



2012
Regional
Load & Resource
Plan

July 2012

**FLORIDA RELIABILITY COORDINATING COUNCIL
2012
REGIONAL LOAD & RESOURCE PLAN
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FLORIDA RELIABILITY COORDINATING COUNCIL

2012

REGIONAL LOAD & RESOURCE PLAN

Introduction

FRCC Regional Load & Resource Plan

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

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

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

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

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

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

**2012
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 (%)
2002	39,903				2002 / 03	44,472				2002	210,649	60.3%
2003	40,417				2003 / 04	35,564				2003	219,342	56.3%
2004	42,172				2004 / 05	41,090				2004	219,914	59.5%
2005	45,924				2005 / 06	43,202				2005	226,660	56.3%
2006	45,344				2006 / 07	38,023				2006	230,054	57.9%
2007	46,525				2007 / 08	41,495				2007	232,863	57.1%
2008	44,706				2008 / 09	45,590				2008	226,852	57.9%
2009	46,260				2009 / 10	51,767				2009	225,964	55.8%
2010	45,564				2010 / 11	45,876				2010	233,158	51.4%
2011	44,798				2011 / 12	39,924				2011	224,055	55.8%

YEAR	TOTAL PEAK DEMAND (MW)	INTER-RUPTIBLE LOAD (MW)	LOAD MANAGEMENT (MW)	NET FIRM PEAK DEMAND (MW)	YEAR	TOTAL PEAK DEMAND (MW)	INTER-RUPTIBLE LOAD (MW)	LOAD MANAGEMENT (MW)	NET FIRM PEAK DEMAND (MW)	YEAR	NET ENERGY FOR LOAD (GWH)	LOAD FACTOR (%)
2012	45,613	620	2,563	42,430	2012 / 13	46,864	579	2,727	43,558	2012	224,337	56.1%
2013	46,270	613	2,616	43,041	2013 / 14	46,367	552	2,766	43,049	2013	227,095	55.3%
2014	46,857	570	2,669	43,618	2014 / 15	47,568	545	2,795	44,228	2014	230,481	56.2%
2015	47,758	579	2,720	44,459	2015 / 16	48,172	547	2,835	44,790	2015	235,490	56.3%
2016	48,594	581	2,771	45,242	2016 / 17	48,797	555	2,945	45,297	2016	239,191	56.2%
2017	49,244	589	2,853	45,802	2017 / 18	49,298	559	2,987	45,752	2017	242,626	56.2%
2018	49,643	593	2,898	46,152	2018 / 19	49,908	573	3,030	46,305	2018	245,696	56.5%
2019	50,356	609	2,944	46,803	2019 / 20	50,570	587	3,073	46,910	2019	249,324	56.5%
2020	51,191	624	2,986	47,581	2020 / 21	51,218	595	3,114	47,509	2020	254,024	56.6%
2021	51,933	632	3,028	48,273	2021 / 22	51,921	595	3,157	48,169	2021	259,024	56.9%

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

2012
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, 2012

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
YEAR	RURAL & RESIDENTIAL			COMMERCIAL			INDUSTRIAL			STREET & HIGHWAY LIGHTING GWH	OTHER SALES GWH	TOTAL SALES GWH	WHOLESALE PURCHASES FOR RESALE GWH	WHOLESALE SALES FOR RESALE GWH	UTILITY USE & LOSSES GWH	NET ENERGY FOR LOAD GWH
	GWH	AVERAGE NO. OF CUSTOMERS	AVG. KWH CONSUMPTION PER CUST.	GWH	AVERAGE NO. OF CUSTOMERS	AVG. KWH CONSUMPTION PER CUST.	GWH	AVERAGE NO. OF CUSTOMERS	AVG. KWH CONSUMPTION PER CUST.							
2002	101,307	7,051,608	14,367	70,261	864,098	81,311	19,986	28,340	705,222	768	4,503	196,825	0	6,743	20,567	210,649
2003	105,720	7,224,624	14,633	72,031	882,244	81,645	20,321	30,792	659,944	775	4,775	203,622	0	7,425	23,145	219,342
2004	105,151	7,422,229	14,167	72,696	903,916	80,423	21,074	33,710	625,156	773	4,898	204,592	0	8,231	23,553	219,914
2005	108,840	7,611,707	14,299	75,072	928,969	80,812	21,268	35,893	592,539	789	5,099	211,068	0	9,290	24,882	226,660
2006	109,854	7,797,284	14,089	76,594	953,167	80,357	21,289	37,475	568,085	795	5,194	213,726	0	7,850	24,178	230,054
2007	111,029	7,972,577	13,926	78,798	980,139	80,395	21,215	35,830	592,102	813	5,410	217,265	0	9,335	24,933	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	24,530	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	21,942	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	26,034	233,158
2011	108,249	7,991,450	13,546	76,373	984,175	77,601	18,757	26,929	696,535	825	5,342	209,546	0	6,840	21,349	224,055
2002-2011																
% AAGR	0.74%			0.93%			-0.70%									0.69%
2012	106,201	8,054,922	13,185	77,097	1,000,175	77,084	19,181	27,460	698,507	842	5,279	208,600	0	6,873	22,610	224,337
2013	107,709	8,141,314	13,230	78,544	1,015,127	77,374	19,179	28,304	677,607	855	5,289	211,576	0	6,244	21,763	227,095
2014	107,937	8,127,547	13,280	79,447	1,020,133	77,879	19,134	29,180	655,723	868	5,395	212,781	0	9,818	27,518	230,481
2015	110,279	8,258,381	13,354	81,278	1,038,174	78,289	19,390	30,226	641,501	881	5,551	217,379	0	10,837	28,948	235,490
2016	112,205	8,382,949	13,385	82,574	1,056,852	78,132	19,515	31,201	625,461	895	5,702	220,891	0	10,235	28,535	239,191
2017	114,104	8,511,863	13,405	83,669	1,075,079	77,826	19,667	31,948	615,594	909	5,834	224,183	0	9,609	28,052	242,626
2018	115,960	8,637,756	13,425	84,712	1,092,703	77,525	19,822	32,529	609,364	924	5,945	227,363	0	9,351	27,684	245,696
2019	117,990	8,763,271	13,464	85,740	1,110,423	77,214	20,014	33,161	603,540	941	6,055	230,740	0	9,994	28,578	249,324
2020	120,598	8,888,233	13,568	87,175	1,128,214	77,268	20,239	33,829	598,274	955	6,164	235,131	0	10,121	29,014	254,024
2021	123,313	9,011,310	13,684	88,816	1,145,943	77,505	20,412	34,467	592,219	967	6,271	239,779	0	10,125	29,370	259,024
2012-2021																
% AAGR	1.67%			1.58%			0.69%									1.61%

**2012
LOAD AND RESOURCE PLAN
FLORIDA RELIABILITY COORDINATING COUNCIL**

**FRCC Form 5.0
HISTORY AND FORECAST OF SUMMER PEAK DEMAND (MW)
AS OF JANUARY 1, 2012**

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
								[(2)+(3)+(4)+(5)+(6)+(7)+(8)]
YEAR	SUMMER NET FIRM PEAK DEMAND	DEMAND REDUCTION			SELF-SERVED GENERATION	CUMULATIVE CONSERVATION		SUMMER TOTAL DEMAND
		INTERRUPTIBLE LOAD	RESIDENTIAL LOAD MANAGEMENT	COMM./IND. LOAD MANAGEMENT		RESIDENTIAL	COMM./IND.	
2010	45,564	67	106	0	289	1,612	1,067	48,705
2011	44,798	70	100	0	230	1,723	1,104	48,025
2012	42,430	620	1,516	1,047	388	1,828	1,147	48,977
2013	43,041	613	1,538	1,078	450	1,927	1,203	49,851
2014	43,618	570	1,542	1,127	480	2,032	1,257	50,625
2015	44,459	579	1,566	1,154	480	2,135	1,309	51,682
2016	45,242	581	1,590	1,181	480	2,235	1,361	52,670
2017	45,802	589	1,646	1,207	480	2,334	1,413	53,471
2018	46,152	593	1,667	1,231	480	2,430	1,462	54,016
2019	46,803	609	1,687	1,257	480	2,527	1,511	54,874
2020	47,581	624	1,710	1,276	480	2,609	1,552	55,832
2021	48,273	632	1,732	1,296	480	2,683	1,587	56,683
CAAGR (%):	1.44%							

**2012
LOAD AND RESOURCE PLAN
FLORIDA RELIABILITY COORDINATING COUNCIL**

FRCC Form 6.0
HISTORY AND FORECAST OF WINTER PEAK DEMAND (MW)
AS OF JANUARY 1, 2012

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
								[(2)+(3)+(4)+(5)+(6)+(7)+(8)]
YEAR	WINTER NET FIRM PEAK DEMAND	DEMAND REDUCTION			SELF-SERVED GENERATION	CUMULATIVE CONSERVATION		WINTER TOTAL DEMAND
		INTERRUPTIBLE LOAD	RESIDENTIAL LOAD MANAGEMENT	COMM./IND. LOAD MANAGEMENT		RESIDENTIAL	COMM./IND.	
2010/11	45,876	99	111	0	227	1,845	528	48,686
2011/12	39,924	60	133	0	296	1,952	563	42,928
2012/13	43,558	579	1,899	828	450	2,068	577	49,959
2013/14	43,049	552	1,921	845	480	2,229	622	49,698
2014/15	44,228	545	1,913	882	480	2,396	667	51,111
2015/16	44,790	547	1,935	900	480	2,571	713	51,935
2016/17	45,297	555	2,027	918	480	2,727	756	52,761
2017/18	45,752	559	2,051	936	480	2,887	801	53,465
2018/19	46,305	573	2,075	955	480	3,045	843	54,276
2019/20	46,910	587	2,101	972	480	3,201	882	55,134
2020/21	47,509	595	2,127	987	480	3,337	914	55,949
2021/22	48,169	595	2,154	1,003	480	3,460	941	56,802
CAAGR (%):	1.12%							

**2012
LOAD AND RESOURCE PLAN
FLORIDA RELIABILITY COORDINATING COUNCIL**

**FRCC Form 7.0
HISTORY AND FORECAST OF ANNUAL NET ENERGY FOR LOAD (GWH)
AS OF JANUARY 1, 2012**

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
								[(2)+(3)+(4)+(5)+(6)+(7)+(8)]
YEAR	NET ENERGY FOR LOAD	ENERGY REDUCTION			SELF-SERVED GENERATION	CUMULATIVE CONSERVATION		TOTAL ENERGY FOR LOAD
		INTERRUPTIBLE LOAD	RESIDENTIAL LOAD MANAGEMENT	COMM./IND. LOAD MANAGEMENT		RESIDENTIAL	COMM./IND.	
2010	233,158	0	2	0	2,041	3,827	3,124	242,152
2011	224,055	0	1	0	2,630	4,115	3,285	234,086
2012	224,337	0	7	7	2,706	4,293	3,400	234,750
2013	227,095	0	9	7	3,067	4,471	3,535	238,184
2014	230,481	0	10	7	3,258	4,648	3,654	242,058
2015	235,490	0	12	7	3,243	4,821	3,774	247,347
2016	239,191	0	13	8	3,259	4,991	3,894	251,356
2017	242,626	0	16	8	3,256	5,157	4,013	255,076
2018	245,696	0	18	8	3,256	5,321	4,128	258,427
2019	249,324	0	20	8	3,256	5,483	4,242	262,333
2020	254,024	0	22	8	3,259	5,615	4,337	267,265
2021	259,024	0	23	8	3,256	5,746	4,430	272,487
CAAGR (%):	1.61%							

**2012
LOAD AND RESOURCE PLAN
FLORIDA RELIABILITY COORDINATING COUNCIL
SUMMARY OF INTERRUPTIBLE LOAD AND LOAD MANAGEMENT (MW)
2012 THROUGH 2021
SUMMER**

YEAR	FKE			FPL		JEA	LAK	NSB	OUC	PEF			SEC		TAL		TEC			FRCC TOTALS			FRCC TOTAL INT + LM
	INT	RES LM	COM LM	RES LM	COM LM	INT	INT	RES LM	INT	INT	RES LM	COM LM	INT	RES LM	RES LM	COM LM	INT	RES LM	COM LM	INT	RES LM	COM LM	
2012	0	3	0	1,036	865	113	0	4	0	275	329	103	107	89	0	4	125	55	75	620	1,516	1,047	3,183
2013	0	3	0	1,048	884	131	0	4	0	257	334	107	107	89	5	10	118	55	77	613	1,538	1,078	3,229
2014	0	3	0	1,075	922	131	0	5	0	241	339	111	93	53	11	14	105	56	80	570	1,542	1,127	3,239
2015	0	3	0	1,088	940	131	0	5	0	253	344	116	93	53	16	16	102	57	82	579	1,566	1,154	3,299
2016	0	3	0	1,101	959	131	0	5	0	254	349	120	93	53	21	17	103	58	85	581	1,590	1,181	3,352
2017	0	3	0	1,114	978	131	0	5	0	263	389	124	93	53	23	17	102	59	88	589	1,646	1,207	3,442
2018	0	3	0	1,127	996	131	0	5	0	267	394	128	93	53	24	17	102	61	90	593	1,667	1,231	3,491
2019	0	3	0	1,140	1,015	131	0	5	0	283	399	132	93	53	24	17	102	63	93	609	1,687	1,257	3,553
2020	0	3	0	1,156	1,028	131	0	5	0	298	404	137	93	53	24	17	102	65	94	624	1,710	1,276	3,610
2021	0	3	0	1,172	1,042	131	0	5	0	306	409	141	93	53	24	17	102	66	96	632	1,732	1,296	3,660

WINTER

YEAR	FKE			FPL		JEA	LAK	NSB	OUC	PEF			SEC		TAL		TEC			FRCC TOTALS			FRCC TOTAL INT + LM
	INT	RES LM	COM LM	RES LM	COM LM	INT	INT	RES LM	INT	INT	RES LM	COM LM	INT	RES LM	RES LM	COM LM	INT	RES LM	COM LM	INT	RES LM	COM LM	
2012/13	0	0	0	1,003	652	107	0	3	0	241	649	103	106	133	0	0	125	111	73	579	1,899	828	3,306
2013/14	0	0	0	1,015	664	107	0	4	0	226	659	107	106	133	0	0	113	110	74	552	1,921	845	3,318
2014/15	0	0	0	1,048	695	107	0	5	0	237	669	111	92	81	0	0	109	110	76	545	1,913	882	3,340
2015/16	0	0	0	1,060	708	107	0	5	0	238	679	115	92	81	0	0	110	110	77	547	1,935	900	3,382
2016/17	0	0	0	1,073	720	107	0	5	0	247	757	120	92	81	0	0	109	111	78	555	2,027	918	3,500
2017/18	0	0	0	1,085	732	107	0	5	0	251	767	124	92	81	0	0	109	113	80	559	2,051	936	3,546
2018/19	0	0	0	1,097	745	107	0	5	0	265	777	128	92	81	0	0	109	115	82	573	2,075	955	3,603
2019/20	0	0	0	1,110	757	107	0	6	0	279	787	132	92	81	0	0	109	117	83	587	2,101	972	3,660
2020/21	0	0	0	1,124	767	107	0	6	0	287	797	136	92	81	0	0	109	119	84	595	2,127	987	3,709
2021/22	0	0	0	1,139	778	107	0	6	0	287	807	141	92	81	0	0	109	121	84	595	2,154	1,003	3,752

**2012
LOAD AND RESOURCE PLAN
FLORIDA RELIABILITY COORDINATING COUNCIL
SUMMARY OF EXISTING CAPACITY
AS OF JANUARY 1, 2012**

UTILITY	NET CAPABILITY (MW)	
	SUMMER	WINTER
FLORIDA KEYS ELECTRIC COOPERATIVE ASSOCIATION INC	0	0
FLORIDA MUNICIPAL POWER AGENCY	1,284	1,343
FLORIDA POWER & LIGHT COMPANY	22,508	23,748
FORT PIERCE UTILITIES AUTHORITIES	0	0
GAINESVILLE REGIONAL UTILITIES	608	629
HOMESTEAD ENERGY SERVICES	38	38
JEA	3,754	4,122
KEY WEST UTILITY BOARD	37	37
KISSIMMEE UTILITY AUTHORITY	287	303
LAKE WORTH UTILITIES CITY OF	86	90
LAKELAND CITY OF	929	975
NEW SMYRNA BEACH UTILITIES COMMISSION OF	67	71
OCALA UTILITY SERVICES	11	11
ORLANDO UTILITIES COMMISSION	1,496	1,568
PROGRESS ENERGY FLORIDA	9,145	10,169
REEDY CREEK IMPROVEMENT DISTRICT	60	60
SEMINOLE ELECTRIC COOPERATIVE INC	2,034	2,176
ST CLOUD CITY OF	0	0
TALLAHASSEE CITY OF	794	870
TAMPA ELECTRIC COMPANY	4,292	4,684
US CORPS OF ENGINEERS - MOBILE	44	44
VERO BEACH CITY OF	138	144
FRCC EXISTING CAPACITY (January 1)	47,611	51,082
FRCC EXISTING CAPACITY (Summer 12, Winter 12/13)	47,747	50,634
FIRM NON-UTILITY PURCHASES (January 1)	4,780	5,134
FIRM NON-UTILITY PURCHASES (Summer 12, Winter 12/13)	5,289	5,631
TOTAL FRCC EXISTING (January 1)	52,391	56,217
TOTAL FRCC EXISTING (Summer 12, Winter 12/13)	53,036	56,265

**2012
LOAD AND RESOURCE PLAN
FLORIDA RELIABILITY COORDINATING COUNCIL
FRCC Form 1.0
EXISTING GENERATING FACILITIES AS OF JANUARY 1, 2012**

