DECEMBER 31, 2016

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
				PRIMARY FUEL		ALTERNATE FUEL		ALT. FUEL STORAGE	COMMERCIAL	EXPECTED	GROSS CAPABILITY		NET CAPABILITY		
PLANT NAME	UNIT NO.	LOCATION	UNIT TYPE	FUEL TYPE	TRANSP. METHOD	FUEL TYPE	TRANSP. METHOD	(DAYS BURN)	IN-SERVICE MO. / YEAR	RETIREMENT MO. / YEAR	SUMMER (MW)	WINTER (MW)	SUMMER (MW)	WINTER (MW)	STATUS
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	---	---	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	--- / ------	168.0	203.0	168.0	203.0	OP
MCWILLIAMS	VAN2	COVINGTON, AL	CT	NG	PL	---	---	0	1 / 2002	--- / ------	168.0	203.0	168.0	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:			**1,902**	**2,098**	
										FRCC TOTAL:			**49,986**	**53,952**	
										STATE TOTAL:			**54,139**	**58,340**	

*Jointly Owned Unit

2017
LOAD AND RESOURCE PLAN
STATE OF FLORIDA
FRCC Form 1.1
PLANNED AND PROSPECTIVE GENERATING FACILITY ADDITIONS AND CHANGES
(JANUARY 1, 2017 THROUGH DECEMBER 31, 2026)

(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 TYPE	PRIMARY FUEL TRANS.	ALTERNATE FUEL TYPE	ALTERNATE FUEL TRANS.	ALT. FUEL STORAGE (DAYS BURN)	EFFECTIVE CHANGE DATE MO. / YEAR	GROSS CAPABILITY SUMMER (MW)	GROSS CAPABILITY WINTER (MW)	NET CAPABILITY SUMMER (MW)	NET CAPABILITY WINTER (MW)	CHANGE/ STATUS
	2017														
GPC	LANSING SMITH	3	BAY	CC	NG	PL	---	---	0	6 / 2017	21.0	21.0	21.0	21.0	OP
											2017 TOTAL:		**21**	**21**	
	2018														
GPC	PEA RIDGE	1	SANTA ROSA	GT	NG	PL	---	---	---	12 / 2018	-4.0	-5.0	-4.0	-5.0	RT
GPC	PEA RIDGE	2	SANTA ROSA	GT	NG	PL	---	---	---	12 / 2018	-4.0	-5.0	-4.0	-5.0	RT
GPC	PEA RIDGE	3	SANTA ROSA	GT	NG	PL	---	---	---	12 / 2018	-4.0	-5.0	-4.0	-5.0	RT
											2018 TOTAL:		**-12**	**-15**	
	2019														
	NO ENTRIES														
	2020														
	NO ENTRIES														
	2021														
	NO ENTRIES														

*Jointly Owned Unit

2017
LOAD AND RESOURCE PLAN
STATE OF FLORIDA
FRCC Form 1.1
PLANNED AND PROSPECTIVE GENERATING FACILITY ADDITIONS AND CHANGES
(JANUARY 1, 2017 THROUGH DECEMBER 31, 2026)

(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 TYPE	PRIMARY FUEL TRANS.	ALTERNATE FUEL TYPE	ALTERNATE FUEL TRANS.	ALT. FUEL STORAGE (DAYS BURN)	EFFECTIVE CHANGE DATE MO. / YEAR	GROSS CAPABILITY SUMMER (MW)	GROSS CAPABILITY WINTER (MW)	NET CAPABILITY SUMMER (MW)	NET CAPABILITY WINTER (MW)	CHANGE/ STATUS
	2022														
	NO ENTRIES														
	2023														
GPC	UNNAMED CT	N/A	ESCAMBIA	CT	NG	PL	DFO	TK	0	6 / 2023	662.0	685.0	654.0	677.0	P
											2023 TOTAL:		**654**	**677**	
	2024														
	NO ENTRIES														
	2025														
	NO ENTRIES														
	2026														
	NO ENTRIES														
										FRCC FUTURE TOTAL:			**7,126**	**5,949**	
										STATE FUTURE TOTAL:			**7,789**	**6,632**	