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
PLANT NAME	UNIT NO.	LOCATION	UNIT TYPE	PRIMARY FUEL		ALTERNATE FUEL		ALT. FUEL STORAGE (DAYS BURN)	COMMERCIAL IN-SERVICE MO. / YEAR	EXPECTED RETIREMENT MO. / YEAR	GROSS CAPABILITY		NET CAPABILITY		STATUS
				FUEL TYPE	TRANSP. METHOD	FUEL TYPE	TRANSP. METHOD				SUMMER (MW)	WINTER (MW)	SUMMER (MW)	WINTER (MW)	
FLORIDA KEYS ELECTRIC COOPERATIVE ASSOCIATION INC															
MARATHON	1	MONROE	IC	DFO	TK	RFO	TK	0	6 / 1988	--- / ---	2	2	2	2	SB
MARATHON	2	MONROE	IC	DFO	TK	RFO	TK	0	6 / 1988	--- / ---	2	2	2	2	SB
MARATHON	3	MONROE	IC	DFO	TK	RFO	TK	0	6 / 1955	--- / ---	2.5	2.5	2.5	2.5	SB
MARATHON	6	MONROE	IC	DFO	TK	RFO	TK	0	6 / 1973	--- / ---	2.5	2.5	2.5	2.5	SB
MARATHON	7	MONROE	IC	DFO	TK	RFO	TK	0	6 / 1973	--- / ---	2.5	2.5	2.5	2.5	SB
MARATHON	8	MONROE	IC	DFO	TK	RFO	TK	0	1 / 1998	--- / ---	3.5	3.5	3.5	3.5	SB
MARATHON	9	MONROE	IC	DFO	TK	RFO	TK	0	1 / 2001	--- / ---	3.5	3.5	3.5	3.5	SB
FKE TOTAL:												-	-		
FLORIDA MUNICIPAL POWER AGENCY															
CANE ISLAND *	1GT	OSCEOLA	GT	NG	PL	DFO	TK	0	11 / 1994	--- / ---	17	20	16	20	OP
CANE ISLAND *	2CT	OSCEOLA	CT	NG	PL	DFO	TK	0	6 / 1995	--- / ---	38	39	32	34	OP
CANE ISLAND *	2CW	OSCEOLA	CA	WH	NA	NA	NA	0	6 / 1995	--- / ---	38	39	20	20	OP
CANE ISLAND *	3CT	OSCEOLA	CT	NG	PL	DFO	TK	0	1 / 2002	--- / ---	90.5	90.5	74	77	OP
CANE ISLAND *	3CW	OSCEOLA	CA	WH	NA	NA	NA	0	1 / 2002	--- / ---	49.3	49.3	42	43	OP
CANE ISLAND	4CT	OSCEOLA	CT	NG	PL	DFO	TK	0	7 / 2011	--- / ---	172	172	150	155	OP
CANE ISLAND	4CW	OSCEOLA	CA	WH	NA	---	---	0	7 / 2011	--- / ---	172	172	150	155	OP
INDIAN RIVER *	A	BREVARD	GT	NG	PL	DFO	TK	0	7 / 1989	--- / ---	19	25	18.9	24.6	OP
INDIAN RIVER *	B	BREVARD	GT	NG	PL	DFO	TK	0	7 / 1989	--- / ---	19	25	18.9	24.6	OP
INDIAN RIVER *	C	BREVARD	GT	NG	PL	DFO	TK	0	8 / 1992	--- / ---	23	27	22.7	26.7	OP
INDIAN RIVER *	D	BREVARD	GT	NG	PL	DFO	TK	0	8 / 1992	--- / ---	22.5	26	22	26	OP
ST. LUCIE *	2	ST. LUCIE	ST	NUC	TK	---	---	0	6 / 1983	--- / ---	77	78	77	78	OP
STANTON *	1	ORANGE	ST	BIT	RR	---	---	0	7 / 1987	--- / ---	126	127	117	118	OP
STANTON *	2	ORANGE	ST	BIT	RR	---	---	0	6 / 1996	--- / ---	133	133	127	127	OP
STANTON A *	CT	ORANGE	CT	NG	PL	DFO	TK	3	10 / 2003	--- / ---	13	15	12	14	OP
STANTON A *	ST	ORANGE	CA	WH	PL	DFO	TK	3	10 / 2003	--- / ---	10	10	9	9	OP
STOCK ISLAND	CT2	MONROE	GT	DFO	WA	---	---	0	9 / 1999	--- / ---	18	18	15	18	OP
STOCK ISLAND	CT3	MONROE	GT	DFO	WA	---	---	0	9 / 1999	--- / ---	18	18	15	18	OP
STOCK ISLAND	CT4	MONROE	GT	DFO	WA	NA	NA	0	6 / 2006	--- / ---	48	48	45	45	OP
TREASURE COAST ENERGY CTR	1	ST. LUCIE	CT	NG	PL	DFO	TK	0	6 / 2008	--- / ---	172	172	150	155	OP
TREASURE COAST ENERGY CTR	1	ST. LUCIE	CA	WH	NA	NA	RR	0	6 / 2008	--- / ---	172	172	150	155	OP
FMPA TOTAL:												1,284	1,343		

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(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
PLANT NAME	UNIT NO.	LOCATION	UNIT TYPE	PRIMARY FUEL		ALTERNATE FUEL		ALT. FUEL STORAGE (DAYS BURN)	COMMERCIAL IN-SERVICE MO. / YEAR	EXPECTED RETIREMENT MO. / YEAR	GROSS CAPABILITY		NET CAPABILITY		STATUS
				FUEL TYPE	TRANSP. METHOD	FUEL TYPE	TRANSP. METHOD				SUMMER (MW)	WINTER (MW)	SUMMER (MW)	WINTER (MW)	
FLORIDA POWER & LIGHT COMPANY															
CUTLER	5	DADE	ST	NG	PL	NA	NA	0	11 / 1954	--- / ---	71	72	68	69	OS (IR)
CUTLER	6	DADE	ST	NG	PL	NA	NA	0	7 / 1955	--- / ---	143	144	137	138	OS (IR)
DESOTO SOLAR ENERGY CENTER	1	DESOTO	PV	PV	---	---	---	0	10 / 2009	--- / ---	25	25	25	25	EO
FT. MYERS	1	LEE	GT	DFO	WA	---	---	0	5 / 1974	--- / ---	54	59	54	59	OP
FT. MYERS	2	LEE	GT	DFO	WA	---	---	0	5 / 1974	--- / ---	54	59	54	59	OP
FT. MYERS	3	LEE	GT	DFO	WA	---	---	0	5 / 1974	--- / ---	54	59	54	59	OP
FT. MYERS	4	LEE	GT	DFO	WA	---	---	0	5 / 1974	--- / ---	54	60	54	60	OP
FT. MYERS	5	LEE	GT	DFO	WA	---	---	0	5 / 1974	--- / ---	54	60	54	60	OP
FT. MYERS	6	LEE	GT	DFO	WA	---	---	0	5 / 1974	--- / ---	54	59	54	59	OP
FT. MYERS	7	LEE	GT	DFO	WA	---	---	0	5 / 1974	--- / ---	54	59	54	59	OP
FT. MYERS	8	LEE	GT	DFO	WA	---	---	0	5 / 1974	--- / ---	54	59	54	59	OP
FT. MYERS	9	LEE	GT	DFO	WA	---	---	0	5 / 1974	--- / ---	54	59	54	59	OP
FT. MYERS	10	LEE	GT	DFO	WA	---	---	0	5 / 1974	--- / ---	54	59	54	59	OP
FT. MYERS	11	LEE	GT	DFO	WA	---	---	0	5 / 1974	--- / ---	54	59	54	59	OP
FT. MYERS	12	LEE	GT	DFO	WA	---	---	0	5 / 1974	--- / ---	54	59	54	59	OP
FT. MYERS	2CTA	LEE	CT	NG	PL	---	---	0	6 / 2002	--- / ---	159.5	168	159.5	168.4	OP
FT. MYERS	2CTB	LEE	CT	NG	PL	---	---	0	6 / 2002	--- / ---	159.5	168	159.5	168.4	OP
FT. MYERS	2CTC	LEE	CT	NG	PL	---	---	0	6 / 2002	--- / ---	159.5	168	159.5	168.4	OP
FT. MYERS	2CTD	LEE	CT	NG	PL	---	---	0	6 / 2002	--- / ---	159.5	168	159.5	168.4	OP
FT. MYERS	2CTE	LEE	CT	NG	PL	---	---	0	6 / 2002	--- / ---	159.5	168	159.5	168.4	OP
FT. MYERS	2CTF	LEE	CT	NG	PL	---	---	0	6 / 2002	--- / ---	159.5	168	158.2	168.4	OP
FT. MYERS	2ST1	LEE	CA	WH	NA	---	---	0	6 / 2002	--- / ---	59	65	59	58.7	OP
FT. MYERS	2ST2	LEE	CA	WH	NA	---	---	0	6 / 2002	--- / ---	454	473	417	422	OP
FT. MYERS	3CTA	LEE	GT	NG	PL	---	---	0	6 / 2001	--- / ---	158	176	156	176	OP
FT. MYERS	3CTB	LEE	GT	NG	PL	---	---	0	6 / 2001	--- / ---	165	176	160	176	OP
LAUDERDALE	1	BROWARD	GT	NG	PL	DFO	TK	83	8 / 1970	--- / ---	35	38.2	35	38.2	OP
LAUDERDALE	2	BROWARD	GT	NG	PL	DFO	TK	83	8 / 1970	--- / ---	35	40	35	38.2	OP
LAUDERDALE	3	BROWARD	GT	NG	PL	DFO	TK	83	8 / 1970	--- / ---	35	40	35	38.2	OP
LAUDERDALE	4	BROWARD	GT	NG	PL	DFO	TK	83	8 / 1970	--- / ---	35	40	35	38.2	OP
LAUDERDALE	5	BROWARD	GT	NG	PL	DFO	TK	83	8 / 1970	--- / ---	35	43	35	38.2	OP
LAUDERDALE	6	BROWARD	GT	NG	PL	DFO	TK	83	8 / 1970	--- / ---	35	42	35	38.2	OP
LAUDERDALE	7	BROWARD	GT	NG	PL	DFO	TK	83	8 / 1970	--- / ---	35	42	35	38.2	OP
LAUDERDALE	8	BROWARD	GT	NG	PL	DFO	TK	83	8 / 1970	--- / ---	35	42	35	38.2	OP
LAUDERDALE	9	BROWARD	GT	NG	PL	DFO	TK	83	8 / 1970	--- / ---	35	42	35	38.2	OP
LAUDERDALE	10	BROWARD	GT	NG	PL	DFO	TK	83	8 / 1970	--- / ---	35	38.2	35	38.2	OP
LAUDERDALE	11	BROWARD	GT	NG	PL	DFO	TK	83	8 / 1970	--- / ---	35	38.2	35	38.2	OP

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(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
PLANT NAME	UNIT NO.	LOCATION	UNIT TYPE	PRIMARY FUEL		ALTERNATE FUEL		ALT. FUEL STORAGE (DAYS BURN)	COMMERCIAL IN-SERVICE MO. / YEAR	EXPECTED RETIREMENT MO. / YEAR	GROSS CAPABILITY		NET CAPABILITY		STATUS
				FUEL TYPE	TRANSP. METHOD	FUEL TYPE	TRANSP. METHOD				SUMMER (MW)	WINTER (MW)	SUMMER (MW)	WINTER (MW)	
FLORIDA POWER & LIGHT COMPANY (cont.)															
LAUDERDALE	12	BROWARD	GT	NG	PL	DFO	TK	83	8 / 1970	--- / ---	35	40	35	38.2	OP
LAUDERDALE	13	BROWARD	GT	NG	PL	DFO	TK	77	8 / 1972	--- / ---	35	40	35	38.2	OP
LAUDERDALE	14	BROWARD	GT	NG	PL	DFO	TK	77	8 / 1972	--- / ---	35	40	35	38.2	OP
LAUDERDALE	15	BROWARD	GT	NG	PL	DFO	TK	77	8 / 1972	--- / ---	35	40	35	38.2	OP
LAUDERDALE	16	BROWARD	GT	NG	PL	DFO	TK	77	8 / 1972	--- / ---	35	40	35	38.2	OP
LAUDERDALE	17	BROWARD	GT	NG	PL	DFO	TK	77	8 / 1972	--- / ---	35	40	35	38.2	OP
LAUDERDALE	18	BROWARD	GT	NG	PL	DFO	TK	77	8 / 1972	--- / ---	35	40	35	38.2	OP
LAUDERDALE	19	BROWARD	GT	NG	PL	DFO	TK	77	8 / 1972	--- / ---	35	40	35	38.2	OP
LAUDERDALE	20	BROWARD	GT	NG	PL	DFO	TK	77	8 / 1972	--- / ---	35	40	35	38.2	OP
LAUDERDALE	21	BROWARD	GT	NG	PL	DFO	TK	77	8 / 1972	--- / ---	35	40	35	38.2	OP
LAUDERDALE	22	BROWARD	GT	NG	PL	DFO	TK	77	8 / 1972	--- / ---	35	40	35	38.2	OP
LAUDERDALE	23	BROWARD	GT	NG	PL	DFO	TK	77	8 / 1972	--- / ---	35	40	35	38.2	OP
LAUDERDALE	24	BROWARD	GT	NG	PL	DFO	TK	77	8 / 1972	--- / ---	35	40	35	38.2	OP
LAUDERDALE	4GT1	BROWARD	CT	NG	PL	DFO	TK	4	5 / 1993	--- / ---	159	177	157.6	176	OP
LAUDERDALE	4GT2	BROWARD	CT	NG	PL	DFO	TK	4	5 / 1993	--- / ---	159	177	157.6	176	OP
LAUDERDALE	4ST	BROWARD	CA	WH	NA	DFO	PL	0	10 / 1957	--- / ---	133	138	126.8	132	OP
LAUDERDALE	5GT1	BROWARD	CT	NG	PL	DFO	TK	4	6 / 1993	--- / ---	159	177	157.6	176	OP
LAUDERDALE	5GT2	BROWARD	CT	NG	PL	DFO	TK	4	6 / 1993	--- / ---	159	177	157.6	176	OP
LAUDERDALE	5ST	BROWARD	CA	WH	NA	---	---	0	4 / 1958	--- / ---	133	138	126.8	132	OP
MANATEE	1	MANATEE	ST	RFO	WA	NG	PL	0	10 / 1976	--- / ---	847	857	812	822	OP
MANATEE	2	MANATEE	ST	RFO	WA	NG	PL	0	12 / 1977	--- / ---	847	857	812	822	OP
MANATEE	3CTA	MANATEE	CT	NG	PL	---	---	0	6 / 2005	--- / ---	165	180	163.5	174.5	OP
MANATEE	3CTB	MANATEE	CT	NG	PL	---	---	0	6 / 2005	--- / ---	165	180	163.5	174.5	OP
MANATEE	3CTC	MANATEE	CT	NG	PL	---	---	0	6 / 2005	--- / ---	165	180	163.5	174.5	OP
MANATEE	3CTD	MANATEE	CT	NG	PL	---	---	0	6 / 2005	--- / ---	165	180	163.5	174.5	OP
MANATEE	3ST	MANATEE	CA	WH	NA	---	---	0	6 / 2005	--- / ---	475	488	457.1	470	OP
MARTIN	1	MARTIN	ST	RFO	PL	NG	PL	0	12 / 1980	--- / ---	869	871	826	832	OP
MARTIN	2	MARTIN	ST	RFO	PL	NG	PL	0	6 / 1981	--- / ---	858	865	826	832	OP
MARTIN	3GT1	MARTIN	CT	NG	PL	DFO	TK	0	2 / 1994	--- / ---	165.5	177.6	165.5	177.6	OP
MARTIN	3GT2	MARTIN	CT	NG	PL	DFO	TK	0	2 / 1994	--- / ---	165.6	177.7	165.6	177.7	OP
MARTIN	3ST	MARTIN	CA	WH	NA	---	NA	0	2 / 1994	--- / ---	148	160	138	133.1	OP
MARTIN	4GT1	MARTIN	CT	NG	PL	DFO	TK	0	4 / 1994	--- / ---	165.5	177.7	165.5	177.7	OP
MARTIN	4GT2	MARTIN	CT	NG	PL	DFO	TK	0	4 / 1994	--- / ---	165.6	177.7	165.6	177.7	OP
MARTIN	4ST	MARTIN	CA	WH	NA	---	NA	0	4 / 1994	--- / ---	148	160	137.7	133.1	OP

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(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
PLANT NAME	UNIT NO.	LOCATION	UNIT TYPE	PRIMARY FUEL		ALTERNATE FUEL		ALT. FUEL STORAGE (DAYS BURN)	COMMERCIAL IN-SERVICE MO. / YEAR	EXPECTED RETIREMENT MO. / YEAR	GROSS CAPABILITY		NET CAPABILITY		STATUS
				FUEL TYPE	TRANSP. METHOD	FUEL TYPE	TRANSP. METHOD				SUMMER (MW)	WINTER (MW)	SUMMER (MW)	WINTER (MW)	
FLORIDA POWER & LIGHT COMPANY (cont.)															
MARTIN	8CTA	MARTIN	CT	NG	PL	---	---	0	6 / 2005	--- / ---	170.2	184.3	170.2	184.3	OP
MARTIN	8CTB	MARTIN	CT	NG	PL	---	---	0	6 / 2005	--- / ---	170.2	184.3	170.2	184.3	OP
MARTIN	8CTC	MARTIN	CT	NG	PL	---	---	0	6 / 2005	--- / ---	170	184.3	170.2	184.3	OP
MARTIN	8CTD	MARTIN	CT	NG	PL	---	---	0	6 / 2005	--- / ---	170.2	184.3	170.2	184.3	OP
MARTIN	8ST	MARTIN	CA	WH	NA	---	---	0	6 / 2005	--- / ---	484	488	453.8	482	OP
PORT EVERGLADES	1	BROWARD	GT	NG	PL	DFO	WA	52	8 / 1971	--- / ---	35	43	35	38.2	OP
PORT EVERGLADES	2	BROWARD	GT	NG	PL	DFO	WA	52	8 / 1971	--- / ---	35	43	35	38.2	OP
PORT EVERGLADES	3	BROWARD	GT	NG	PL	DFO	WA	52	8 / 1971	--- / ---	35	43	35	38.2	OP
PORT EVERGLADES	4	BROWARD	GT	NG	PL	DFO	WA	52	8 / 1971	--- / ---	35	43	35	38.2	OP
PORT EVERGLADES	5	BROWARD	GT	NG	PL	DFO	WA	52	8 / 1971	--- / ---	35	43	35	38.2	OP
PORT EVERGLADES	6	BROWARD	GT	NG	PL	DFO	WA	52	8 / 1971	--- / ---	35	43	35	38.2	OP
PORT EVERGLADES	7	BROWARD	GT	NG	PL	DFO	WA	52	8 / 1971	--- / ---	35	43	35	38.2	OP
PORT EVERGLADES	8	BROWARD	GT	NG	PL	DFO	WA	52	8 / 1971	--- / ---	35	43	35	38.2	OP
PORT EVERGLADES	9	BROWARD	GT	NG	PL	DFO	WA	52	8 / 1971	--- / ---	35	43	35	38.2	OP
PORT EVERGLADES	10	BROWARD	GT	NG	PL	DFO	WA	52	8 / 1971	--- / ---	35	43	35	38.2	OP
PORT EVERGLADES	11	BROWARD	GT	NG	PL	DFO	WA	52	8 / 1971	--- / ---	35	43	35	38.2	OP
PORT EVERGLADES	12	BROWARD	GT	NG	PL	DFO	WA	52	8 / 1971	--- / ---	35	43	35	38.2	OP
PORT EVERGLADES	ST1	BROWARD	ST	RFO	PL	NG	PL	0	6 / 1960	--- / ---	226	227	213	214	OS (IR)
PORT EVERGLADES	ST2	BROWARD	ST	RFO	WA	NG	PL	0	4 / 1961	--- / ---	226	227	213	214	OS (IR)
PORT EVERGLADES	ST3	BROWARD	ST	RFO	WA	NG	PL	0	7 / 1964	--- / ---	399	401	387	389	OS (IR)
PORT EVERGLADES	ST4	BROWARD	ST	RFO	PL	NG	PL	0	4 / 1965	--- / ---	404	406	374	376	OS (IR)
PUTNAM	1GT1	PUTNAM	CT	NG	PL	DFO	WA	3	4 / 1978	--- / ---	74	102	69.6	102	OP
PUTNAM	1GT2	PUTNAM	CT	NG	PL	DFO	WA	3	4 / 1978	--- / ---	74	102	69.6	102	OP
PUTNAM	1ST	PUTNAM	CA	WH	NA	DFO	WA	0	4 / 1978	--- / ---	121	125	109.9	60.6	OP
PUTNAM	2GT1	PUTNAM	CT	NG	PL	DFO	WA	3	8 / 1977	--- / ---	74	102	69.6	102	OP
PUTNAM	2GT2	PUTNAM	CT	NG	PL	DFO	WA	3	8 / 1977	--- / ---	74	102	69.6	102	OP
PUTNAM	2ST	PUTNAM	CA	WH	NA	DFO	WA	0	8 / 1977	--- / ---	121	125	109.9	60.6	OP
SANFORD	3	VOLUSIA	ST	RFO	WA	NG	PL	0	5 / 1959	--- / ---	138	140	138	140	OS (IR)
SANFORD	4CTA	VOLUSIA	CT	NG	PL	---	---	0	10 / 2003	--- / ---	162	175	160.5	175	OP
SANFORD	4CTB	VOLUSIA	CT	NG	PL	---	---	0	10 / 2003	--- / ---	162	175	160.5	175	OP
SANFORD	4CTC	VOLUSIA	CT	NG	PL	---	---	0	10 / 2003	--- / ---	162	175	160.5	175	OP
SANFORD	4CTD	VOLUSIA	CT	NG	PL	---	---	0	10 / 2003	--- / ---	162	175	160.5	175	OP
SANFORD	4ST	VOLUSIA	CA	WH	NA	---	---	0	10 / 2003	--- / ---	336	354	316	341	OP