*Jointly Owned Unit

2017
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)
	INSTALLED CAPACITY		FIRM INTERCHANGE		FIRM	TOTAL		RESERVE MARGIN W/O EXERCISING		NET FIRM	RESERVE MARGIN WITH EXERCISING	
	INSIDE STATE	OUTSIDE STATE	STATE IMPORTS	STATE EXPORTS	NON-UTILITY PURCHASES	AVAILABLE CAPACITY	TOTAL PEAK DEMAND	LOAD MANAGEMENT & INT.		PEAK DEMAND	LOAD MANAGEMENT & INT.	
YEAR	(MW)	(MW)	(MW)	(MW)	(MW)	(MW)	(MW)	(MW)	% OF PEAK	(MW)	(MW)	% OF PEAK
2017	51,534	3,454	1,398	50	3,881	60,218	50,379	9,839	20%	47,457	12,761	27%
2018	51,032	3,454	1,398	50	3,928	59,762	50,941	8,821	17%	47,940	11,822	25%
2019	52,491	3,454	1,498	50	3,469	60,862	51,509	9,353	18%	48,455	12,407	26%
2020	52,749	3,454	1,598	0	3,484	61,285	51,891	9,394	18%	48,782	12,503	26%
2021	53,704	3,454	1,174	0	3,026	61,358	52,459	8,899	17%	49,293	12,065	24%
2022	55,398	3,454	1,174	0	3,031	63,057	52,952	10,105	19%	49,762	13,295	27%
2023	57,201	3,454	289	0	3,033	63,977	53,578	10,399	19%	50,362	13,615	27%
2024	57,809	3,454	289	0	2,007	63,559	54,252	9,307	17%	51,019	12,540	25%
2025	58,249	3,454	289	0	1,854	63,846	54,898	8,948	16%	51,663	12,183	24%
2026	58,474	3,454	289	0	1,717	63,934	55,545	8,389	15%	52,280	11,654	22%

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)
	INSTALLED CAPACITY		FIRM INTERCHANGE		FIRM	TOTAL		RESERVE MARGIN W/O EXERCISING		NET FIRM	RESERVE MARGIN WITH EXERCISING	
	INSIDE STATE	OUTSIDE STATE	STATE IMPORTS	STATE EXPORTS	NON-UTILITY PURCHASES	AVAILABLE CAPACITY	TOTAL PEAK DEMAND	LOAD MANAGEMENT & INT.		PEAK DEMAND	LOAD MANAGEMENT & INT.	
YEAR	(MW)	(MW)	(MW)	(MW)	(MW)	(MW)	(MW)	(MW)	% OF PEAK	(MW)	(MW)	% OF PEAK
2017 / 18	54,338	3,651	1,418	50	4,154	63,512	47,544	15,968	34%	44,702	18,810	42%
2018 / 19	54,256	3,651	1,418	50	3,740	63,015	48,083	14,932	31%	45,195	17,820	39%
2019 / 20	56,077	3,651	1,518	50	3,756	64,952	48,525	16,427	34%	45,591	19,361	42%
2020 / 21	56,064	3,651	1,618	0	3,755	65,088	49,040	16,048	33%	46,055	19,033	41%
2021 / 22	56,876	3,651	1,194	0	3,214	64,935	49,436	15,499	31%	46,436	18,499	40%
2022 / 23	59,009	3,651	1,194	0	3,216	67,070	49,879	17,191	34%	46,849	20,221	43%
2023 / 24	60,121	3,651	309	0	2,661	66,741	50,325	16,416	33%	47,279	19,462	41%
2024 / 25	60,842	3,651	309	0	1,991	66,793	50,737	16,056	32%	47,685	19,108	40%
2025 / 26	61,081	3,651	309	0	1,874	66,915	51,174	15,741	31%	48,093	18,822	39%
2026 / 27	61,321	3,651	309	0	1,854	67,134	51,542	15,592	30%	48,430	18,704	39%