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(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
PLANT NAME	UNIT NO.	LOCATION	UNIT TYPE	PRIMARY FUEL		ALTERNATE FUEL		ALT. FUEL STORAGE (DAYS BURN)	COMMERCIAL IN-SERVICE MO. / YEAR	EXPECTED RETIREMENT MO. / YEAR	GROSS CAPABILITY		NET CAPABILITY		STATUS
				FUEL TYPE	TRANSP. METHOD	FUEL TYPE	TRANSP. METHOD				SUMMER (MW)	WINTER (MW)	SUMMER (MW)	WINTER (MW)	
FLORIDA POWER & LIGHT COMPANY (cont.)															
SANFORD	5CTA	VOLUSIA	CT	NG	PL	---	---	0	6 / 2002	--- / ---	161	175	159.1	175	OP
SANFORD	5CTB	VOLUSIA	CT	NG	PL	---	---	0	6 / 2002	--- / ---	161	175	159.1	175	OP
SANFORD	5CTC	VOLUSIA	CT	NG	PL	---	---	0	6 / 2002	--- / ---	161	175	159.1	175	OP
SANFORD	5CTD	VOLUSIA	CT	NG	PL	---	---	0	6 / 2002	--- / ---	161	175	159.1	175	OP
SANFORD	5ST	VOLUSIA	CA	WH	NA	---	---	0	6 / 2002	--- / ---	334	353	317.9	347	OP
SCHERER *	4	MONROE, GA	ST	BIT	RR	---	---	0	7 / 1988	--- / ---	678	684	672	678	OP
SPACE COAST	1	BREVARD	PV	PV	---	---	---	0	4 / 2010	--- / ---	10	10	10	10	EO
ST. JOHNS RIVER *	1	DUVAL	ST	BIT	RR	PC	WA	0	4 / 1987	--- / ---	132	134	127	130	OP
ST. JOHNS RIVER *	2	DUVAL	ST	BIT	RR	PC	WA	0	7 / 1988	--- / ---	133	132	127	130	OP
ST. LUCIE	1	ST. LUCIE	ST	NUC	TK	---	---	0	5 / 1976	--- / ---	878	893	839	853	OP
ST. LUCIE *	2	ST. LUCIE	ST	NUC	TK	---	---	0	6 / 1983	--- / ---	745	757	745	757	OP
TURKEY POINT	1	DADE	ST	RFO	WA	NG	PL	0	4 / 1967	--- / ---	415	417	396	398	OP
TURKEY POINT	2	DADE	ST	RFO	WA	NG	PL	0	4 / 1968	--- / ---	411	413	392	394	OS
TURKEY POINT	3	DADE	ST	NUC	TK	---	---	0	12 / 1972	--- / ---	726	751	693	717	OP
TURKEY POINT	4	DADE	ST	NUC	TK	---	---	0	9 / 1973	--- / ---	726	751	693	717	OP
TURKEY POINT	5CTA	DADE	CT	NG	PL	---	---	0	5 / 2007	--- / ---	175	180	174	180	OP
TURKEY POINT	5CTB	DADE	CT	NG	PL	---	---	0	5 / 2007	--- / ---	175	180	174	180	OP
TURKEY POINT	5CTC	DADE	CT	NG	PL	---	---	0	5 / 2007	--- / ---	175	180	174	180	OP
TURKEY POINT	5CTD	DADE	CT	NG	PL	---	---	0	5 / 2007	--- / ---	175	180	174	180	OP
TURKEY POINT	5ST	DADE	CA	WH	NA	---	---	0	5 / 2007	--- / ---	476	521	452.4	458.6	OP
WEST COUNTY	3GT1	PALM BEACH, FL	CT	NG	PL	DFO	TK	0	6 / 2011	--- / ---	242.5	281.6	242.5	281.6	OP
WEST COUNTY	3GT2	PALM BEACH, FL	CT	NG	PL	DFO	TK	0	6 / 2011	--- / ---	242.5	281.6	242.5	281.6	OP
WEST COUNTY	3GT3	PALM BEACH, FL	CT	NG	PL	DFO	TK	0	6 / 2011	--- / ---	242.5	281.6	242.5	281.6	OP
WEST COUNTY	3ST	PALM BEACH, FL	CA	WH	PL	DFO	TK	0	6 / 2011	--- / ---	499	539	491.6	489.9	OP
WEST COUNTY	CT1A	PALM BEACH	CT	NG	PL	---	---	0	8 / 2009	--- / ---	242.5	281.6	242.5	281.6	OP
WEST COUNTY	CT1B	PALM BEACH	CT	NG	PL	---	---	0	8 / 2009	--- / ---	242.5	281.6	242.5	281.6	OP
WEST COUNTY	CT1C	PALM BEACH	CT	NG	PL	---	---	0	8 / 2009	--- / ---	242.5	281.6	242.5	281.6	OP
WEST COUNTY	ST1	PALM BEACH	CA	WH	NA	---	---	0	11 / 2009	--- / ---	499	539	491.6	489.9	OP
WEST COUNTY	CT2A	PALM BEACH	CT	NG	PL	---	---	0	11 / 2009	--- / ---	242.5	281.6	242.5	281.6	OP
WEST COUNTY	CT2B	PALM BEACH	CT	NG	PL	---	---	0	11 / 2009	--- / ---	242.5	281.6	242.5	281.6	OP
WEST COUNTY	CT2C	PALM BEACH	CT	NG	PL	---	---	0	11 / 2009	--- / ---	242.5	281.6	242.5	281.6	OP
WEST COUNTY	ST2	PALM BEACH	CA	WH	NA	---	---	0	8 / 2009	--- / ---	499	539	491.6	489.9	OP
FPL TOTAL:												22,508	23,748		

* Jointly Owned Unit

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(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
PLANT NAME	UNIT NO.	LOCATION	UNIT TYPE	PRIMARY FUEL		ALTERNATE FUEL		ALT. FUEL STORAGE (DAYS BURN)	COMMERCIAL IN-SERVICE MO. / YEAR	EXPECTED RETIREMENT MO. / YEAR	GROSS CAPABILITY		NET CAPABILITY		STATUS
				FUEL TYPE	TRANSP. METHOD	FUEL TYPE	TRANSP. METHOD				SUMMER (MW)	WINTER (MW)	SUMMER (MW)	WINTER (MW)	
<u>GAINESVILLE REGIONAL UTILITIES</u>															
CRYSTAL RIVER *	3	CITRUS	ST	NUC	TK	---	---	0	3 / 1977	--- / ---	13.5	13.7	11.8	12.1	OP
DEERHAVEN	FS01	ALACHUA	ST	NG	PL	RFO	TK	0	8 / 1972	--- / ---	88	88	83	83	OP
DEERHAVEN	FS02	ALACHUA	ST	BIT	RR	---	---	0	10 / 1981	--- / ---	235	235	222.1	222.1	OP
DEERHAVEN	GT01	ALACHUA	GT	NG	PL	DFO	TK	0	7 / 1976	--- / ---	19	21	17.5	20	OP
DEERHAVEN	GT02	ALACHUA	GT	NG	PL	DFO	TK	0	8 / 1976	--- / ---	19	21	17.5	20	OP
DEERHAVEN	GT03	ALACHUA	GT	NG	PL	DFO	TK	0	1 / 1996	--- / ---	76	82	75	81	OP
J. R. KELLY	FS07	ALACHUA	ST	NG	PL	RFO	TK	0	8 / 1961	10 / 2015	24	24	23.2	23.2	OP
J. R. KELLY	FS08	ALACHUA	CA	WH	NA	NA	NA	0	5 / 2001	--- / ---	38	38	37	37	OP
J. R. KELLY	GT01	ALACHUA	GT	NG	PL	DFO	TK	0	2 / 1968	2 / 2018	14	15	14	15	OP
J. R. KELLY	GT02	ALACHUA	GT	NG	PL	DFO	TK	0	9 / 1968	9 / 2018	14	15	14	15	OP
J. R. KELLY	GT03	ALACHUA	GT	NG	PL	DFO	TK	0	5 / 1969	5 / 2019	14	15	14	15	OP
J. R. KELLY	GT04	ALACHUA	CT	NG	PL	DFO	TK	0	5 / 2001	--- / ---	76	82	75	81	OP
SOUTH ENERGY CENTER	1	ALACHUA	GT	NG	PL	---	---	0	5 / 2009	--- / ---	4.5	4.5	4.1	4.1	OP
GRU TOTAL:												608	629		
<u>HOMESTEAD ENERGY SERVICES</u>															
G. W. IVEY	2	DADE	IC	NG	PL	DFO	TK	100	3 / 1970	--- / ---	2	2	1.8	1.8	OP
G. W. IVEY	3	DADE	IC	NG	PL	DFO	TK	100	3 / 1970	--- / ---	2	2	1.8	1.8	OP
G. W. IVEY	8	DADE	IC	NG	PL	DFO	TK	100	1 / 1954	5 / 2013	2.5	2.5	2	2	SB
G. W. IVEY	9	DADE	IC	NG	PL	DFO	TK	100	1 / 1958	5 / 2013	2.5	2.5	2	2	OP
G. W. IVEY	10	DADE	IC	NG	PL	DFO	TK	100	1 / 1958	5 / 2013	2.5	2.5	2	2	SB
G. W. IVEY	11	DADE	IC	NG	PL	DFO	TK	100	1 / 1965	5 / 2013	3.5	3.5	3	3	OP
G. W. IVEY	12	DADE	IC	NG	PL	DFO	TK	100	1 / 1965	5 / 2013	3.5	3.5	3	3	SB
G. W. IVEY	13	DADE	IC	NG	PL	DFO	TK	100	11 / 1972	--- / ---	2	2	1.8	1.8	OP
G. W. IVEY	14	DADE	IC	NG	PL	DFO	TK	100	11 / 1972	--- / ---	2	2	1.8	1.8	OP
G. W. IVEY	15	DADE	IC	NG	PL	DFO	TK	100	11 / 1972	--- / ---	2	2	1.8	1.8	OP
G. W. IVEY	16	DADE	IC	NG	PL	DFO	TK	100	11 / 1972	--- / ---	2	2	1.8	1.8	OP
G. W. IVEY	17	DADE	IC	NG	PL	DFO	TK	100	11 / 1972	--- / ---	2	2	1.8	1.8	OP
G. W. IVEY	18	DADE	IC	NG	PL	DFO	TK	100	2 / 1975	5 / 2013	9	9	7.5	7.5	SB
G. W. IVEY	19	DADE	IC	NG	PL	DFO	TK	100	2 / 1975	--- / ---	9	9	7.5	7.5	OP
G. W. IVEY	20	DADE	IC	NG	PL	DFO	TK	100	5 / 1981	--- / ---	6.5	6.5	6.5	6.5	OP
G. W. IVEY	21	DADE	IC	NG	PL	DFO	TK	100	5 / 1981	--- / ---	6.5	6.5	6.5	6.5	OP
HST TOTAL:												38	38		

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(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
PLANT NAME	UNIT NO.	LOCATION	UNIT TYPE	PRIMARY FUEL		ALTERNATE FUEL		ALT. FUEL STORAGE (DAYS BURN)	COMMERCIAL IN-SERVICE MO. / YEAR	EXPECTED RETIREMENT MO. / YEAR	GROSS CAPABILITY		NET CAPABILITY		STATUS
				FUEL TYPE	TRANSP. METHOD	FUEL TYPE	TRANSP. METHOD				SUMMER (MW)	WINTER (MW)	SUMMER (MW)	WINTER (MW)	
JEA															
BRANDY BRANCH	CT2	DUVAL	CT	NG	PL	DFO	TK	0	5 / 2001	--- / ---	150.5	192.7	150	191	OP
BRANDY BRANCH	CT3	DUVAL	CT	NG	PL	DFO	TK	0	10 / 2001	--- / ---	150.5	192.7	150	191	OP
BRANDY BRANCH	GT1	DUVAL	GT	NG	PL	DFO	TK	0	5 / 2001	--- / ---	150.5	192.7	149.9	191.2	OP
BRANDY BRANCH	STM4	DUVAL	CA	WH	---	---	---	0	1 / 2005	--- / ---	211	232.7	200.8	223	OP
GIRVIN LANDFILL	1-4	DUVAL	IC	LFG	PL	---	---	0	7 / 1997	--- / ---	1.2	1.2	1.2	1.2	OP
GREENLAND ENERGY CTR	GT1	DUVAL	GT	NG	PL	---	---	0	6 / 2011	--- / ---	142.5	186.5	142	186	OP
GREENLAND ENERGY CTR	GT2	DUVAL	GT	NG	PL	---	---	0	6 / 2011	--- / ---	142.5	186.5	142	186	OP
J. D. KENNEDY	GT7	DUVAL	GT	NG	PL	DFO	WA	0	6 / 2000	--- / ---	150.5	192.7	149.9	191.2	OP
J. D. KENNEDY	GT8	DUVAL	GT	NG	PL	DFO	WA	0	6 / 2009	--- / ---	150.5	192.7	149.9	191.2	OP
NORTHSIDE	1	DUVAL	ST	PC	WA	BIT	WA	0	5 / 2003	--- / ---	310	310	293	293	OP
NORTHSIDE	2	DUVAL	ST	PC	WA	BIT	WA	0	4 / 2003	--- / ---	310	310	293	293	OP
NORTHSIDE	3	DUVAL	ST	NG	PL	RFO	WA	0	6 / 1977	--- / ---	540	540	524	524	OP
NORTHSIDE	GT3	DUVAL	GT	DFO	WA	---	---	0	1 / 1975	--- / ---	53.4	62	53	61.6	OP
NORTHSIDE	GT4	DUVAL	GT	DFO	WA	---	---	0	1 / 1975	--- / ---	53.4	62	53	61.6	OP
NORTHSIDE	GT5	DUVAL	GT	DFO	WA	---	---	0	12 / 1974	--- / ---	53.4	62	53	61.6	OP
NORTHSIDE	GT6	DUVAL	GT	DFO	WA	---	---	0	12 / 1974	--- / ---	53.4	62	53	61.6	OP
SCHERER *	4	MONROE, GA	ST	BIT	RR	---	---	0	2 / 1989	--- / ---	208	208	194	194	OP
ST. JOHNS RIVER *	1	DUVAL	ST	BIT	RR	PC	WA	0	3 / 1987	--- / ---	528	537.6	501	510	OP
ST. JOHNS RIVER *	2	DUVAL	ST	BIT	RR	PC	WA	0	5 / 1988	--- / ---	528	537.6	501	510	OP
JEA TOTAL:												3,754	4,122		
KEY WEST UTILITY BOARD															
STOCK ISLAND	GT1	MONROE	GT	DFO	WA	---	---	0	11 / 1978	--- / ---	23.5	23.5	20	20	OP
STOCK ISLAND MSD	MSD1	MONROE	IC	DFO	WA	---	---	0	6 / 1991	--- / ---	8.8	8.8	8.7	8.7	OP
STOCK ISLAND MSD	MSD2	MONROE	IC	DFO	WA	---	---	0	6 / 1991	--- / ---	8.8	8.8	8.7	8.7	OP
KEY TOTAL:												37	37		

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(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
PLANT NAME	UNIT NO.	LOCATION	UNIT TYPE	PRIMARY FUEL		ALTERNATE FUEL		ALT. FUEL STORAGE (DAYS BURN)	COMMERCIAL IN-SERVICE MO. / YEAR	EXPECTED RETIREMENT MO. / YEAR	GROSS CAPABILITY		NET CAPABILITY		STATUS
				FUEL TYPE	TRANSP. METHOD	FUEL TYPE	TRANSP. METHOD				SUMMER (MW)	WINTER (MW)	SUMMER (MW)	WINTER (MW)	
KISSIMMEE UTILITY AUTHORITY															
CANE ISLAND *	1GT	OSCEOLA	GT	NG	PL	DFO	TK	4	11 / 1994	--- / ---	17	20	16	17	OP
CANE ISLAND *	2CT	OSCEOLA	CT	NG	PL	DFO	TK	0	6 / 1995	--- / ---	35	40	32	34	OP
CANE ISLAND *	2CW	OSCEOLA	CA	WH	NA	NA	NA	0	6 / 1995	--- / ---	20	20	20	20	OP
CANE ISLAND *	3CT	OSCEOLA	CT	NG	PL	DFO	TK	0	1 / 2002	--- / ---	90.5	90.5	74	77	OP
CANE ISLAND *	3CW	OSCEOLA	CA	WH	NA	NA	NA	0	1 / 2002	--- / ---	49.3	49.3	42	43	OP
CRYSTAL RIVER *	3	CITRUS	ST	NUC	TK	---	---	0	3 / 1977	--- / ---	6	6	6	6	OP
HANSEL	21	OSCEOLA	CT	NG	PL	DFO	TK	0	2 / 1983	--- / ---	31	38	30	38	OP
HANSEL	22	OSCEOLA	CA	WH	NA	DFO	TK	0	11 / 1983	--- / ---	8	6	8	6	OP
HANSEL	23	OSCEOLA	CA	WH	NA	DFO	TK	12	11 / 1983	--- / ---	8	6	8	6	OP
INDIAN RIVER *	A	BREVARD	GT	NG	PL	DFO	TK	0	6 / 1999	--- / ---	4.5	6	4.5	6	OP
INDIAN RIVER *	B	BREVARD	GT	NG	PL	DFO	TK	0	6 / 1999	--- / ---	4.5	6	4.5	6	OP
STANTON *	1	ORANGE	ST	BIT	RR	---	---	0	7 / 1987	--- / ---	21	21	21	21	OP
STANTON A *	CT	ORANGE	CT	NG	PL	DFO	TK	3	10 / 2003	--- / ---	13	15	12	14	OP
STANTON A *	ST	ORANGE	CA	WH	PL	DFO	TK	3	10 / 2003	--- / ---	10	10	9	9	OP
KUA TOTAL:												287	303		
LAKELAND CITY OF															
LARSEN	2	POLK	GT	NG	PL	DFO	TK	28	11 / 1962	--- / ---	10	14	10	14	OP
LARSEN	3	POLK	GT	NG	PL	DFO	TK	28	12 / 1962	--- / ---	9	13	9	13	OP
LARSEN	8CT	POLK	CT	NG	PL	DFO	TK	5	7 / 1992	--- / ---	78	95	76	93	OP
LARSEN	8ST	POLK	CA	WH	NA	---	---	0	4 / 1956	--- / ---	29	31	29	31	OP
MCINTOSH	1	POLK	ST	NG	PL	RFO	TK	29	2 / 1971	--- / ---	90	90	85	85	OP
MCINTOSH	2	POLK	ST	NG	PL	RFO	TK	25	6 / 1976	--- / ---	114	114	106	106	OP
MCINTOSH *	3	POLK	ST	BIT	RR	NA	NA	0	9 / 1982	--- / ---	219	219	205	205	OP
MCINTOSH	5CT	POLK	CT	NG	PL	---	---	0	5 / 2001	--- / ---	219	239	212	233	OP
MCINTOSH	5ST	POLK	CA	WH	NA	---	---	0	5 / 2002	--- / ---	126	121	126	121	OP
MCINTOSH	D1	POLK	IC	DFO	TK	---	---	0	1 / 1970	--- / ---	2.5	2.5	2.5	2.5	OP
MCINTOSH	D2	POLK	IC	DFO	TK	---	---	0	1 / 1970	--- / ---	2.5	2.5	2.5	2.5	OP
MCINTOSH	GT1	POLK	GT	NG	PL	DFO	TK	2	5 / 1973	--- / ---	17	19	16	19	OP
WINSTON	1-5	POLK	IC	DFO	TK	NG	PL	0	12 / 2001	--- / ---	12.5	12.5	12.5	12.5	OP
WINSTON	6-10	POLK	IC	DFO	TK	NG	PL	0	12 / 2001	--- / ---	12.5	12.5	12.5	12.5	OP
WINSTON	11-15	POLK	IC	DFO	TK	NG	PL	0	12 / 2001	--- / ---	12.5	12.5	12.5	12.5	OP
WINSTON	16-20	POLK	IC	DFO	TK	NG	PL	0	12 / 2001	--- / ---	12.5	12.5	12.5	12.5	OP
LAK TOTAL:												929	975		

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(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
PLANT NAME	UNIT NO.	LOCATION	UNIT TYPE	PRIMARY FUEL		ALTERNATE FUEL		ALT. FUEL STORAGE (DAYS BURN)	COMMERCIAL IN-SERVICE MO. / YEAR	EXPECTED RETIREMENT MO. / YEAR	GROSS CAPABILITY		NET CAPABILITY		STATUS
				FUEL TYPE	TRANSP. METHOD	FUEL TYPE	TRANSP. METHOD				SUMMER (MW)	WINTER (MW)	SUMMER (MW)	WINTER (MW)	
LAKE WORTH UTILITIES CITY OF															
TOM G. SMITH	GT-1	PALM BEACH	GT	DFO	TK	---	---	0	12 / 1976	--- / ---	26	29	26	27	OP
TOM G. SMITH	GT-2	PALM BEACH	CT	NG	PL	DFO	TK	2	3 / 1978	--- / ---	21	23	20	20	OP
TOM G. SMITH	MU1	PALM BEACH	IC	DFO	TK	---	---	0	12 / 1965	--- / ---	2	2	1.8	2	OP
TOM G. SMITH	MU2	PALM BEACH	IC	DFO	TK	---	---	0	12 / 1965	--- / ---	2	2	1.8	2	OP
TOM G. SMITH	MU3	PALM BEACH	IC	DFO	TK	---	---	0	12 / 1965	--- / ---	2	2	1.8	2	OP
TOM G. SMITH	MU4	PALM BEACH	IC	DFO	TK	---	---	0	12 / 1965	--- / ---	2	2	1.8	2	OP
TOM G. SMITH	MU5	PALM BEACH	IC	DFO	TK	---	---	0	12 / 1965	--- / ---	2	2	1.8	2	OP
TOM G. SMITH	S-1	PALM BEACH	ST	NG	PL	RFO	TK	17	1 / 1961	--- / ---	8	8	7	8	SB
TOM G. SMITH	S-3	PALM BEACH	ST	NG	PL	RFO	TK	6	11 / 1967	--- / ---	27	27	22	24	OP
TOM G. SMITH	S-4	PALM BEACH	ST	NG	PL	RFO	TK	0	8 / 1971	--- / ---	33	33	32	33	SB
TOM G. SMITH	S-5	PALM BEACH	CA	WH	NA	---	---	---	3 / 1978	--- / ---	10	10	9	9	OP
LWU TOTAL:												86	90		
NEW SMYRNA BEACH UTILITIES COMMISSION OF															
CRYSTAL RIVER *	3	CITRUS	ST	NUC	TK	---	---	0	3 / 1977	--- / ---	5.4	5.4	5.4	5.4	OP
FIELD STREET	1	VOLUSIA	GT	DFO	TK	---	---	0	5 / 2001	--- / ---	22	24	22	24	OP
FIELD STREET	2	VOLUSIA	GT	DFO	TK	---	---	0	5 / 2001	--- / ---	22	24	22	24	OP
SMITH	3	VOLUSIA	IC	DFO	TK	---	---	0	1 / 1946	--- / ---	1	1	1	1	OP
SMITH	4	VOLUSIA	IC	DFO	TK	---	---	0	1 / 1950	--- / ---	1	1	1	1	OP
SMITH	6	VOLUSIA	IC	DFO	TK	---	---	0	1 / 1955	--- / ---	2	2	2	2	OP
SMITH	7	VOLUSIA	IC	DFO	TK	---	---	0	1 / 1956	--- / ---	2	2	2	2	OP
SMITH	8	VOLUSIA	IC	DFO	TK	---	---	0	1 / 1960	--- / ---	1	1	1	1	OP
SMITH	9	VOLUSIA	IC	DFO	TK	---	---	0	1 / 1967	--- / ---	2	2	2	2	OP
SMITH	10	VOLUSIA	IC	DFO	TK	---	---	0	1 / 1967	--- / ---	2	2	2	2	OP
SMITH	11	VOLUSIA	IC	DFO	TK	---	---	0	1 / 1967	--- / ---	2	2	2	2	OP
SWOOPE STATION	2	VOLUSIA	IC	DFO	TK	---	---	0	11 / 1981	--- / ---	1	1	1	1	OP
SWOOPE STATION	3	VOLUSIA	IC	DFO	TK	---	---	0	12 / 1982	--- / ---	2	2	2	2	OP
SWOOPE STATION	4	VOLUSIA	IC	DFO	TK	---	---	0	12 / 1982	--- / ---	2	2	2	2	OP
NSB TOTAL:												67	71		
OCALA UTILITY SERVICES															
CRYSTAL RIVER *	3	CITRUS	ST	NUC	TK	---	---	0	3 / 1977	--- / ---	11.8	12	11	11	OP
OEU TOTAL:												11	11		

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(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
PLANT NAME	UNIT NO.	LOCATION	UNIT TYPE	PRIMARY FUEL		ALTERNATE FUEL		ALT. FUEL STORAGE (DAYS BURN)	COMMERCIAL IN-SERVICE MO. / YEAR	EXPECTED RETIREMENT MO. / YEAR	GROSS CAPABILITY		NET CAPABILITY		STATUS
				FUEL TYPE	TRANSP. METHOD	FUEL TYPE	TRANSP. METHOD				SUMMER (MW)	WINTER (MW)	SUMMER (MW)	WINTER (MW)	
ORLANDO UTILITIES COMMISSION															
CRYSTAL RIVER *	3	CITRUS	ST	NUC	TK	---	---	0	3 / 1977	--- / ---	14	14	13	13	OP
INDIAN RIVER *	A	BREVARD	GT	NG	PL	DFO	TK	0	7 / 1989	--- / ---	18.5	23.4	18	23.4	OP
INDIAN RIVER *	B	BREVARD	GT	NG	PL	DFO	TK	0	7 / 1989	--- / ---	18.5	23.4	18	23.4	OP
INDIAN RIVER *	C	BREVARD	GT	NG	PL	DFO	TK	0	8 / 1992	--- / ---	86	101	85.3	100.3	OP
INDIAN RIVER *	D	BREVARD	GT	NG	PL	DFO	TK	0	8 / 1992	--- / ---	86	101	85.3	100.3	OP
MCINTOSH *	3	POLK	ST	BIT	RR	NA	NA	0	9 / 1982	--- / ---	146	146	133	136	OP
ST. LUCIE *	2	ST. LUCIE	ST	NUC	TK	---	---	0	6 / 1983	--- / ---	54	54	51	52	OP
STANTON *	1	ORANGE	ST	BIT	RR	NA	NA	0	7 / 1987	--- / ---	320	322	301.6	303.7	OP
STANTON *	2	ORANGE	ST	BIT	RR	NA	NA	0	6 / 1996	--- / ---	336	336	319.3	319.3	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	75.6	OP
STANTON B	CT	ORANGE	CT	NG	PL	DFO	TK	3	2 / 2010	--- / ---	182	190	170	182	OP
STANTON B	ST	ORANGE	CA	WH	NA	DFO	TK	3	2 / 2010	--- / ---	128	130	128	130	OP
OUC TOTAL:												1,496	1,568		
PROGRESS ENERGY FLORIDA															
ANCLOTE	1	PASCO	ST	RFO	PL	NG	PL	0	10 / 1974	--- / ---	517	531	501	517	OP
ANCLOTE	2	PASCO	ST	RFO	PL	NG	PL	0	10 / 1978	--- / ---	525	549	510	530	OP
AVON PARK	P1	HIGHLANDS	GT	NG	PL	DFO	TK	3	12 / 1968	6 / 2016	24	35	24	35	OP
AVON PARK	P2	HIGHLANDS	GT	DFO	TK	---	---	0	12 / 1968	6 / 2016	24	35	24	35	OP
BAYBORO	P1	PINELLAS	GT	DFO	WA	---	---	0	4 / 1973	--- / ---	44	59	44	59	OP
BAYBORO	P2	PINELLAS	GT	DFO	WA	---	---	0	4 / 1973	--- / ---	42	57	42	57	OP
BAYBORO	P3	PINELLAS	GT	DFO	WA	---	---	0	4 / 1973	--- / ---	44	58	44	58	OP
BAYBORO	P4	PINELLAS	GT	DFO	WA	---	---	0	4 / 1973	--- / ---	44	59	44	59	OP
CRYSTAL RIVER	1	CITRUS	ST	BIT	RR	BIT	WA	0	10 / 1966	--- / ---	400	402	375	376	OP
CRYSTAL RIVER	2	CITRUS	ST	BIT	RR	BIT	WA	0	11 / 1969	--- / ---	515	519	498	498	OP
CRYSTAL RIVER *	3	CITRUS	ST	NUC	TK	---	---	0	3 / 1977	--- / ---	825	837	789	805	OS
CRYSTAL RIVER	4	CITRUS	ST	BIT	WA	BIT	RR	0	12 / 1982	--- / ---	769	767	712	721	OP
CRYSTAL RIVER	5	CITRUS	ST	BIT	WA	BIT	RR	0	10 / 1984	--- / ---	767	778	721	721	OP

* Jointly Owned Unit

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EXISTING GENERATING FACILITIES AS OF JANUARY 1, 2012

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
PLANT NAME	UNIT NO.	LOCATION	UNIT TYPE	PRIMARY FUEL		ALTERNATE FUEL		ALT. FUEL STORAGE (DAYS BURN)	COMMERCIAL IN-SERVICE MO. / YEAR	EXPECTED RETIREMENT MO. / YEAR	GROSS CAPABILITY		NET CAPABILITY		STATUS
				FUEL TYPE	TRANSP. METHOD	FUEL TYPE	TRANSP. METHOD				SUMMER (MW)	WINTER (MW)	SUMMER (MW)	WINTER (MW)	
PROGRESS ENERGY FLORIDA (cont.)															
DEBARY	P1	VOLUSIA	GT	DFO	TK	---	---	0	2 / 1976	--- / ---	53	63	53	63	OP
DEBARY	P2	VOLUSIA	GT	DFO	TK	---	---	0	3 / 1976	--- / ---	50	64	50	64	OP
DEBARY	P3	VOLUSIA	GT	DFO	TK	---	---	0	12 / 1975	--- / ---	52	63	52	63	OP
DEBARY	P4	VOLUSIA	GT	DFO	TK	---	---	0	4 / 1976	--- / ---	51	63	51	63	OP
DEBARY	P5	VOLUSIA	GT	DFO	TK	---	---	0	12 / 1975	--- / ---	50	63	50	63	OP
DEBARY	P6	VOLUSIA	GT	DFO	TK	---	---	0	4 / 1976	--- / ---	67	67	53	63	OP
DEBARY	P7	VOLUSIA	GT	NG	PL	DFO	TK	8	10 / 1992	--- / ---	83	94	83	94	OP
DEBARY	P8	VOLUSIA	GT	NG	PL	DFO	TK	0	10 / 1992	--- / ---	83	96	83	96	OP
DEBARY	P9	VOLUSIA	GT	NG	PL	DFO	TK	0	10 / 1992	--- / ---	81	97	81	97	OP
DEBARY	P10	VOLUSIA	GT	DFO	TK	---	---	0	10 / 1992	--- / ---	82	97	82	97	OP
G. E. TURNER	P1	VOLUSIA	GT	DFO	TK	---	---	0	10 / 1970	6 / 2016	10	13	10	13	OP
G. E. TURNER	P2	VOLUSIA	GT	DFO	TK	---	---	0	10 / 1970	6 / 2016	10	13	10	13	OP
G. E. TURNER	P3	VOLUSIA	GT	DFO	TK	---	---	0	8 / 1974	--- / ---	56	77	56	77	OP
G. E. TURNER	P4	VOLUSIA	GT	DFO	TK	---	---	0	8 / 1974	--- / ---	61	78	61	78	OP
HIGGINS	P1	PINELLAS	GT	NG	PL	DFO	TK	0	3 / 1969	6 / 2016	20	20	20	20	OP
HIGGINS	P2	PINELLAS	GT	NG	PL	DFO	TK	0	4 / 1969	6 / 2016	25	25	25	25	OS
HIGGINS	P3	PINELLAS	GT	NG	PL	DFO	TK	0	12 / 1970	6 / 2016	33	36	30	36	OP
HIGGINS	P4	PINELLAS	GT	NG	PL	DFO	TK	1	1 / 1971	6 / 2016	30	35	30	35	OP
HINES ENERGY COMPLEX	1GT1	POLK	CT	NG	PL	DFO	TK	0	4 / 1999	--- / ---	151	174	151	174	OP
HINES ENERGY COMPLEX	1GT2	POLK	CT	NG	PL	DFO	TK	0	4 / 1999	--- / ---	151	174	151	174	OP
HINES ENERGY COMPLEX	1ST	POLK	CA	WH	NA	---	---	2	4 / 1999	--- / ---	166	186	160	180	OP
HINES ENERGY COMPLEX	2GT1	POLK	CT	NG	PL	DFO	TK	0	12 / 2003	--- / ---	154	186	154	186	OP
HINES ENERGY COMPLEX	2GT2	POLK	CT	NG	PL	DFO	TK	0	12 / 2003	--- / ---	154	186	154	186	OP
HINES ENERGY COMPLEX	2ST	POLK	CA	WH	NA	---	---	0	12 / 2003	--- / ---	187	197	182	191	OP
HINES ENERGY COMPLEX	3GT1	POLK	CT	NG	PL	DFO	TK	0	11 / 2005	--- / ---	155	186	155	186	OP
HINES ENERGY COMPLEX	3GT2	POLK	CT	NG	PL	DFO	TK	0	11 / 2005	--- / ---	155	186	155	186	OP
HINES ENERGY COMPLEX	3ST	POLK	CA	WH	NA	---	---	0	11 / 2005	--- / ---	185	196	178	192	OP
HINES ENERGY COMPLEX	4GT1	POLK	CT	NG	PL	DFO	TK	0	12 / 2007	--- / ---	151	182	151	182	OP
HINES ENERGY COMPLEX	4GT2	POLK	CT	NG	PL	DFO	TK	0	12 / 2007	--- / ---	151	182	151	182	OP
HINES ENERGY COMPLEX	4ST	POLK	CA	WH	NA	DFO	TK	0	12 / 2007	--- / ---	178	188	170	180	OP

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EXISTING GENERATING FACILITIES AS OF JANUARY 1, 2012

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
PLANT NAME	UNIT NO.	LOCATION	UNIT TYPE	PRIMARY FUEL		ALTERNATE FUEL		ALT. FUEL STORAGE (DAYS BURN)	COMMERCIAL IN-SERVICE MO. / YEAR	EXPECTED RETIREMENT MO. / YEAR	GROSS CAPABILITY		NET CAPABILITY		STATUS
				FUEL TYPE	TRANSP. METHOD	FUEL TYPE	TRANSP. METHOD				SUMMER (MW)	WINTER (MW)	SUMMER (MW)	WINTER (MW)	
PROGRESS ENERGY FLORIDA (cont.)															
INTERCESSION CITY	P1	OSCEOLA	GT	DFO	PL	---	---	0	5 / 1974	--- / ---	44	61	44	61	OP
INTERCESSION CITY	P2	OSCEOLA	GT	DFO	PL	---	---	0	5 / 1974	--- / ---	48	61	48	61	OP
INTERCESSION CITY	P3	OSCEOLA	GT	DFO	PL	---	---	0	5 / 1974	--- / ---	49	63	49	63	OP
INTERCESSION CITY	P4	OSCEOLA	GT	DFO	PL	---	---	0	5 / 1974	--- / ---	47	62	47	62	OP
INTERCESSION CITY	P5	OSCEOLA	GT	DFO	PL	---	---	0	5 / 1974	--- / ---	47	61	47	61	OP
INTERCESSION CITY	P6	OSCEOLA	GT	DFO	PL	---	---	0	5 / 1974	--- / ---	47	62	47	62	OP
INTERCESSION CITY	P7	OSCEOLA	GT	NG	PL	DFO	PL	5	10 / 1993	--- / ---	83	94	83	94	OP
INTERCESSION CITY	P8	OSCEOLA	GT	NG	PL	DFO	PL	0	10 / 1993	--- / ---	81	95	81	95	OP
INTERCESSION CITY	P9	OSCEOLA	GT	NG	PL	DFO	PL	0	10 / 1993	--- / ---	82	95	82	95	OP
INTERCESSION CITY	P10	OSCEOLA	GT	NG	PL	DFO	PL	0	10 / 1993	--- / ---	82	95	82	95	OP
INTERCESSION CITY *	P11	OSCEOLA	GT	DFO	PL	---	---	0	1 / 1997	--- / ---	143	161	143	161	OP
INTERCESSION CITY	P12	OSCEOLA	GT	NG	PL	DFO	PL	5	12 / 2000	--- / ---	76	92	76	92	OP
INTERCESSION CITY	P13	OSCEOLA	GT	NG	PL	DFO	PL	0	12 / 2000	--- / ---	76	92	76	92	OP
INTERCESSION CITY	P14	OSCEOLA	GT	NG	PL	DFO	PL	0	12 / 2000	--- / ---	77	95	77	94	OP
P. L. BARTOW	4AGT	PINELLAS	CT	NG	PL	DFO	WA	0	6 / 2009	--- / ---	176	207	176	201	OP
P. L. BARTOW	4BGT	PINELLAS	CT	NG	PL	DFO	WA	0	6 / 2009	--- / ---	176	207	176	203	OP
P. L. BARTOW	4CGT	PINELLAS	CT	NG	PL	DFO	WA	0	6 / 2009	--- / ---	176	207	176	201	OP
P. L. BARTOW	4DGT	PINELLAS	CT	NG	PL	DFO	WA	0	6 / 2009	--- / ---	176	207	176	201	OP
P. L. BARTOW	4ST	PINELLAS	CA	WH	NA	NA	NA	0	6 / 2009	--- / ---	433	437	429	429	OP
P. L. BARTOW	P1	PINELLAS	GT	DFO	WA	---	---	0	5 / 1972	--- / ---	42	52	42	52	OP
P. L. BARTOW	P2	PINELLAS	GT	NG	PL	DFO	WA	8	6 / 1972	--- / ---	43	57	43	57	OP
P. L. BARTOW	P3	PINELLAS	GT	DFO	WA	---	---	0	6 / 1972	--- / ---	43	56	43	56	OP
P. L. BARTOW	P4	PINELLAS	GT	NG	PL	DFO	WA	8	6 / 1972	--- / ---	49	61	49	61	OP
RIO PINAR	P1	ORANGE	GT	DFO	TK	---	---	0	11 / 1970	6 / 2016	12	15	12	15	OP
SUWANNEE RIVER	1	SUWANNEE	ST	NG	PL	RFO	TK	0	11 / 1953	6 / 2016	31	32	28	28	OP
SUWANNEE RIVER	2	SUWANNEE	ST	NG	PL	RFO	TK	0	11 / 1954	6 / 2016	31	32	30	30	OP
SUWANNEE RIVER	3	SUWANNEE	ST	NG	PL	RFO	TK	0	10 / 1956	6 / 2016	75	77	71	73	OP
SUWANNEE RIVER	P1	SUWANNEE	GT	NG	PL	DFO	TK	9	10 / 1980	--- / ---	52	67	52	67	OP
SUWANNEE RIVER	P2	SUWANNEE	GT	DFO	TK	---	---	0	10 / 1980	--- / ---	51	66	51	66	OP
SUWANNEE RIVER	P3	SUWANNEE	GT	NG	PL	DFO	TK	0	11 / 1980	--- / ---	52	67	52	67	OP
TIGER BAY	1GT	POLK	CT	NG	PL	---	---	0	8 / 1997	--- / ---	134	155	134	155	OP
TIGER BAY	1ST	POLK	CA	WH	NA	---	---	0	8 / 1997	--- / ---	72	73	71	72	OP
UNIVERSITY OF FLORIDA	P1	ALACHUA	GT	NG	PL	---	---	0	1 / 1994	--- / ---	47	48	46	47	OP
PEF TOTAL:												9,145	10,169		