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

2017
LOAD AND RESOURCE PLAN
STATE OF FLORIDA

FRCC Form 3.0
EXISTING NON-UTILITY, QF, AND SELF SERVICE GENERATION FACILITIES
AS OF DECEMBER 31, 2016

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
								GROSS CAPABILITY		NET CAPABILITY		POTENTIAL EXPORT TO GRID AT TIME OF PEAK				
							COMMERCIAL					FIRM		UNCOMMITTED		
UTILITY	FACILITY NAME	UNIT NO.	LOCATION	UNIT TYPE	FUEL TYPE PRI	FUEL TYPE ALT	IN-SERVICE MO. / YEAR	SUM (MW)	WIN (MW)	SUM (MW)	WIN (MW)	SUM (MW)	WIN (MW)	SUM (MW)	WIN (MW)	CONTRACT STATUS
GULF POWER COMPANY																
	BAY COUNTY RESOURCE RECOV.	1	BAY	ST	MSW	---	2 / 1987	12.5	12.5	11.0	11.0	---	---	11.0	11.0	NC
	INTERNATIONAL PAPER COMPANY	1	ESCAMBIA	ST	WDS	NG	5 / 1983	28.1	28.1	21.4	21.4	---	---	---	---	NC
	INTERNATIONAL PAPER COMPANY	2	ESCAMBIA	ST	WDS	NG	5 / 1983	28.1	28.1	21.4	21.4	---	---	---	---	NC
	PENSACOLA CHRISTIAN COLLEGE	1	ESCAMBIA	ST	NG	---	4 / 1988	1.1	1.1	1.1	1.1	---	---	---	---	NC
	PENSACOLA CHRISTIAN COLLEGE	2	ESCAMBIA	ST	NG	---	4 / 1988	1.1	1.1	1.1	1.1	---	---	---	---	NC
	PENSACOLA CHRISTIAN COLLEGE	3	ESCAMBIA	ST	NG	---	4 / 1988	1.1	1.1	1.1	1.1	---	---	---	---	NC
	PENSACOLA CHRISTIAN COLLEGE	4	ESCAMBIA	IC	NG	---	6 / 2006	1.8	1.8	1.8	1.8	---	---	---	---	NC
	PENSACOLA CHRISTIAN COLLEGE	5	ESCAMBIA	IC	NG	---	6 / 2006	1.8	1.8	1.8	1.8	---	---	---	---	NC
	PENSACOLA CHRISTIAN COLLEGE	6	ESCAMBIA	IC	NG	---	6 / 2006	1.8	1.8	1.8	1.8	---	---	---	---	NC
	PENSACOLA CHRISTIAN COLLEGE	7	ESCAMBIA	IC	NG	---	6 / 2006	1.8	1.8	1.8	1.8	---	---	---	---	NC
	PENSACOLA CHRISTIAN COLLEGE	8	ESCAMBIA	IC	NG	---	6 / 2006	1.8	1.8	1.8	1.8	---	---	---	---	NC
	PENSACOLA CHRISTIAN COLLEGE	9	ESCAMBIA	IC	NG	---	6 / 2006	1.8	1.8	1.8	1.8	---	---	---	---	NC
	PENSACOLA CHRISTIAN COLLEGE	10	ESCAMBIA	IC	NG	---	6 / 2006	1.8	1.8	1.8	1.8	---	---	---	---	NC
	PENSACOLA CHRISTIAN COLLEGE	11	ESCAMBIA	IC	NG	---	6 / 2006	1.8	1.8	1.8	1.8	---	---	---	---	NC
	SOLUTIA	1	ESCAMBIA	ST	NG	DFO	1 / 1954	5.0	5.0	5.0	5.0	---	---	---	---	NC
	SOLUTIA	2	ESCAMBIA	ST	NG	DFO	1 / 1954	5.0	5.0	5.0	5.0	---	---	---	---	NC
	SOLUTIA	3	ESCAMBIA	ST	NG	DFO	1 / 1954	6.0	6.0	6.0	6.0	---	---	---	---	NC
	SOLUTIA	4	ESCAMBIA	ST	NG	---	5 / 2005	86.0	86.0	86.0	86.0	---	---	---	---	NC
	STONE CONTAINER	1	BAY	ST	DFO	NG	1 / 1960	4.0	4.0	4.0	4.0	---	---	---	---	NC
	STONE CONTAINER	2	BAY	ST	BIT	---	1 / 1960	5.0	5.0	5.0	5.0	---	---	---	---	NC
	STONE CONTAINER	3	BAY	ST	WDS	NG	1 / 1960	8.6	8.6	8.6	8.6	---	---	---	---	NC
	STONE CONTAINER	4	BAY	ST	WDS	NG	1 / 1960	17.1	17.1	17.1	17.1	---	---	---	---	NC
			GPC TOTAL:									**0.0**	**0.0**	**11.0**	**11.0**	
									FRCC NON-UTILITY TOTAL:			**1,459**	**1,554**	**32**	**41**	
									STATE NON-UTILITY TOTAL:			**1,459**	**1,554**	**43**	**52**	

2017
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, 2017 THROUGH DECEMBER 31, 2026

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
							COMMERCIAL IN-SERVICE/ RETIREMENT/ OR CHANGE IN	GROSS CAPABILITY		NET CAPABILITY		POTENTIAL EXPORT TO GRID AT TIME OF PEAK				
												FIRM		UNCOMMITTED		
UTIL	FACILITY NAME	UNIT NO.	LOCATION	UNIT TYPE	FUEL TYPE PRI	FUEL TYPE ALT	CONTRACT MO. / YEAR	SUM (MW)	WIN (MW)	SUM (MW)	WIN (MW)	SUM (MW)	WIN (MW)	SUM (MW)	WIN (MW)	CONTRACT STATUS
	2017															
	NO ENTRIES															
	2018															
	NO ENTRIES															
	2019															
	NO ENTRIES															
	2020															
	NO ENTRIES															
	2021															
	NO ENTRIES															
	2022															
	NO ENTRIES															
	2023															
	NO ENTRIES															
	2024															
	NO ENTRIES															
	2025															
	NO ENTRIES															
	2026															