* Jointly Owned Unit

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EXISTING GENERATING FACILITIES AS OF JANUARY 1, 2012**

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
PLANT NAME	UNIT NO.	LOCATION	UNIT TYPE	PRIMARY FUEL		ALTERNATE FUEL		ALT. FUEL STORAGE (DAYS BURN)	COMMERCIAL IN-SERVICE MO. / YEAR	EXPECTED RETIREMENT MO. / YEAR	GROSS CAPABILITY		NET CAPABILITY		STATUS
				FUEL TYPE	TRANSP. METHOD	FUEL TYPE	TRANSP. METHOD				SUMMER (MW)	WINTER (MW)	SUMMER (MW)	WINTER (MW)	
REEDY CREEK IMPROVEMENT DISTRICT															
CENTRAL ENERGY PLANT	1	ORANGE	CC	NG	PL	DFO	TK	0	1 / 1989	--- / ---	56	56	55	55	OP
REEDY CREEK DIESEL	D1-D	ORANGE	IC	DFO	TK	---	---	0	1 / 1983	--- / ---	5	5	4.6	4.6	OP
RCI TOTAL:												60	60		
SEMINOLE ELECTRIC COOPERATIVE INC															
CRYSTAL RIVER *	3	CITRUS	ST	NUC	TK	---	---	0	3 / 1977	--- / ---	15.3	15.3	13	13	OS
MIDULLA GENERATING STATION	4	HARDEE	GT	NG	PL	DFO	TK	0	11 / 2006	--- / ---	54	62	54	62	OP
MIDULLA GENERATING STATION	5	HARDEE	GT	NG	PL	DFO	TK	0	11 / 2006	--- / ---	54	62	54	62	OP
MIDULLA GENERATING STATION	6	HARDEE	GT	NG	PL	DFO	TK	0	11 / 2006	--- / ---	54	62	54	62	OP
MIDULLA GENERATING STATION	7	HARDEE	GT	NG	PL	DFO	TK	0	11 / 2006	--- / ---	54	62	54	62	OP
MIDULLA GENERATING STATION	8	HARDEE	GT	NG	PL	DFO	TK	0	11 / 2006	--- / ---	54	62	54	62	OP
MIDULLA GENERATING STATION	CT1	HARDEE	CT	NG	PL	DFO	TK	0	1 / 2002	--- / ---	151	178	151	178	OP
MIDULLA GENERATING STATION	CT2	HARDEE	CT	NG	PL	DFO	TK	0	1 / 2002	--- / ---	151	178	151	178	OP
MIDULLA GENERATING STATION	ST	HARDEE	CA	WH	NA	DFO	TK	0	1 / 2002	--- / ---	152	184	152	184	OP
SEMINOLE GENERATING STATION	1	PUTNAM	ST	BIT	RR	---	---	0	2 / 1984	--- / ---	694	704	647	660	OP
SEMINOLE GENERATING STATION	2	PUTNAM	ST	BIT	RR	---	---	0	1 / 1985	--- / ---	711	714	663	666	OP
SEC TOTAL:												2,034	2,176		
TALLAHASSEE CITY OF															
C. H. CORN HYDRO	1	LEON	HY	WAT	WA	---	---	0	9 / 1985	--- / ---	0	0	0	0	EO
C. H. CORN HYDRO	2	GADSDEN	HY	WAT	WA	---	---	0	8 / 1985	--- / ---	0	0	0	0	EO
C. H. CORN HYDRO	3	LEON	HY	WAT	WA	---	---	0	1 / 1986	--- / ---	0	0	0	0	EO
HOPKINS	1	LEON	ST	NG	PL	RFO	TK	8	5 / 1971	3 / 2020	81	85	76	78	OP
HOPKINS	2	LEON	CT	NG	PL	DFO	TK	21	10 / 1977	--- / ---	159.2	187.4	158	181	OP
HOPKINS	2A	LEON	CA	WH	NA	DFO	TK	21	10 / 1977	--- / ---	142.8	153.6	142	149	OP
HOPKINS	GT1	LEON	GT	NG	PL	DFO	TK	21	2 / 1970	3 / 2015	12	14	12	14	OP
HOPKINS	GT2	LEON	GT	NG	PL	DFO	TK	21	9 / 1972	3 / 2017	24	26	24	26	OP
HOPKINS	GT3	LEON	GT	NG	PL	DFO	TK	21	9 / 2005	--- / ---	49	49	46	48	OP
HOPKINS	GT4	LEON	GT	NG	PL	DFO	TK	21	11 / 2005	--- / ---	49	49	46	48	OP
PURDOM	7	WAKULLA	ST	NG	PL	NG	PL	0	6 / 1966	12 / 2013	51	53	48	48	OP
PURDOM	8CT	WAKULLA	CT	NG	PL	DFO	TK	12	7 / 2000	--- / ---	160.7	185.2	150	180	OP
PURDOM	8ST	WAKULLA	CA	WH	NA	DFO	TK	12	7 / 2000	--- / ---	76.3	80.8	72	78	OP
PURDOM	GT1	WAKULLA	GT	NG	PL	DFO	TK	12	12 / 1963	12 / 2013	10	10	10	10	OP
PURDOM	GT2	WAKULLA	GT	NG	PL	DFO	TK	12	5 / 1964	12 / 2013	10	10	10	10	OP
TAL TOTAL:												794	870		

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EXISTING GENERATING FACILITIES AS OF JANUARY 1, 2012

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
PLANT NAME	UNIT NO.	LOCATION	UNIT TYPE	PRIMARY FUEL		ALTERNATE FUEL		ALT. FUEL STORAGE (DAYS BURN)	COMMERCIAL IN-SERVICE MO. / YEAR	EXPECTED RETIREMENT MO. / YEAR	GROSS CAPABILITY		NET CAPABILITY		STATUS
				FUEL TYPE	TRANSP. METHOD	FUEL TYPE	TRANSP. METHOD				SUMMER (MW)	WINTER (MW)	SUMMER (MW)	WINTER (MW)	
TAMPA ELECTRIC COMPANY															
BAYSIDE	1A	HILLSBOROUGH	CT	NG	PL	NA	NA	0	4 / 2003	--- / ---	158	185	156	183	OP
BAYSIDE	1B	HILLSBOROUGH	CT	NG	PL	NA	NA	0	4 / 2003	--- / ---	158	185	156	183	OP
BAYSIDE	1C	HILLSBOROUGH	CT	NG	PL	NA	NA	0	4 / 2003	--- / ---	158	185	156	183	OP
BAYSIDE	1ST	HILLSBOROUGH	CA	WH	NA	NA	NA	0	4 / 2003	--- / ---	236	246	233	243	OP
BAYSIDE	2A	HILLSBOROUGH	CT	NG	PL	NA	NA	0	1 / 2004	--- / ---	158	185	156	183	OP
BAYSIDE	2B	HILLSBOROUGH	CT	NG	PL	NA	NA	0	1 / 2004	--- / ---	158	185	156	183	OP
BAYSIDE	2C	HILLSBOROUGH	CT	NG	PL	NA	NA	0	1 / 2004	--- / ---	158	185	156	183	OP
BAYSIDE	2D	HILLSBOROUGH	CT	NG	PL	NA	NA	0	1 / 2004	--- / ---	158	185	156	183	OP
BAYSIDE	2ST	HILLSBOROUGH	CA	WH	NA	NA	NA	0	1 / 2004	--- / ---	308	318	305	315	OP
BAYSIDE	CT3	HILLSBOROUGH	GT	NG	PL	NA	NA	0	9 / 2009	--- / ---	57	62	56	61	OP
BAYSIDE	CT4	HILLSBOROUGH	GT	NG	PL	NA	NA	0	9 / 2009	--- / ---	57	62	56	61	OP
BAYSIDE	CT5	HILLSBOROUGH	GT	NG	PL	NA	NA	0	4 / 2009	--- / ---	57	62	56	61	OP
BAYSIDE	CT6	HILLSBOROUGH	GT	NG	PL	NA	NA	0	4 / 2009	--- / ---	57	62	56	61	OP
BIG BEND	1	HILLSBOROUGH	ST	BIT	WA	BIT	RR	0	10 / 1970	--- / ---	410	420	385	395	OP
BIG BEND	2	HILLSBOROUGH	ST	BIT	WA	BIT	RR	0	4 / 1973	--- / ---	410	420	385	395	OP
BIG BEND	3	HILLSBOROUGH	ST	BIT	WA	BIT	RR	0	5 / 1976	--- / ---	390	390	365	365	OP
BIG BEND	4	HILLSBOROUGH	ST	BIT	WA	BIT	RR	0	2 / 1985	--- / ---	450	460	417	427	OP
BIG BEND	CT4	HILLSBOROUGH	GT	NG	PL	NA	TK	0	8 / 2009	--- / ---	57	62	56	61	OP
PARTNERSHIP STATION	1	HILLSBOROUGH	IC	NG	PL	NA	NA	0	5 / 2001	--- / ---	3	3	3	3	OP
PARTNERSHIP STATION	2	HILLSBOROUGH	IC	NG	PL	NA	NA	0	5 / 2001	--- / ---	3	3	3	3	OP
PHILLIPS	1	HIGHLANDS	IC	RFO	TK	DFO	TK	0	6 / 1983	--- / ---	0	0	0	0	SB
PHILLIPS	2	HIGHLANDS	IC	RFO	TK	DFO	TK	0	6 / 1983	--- / ---	0	0	0	0	SB
POLK	2	POLK	GT	NG	PL	DFO	TK	168	7 / 2000	--- / ---	152	184	151	183	OP
POLK	3	POLK	GT	NG	PL	DFO	TK	168	5 / 2002	--- / ---	152	184	151	183	OP
POLK	4	POLK	GT	NG	PL	NA	NA	0	3 / 2007	--- / ---	152	184	151	183	OP
POLK	5	POLK	GT	NG	PL	NA	NA	0	5 / 2007	--- / ---	152	184	151	183	OP
POLK	1CA	POLK	CA	WH	NA	NA	NA	0	9 / 1996	--- / ---	129	115	59	45	OP
POLK	1CT	POLK	CT	OG	WA	DFO	TK	43	9 / 1996	--- / ---	161	175	161	175	OP
TEC TOTAL:												4,292	4,684		
US CORPS OF ENGINEERS - MOBILE															
JIM WOODRUFF	1	GADSDEN	HY	WAT	NA	NA	NA	0	2 / 1957	--- / ---	14.5	14.5	14.5	14.5	OP
JIM WOODRUFF	2	GADSDEN	HY	WAT	NA	NA	NA	0	3 / 1957	--- / ---	14.5	14.5	14.5	14.5	OP
JIM WOODRUFF	3	GADSDEN	HY	WAT	NA	NA	NA	0	4 / 1957	--- / ---	14.5	14.5	14.5	14.5	OP
UCEM TOTAL:												44	44		

* Jointly Owned Unit

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LOAD AND RESOURCE PLAN
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EXISTING GENERATING FACILITIES AS OF JANUARY 1, 2012

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
PLANT NAME	UNIT NO.	LOCATION	UNIT TYPE	PRIMARY FUEL		ALTERNATE FUEL		ALT. FUEL STORAGE (DAYS BURN)	COMMERCIAL IN-SERVICE MO. / YEAR	EXPECTED RETIREMENT MO. / YEAR	GROSS CAPABILITY		NET CAPABILITY		STATUS
				FUEL TYPE	TRANSP. METHOD	FUEL TYPE	TRANSP. METHOD				SUMMER (MW)	WINTER (MW)	SUMMER (MW)	WINTER (MW)	
VERO BEACH CITY OF															
MUNICIPAL PLANT	1	INDIAN RIVER	ST	NG	PL	RFO	TK	0	11 / 1961	--- / ---	13	13	11	12	OP
MUNICIPAL PLANT	2	INDIAN RIVER	CA	WH	NA	RFO	TK	0	8 / 1964	--- / ---	13	13	12	11	OP
MUNICIPAL PLANT	3	INDIAN RIVER	ST	NG	PL	RFO	TK	0	9 / 1971	--- / ---	33	33	32	33	OP
MUNICIPAL PLANT	4	INDIAN RIVER	ST	NG	PL	RFO	TK	0	8 / 1976	--- / ---	56	56	51	53	OP
MUNICIPAL PLANT	5	INDIAN RIVER	CT	NG	PL	DFO	TK	0	12 / 1992	--- / ---	35	40	32	35	OP
VER TOTAL:												138	144		
TOTAL FRCC EXISTING:												47,611	51,082		

**2012
LOAD AND RESOURCE PLAN
FLORIDA RELIABILITY COORDINATING COUNCIL**

**FRCC Form 2.0
SUMMARY OF JOINTLY OWNED GENERATING FACILITIES AS OF JANUARY 1, 2012**

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
PLANT NAME	UTILS	LOCATION	UNIT TYPE	PRIMARY FUEL		ALTERNATE FUEL		ALT. FUEL STORAGE (DAYS BURN)	COMMERCIAL IN-SERVICE MO. / YEAR	EXPECTED RETIREMENT MO. / YEAR	NET CAPABILITY		STATUS
				FUEL TYPE	TRANSP. METHOD	FUEL TYPE	TRANSP. METHOD				SUMMER (MW)	WINTER (MW)	
CANE ISLAND 1	FMPA KUA	OSCEOLA	GT	NG	PL	DFO	TK	0	11 / 1994	--- / ---	16	20	OP
											16	17	OP
											32	37	
CANE ISLAND 2	FMPA KUA	OSCEOLA	CC	NG	PL	DFO	TK	0	6 / 1995	--- / ---	52	54	OP
											52	54	OP
											104	108	
CANE ISLAND 3	FMPA KUA	OSCEOLA	CC	NG	PL	DFO	TK	0	1 / 2002	--- / ---	116	120	OP
											116	120	OP
											232	240	
CRYSTAL RIVER 3	GRU KUA NSB OEU OUC PEF SEC	CITRUS	ST	NUC	TK	---	---	0	3 / 1977	--- / ---	11.8	12.1	OP
											6	6	OP
											5.4	5.4	OP
											11	11	OP
											13	13	OP
											789	805	OS
											13	13	OS
47.2	47.5												
INDIAN RIVER A-B	FMPA KUA OUC	BREVARD	GT	NG	PL	DFO	TK	0	7 / 1989	--- / ---	37.8	49.2	OP
											9	12	OP
											36	46.8	OP
			82.8	108									
INDIAN RIVER C-D	FMPA OUC	BREVARD	GT	NG	PL	DFO	TK	0	8 / 1992	--- / ---	44.7	52.7	OP
											170.6	200.6	OP
											215.3	253.3	
INTERCESSION CITY P11 <i>(Summer capacity owned by Georgia Power)</i>	PEF	OSCEOLA	GT	DFO	PL	---	---	0	1 / 1997	--- / ---	143	161	OP

**2012
LOAD AND RESOURCE PLAN
FLORIDA RELIABILITY COORDINATING COUNCIL**

**FRCC Form 2.0
SUMMARY OF JOINTLY OWNED GENERATING FACILITIES AS OF JANUARY 1, 2012**

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
PLANT NAME	UTILS	LOCATION	UNIT TYPE	PRIMARY FUEL		ALTERNATE FUEL		ALT. FUEL STORAGE (DAYS BURN)	COMMERCIAL IN-SERVICE MO. / YEAR	EXPECTED RETIREMENT MO. / YEAR	NET CAPABILITY		STATUS
				FUEL TYPE	TRANSP. METHOD	FUEL TYPE	TRANSP. METHOD				SUMMER (MW)	WINTER (MW)	
MCINTOSH 3	LAK OUC	POLK	ST	BIT	RR	---	---	0	9 / 1982	--- / ---	205	205	OP
											133	136	OP
											338	341	
SCHERER 4	FPL JEA	MONROE, GA	ST	BIT	RR	---	---	0	7 / 1988	--- / ---	672	678	OP
											194	194	OP
											866	872	
ST. JOHNS RIVER 1	FPL JEA	DUVAL	ST	BIT	RR	PC	WA	0	4 / 1987	--- / ---	127	130	OP
											501	510	OP
											628	640	
ST. JOHNS RIVER 2	FPL JEA	DUVAL	ST	BIT	RR	PC	WA	0	7 / 1988	--- / ---	127	130	OP
											501	510	OP
											628	640	
ST. LUCIE 2	FMPA FPL OUC	ST. LUCIE	ST	NUC	TK	---	---	0	6 / 1983	--- / ---	77	78	OP
											745	757	OP
											51	52	OP
											873	887	
STANTON 1	FMPA KUA OUC	ORANGE	ST	BIT	RR	---	---	0	7 / 1987	--- / ---	117	118	OP
											21	21	OP
											301.6	303.7	OP
											439.6	442.7	
STANTON 2	FMPA OUC	ORANGE	ST	BIT	RR	---	---	0	6 / 1996	--- / ---	127	127	OP
											319.3	319.3	OP
											446.3	446.3	
STANTON A <i>(includes SOU capacity purchase)</i>	FMPA KUA OUC	ORANGE	CC	NG	PL	DFO	TK	3	10 / 2003	--- / ---	62	64	OP
											62	64	OP
											496.6	527.8	OP
											620.6	655.8	

**2012
LOAD AND RESOURCE PLAN
FLORIDA RELIABILITY COORDINATING COUNCIL
FRCC Form 1.1
PLANNED AND PROSPECTIVE GENERATING FACILITY ADDITIONS AND CHANGES
(JANUARY 1, 2012 THROUGH DECEMBER 31, 2021)**

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
UTILITY	PLANT NAME	UNIT NO.	LOCATION	UNIT TYPE	PRIMARY FUEL		ALTERNATE FUEL		ALT. FUEL STORAGE (DAYS BURN)	EFFECTIVE CHANGE DATE MO. / YEAR	GROSS CAPABILITY		NET CAPABILITY		CHANGE/ STATUS
					TYPE	TRANS.	TYPE	TRANS.			SUMMER (MW)	WINTER (MW)	SUMMER (MW)	WINTER (MW)	
2012															
FPL	MANATEE	2	MANATEE	ST	RFO	WA	NG	PL	0	1 / 2012	-847	-857	-812	-822	OS (M)
FPL	PORT EVERGLADES	ST3	BROWARD	ST	RFO	WA	NG	PL	---	1 / 2012	399	401	387	389	OP (IR)
FPL	PORT EVERGLADES	ST4	BROWARD	ST	RFO	WA	NG	PL	0	1 / 2012	404	406	374	376	OP (IR)
FPL	ST. LUCIE	1	ST LUCIE	ST	NUC	TK	---	---	0	1 / 2012	-878	-893	-839	-853	OS (U)
GRU	DEERHAVEN	FS01	ALACHUA	ST	NG	PL	RFO	TK	---	1 / 2012	-9	-9	-8	-8	D
GRU	DEERHAVEN	FS02	ALACHUA	ST	BIT	RR	---	---	0	1 / 2012	20	20	9.9	9.9	A
FPL	SANFORD	5CTA	VOLUSIA	CT	NG	PL	---	---	---	3 / 2012	10	10	10	10	A
FPL	SANFORD	5CTD	VOLUSIA	CT	NG	PL	---	---	---	3 / 2012	9	9	9	9	A
FPL	ST. LUCIE	1	ST LUCIE	ST	NUC	TK	---	---	0	4 / 2012	878	893	839	853	OP (U)
FPL	ST. LUCIE	1	ST LUCIE	ST	NUC	TK	---	---	0	4 / 2012	129	129	129	129	OP (U)
FPL	MANATEE	2	MANATEE	ST	RFO	WA	NG	PL	0	5 / 2012	847	857	812	822	OP (M)
FPL	SCHERER	4	MONROE	ST	BIT	RR	---	---	---	5 / 2012	-30	-30	-30	-30	D
FPL	ST. LUCIE	2	ST LUCIE	ST	NUC	TK	---	---	---	8 / 2012	-745	-757	-745	-757	OS (U)
FPL	TURKEY POINT	3	DADE	ST	NUC	TK	---	---	0	8 / 2012	123	123	123	123	A
FPL	MANATEE	1	MANATEE	ST	RFO	WA	NG	PL	0	9 / 2012	-847	-857	-812	-822	OS (M)
FPL	SANFORD	4CTB	VOLUSIA	CT	NG	PL	---	---	---	10 / 2012	7	11	7	11	A
FMPA	ST. LUCIE	2	ST LUCIE	ST	NUC	TK	---	---	0	11 / 2012	8.7	8.7	8.7	8.7	OP (U)
FPL	SANFORD	4CTA	VOLUSIA	CT	NG	PL	---	---	---	11 / 2012	8	11	8	11	A
FPL	ST. LUCIE	2	ST LUCIE	ST	NUC	TK	---	---	---	11 / 2012	745	757	745	757	OP (U)
FPL	ST. LUCIE	2	ST LUCIE	ST	NUC	TK	---	---	0	11 / 2012	84	84	84	84	OP (U)
OUC	ST. LUCIE	2	ST LUCIE	ST	NUC	TK	---	---	0	11 / 2012	6.3	6.3	6.3	6.3	OP (U)
FPL	MARTIN	8CTB	MARTIN	CT	NG	PL	---	---	---	12 / 2012	10	10	10	10	A
FPL	PORT EVERGLADES	ST3	BROWARD	ST	RFO	WA	NG	PL	0	12 / 2012	-399	-401	-387	-389	OS (IR)
FPL	PORT EVERGLADES	ST4	BROWARD	ST	RFO	WA	NG	PL	0	12 / 2012	-404	-406	-374	-376	OS (IR)
2012 TOTAL:													-445	-448	
2013															
FPL	SANFORD	5CTC	VOLUSIA	CT	NG	PL	---	---	---	2 / 2013	9	9	9	9	A
FPL	SANFORD	4CTD	VOLUSIA	CT	NG	PL	---	---	---	3 / 2013	8	8	8	8	A
FPL	TURKEY POINT	4	DADE	ST	NUC	TK	---	---	0	3 / 2013	123	123	123	123	A
FPL	SANFORD	4CTC	VOLUSIA	CT	NG	PL	---	---	---	4 / 2013	8	8	8	8	A
PEF	ANCLOTE	1	PASCO	ST	NG	PL	NG	PL	0	4 / 2013	-517	-531	-501	-517	OS (U)

* Jointly Owned Unit

**2012
LOAD AND RESOURCE PLAN
FLORIDA RELIABILITY COORDINATING COUNCIL
FRCC Form 1.1
PLANNED AND PROSPECTIVE GENERATING FACILITY ADDITIONS AND CHANGES
(JANUARY 1, 2012 THROUGH DECEMBER 31, 2021)**

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
UTILITY	PLANT NAME	UNIT NO.	LOCATION	UNIT TYPE	PRIMARY FUEL		ALTERNATE FUEL		ALT. FUEL STORAGE (DAYS BURN)	EFFECTIVE CHANGE DATE MO. / YEAR	GROSS CAPABILITY		NET CAPABILITY		CHANGE/ STATUS
					TYPE	TRANS.	TYPE	TRANS.			SUMMER (MW)	WINTER (MW)	SUMMER (MW)	WINTER (MW)	
2013 (cont.)															
HST	G. W. IVEY	8	DADE	IC	NG	PL	DFO	TK	---	5 / 2013	-2.5	-2.5	-2	-2	RT
HST	G. W. IVEY	9	DADE	IC	NG	PL	DFO	TK	---	5 / 2013	-2.5	-2.5	-2	-2	RT
HST	G. W. IVEY	10	DADE	IC	NG	PL	DFO	TK	0	5 / 2013	-2.5	-2.5	-2	-2	RT
HST	G. W. IVEY	11	DADE	IC	NG	PL	DFO	TK	---	5 / 2013	-3.5	-3.5	-3	-3	RT
HST	G. W. IVEY	12	DADE	IC	NG	PL	DFO	TK	---	5 / 2013	-3.5	-3.5	-3	-3	RT
HST	G. W. IVEY	18	DADE	IC	NG	PL	DFO	TK	---	5 / 2013	-9	-9	-7.5	-7.5	RT
PEF	ANCLOTE	1	PASCO	ST	RFO	PL	NG	PL	0	5 / 2013	527	541	511	527	OP (U)
FPL	CAPE CANAVERAL ENERGY CTR	1	BREVARD	CC	NG	PL	DFO	PL	0	6 / 2013	1210	1355	1210	1355	T
FPL	MANATEE	1	MANATEE	ST	RFO	WA	NG	PL	---	6 / 2013	847	857	812	822	OP (M)
FPL	MARTIN	1	MARTIN	ST	RFO	PL	NG	PL	0	6 / 2013	-869	-871	-826	-832	OS (M)
SEC	MIDULLA GENERATING STATION	ST	HARDEE	CA	WH	NA	DFO	TK	0	6 / 2013	6	8	6	8	A
FPL	SANFORD	5CTB	VOLUSIA	CT	NG	PL	---	---	---	9 / 2013	10	10	10	10	A
FMPA	STANTON	2	ORANGE	ST	BIT	RR	---	---	0	11 / 2013	3	3	3	3	A
OUC	STANTON	2	ORANGE	ST	BIT	RR	NA	NA	0	11 / 2013	7.2	7.2	7.2	7.2	A
PEF	ANCLOTE	2	PASCO	ST	NG	PL	NG	PL	0	12 / 2013	-525	-549	-510	-530	OS (U)
TAL	PURDOM	7	WAKULLA	ST	NG	PL	NG	PL	0	12 / 2013	-51	-53	-48	-48	RT
TAL	PURDOM	GT1	WAKULLA	GT	NG	PL	DFO	TK	12	12 / 2013	-10	-10	-10	-10	RT
TAL	PURDOM	GT2	WAKULLA	GT	NG	PL	DFO	TK	12	12 / 2013	-10	-10	-10	-10	RT
2013 TOTAL:												783	914		
2014															
PEF	ANCLOTE	2	PASCO	ST	RFO	PL	NG	PL	---	1 / 2014	535	559	520	540	OP (U)
FPL	TURKEY POINT	5CTA	DADE	CT	NG	PL	---	---	---	2 / 2014	8	8	8	8	A
FPL	TURKEY POINT	5CTB	DADE	CT	NG	PL	---	---	---	2 / 2014	8	8	8	8	A
FPL	MARTIN	1	MARTIN	ST	RFO	PL	NG	PL	---	3 / 2014	869	871	826	832	OP (M)
FPL	MARTIN	2	MARTIN	ST	RFO	PL	NG	PL	---	3 / 2014	-858	-865	-826	-832	OS (M)
FPL	TURKEY POINT	5CTC	DADE	CT	NG	PL	---	---	---	3 / 2014	8	8	8	8	A
FPL	TURKEY POINT	5CTD	DADE	CT	NG	PL	---	---	---	3 / 2014	9	9	9	9	A
FPL	MANATEE	3CTC	MANATEE	CT	NG	PL	---	---	---	5 / 2014	10	10	10	10	A
FPL	MANATEE	3CTD	MANATEE	CT	NG	PL	---	---	---	5 / 2014	9	9	9	9	A
OUC	STANTON	1	ORANGE	ST	BIT	RR	NA	NA	0	5 / 2014	-2.3	-2.3	-2.3	-2.3	D
FPL	RIVIERA BEACH ENERGY CTR	1	PALM BEACH	CC	NG	PL	DFO	PL	0	6 / 2014	1212	1344	1212	1344	T
FPL	MANATEE	3CTA	MANATEE	CT	NG	PL	---	---	---	9 / 2014	10	10	10	10	A
FPL	MANATEE	3CTB	MANATEE	CT	NG	PL	---	---	---	9 / 2014	10	10	10	10	A

* Jointly Owned Unit

**2012
LOAD AND RESOURCE PLAN
FLORIDA RELIABILITY COORDINATING COUNCIL
FRCC Form 1.1
PLANNED AND PROSPECTIVE GENERATING FACILITY ADDITIONS AND CHANGES
(JANUARY 1, 2012 THROUGH DECEMBER 31, 2021)**

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
UTILITY	PLANT NAME	UNIT NO.	LOCATION	UNIT TYPE	PRIMARY FUEL		ALTERNATE FUEL		ALT. FUEL STORAGE (DAYS BURN)	EFFECTIVE CHANGE DATE MO. / YEAR	GROSS CAPABILITY		NET CAPABILITY		CHANGE/ STATUS
					TYPE	TRANS.	TYPE	TRANS.			SUMMER (MW)	WINTER (MW)	SUMMER (MW)	WINTER (MW)	
2014 (cont.)															
NSB	CRYSTAL RIVER *	3	CITRUS	ST	NUC	TK	---	---	0	11 / 2014	1	1	1	1	OP (U)
PEF	CRYSTAL RIVER *	3	CITRUS	ST	NUC	TK	---	---	0	11 / 2014	825	837	789	805	OP (U)
SEC	CRYSTAL RIVER *	3	CITRUS	ST	NUC	TK	---	---	0	11 / 2014	2.2	2.2	4.5	4.5	OP (U)
FPL	MARTIN	2	MARTIN	ST	RFO	PL	NG	PL	---	12 / 2014	858	865	826	832	OP (M)
2014 TOTAL:													3,422	3,596	
2015															
OUC	CRYSTAL RIVER *	3	CITRUS	ST	NUC	TK	---	---	0	1 / 2015	2.5	2.5	2.5	2.5	OP (U)
PEF	CRYSTAL RIVER *	3	CITRUS	ST	NUC	TK	---	---	0	1 / 2015	154	154	154	154	OP (U)
FPL	FT. MYERS	2CTB	LEE	CT	NG	PL	---	---	---	3 / 2015	8	8	8	8	A
FPL	FT. MYERS	2CTF	LEE	CT	NG	PL	---	---	---	3 / 2015	9	9	9	9	A
TAL	HOPKINS	GT1	LEON	GT	NG	PL	DFO	TK	21	3 / 2015	-12	-14	-12	-14	RT
FMPA	STANTON	1	ORANGE	ST	BIT	RR	---	---	---	5 / 2015	3	3	3	3	A
OUC	STANTON	1	ORANGE	ST	BIT	RR	NA	NA	0	5 / 2015	6.9	6.9	6.9	6.9	A
FPL	FT. MYERS	2CTD	LEE	CT	NG	PL	---	---	---	6 / 2015	8	8	8	8	A
FPL	FT. MYERS	2CTE	LEE	CT	NG	PL	---	---	---	6 / 2015	9	9	9	9	A
FPL	FT. MYERS	2CTA	LEE	CT	NG	PL	---	---	0	7 / 2015	8	8	8	8	A
FPL	FT. MYERS	2CTC	LEE	CT	NG	PL	---	---	---	8 / 2015	9	9	9	9	A
GRU	J. R. KELLY	FS07	ALACHUA	ST	NG	PL	RFO	TK	0	10 / 2015	-24	-24	-23.2	-23.2	RT
2015 TOTAL:													182	180	
2016															
FPL	PORT EVERGLADES	1	BROWARD	CC	NG	PL	DFO	PL	0	6 / 2016	1277	1429	1277	1429	P
FPL	TURKEY POINT	1	DADE	ST	RFO	WA	NG	PL	---	6 / 2016	-415	-417	-396	-398	D
PEF	AVON PARK	P1	HIGHLANDS	GT	NG	PL	DFO	TK	0	6 / 2016	-24	-35	-24	-35	RT
PEF	AVON PARK	P2	HIGHLANDS	GT	DFO	TK	---	---	---	6 / 2016	-24	-35	-24	-35	RT
PEF	G. E. TURNER	P1	VOLUSIA	GT	DFO	TK	---	---	---	6 / 2016	-10	-13	-10	-13	RT
PEF	G. E. TURNER	P2	VOLUSIA	GT	DFO	TK	---	---	---	6 / 2016	-10	-13	-10	-13	RT
PEF	HIGGINS	P1	PINELLAS	GT	NG	PL	DFO	TK	0	6 / 2016	-20	-20	-20	-20	RT
PEF	HIGGINS	P2	PINELLAS	GT	NG	PL	DFO	TK	0	6 / 2016	-25	-25	-25	-25	RT
PEF	HIGGINS	P3	PINELLAS	GT	NG	PL	DFO	TK	0	6 / 2016	-33	-36	-30	-36	RT
PEF	HIGGINS	P4	PINELLAS	GT	NG	PL	DFO	TK	0	6 / 2016	-30	-35	-30	-35	RT

* Jointly Owned Unit

**2012
LOAD AND RESOURCE PLAN
FLORIDA RELIABILITY COORDINATING COUNCIL
FRCC Form 1.1
PLANNED AND PROSPECTIVE GENERATING FACILITY ADDITIONS AND CHANGES
(JANUARY 1, 2012 THROUGH DECEMBER 31, 2021)**

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
UTILITY	PLANT NAME	UNIT NO.	LOCATION	UNIT TYPE	PRIMARY FUEL		ALTERNATE FUEL		ALT. FUEL STORAGE (DAYS BURN)	EFFECTIVE CHANGE DATE MO. / YEAR	GROSS CAPABILITY		NET CAPABILITY		CHANGE/ STATUS
					TYPE	TRANS.	TYPE	TRANS.			SUMMER (MW)	WINTER (MW)	SUMMER (MW)	WINTER (MW)	
2016 (cont.)															
PEF	RIO PINAR	P1	ORANGE	GT	DFO	TK	---	---	---	6 / 2016	-12	-15	-12	-15	RT
PEF	SUWANNEE RIVER	1	SUWANNEE	ST	RFO	TK	NG	PL	0	6 / 2016	-31	-32	-30	-30	RT
PEF	SUWANNEE RIVER	2	SUWANNEE	ST	RFO	TK	NG	PL	0	6 / 2016	-31	-32	-30	-30	RT
PEF	SUWANNEE RIVER	3	SUWANNEE	ST	RFO	TK	NG	PL	0	6 / 2016	-75	-77	-71	-73	RT
2016 TOTAL:												565	671		
2017															
TEC	FUTURE	CC	POLK	CC	NG	PL	NA	NA	0	1 / 2017	460	464	459	463	P
TAL	HOPKINS	GT2	LEON	GT	NG	PL	DFO	TK	21	3 / 2017	-24	-26	-24	-26	RT
2017 TOTAL:												435	437		
2018															
GRU	J. R. KELLY	GT01	ALACHUA	GT	NG	PL	DFO	TK	---	2 / 2018	-14	-15	-14	-15	RT
GRU	J. R. KELLY	GT02	ALACHUA	GT	NG	PL	DFO	TK	---	9 / 2018	-14	-15	-14	-15	RT
SEC	UNNAMED CT	1	GILCHRIST	CT	NG	PL	DFO	TK	0	12 / 2018	158	180	158	180	P
2018 TOTAL:												130	150		
2019															
GRU	J. R. KELLY	GT03	ALACHUA	GT	NG	PL	DFO	TK	---	5 / 2019	-14	-15	-14	-15	RT
TEC	FUTURE	CT1	HILLSBOROUGH	GT	NG	PL	NA	NA	0	5 / 2019	150	178	149	177	P
PEF	UNNAMED CC	1	UNKNOWN	CC	NG	PL	DFO	UN	0	6 / 2019	767	875	767	875	P
SEC	UNNAMED CT	2	GILCHRIST	CT	NG	PL	DFO	TK	0	12 / 2019	158	180	158	180	P
2019 TOTAL:												1,060	1,217		

* Jointly Owned Unit

**2012
LOAD AND RESOURCE PLAN
FLORIDA RELIABILITY COORDINATING COUNCIL
FRCC Form 1.1
PLANNED AND PROSPECTIVE GENERATING FACILITY ADDITIONS AND CHANGES
(JANUARY 1, 2012 THROUGH DECEMBER 31, 2021)**

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
UTILITY	PLANT NAME	UNIT NO.	LOCATION	UNIT TYPE	PRIMARY FUEL		ALTERNATE FUEL		ALT. FUEL STORAGE (DAYS BURN)	EFFECTIVE CHANGE DATE MO. / YEAR	GROSS CAPABILITY		NET CAPABILITY		CHANGE/ STATUS
					TYPE	TRANS.	TYPE	TRANS.			SUMMER (MW)	WINTER (MW)	SUMMER (MW)	WINTER (MW)	
2020															
TAL	HOPKINS	1	LEON	ST	NG	PL	RFO	TK	8	3 / 2020	-81	-85	-76	-78	RT
SEC	UNNAMED CC	1	GILCHRIST	CC	NG	PL	DFO	TK	0	12 / 2020	196	227	196	227	P
SEC	UNNAMED CC	2	GILCHRIST	CC	NG	PL	DFO	TK	0	12 / 2020	196	227	196	227	P
SEC	UNNAMED CT	3	GILCHRIST	CT	NG	PL	DFO	TK	0	12 / 2020	158	180	158	180	P
SEC	UNNAMED CT	4	GILCHRIST	CT	NG	PL	DFO	TK	0	12 / 2020	158	180	158	180	P
SEC	UNNAMED CT	5	GILCHRIST	CT	NG	PL	DFO	TK	0	12 / 2020	158	180	158	180	P
2020 TOTAL:												790	916		
2021															
OUC	STANTON ENERGY CENTER	C	ORANGE	GT	NG	PL	DFO	TK	3	4 / 2021	195	205	185	195	P
SEC	UNNAMED CT	6	GILCHRIST	CT	NG	PL	DFO	TK	0	5 / 2021	158	180	158	180	P
PEF	LEVY	1	LEVY	ST	NUC	TK	NUC	TK	0	6 / 2021	1092	1120	1092	1120	P
SEC	UNNAMED CC	3	GILCHRIST	CC	NG	PL	DFO	TK	0	12 / 2021	196	227	196	227	P
SEC	UNNAMED CT	7	GILCHRIST	CT	NG	PL	DFO	TK	0	12 / 2021	158	180	158	180	P
SEC	UNNAMED CT	8	GILCHRIST	CT	NG	PL	DFO	TK	0	12 / 2021	158	180	158	180	P
SEC	UNNAMED CT	9	GILCHRIST	CT	NG	PL	DFO	TK	0	12 / 2021	158	180	158	180	P
2021 TOTAL:												2,105	2,262		
FRCC FUTURE TOTAL:												9,027	9,895		