2017
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, 2017 THROUGH DECEMBER 31, 2026

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

2017
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)
2017	1,413.9	42.5	2017/18	1,498.6	58.1
2018	1,458.7	62.5	2018/19	1,204.4	58.1
2019	1,119.7	62.5	2019/20	1,204.4	58.1
2020	1,118.1	62.5	2020/21	1,202.8	58.1
2021	1,118.1	62.5	2021/22	1,202.8	58.1
2022	1,118.1	62.5	2022/23	1,202.8	58.1
2023	1,118.1	62.5	2023/24	1,071.1	39.3
2024	986.4	53.5	2024/25	918.1	39.3
2025	833.4	44.5	2025/26	814.1	39.3
2026	709.4	35.5	2026/27	794.1	39.3

2017

LOAD AND RESOURCE PLAN

STATE OF FLORIDA

FRCC Form 12

SUMMARY OF FIRM CAPACITY AND ENERGY CONTRACTS

AS OF JANUARY 1, 2017

(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	SOU	06/01/16	05/31/21	424	424	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	MSCG	01/01/17	12/31/35	89	109	WND	Purchase from Morgan Stanley Capital Group MSCG
GPC	SENA	06/01/14	05/24/23	885	885	NG	PPA with power marketer (Shell Energy)
JEA	MEAG	06/01/19	06/01/39	100	100	NUC	Nuclear PPA from the Municipal Electric Authority of Georgia (MEAG) for Vogtle Unit 3
JEA	MEAG	06/01/20	06/01/40	100	100	NUC	Nuclear PPA from the Municipal Electric Authority of Georgia (MEAG) for Vogtle Unit 4

2017
LOAD AND RESOURCE PLAN
STATE OF FLORIDA

FRCC Form 9.0
FUEL REQUIREMENTS
AS OF JANUARY 1, 2017

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
				ACTUAL										
	FUEL REQUIREMENTS		UNITS	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026
(1)	NUCLEAR		TRILLION BTU	321	310	308	317	316	315	321	316	316	321	316
(2)	COAL		1000 TON	20,260	21,424	16,658	15,917	16,533	17,390	17,350	18,027	18,420	17,085	17,230
	RESIDUAL													
(3)		STEAM	1000 BBL	792	235	53	141	15	5	1	2	2	9	13
(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	792	235	53	141	15	5	1	2	2	9	13
	DISTILLATE													
(7)		STEAM	1000 BBL	238	95	82	79	78	62	61	58	60	79	80
(8)		CC	1000 BBL	83	296	41	63	12	14	14	18	17	14	13
(9)		CT	1000 BBL	329	173	71	75	54	50	70	77	81	93	77
(10)		TOTAL:	1000 BBL	650	564	194	217	144	126	145	153	158	186	170
	NATURAL GAS													
(11)		STEAM	1000 MCF	100,470	74,422	67,632	63,471	61,232	54,770	56,556	51,838	55,261	54,828	54,388
(12)		CC	1000 MCF	1,007,920	996,761	1,053,206	1,081,066	1,069,685	1,068,439	1,071,185	1,062,434	1,059,447	1,097,496	1,110,887
(13)		CT	1000 MCF	32,764	22,924	23,350	21,737	20,711	23,520	24,803	27,182	33,997	36,426	38,444
(14)		TOTAL:	1000 MCF	1,141,154	1,094,107	1,144,188	1,166,274	1,151,628	1,146,729	1,152,544	1,141,454	1,148,705	1,188,750	1,203,719
(15)	OTHER	PET COKE	1000 TON	1,195	786	748	848	865	808	809	831	840	867	868
		LFG & BIOFUELS	1000 MMBTU	601	605	583	604	627	635	661	671	675	674	683

2017
LOAD AND RESOURCE PLAN
STATE OF FLORIDA

FRCC Form 9.1
ENERGY SOURCES (GWH)
AS OF JANUARY 1, 2017

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
				ACTUAL										
	ENERGY SOURCES		UNITS	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026
(1)	FIRM INTER-REGION INTERCHANGE		GWH	6,043	237	3,600	795	702	1,148	1,671	436	4,008	3,012	3,542
(2)	NUCLEAR		GWH	29,052	29,017	28,842	29,686	29,581	29,419	30,038	29,569	29,491	30,046	29,577
(3)	COAL		GWH	43,638	48,051	37,566	35,556	37,502	39,332	39,049	40,443	41,573	38,475	38,872
	RESIDUAL													
(4)		STEAM	GWH	446	154	34	92	10	3	1	1	1	6	8
(5)		CC	GWH	864	790	924	1,038	995	968	978	961	952	902	896
(6)		CT	GWH	75	14	26	82	71	83	66	33	16	16	16
(7)		TOTAL:	GWH	1,385	958	984	1,212	1,076	1,054	1,045	995	969	924	920
	DISTILLATE													
(8)		STEAM	GWH	55	22	20	20	19	18	17	15	15	16	16
(9)		CC	GWH	154	271	54	72	32	30	25	25	34	33	30
(10)		CT	GWH	139	80	36	43	24	27	29	33	26	32	23
(11)		TOTAL:	GWH	348	373	110	135	75	75	71	73	75	81	69
	NATURAL GAS													
(12)		STEAM	GWH	9,501	7,508	6,909	6,552	6,286	5,672	5,830	5,391	5,688	5,654	5,600
(13)		CC	GWH	143,604	144,096	153,265	159,166	158,977	157,688	157,848	159,355	156,197	161,812	163,747
(14)		CT	GWH	2,902	2,058	2,153	1,995	1,881	2,107	2,208	2,494	3,172	3,422	3,614
(15)		TOTAL:	GWH	156,007	153,662	162,327	167,713	167,144	165,467	165,886	167,240	165,057	170,888	172,961
(16)	NUG		GWH	171	172	174	176	177	179	181	183	185	186	188
	RENEWABLES													
(17)		BIOFUELS	GWH	20	24	24	24	24	24	24	24	24	24	24
(18)		BIOMASS	GWH	885	708	954	1,111	1,121	1,118	1,114	1,148	1,078	1,052	1,095
(19)		HYDRO	GWH	25	19	19	19	19	19	19	19	19	19	19
(20)		LANDFILL GAS	GWH	368	537	500	423	449	457	475	464	478	500	512
(21)		MSW	GWH	1,508	1,465	1,420	1,421	1,428	1,422	1,422	1,422	1,426	1,181	1,085
(22)		SOLAR	GWH	310	992	2,695	3,212	4,331	5,345	6,304	7,260	8,155	8,444	8,688
(23)		WIND	GWH	675	1,031	1,031	1,031	1,033	1,031	1,031	1,031	1,033	1,031	1,031
(24)		OTHER RENEW.	GWH	14	16	16	16	16	16	16	16	16	16	16
(25)		TOTAL:	GWH	3,805	4,792	6,659	7,257	8,421	9,432	10,405	11,384	12,229	12,267	12,470
(26)	OTHER			7,570	7,474	7,135	7,090	7,587	7,775	7,849	8,060	7,467	7,150	7,010
(27)	NET ENERGY FOR LOAD			248,019	244,736	247,397	249,620	252,265	253,881	256,195	258,383	261,054	263,029	265,609