* Jointly Owned Unit

**2012
LOAD AND RESOURCE PLAN
FLORIDA RELIABILITY COORDINATING COUNCIL
FRCC Form 10**

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

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
YEAR	INSTALLED CAPACITY		FIRM INTERCHANGE		FIRM	TOTAL	TOTAL PEAK DEMAND (MW)	RESERVE MARGIN W/O EXERCISING LOAD MANAGEMENT & INT.		NET FIRM PEAK DEMAND (MW)	RESERVE MARGIN WITH EXERCISING LOAD MANAGEMENT & INT.	
	INSIDE REGION (MW)	OUTSIDE REGION (MW)	REGIONAL IMPORTS (MW)	REGIONAL EXPORTS (MW)	NON-UTILITY PURCHASES (MW)	AVAILABLE CAPACITY (MW)		(MW)	(MW)	% OF PEAK	(MW)	(MW)
2012	46,911	836	1,340	143	5,289	54,233	45,613	8,620	19%	42,430	11,803	28%
2013	47,670	836	1,340	143	5,119	54,823	46,270	8,553	18%	43,041	11,782	27%
2014	48,894	836	1,340	143	4,416	55,343	46,857	8,486	18%	43,618	11,725	27%
2015	50,731	836	1,340	143	4,417	57,181	47,758	9,423	20%	44,459	12,722	29%
2016	51,282	836	0	143	4,616	56,591	48,594	7,997	16%	45,242	11,349	25%
2017	51,717	836	100	143	4,339	56,849	49,244	7,605	15%	45,802	11,047	24%
2018	51,703	836	200	143	4,325	56,921	49,643	7,278	15%	46,152	10,769	23%
2019	52,749	836	200	143	4,206	57,848	50,356	7,492	15%	46,803	11,045	24%
2020	52,831	836	200	143	4,123	57,847	51,191	6,656	13%	47,581	10,266	22%
2021	55,132	836	200	143	3,916	59,941	51,933	8,008	15%	48,273	11,668	24%

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

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
YEAR	INSTALLED CAPACITY		FIRM INTERCHANGE		FIRM	TOTAL	TOTAL PEAK DEMAND (MW)	RESERVE MARGIN W/O EXERCISING LOAD MANAGEMENT & INT.		NET FIRM PEAK DEMAND (MW)	RESERVE MARGIN WITH EXERCISING LOAD MANAGEMENT & INT.	
	INSIDE REGION (MW)	OUTSIDE REGION (MW)	REGIONAL IMPORTS (MW)	REGIONAL EXPORTS (MW)	NON-UTILITY PURCHASES (MW)	AVAILABLE CAPACITY (MW)		(MW)	(MW)	% OF PEAK	(MW)	(MW)
2012 / 13	49,792	842	1,340	0	5,631	57,605	46,864	10,741	23%	43,558	14,047	32%
2013 / 14	50,414	842	1,340	0	5,633	58,229	46,367	11,862	26%	43,049	15,180	35%
2014 / 15	54,444	842	1,340	0	4,715	61,341	47,568	13,773	29%	44,228	17,113	39%
2015 / 16	54,482	842	0	0	4,842	60,166	48,172	11,994	25%	44,790	15,376	34%
2016 / 17	55,590	842	100	0	4,635	61,167	48,797	12,370	25%	45,297	15,870	35%
2017 / 18	55,575	842	200	0	4,621	61,238	49,298	11,940	24%	45,752	15,486	34%
2018 / 19	55,740	842	200	0	4,501	61,284	49,908	11,376	23%	46,305	14,979	32%
2019 / 20	56,879	842	200	0	4,419	62,340	50,570	11,770	23%	46,910	15,430	33%
2020 / 21	57,873	842	200	0	4,420	63,335	51,218	12,117	24%	47,509	15,826	33%
2021 / 22	60,135	842	200	0	3,716	64,893	51,921	12,972	25%	48,169	16,724	35%

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

2012
FRCC Form 11
CONTRACTED FIRM IMPORTS AND FIRM EXPORTS
FROM/TO OUTSIDE THE FRCC REGION AT TIME OF PEAK (MW)
AS OF JANUARY 1, 2012

SUMMER

<u>YEAR</u>	<u>IMPORTS</u>					<u>EXPORTS</u>					<u>NET INTER-CHANGE</u>	
	<u>FPL</u>	<u>PEF</u>	<u>JEA</u>	_____	_____	<u>TOTAL</u>	<u>PEF</u>	_____	_____	_____		<u>TOTAL</u>
2012	928	412	0			1,340	143				143	1,197
2013	928	412	0			1,340	143				143	1,197
2014	928	412	0			1,340	143				143	1,197
2015	928	412	0			1,340	143				143	1,197
2016	0	0	0			0	143				143	-143
2017	0	0	100			100	143				143	-43
2018	0	0	200			200	143				143	57
2019	0	0	200			200	143				143	57
2020	0	0	200			200	143				143	57
2021	0	0	200			200	143				143	57

WINTER

<u>YEAR</u>	<u>IMPORTS</u>					<u>EXPORTS</u>					<u>NET INTER-CHANGE</u>	
	<u>FPL</u>	<u>PEF</u>	<u>JEA</u>	_____	_____	<u>TOTAL</u>	<u>PEF</u>	_____	_____	_____		<u>TOTAL</u>
2012 / 13	928	412	0			1,340	0				0	1,340
2013 / 14	928	412	0			1,340	0				0	1,340
2014 / 15	928	412	0			1,340	0				0	1,340
2015 / 16	0	0	0			0	0				0	0
2016 / 17	0	0	100			100	0				0	100
2017 / 18	0	0	200			200	0				0	200
2018 / 19	0	0	200			200	0				0	200
2019 / 20	0	0	200			200	0				0	200
2020 / 21	0	0	200			200	0				0	200
2021 / 22	0	0	200			200	0				0	200

**2012
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, 2011**

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
UTILITY	FACILITY NAME	UNIT NO.	LOCATION	POTENTIAL EXPORT TO GRID AT TIME OF PEAK				GROSS CAPABILITY		NET CAPABILITY		UNIT TYPE	FUEL TYPE		COMMERCIAL IN-SERVICE MO. / YEAR	CONTRACT STATUS
				FIRM		UNCOMMITTED		SUM (MW)	WIN (MW)	SUM (MW)	WIN (MW)		PRI	ALT		
				SUM (MW)	WIN (MW)	SUM (MW)	WIN (MW)									
FLORIDA MUNICIPAL POWER AGENCY																
	CUTRALE		LAKE	0.0	0.0	0.0	0.0	4.6	4.6	4.6	4.6	CC	NG	---	12 / 1987	NC
	US SUGAR CORPORATION		HENDRY	0.0	0.0	0.0	0.0	26.5	26.5	26.5	26.5	OT	OBS	---	2 / 1984	NC
			FMPA TOTAL:	0.0	0.0	0.0	0.0									
FLORIDA POWER & LIGHT COMPANY																
	BROWARD-NORTH	1	BROWARD	11.0	11.0	---	---	62	62	56	56	OT	MSW	---	4 / 1992	C
	BROWARD-SOUTH	1	BROWARD	3.5	3.5	---	---	68	68	54	54	OT	MSW	---	4 / 1991	C
	CEDAR BAY	1	DUVAL	250.0	250.0	---	---	250	250	250	250	OT	BIT	---	1 / 1994	C
	GEORGIA PACIFIC	1	PUTNAM	---	---	0.0	0.0	52	52	52	52	OT	WDS	---	2 / 1983	NC
	INDIANTOWN	1	MARTIN	330.0	330.0	---	---	330	330	330	330	OT	BIT	---	12 / 1995	C
	NEW HOPE / OKEELANTA	1	PALM BEACH	---	---	---	---	140	140	155	180	OT	OBS	NG	11 / 1985	NC
	TOMOKA FARMS	1	VOLUSIA	---	---	0.0	0.0	3.8	3.8	3.8	3.8	OT	LFG	---	7 / 1998	NC
	US SUGAR-BRYANT	1	PALM BEACH	---	---	0.0	0.0	20	20	20	20	OT	OBS	---	2 / 1980	NC
			FPL TOTAL:	594.5	594.5	0.0	0.0									
GAINESVILLE REGIONAL UTILITIES																
	G2 ENERGY	1	MARION	3.7	3.7	---	---	4	4	3.8	3.8	IC	LFG	---	12 / 2008	C
			GRU TOTAL:	3.7	3.7	0.0	0.0									
JEA																
	ANHEUSER BUSCH		DUVAL	0.0	0.0	0.0	0.0	---	---	8	9	ST	NG	---	4 / 1988	NC
	TRAILRIDGE	1	DUVAL	9.0	9.0	0.0	0.0	9	9	9	9	IC	LFG	---	12 / 2008	C
			JEA TOTAL:	9.0	9.0	0.0	0.0									

**2012
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, 2011**

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)		
UTILITY	FACILITY NAME	UNIT NO.	LOCATION	POTENTIAL EXPORT TO GRID AT TIME OF PEAK				GROSS CAPABILITY		NET CAPABILITY		UNIT TYPE	FUEL TYPE		COMMERCIAL IN-SERVICE MO. / YEAR	CONTRACT STATUS		
				FIRM		UNCOMMITTED		SUM (MW)	WIN (MW)	SUM (MW)	WIN (MW)		SUM (MW)	WIN (MW)			PRI	ALT
				SUM (MW)	WIN (MW)	SUM (MW)	WIN (MW)											
<u>PROGRESS ENERGY FLORIDA</u>																		
	BEN HILL GRIFFIN	1	POLK	0.0	0.0	0.0	0.0	0.5	0.5	0.5	0.5	ST	NG	DFO	11 / 1981	NC		
	CENTRAL POWER & LIME	1	HERNANDO	0.0	0.0	133.0	133.0	133	133	133	133	ST	BIT	---	12 / 2008	NC		
	CITRUS WORLD	1	POLK	0.0	0.0	0.0	0.0	0.4	0.4	0.4	0.4	ST	NG	DFO	11 / 1979	NC		
	CITRUS WORLD	4	POLK	0.0	0.0	0.0	0.0	4	4	4	4	ST	NG	DFO	12 / 1987	NC		
	DADE COUNTY RES. RECOV.	1	DADE	43.0	43.0	0.0	0.0	43	43	43	43	ST	MSW	---	11 / 1991	C		
	EL DORADO	1-2	POLK	114.2	114.2	18.8	18.8	133	133	133	133	CA	NG	DFO	7 / 1994	C		
	LAKE COGEN	1	LAKE	110.0	110.0	0.0	0.0	111	111	110	110	CA	NG	DFO	7 / 1993	C		
	LAKE COUNTY RES. RECOV.	1	LAKE	12.8	12.8	0.0	0.0	14.8	14.8	12.8	12.8	ST	MSW	---	9 / 1990	C		
	LFC JEFFERSON	1	POLK	8.5	8.5	0.0	0.0	8.5	8.5	8.5	8.5	CA	NG	DFO	6 / 1990	C		
	LFC MADISON	1	POLK	8.5	8.5	0.0	0.0	8.5	8.5	8.5	8.5	CA	NG	DFO	9 / 1989	C		
	MULBERRY	1	POLK	115.0	115.0	0.0	0.0	115	120	115	115	CA	NG	DFO	7 / 1994	C		
	ORANGE COGEN (CFR-BIOGEN)	1	POLK	74.0	74.0	0.0	0.0	107	107	102	102	CS	NG	---	6 / 1995	C		
	ORLANDO COGEN	1	ORANGE	79.2	79.2	9.0	18.8	125.2	135	123.2	133	CA	NG	---	10 / 1993	C		
	PASCO COUNTY RES. RECOV.	1	PASCO	23.0	23.0	0.0	0.0	26	26	23	23	ST	MSW	---	3 / 1991	C		
	PINELLAS COUNTY RES. RECOV.	1	PINELLAS	40.0	40.0	0.0	0.0	44.6	44.6	40	40	ST	MSW	---	4 / 1983	C		
	PINELLAS COUNTY RES. RECOV.	2	PINELLAS	14.8	14.8	0.0	0.0	17.1	17.1	14.8	14.8	ST	MSW	---	6 / 1986	C		
	POTASH of SASKATCHEWAN	1	HAMILTON	0.0	0.0	1.0	1.0	16.2	16.2	15	15	ST	WH	---	1 / 1980	NC		
	POTASH of SASKATCHEWAN	2	HAMILTON	0.0	0.0	0.2	0.2	28	28	27	27	ST	WH	---	5 / 1986	NC		
	PROCTOR & GAMBLE (BUCKEYE)	1-4	TAYLOR	0.0	0.0	0.0	0.0	38	38	38	38	ST	WDS	---	1 / 1954	NC		
	RIDGE GENERATING STATION	1	POLK	39.6	39.6	0.0	0.0	39.6	39.6	39.6	39.6	ST	WDS	---	5 / 1994	C		
	PEF TOTAL:			682.6	682.6	162.0	171.8											
<u>REEDY CREEK IMPROVEMENT DISTRICT</u>																		
	ORLANDO COGEN	1	ORANGE	35.0	35.0	---	---	125.2	135	123.2	133	CS	NG	NA	1 / 1994	C		
	RCI TOTAL:			35.0	35.0	0.0	0.0											

**2012
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, 2011**

(1) UTILITY	(2) FACILITY NAME	(3) UNIT NO.	(4) LOCATION	(5)-(8) POTENTIAL EXPORT TO GRID AT TIME OF PEAK				(9)-(10) GROSS CAPABILITY		(11)-(12) NET CAPABILITY		(13) UNIT TYPE	(14)-(15) FUEL TYPE		(16) COMMERCIAL IN-SERVICE MO. / YEAR	(17) CONTRACT STATUS		
				FIRM		UNCOMMITTED		SUM (MW)	WIN (MW)	SUM (MW)	WIN (MW)		SUM (MW)	WIN (MW)			PRI	ALT
				SUM (MW)	WIN (MW)	SUM (MW)	WIN (MW)											
				SUM (MW)	WIN (MW)	SUM (MW)	WIN (MW)	SUM (MW)	WIN (MW)	SUM (MW)	WIN (MW)							
SEMINOLE ELECTRIC COOPERATIVE INC																		
	BREVARD LANDFILL	1	BREVARD	9.0	9.0	---	---	9	9	9	9	ST	LFG	---	4 / 2008	C		
	CITY OF TAMPA REF-TO-ENERGY	1	HILLSBOROUGH	20.0	20.0	---	---	20	20	20	20	ST	MSW	---	8 / 2011	C		
	HARDEE POWER STATION	CT1A	HARDEE	70.0	89.0	---	---	70	89	70	89	CT	NG	DFO	1 / 1993	C		
	HARDEE POWER STATION	CT1B	HARDEE	70.0	89.0	---	---	70	89	70	89	CT	NG	DFO	1 / 1993	C		
	HARDEE POWER STATION	ST1	HARDEE	80.0	89.0	---	---	80	89	80	89	CA	WH	DFO	1 / 1993	C		
	HARDEE POWER STATION	CT2A	HARDEE	70.0	89.0	---	---	70	89	70	89	CT	NG	DFO	1 / 1993	C		
	HILLSB. WASTE TO ENERGY	1	HILLSBOROUGH	38.0	38.0	---	---	38	38	38	38	ST	MSW	---	3 / 2010	C		
	LEE COUNTY RES. RECOV.	1	LEE	45.0	50.0	---	---	45	50	45	50	ST	MSW	---	12 / 1999	C		
	SEMINOLE LANDFILL	1	SEMINOLE	6.2	6.2	---	---	6.2	6.2	6.2	6.2	ST	LFG	---	11 / 2007	C		
	TELOGIA POWER	1	LIBERTY	13.0	13.0	---	---	13	13	13	13	ST	WDS	---	7 / 2009	C		
	TIMBERLINE ENERGY	1	HERNANDO	1.6	1.6	---	---	1.6	1.6	1.6	1.6	ST	LFG	---	2 / 2008	C		
	SEC TOTAL:			422.8	493.8	0.0	0.0											
TAMPA ELECTRIC COMPANY																		
	AUBURNDALE POWER PARTNERS	1-2	POLK	0.0	0.0	0.0	0.0	135.1	135.1	135.1	135.1	CT	NG	NA	8 / 1994	NC		
	CF INDUSTRIES	1	HILLSBOROUGH	0.0	0.0	3.4	3.4	34.9	34.9	34.9	34.9	ST	WH	NA	12 / 1988	NC		
	CITY OF TAMPA REF-TO-ENERGY	1	HILLSBOROUGH	0.0	0.0	0.0	0.0	21	21	21	21	ST	MSW	NA	6 / 1985	NC		
	CITY OF TAMPA SEWAGE	1-5	HILLSBOROUGH	0.0	0.0	0.0	0.0	1.5	1.5	1.5	1.5	IC	OBG	NA	7 / 1989	NC		
	CUTRALE CITRUS JUICES	1-3	POLK	0.0	0.0	0.0	0.0	8	8	8	8	CT	NG	DFO	12 / 1987	NC		
	GREENBAY	1	POLK	0.0	0.0	0.0	0.0	0	0	0	0	ST	WH	NA	10 / 1990	NC		
	HILLS. CTY REF-TO-ENERGY	1	HILLSBOROUGH	0.0	0.0	0.0	0.0	42.6	42.6	42.6	42.6	ST	MSW	NA	4 / 1987	NC		
	MILLPOINT	1-3	HILLSBOROUGH	0.0	0.0	10.0	10.0	47	47	47	47	OT	WH	NG	12 / 1995	NC		
	NEW WALES	1-2	POLK	0.0	0.0	2.0	2.0	79	79	79	79	ST	WH	NA	12 / 1984	NC		
	ORANGE COGEN	1	POLK	23.0	23.0	0.0	0.0	107	107	102	102	CT	NG	NA	1 / 1995	C		
	RIDGEWOOD	1-2	HILLSBOROUGH	0.0	0.0	6.0	6.0	62	62	62	62	ST	WH	NA	10 / 1992	NC		
	SOUTH PIERCE	1-2	POLK	0.0	0.0	0.0	0.0	30	30	30	30	ST	WH	NA	9 / 1969	NC		
	ST. JOSEPHS HOSPITAL	1	HILLSBOROUGH	0.0	0.0	0.0	0.0	1.6	1.6	1.6	1.6	IC	NG	NA	4 / 1993	NC		
	TEC TOTAL:			23.0	23.0	21.4	21.4											
	FRCC TOTAL:			1,770.6	1,841.6	183.4	193.2	(UNCOMMITTED TOTAL EXCLUDES MERCHANT FACILITIES)										

**2012
LOAD AND RESOURCE PLAN
FLORIDA RELIABILITY COORDINATING COUNCIL**

**FRCC Form 3.1
PLANNED AND PROSPECTIVE NON-UTILITY, QF, AND SELF SERVICE GENERATION FACILITIES
INSTALLATIONS, CHANGES, AND REMOVALS
JANUARY 1, 2012 THROUGH DECEMBER 31, 2021**