2017
LOAD AND RESOURCE PLAN
STATE OF FLORIDA

FRCC Form 9.2
ENERGY SOURCES (%)
AS OF JANUARY 1, 2017

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
				ACTUAL										
	ENERGY SOURCES		**UNITS**	**2016**	**2017**	**2018**	**2019**	**2020**	**2021**	**2022**	**2023**	**2024**	**2025**	**2026**
(1)	**FIRM INTER-REGION INTERCHANGE**		**%**	2.44%	0.10%	1.46%	0.32%	0.28%	0.45%	0.65%	0.17%	1.54%	1.15%	1.33%
(2)	**NUCLEAR**		**%**	11.71%	11.86%	11.66%	11.89%	11.73%	11.59%	11.72%	11.44%	11.30%	11.42%	11.14%
(3)	**COAL**		**%**	17.59%	19.63%	15.18%	14.24%	14.87%	15.49%	15.24%	15.65%	15.93%	14.63%	14.64%
	RESIDUAL													
(4)		**STEAM**	**%**	0.18%	0.06%	0.01%	0.04%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
(5)		**CC**	**%**	0.35%	0.32%	0.37%	0.42%	0.39%	0.38%	0.38%	0.37%	0.36%	0.34%	0.34%
(6)		**CT**	**%**	0.03%	0.01%	0.01%	0.03%	0.03%	0.03%	0.03%	0.01%	0.01%	0.01%	0.01%
(7)		**TOTAL:**	**%**	0.56%	0.39%	0.40%	0.49%	0.43%	0.42%	0.41%	0.39%	0.37%	0.35%	0.35%
	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**	**%**	0.06%	0.11%	0.02%	0.03%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%
(10)		**CT**	**%**	0.06%	0.03%	0.01%	0.02%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%
(11)		**TOTAL:**	**%**	0.14%	0.15%	0.04%	0.05%	0.03%	0.03%	0.03%	0.03%	0.03%	0.03%	0.03%
	NATURAL GAS													
(12)		**STEAM**	**%**	3.83%	3.07%	2.79%	2.62%	2.49%	2.23%	2.28%	2.09%	2.18%	2.15%	2.11%
(13)		**CC**	**%**	57.90%	58.88%	61.95%	63.76%	63.02%	62.11%	61.61%	61.67%	59.83%	61.52%	61.65%
(14)		**CT**	**%**	1.17%	0.84%	0.87%	0.80%	0.75%	0.83%	0.86%	0.97%	1.22%	1.30%	1.36%
(15)		**TOTAL:**	**%**	62.90%	62.79%	65.61%	67.19%	66.26%	65.18%	64.75%	64.73%	63.23%	64.97%	65.12%
(16)	**NUG**		**%**	0.07%	0.07%	0.07%	0.07%	0.07%	0.07%	0.07%	0.07%	0.07%	0.07%	0.07%
	RENEWABLES													
(17)		**BIOFUELS**	**%**	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%
(18)		**BIOMASS**	**%**	0.36%	0.29%	0.39%	0.45%	0.44%	0.44%	0.43%	0.44%	0.41%	0.40%	0.41%
(19)		**HYDRO**	**%**	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%
(20)		**LANDFILL GAS**	**%**	0.15%	0.22%	0.20%	0.17%	0.18%	0.18%	0.19%	0.18%	0.18%	0.19%	0.19%
(21)		**MSW**	**%**	0.61%	0.60%	0.57%	0.57%	0.57%	0.56%	0.56%	0.55%	0.55%	0.45%	0.41%
(22)		**SOLAR**	**%**	0.12%	0.41%	1.09%	1.29%	1.72%	2.11%	2.46%	2.81%	3.12%	3.21%	3.27%
(23)		**WIND**	**%**	0.27%	0.42%	0.42%	0.41%	0.41%	0.41%	0.40%	0.40%	0.40%	0.39%	0.39%
(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:**	**%**	1.53%	1.96%	2.69%	2.91%	3.34%	3.72%	4.06%	4.41%	4.68%	4.66%	4.69%
(26)	**OTHER**		**%**	3.05%	3.05%	2.88%	2.84%	3.01%	3.06%	3.06%	3.12%	2.86%	2.72%	2.64%
(27)	**NET ENERGY FOR LOAD**		**%**	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%

2017
LOAD AND RESOURCE PLAN
STATE OF FLORIDA

FRCC Form 13
SUMMARY AND SPECIFICATIONS OF PROPOSED TRANSMISSION LINES
AS OF JANUARY 1, 2017

(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

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

2017
LOAD AND RESOURCE PLAN
FLORIDA RELIABILITY COORDINATING COUNCIL

EXISTING MERCHANT GENERATION FACILITIES
IN FLORIDA
AS OF DECEMBER 31, 2016

(1)	(2)	(3)	(4)	(5)	(6)	(7) (8)	(9)	(10)			(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	
								GROSS CAPABILITY			NET CAPABILITY		POTENTIAL EXPORT TO GRID AT TIME OF PEAK							
													FIRM		UNCOMMITTED					
FACILITY NAME	UNIT NO.	LOCATION (COUNTY)	UNIT TYPE	FUEL TYPE PRI	FUEL TYPE ALT	COMMERCIAL IN-SERVICE MO. / YEAR	RETIREMENT MO. / YEAR	SUM (MW)		WIN (MW)	SUM (MW)	WIN (MW)	SUM (MW)	WIN (MW)	SUM (MW)	WIN (MW)	OWNERSHIP	UNIT STATUS	CONTRACT STATUS	
CALPINE EASTERN (CAL)																				
AUBURNDALE PEAKER ENERGY CTR	CTP	POLK	GT	NG	DFO	5 / 2002	--- / -----	130.1	(1)	---	117.0	126.0	117.0	117.0	---	9.0	MER	OP	C	
GENERAL ELECTRIC (GE)																				
SHADY HILLS POWER CO.	1 GT	PASCO	GT	NG	DFO	2 / 2002	--- / -----	180.2	(1)	---	156.0	172.0	156.0	172.0	---	---	MER	OP	C	(2)
SHADY HILLS POWER CO.	2 GT	PASCO	GT	NG	DFO	2 / 2002	--- / -----	180.2	(1)	---	156.0	172.0	156.0	172.0	---	---	MER	OP	C	(2)
SHADY HILLS POWER CO.	3 GT	PASCO	GT	NG	DFO	2 / 2002	--- / -----	180.2	(1)	---	156.0	172.0	156.0	172.0	---	---	MER	OP	C	(2)
SANTA ROSA ENERGY CENTER, LLC (SREC)																				
SANTA ROSA ENERGY CENTER	CT01	SANTA ROSA	CT	NG	---	6 / 2003	--- / -----	165.7	(1)	177.7	161.4	173.4	---	---	161.0	173.0	MER	OP	NC	
SANTA ROSA ENERGY CENTER	ST01	SANTA ROSA	CA	WH	---	6 / 2003	--- / -----	74.5	(1)	74.5	74.5	74.5	---	---	75.0	75.0	MER	OP	NC	
NORTHERN STAR GENERATING SERVICES (NSG)																				
VANDOLAH POWER CO.	1	HARDEE	GT	NG	DFO	6 / 2002	6 / 2042	162.7		172.6	160.7	170.6	160.7	170.6	---	---	MER	OP	C	
VANDOLAH POWER CO.	2	HARDEE	GT	NG	DFO	6 / 2002	6 / 2042	162.7		172.6	160.7	170.6	160.7	170.6	---	---	MER	OP	C	
VANDOLAH POWER CO.	3	HARDEE	GT	NG	DFO	6 / 2002	6 / 2042	162.7		172.6	160.7	170.6	160.7	170.6	---	---	MER	OP	C	
VANDOLAH POWER CO.	4	HARDEE	GT	NG	DFO	6 / 2002	6 / 2042	162.7		172.6	160.7	170.6	160.7	170.6	---	---	MER	OP	C	
NRG ENERGY, INC (NRG)																				
OSCEOLA	1	OSCEOLA	GT	NG	DFO	12 / 2001	--- / -----	155.0		167.0	150.0	163.0	---	---	150.0	163.0	IPP/MER	SB	NC	(3)
OSCEOLA	2	OSCEOLA	GT	NG	DFO	12 / 2001	--- / -----	155.0		167.0	150.0	163.0	---	---	150.0	163.0	IPP/MER	SB	NC	(3)
OSCEOLA	3	OSCEOLA	GT	NG	DFO	3 / 2002	--- / -----	155.0		167.0	150.0	163.0	---	---	150.0	163.0	IPP/MER	SB	NC	(3)
SOUTHERN POWER COMPANY (SOU)																				
OLEANDER POWER PROJECT	1	BREVARD	GT	NG	DFO	6 / 2005	--- / -----	156.4		167.8	155.4	166.8	0.0	0.0	155.4	166.8	MER	OP	NC	
OLEANDER POWER PROJECT	2	BREVARD	GT	NG	DFO	6 / 2005	--- / -----	157.0		168.4	156.00	167.4	156.0	167.4	0.0	0.0	MER	OP	C	
OLEANDER POWER PROJECT	3	BREVARD	GT	NG	DFO	6 / 2005	--- / -----	154.9		166.2	153.9	165.2	153.9	165.2	0.0	0.0	MER	OP	C	
OLEANDER POWER PROJECT	4	BREVARD	GT	NG	DFO	6 / 2005	--- / -----	156.8		168.4	155.8	167.4	155.8	167.4	0.0	0.0	MER	OP	C	
OLEANDER POWER PROJECT	5	BREVARD	GT	NG	DFO	12 / 2007	--- / -----	160.7		173.4	159.7	172.4	159.7	172.4	0.0	0.0	MER	OP	C	
STANTON ENERGY CENTER	A	ORANGE	CT	NG	DFO	10 / 2003	--- / -----	415.4		433.4	406.4	424.5	406.4	424.5	0.0	0.0	MER	OP	C	(4)
									TOTALS:		**3,101**	**3,325**	**2,260**	**2,412**	**841**	**913**				

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

2017
LOAD AND RESOURCE PLAN
FLORIDA RELIABILITY COORDINATING COUNCIL

PLANNED AND PROSPECTIVE MERCHANT GENERATION FACILITIES
IN FLORIDA
JANUARY 1, 2017 THROUGH DECEMBER 31, 2026

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
								GROSS CAPABILITY		NET CAPABILITY		POTENTIAL EXPORT TO GRID AT TIME OF PEAK						
												FIRM		UNCOMMITTED				
UTIL	FACILITY NAME	UNIT NO.	LOCATION (COUNTY)	UNIT TYPE	FUEL TYPE PRI	FUEL TYPE ALT	EFFECTIVE CHANGE DATE MO. / YEAR	SUM (MW)	WIN (MW)	SUM (MW)	WIN (MW)	SUM (MW)	WIN (MW)	SUM (MW)	WIN (MW)	OWNERSHIP	UNIT STATUS	CONTRACT STATUS
CALPINE EASTERN (CAL)																		
	No Activity Reported																	
GENERAL ELECTRIC (GE)																		
	SHADY HILLS POWER CO.	4CC	PASCO	CC	NG	DFO	6 / 2021	---	---	500.0	520.0	---	---	500.0	520.0	MER	NS	NC
SANTA ROSA ENERGY CENTER, LLC (SREC)																		
	No Activity Reported																	
NORTHERN STAR GENERATING SERVICES (NSG)																		
	No Activity Reported																	
NRG ENERGY, INC (NRG)																		
	No Activity Reported																	
SOUTHERN POWER COMPANY (SOU)																		
	No Activity Reported																	

2017
LOAD AND RESOURCE PLAN
FLORIDA RELIABILITY COORDINATING COUNCIL

PLANNED AND PROSPECTIVE MERCHANT GENERATION FACILITIES
IN FLORIDA
JANUARY 1, 2017 THROUGH DECEMBER 31, 2026

ORDERED BY IN-SERVICE DATE

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
								GROSS CAPABILITY		NET CAPABILITY		POTENTIAL EXPORT TO GRID AT TIME OF PEAK						
												FIRM		UNCOMMITTED				
UTIL	FACILITY NAME	UNIT NO.	LOCATION	UNIT TYPE	FUEL TYPE PRI	FUEL TYPE ALT	EFFECTIVE CHANGE DATE MO. / YEAR	SUM (MW)	WIN (MW)	SUM (MW)	WIN (MW)	SUM (MW)	WIN (MW)	SUM (MW)	WIN (MW)	OWNERSHIP	UNIT STATUS	CONTRACT STATUS
	2017																	
	No Activity Reported																	
	2018																	
	No Activity Reported																	
	2019																	
	No Activity Reported																	
	2020																	
	No Activity Reported																	
	2021																	
GE	SHADY HILLS POWER CO.	4CC	PASCO	CC	NG	DFO	6 / 2021	---	---	500.0	520.0	---	---	500.0	520.0	MER	NS	NC
	2022																	
	No Activity Reported																	
	2023																	
	No Activity Reported																	
	2024																	
	No Activity Reported																	
	2025																	
	No Activity Reported																	
	2026																	
	No Activity Reported																	
							2017 - 2026 TOTALS:			**500.0**	**520.0**	**0.0**	**0.0**	**500.0**	**520.0**			

2017
LOAD AND RESOURCE PLAN
FLORIDA RELIABILITY COORDINATING COUNCIL

SUMMARY OF MERCHANT FIRM CAPACITY AND ENERGY CONTRACTS
As of January 1, 2017

(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 2016 (Summer) and Dec 2016 (Winter).
FMPA	SOU	10/01/03	09/30/23	81	85	SOU Ownership contracted to FMPA (Stanton A)
FMPA	SOU	12/16/07	12/15/22	160	172	Oleander Unit 5
OUC	SOU	10/01/03	09/30/23	325	340	SOU Ownership contracted to OUC (Stanton A)
SEC	SOU	01/01/10	05/31/21	156	167	Oleander Unit 2
SEC	SOU	01/01/10	05/31/21	154	165	Oleander Unit 3
SEC	SOU	01/01/10	05/31/21	156	167	Oleander Unit 4

2017
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)
2017	2,259.6	841.4	3,101.0	2017/18	2,412.3	912.8	3,325.1
2018	2,259.6	841.4	3,101.0	2018/19	2,412.3	912.8	3,325.1
2019	2,259.6	841.4	3,101.0	2019/20	2,412.3	912.8	3,325.1
2020	2,259.6	841.4	3,101.0	2020/21	2,412.3	912.8	3,325.1
2021	1,793.6	1,807.4	3,601.0	2021/22	1,914.0	1,931.1	3,845.1
2022	1,793.6	1,807.4	3,601.0	2022/23	1,742.0	2,103.1	3,845.1
2023	1,633.6	1,967.4	3,601.0	2023/24	1,317.0	2,528.1	3,845.1
2024	759.6	2,841.4	3,601.0	2024/25	801.0	3,044.1	3,845.1
2025	759.6	2,841.4	3,601.0	2025/26	801.0	3,044.1	3,845.1
2026	759.6	2,841.4	3,601.0	2026/27	801.0	3,044.1	3,845.1

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.