(1) UTIL	(2) FACILITY NAME	(3) UNIT NO.	(4) LOCATION	(5) (6) (7) (8) POTENTIAL EXPORT TO GRID AT TIME OF PEAK				(9) (10) GROSS CAPABILITY		(11) (12) NET CAPABILITY		(13) UNIT TYPE	(14) (15) FUEL TYPE		(16) COMMERCIAL IN-SERVICE/ RETIREMENT/ OR CHANGE IN CONTRACT		(17) CONTRACT STATUS		
				FIRM		UNCOMMITTED		SUM	WIN	SUM	WIN		SUM	WIN	PRI	ALT		MO	YEAR
				SUM	WIN	SUM	WIN	(MW)	(MW)	(MW)	(MW)		(MW)	(MW)					
				(MW)	(MW)	(MW)	(MW)												
2012																			
FPL	PALM BEACH COUNTY	1	PALM BEACH	40.0	40.0	---	---	40.0	40.0	40.0	40.0	OT	MSW	---	1	/	2012	C	
SEC	HARDEE POWER STATION	CT1A	HARDEE	-70.0	-89.0	---	---	-70.0	-89.0	-70.0	-89.0	CT	NG	DFO	12	/	2012	CE	
SEC	HARDEE POWER STATION	CT1B	HARDEE	-70.0	-89.0	---	---	-70.0	-89.0	-70.0	-89.0	CT	NG	DFO	12	/	2012	CE	
SEC	HARDEE POWER STATION	ST1	HARDEE	-80.0	-89.0	---	---	-80.0	-89.0	-80.0	-89.0	CA	WH	DFO	12	/	2012	CE	
SEC	HARDEE POWER STATION	CT2A	HARDEE	-70.0	-89.0	---	---	-70.0	-89.0	-70.0	-89.0	CT	NG	DFO	12	/	2012	CE	
2013																			
JEA	TRAILRIDGE	2	DUVAL	9.0	9.0	---	---	9.0	9.0	9.0	9.0	IC	LFG	---	1	/	2013	C	
PEF	UNKNOWN	1	UNKNOWN	40.0	40.0	---	---	40.0	40.0	40.0	40.0	OT	WDS	WDS	7	/	2013	C	
PEF	LAKE COGEN	1	LAKE	-110.0	-110.0	110.0	110.0	111.0	111.0	110.0	110.0	CA	NG	DFO	7	/	2013	CE	
PEF	DADE COUNTY RES. RECOV.	1	DADE	-43.0	-43.0	43.0	43.0	43.0	43.0	43.0	43.0	ST	MSW	---	11	/	2013	CE	
PEF	EL DORADO	1-2	POLK	-114.2	-114.2	133.0	133.0	133.0	133.0	133.0	133.0	CA	NG	DFO	12	/	2013	CE	
PEF	LFC JEFFERSON	1	POLK	-8.5	-8.5	8.5	8.5	8.5	8.5	8.5	8.5	CA	NG	DFO	12	/	2013	CE	
PEF	LFC MADISON	1	POLK	-8.5	-8.5	8.5	8.5	8.5	8.5	8.5	8.5	CA	NG	DFO	12	/	2013	CE	
2014																			
GRU	GVL RENEWABLE ENERGY	1	ALACHUA	100.0	100.0	---	---	116.0	116.0	100.0	100.0	ST	WDS	---	1	/	2014	C	
PEF	FB ENERGY	1	UNKNOWN	60.0	60.0	0.0	0.0	60.0	60.0	60.0	60.0	ST	AB	---	1	/	2014	C	
SEC	LEE COUNTY RES. RECOV.	1	LEE	50.0	55.0	---	---	50.0	55.0	50.0	55.0	ST	MSW	---	1	/	2014	I	
RCI	ORLANDO COGEN	1	ORANGE	-35.0	-35.0	35.0	35.0	125.2	135.0	123.2	133.0	CS	NG	NA	1	/	2014	CE	
PEF	UNKNOWN	1	POLK	60.0	60.0	---	---	60.0	60.0	60.0	60.0	OT	WDS	WDS	1	/	2014	C	
PEF	LAKE COUNTY RES. RECOV.	1	LAKE	-12.8	-12.8	12.8	12.8	14.8	14.8	12.8	12.8	ST	MSW	---	6	/	2014	CE	
2015																			
TEC	ORANGE COGEN	1	POLK	-23.0	-23.0	23.0	23.0	23.0	23.0	23.0	23.0	CT	NG	NA	12	/	2015	CE	

**2012
LOAD AND RESOURCE PLAN
FLORIDA RELIABILITY COORDINATING COUNCIL**

**FRCC Form 3.1
PLANNED AND PROSPECTIVE NON-UTILITY, QF, AND SELF SERVICE GENERATION FACILITIES
INSTALLATIONS, CHANGES, AND REMOVALS
JANUARY 1, 2012 THROUGH DECEMBER 31, 2021**

(1) UTIL	(2) FACILITY NAME	(3) UNIT NO.	(4) LOCATION	POTENTIAL EXPORT TO GRID AT TIME OF PEAK								(11) GROSS CAPABILITY SUM (MW)	(12) WIN (MW)	(13) NET CAPABILITY SUM (MW)	(14) WIN (MW)	(15) UNIT TYPE	(16) COMMERCIAL IN-SERVICE/ RETIREMENT/ OR CHANGE IN CONTRACT		(17) CONTRACT STATUS	
				FIRM				UNCOMMITTED									FUEL TYPE			MO / YEAR
				SUM (MW)	WIN (MW)	SUM (MW)	WIN (MW)	SUM (MW)	WIN (MW)	PRI	ALT									
				(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)						(13)	(14)		(15)
<u>2016</u>																				
FPL	PALM BEACH COUNTY	1	PALM BEACH	70.0	70.0	---	---	70.0	70.0	70.0	70.0	OT	MSW	---	4 / 2016	C				
SEC	LEE COUNTY RES. RECOV.	1	LEE	-50.0	-55.0	50.0	55.0	-50.0	-55.0	-50.0	-55.0	ST	MSW	---	12 / 2016	CE				
<u>2017</u>																				
SEC	LEE COUNTY RES. RECOV.	1	LEE	50.0	55.0	---	---	50.0	55.0	50.0	55.0	ST	MSW	---	1 / 2017	C				
<u>2018</u>																				
SEC	BREVARD LANDFILL	1	BREVARD	-9.0	-9.0	9.0	9.0	-9.0	-9.0	-9.0	-9.0	ST	LFG	---	3 / 2018	CE				
SEC	SEMINOLE LANDFILL	1	SEMINOLE	-6.2	-6.2	6.2	6.2	-6.2	-6.2	-6.2	-6.2	ST	LFG	---	3 / 2018	CE				
<u>2019</u>																				
NO ENTRIES																				
<u>2020</u>																				
SEC	TIMBERLINE ENERGY	1	HERNANDO	-1.6	-1.6	1.6	1.6	-1.6	-1.6	-1.6	-1.6	ST	LFG	---	3 / 2020	CE				
<u>2021</u>																				
NO ENTRIES																				

**2012
LOAD AND RESOURCE PLAN
FLORIDA RELIABILITY COORDINATING COUNCIL
NON-UTILITY GENERATING FACILITIES SUMMARY**

SUMMER			WINTER		
YEAR	FIRM NET TO GRID (MW)	UNCOMMITTED NUG GENERATION (MW)	YEAR	FIRM NET TO GRID (MW)	UNCOMMITTED NUG GENERATION (MW)
2012	1,810.6	183.4	2012/13	1,534.6	193.2
2013	1,419.6	293.4	2013/14	1,530.4	531.2
2014	1,507.6	521.4	2014/15	1,526.2	544.0
2015	1,595.6	534.2	2015/16	1,522.0	567.0
2016	1,683.6	557.2	2016/17	1,517.8	622.0
2017	1,771.6	607.2	2017/18	1,513.6	622.0
2018	1,771.6	622.4	2018/19	1,513.6	637.2
2019	1,771.6	622.4	2019/20	1,509.4	637.2
2020	1,859.6	624.0	2020/21	1,509.4	638.8
2021	1,859.6	624.0	2021/22	1,509.4	638.8

2012
LOAD AND RESOURCE PLAN
FLORIDA RELIABILITY COORDINATING COUNCIL
FRCC Form 12
SUMMARY OF FIRM CAPACITY AND ENERGY CONTRACTS
AS OF JANUARY 1, 2012

(1)	(2)	(3)		(4)		(5)	(6)	(7)	(8)
PURCHASING ENTITY	SELLING ENTITY	CONTRACT TERM		CONTRACT CAPACITY		SUMMER (MW)	WINTER (MW)	PRIMARY FUEL	DESCRIPTION
		FROM (MM/DD/YY)	TO (MM/DD/YY)						
FKE	FPL	02/17/11	12/31/31	144	114			NG	FKE has entered into a long term full requirements contract with FPL to purchase power
FMPA	KEY	04/01/98	12/31/19	34	34			DFO	Existing Unit Purch; Included as part of FMPAs Firm Peak Demand
FMPA	KUA	10/01/02	09/30/14	227	236			NG	Existing Unit Purch; Included as part of FMPAs Firm Peak Demand
FMPA	KUA	10/01/14	12/31/19	184	191			NG	Existing Unit Purch; Included as part of FMPAs Firm Peak Demand (decrease due to Hansel retirement)
FMPA	LWU	01/01/03	12/31/13	88	97			NG	Existing Unit Purch; Included as part of FMPAs Firm Peak Demand
FMPA	SOU	10/01/03	09/30/19	41	41			NG	Stanton A CC - UPS; Included as part of FMPAs Firm Peak Demand
FMPA	SOU	10/01/03	09/30/19	41	41			NG	Stanton A CC - UPS; KUAs PPA from SOU; Included as part of FMPAs Firm Peak Demand
FMPA	SOU	12/16/07	12/16/32	160	180			NG	Oleander Plant Purchase; Included as part of FMPAs Firm Peak Demand
FPL	DES	01/01/12	12/31/12	305	305			NG	
FPL	JEA	03/01/87	04/17/17	375	383			BIT	Unit Power Sales - Firm Contract
FPL	OTH	06/01/21	12/31/21	250	0			NA	
FPL	SOU	06/01/10	12/31/15	928	928			NA	To replace UPS
FPL	TEC	01/01/12	12/31/12	125	75			NA	
GRU	A.R.	12/31/13	12/31/43	100	100			WDS	Woody waste fueled biomass unit
GRU	FIT	01/01/09	12/31/28	0.2	0.05			SUN	Feed In Tariff - first year installations
GRU	FIT	01/01/10	12/31/29	0.95	0.25			SUN	Feed In Tariff - 2010 Installations
GRU	FIT	01/01/11	12/31/30	2.11	0.56			SUN	Feed In Tariff - 2011 Installations
GRU	FIT	01/01/12	12/31/31	2.03	0.54			SUN	Feed In Tariff - 2012 Installations
GRU	FIT	01/01/13	12/31/32	1.4	0.37			SUN	Feed In Tariff - 2013 Installations
GRU	FIT	01/01/14	12/31/33	1.4	0.37			SUN	Feed In Tariff - 2014 Installations
GRU	FIT	01/01/15	12/31/34	1.4	0.37			SUN	Feed In Tariff - 2015 Installations
GRU	FIT	01/01/16	12/31/35	1.4	0.37			SUN	Feed In Tariff - 2016 Installations
GRU	FIT	01/01/17	12/31/36	0.35	0.09			SUN	Feed In Tariff - 2017 Installations
GRU	FIT	01/01/18	12/31/37	0.35	0.09			SUN	Feed In Tariff - 2018 Installations
GRU	FIT	01/01/19	12/31/38	0.35	0.09			SUN	Feed In Tariff - 2019 Installations
GRU	FIT	01/01/20	12/31/39	0.35	0.09			SUN	Feed In Tariff - 2020 Installations
GRU	FIT	01/01/21	12/31/40	0.35	0.09			SUN	Feed In Tariff - 2021 Installations
GRU	G2 U1&2	01/01/09	12/31/23	2.9	2.9			LFG	Renewable Energy producer in Ocala at the Baseline Landfill. 5 Yr firm TSR from Ocala to GVL Control Area
GRU	G2 U3	09/01/10	12/31/23	0.8	0.8			LFG	Capacity is amendment to orginial 3 MW contract and will be blended for same end date as contract and TSR

**2012
LOAD AND RESOURCE PLAN
FLORIDA RELIABILITY COORDINATING COUNCIL
FRCC Form 12
SUMMARY OF FIRM CAPACITY AND ENERGY CONTRACTS
AS OF JANUARY 1, 2012**

(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)		
GRU	PEF	01/01/09	12/31/13	49	49	NA	2.12% Losses deducted from Net Capability for Reserve Margin calculation
UNK	GRU	01/01/14	12/31/23	50	50	NA	Purchaser has not been arranged
HST	FMPA	01/01/84	01/01/25	21	21	BIT	
HST	FMPA	04/01/85	01/01/25	6	6	NUC	
HST	PEF	01/01/10	12/31/12	35	35	NA	
HST	PEF	01/01/13	12/31/19	40	40	NA	
LWU	FMPA	01/01/14	12/31/41	20.6	21	NUC	Share of St. Lucie #2
LWU	FMPA	01/01/14	12/31/41	10.6	10.7	BIT	Share of Stanton #1
NSB	FMPA	01/01/80	12/31/17	7	7	NUC	St. Lucie
NSB	PEF	01/01/09	12/31/13	25	25	NA	Partial Requirements
OUC	OTH	01/01/11	12/31/22	2.5	0	SUN	OUC Solar PV PPA. Assumes 50% net capability during summer peak. No capacity for winter peak.
OUC	OTH	10/01/12	09/30/14	3.4	3.4	LFG	LFG PPA
OUC	OTH	01/01/14	12/31/22	5	5	OTH	Harmony biomass project
OUC	OTH	10/01/14	09/30/16	3.5	3.5	LFG	LFG PPA
OUC	OTH	10/01/16	09/30/18	3.6	3.6	LFG	LFG PPA
OUC	OTH	10/01/18	09/30/22	3.7	3.7	LFG	LFG PPA
OUC	SOU	01/01/03	10/01/23	322	343	NG	OUC PPA with SOU for Stanton A capacity
PEF	GE	04/01/07	04/30/24	478	520	NG	Shady Hills PPA
PEF	GON	06/01/11	05/31/12	308	319	NG	Vandolah
PEF	NSG	06/01/12	05/31/27	625	667	NG	Vandolah with present owner (Northern Star Generation)
PEF	SOU	06/01/10	05/31/16	362	362	NA	Southern UPS Extension
RCI	HARVEST	01/01/14	12/31/34	1.2	1.2	MSW	Harvest Power digester
RCI	ORL COGEN	01/01/94	12/31/13	35	35	NG	Firm Purchase 1994-2013. Reedy has a Firm take of 35MW
RCI	PEF	01/01/12	12/31/12	110	72	NA	Firm Base Load Purchase, this is a reserved product
RCI	PEF	01/01/13	12/31/13	113	85	NA	Firm Base Load Purchase, this is a reserved product
RCI	PEF	01/01/14	12/31/14	147	119	NA	Firm Base Load Purchase, this is a reserved product
RCI	PEF	01/01/15	12/31/15	149	122	NA	Firm Base Load Purchase, this is a reserved product
RCI	TBD	01/01/16	12/31/16	150	150	NA	Unknown contract. This is a reserved product
RCI	TBD	01/01/17	12/31/17	154	154	NA	Unknown contract. This is a reserved product

2012
LOAD AND RESOURCE PLAN
FLORIDA RELIABILITY COORDINATING COUNCIL
FRCC Form 12
SUMMARY OF FIRM CAPACITY AND ENERGY CONTRACTS
AS OF JANUARY 1, 2012

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
PURCHASING ENTITY	SELLING ENTITY	CONTRACT TERM		CONTRACT CAPACITY		PRIMARY FUEL	DESCRIPTION
		FROM (MM/DD/YY)	TO (MM/DD/YY)	SUMMER (MW)	WINTER (MW)		
RCI	TBD	01/01/18	12/31/18	155	155	NA	Unknown contract. This is a reserved product
RCI	TBD	01/01/19	12/31/19	156	156	NA	Unknown contract. This is a reserved product
RCI	TBD	01/01/20	12/31/20	157	157	NA	Unknown contract. This is a reserved product
RCI	TBD	01/01/21	12/31/21	158	158	NA	Unknown contract. This is a reserved product
RCI	TBD	01/01/22	12/31/22	159	159	NA	Unknown contract. This is a reserved product
RCI	TOMOKA	01/01/12	12/31/12	3	3	LFG	Tomoka Farms
RCI	TOMOKA	01/01/13	12/31/16	4	4	LFG	Tomoka Farms
SEC	BREVARD	04/01/08	03/31/18	9	9	LFG	Brevard Energy: Landfill gas-to-energy facility
SEC	CAL	06/01/09	05/31/14	170	180	NG	Intermediate firm capacity purchase - Osprey 1 (2nd PPA)
SEC	CAL	06/01/09	05/31/14	170	180	NG	Intermediate firm capacity purchase - Osprey 2 (2nd PPA)
SEC	FPL	06/01/14	05/31/21	200	200	NA	System firm intermediate capacity purchase
SEC	GON	12/01/08	05/31/14	153	182	NG	CT firm capacity purchase - Osceola 2. Formerly RRI
SEC	GON	12/01/08	05/31/14	153	182	NG	CT firm capacity purchase - Osceola 3. Formerly RRI
SEC	GON	12/01/09	05/31/14	153	182	NG	CT firm capacity purchase - Osceola 1. Formerly RRI
SEC	GRU	01/01/12	12/31/12	18	23	NA	Gainesville Full Requirements
SEC	HILLS	03/01/10	02/28/25	38	38	MSW	Municipal solid waste facility (Hillsborough Waste-to-Energy)
SEC	HPP	01/01/93	12/31/12	70	89	NG	First call reserve power purchase - CT1A
SEC	HPP	01/01/93	12/31/12	70	89	NG	First call reserve power purchase - CT1B
SEC	HPP	01/01/93	12/31/12	80	89	WH	First call reserve power purchase - ST1
SEC	HPP	01/01/93	12/31/12	70	89	NG	First call reserve power purchase - CT2A
SEC	HPP	01/01/13	12/31/27	70	89	NG	Intermediate firm capacity purchase - Hardee CT1A
SEC	HPP	01/01/13	12/31/27	70	89	NG	Intermediate firm capacity purchase - Hardee CT1B
SEC	HPP	01/01/13	12/31/27	80	89	WH	Intermediate firm capacity purchase - Hardee ST1
SEC	HPP	01/01/13	12/31/27	70	89	NG	CT firm capacity purchase - Hardee CT2A
SEC	HPP	01/01/13	12/31/27	70	89	NG	CT firm capacity purchase - Hardee CT 2B
SEC	LEE	11/01/07	12/31/16	50	55	MSW	Lee Co. Res. Recov: Municipal solid waste facility
SEC	LEE	01/01/17	12/31/28	50	55	MSW	Lee Co. Res. Recov: Municipal solid waste facility
SEC	PEF	01/01/99	12/31/13	150	150	NA	System firm intermediate capacity purchase
SEC	PEF	06/01/06	12/31/13	150	150	NA	System firm intermediate capacity purchase

**2012
LOAD AND RESOURCE PLAN
FLORIDA RELIABILITY COORDINATING COUNCIL
FRCC Form 12
SUMMARY OF FIRM CAPACITY AND ENERGY CONTRACTS
AS OF JANUARY 1, 2012**

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
PURCHASING ENTITY	SELLING ENTITY	CONTRACT TERM		CONTRACT CAPACITY		PRIMARY FUEL	DESCRIPTION
		FROM (MM/DD/YY)	TO (MM/DD/YY)	SUMMER (MW)	WINTER (MW)		
SEC	PEF	12/01/06	12/31/13	150	150	NA	System firm intermediate capacity purchase
SEC	PEF	01/01/12	12/31/12	0	292	NA	PEF Partial Requirements for 2012
SEC	PEF	01/01/12	12/31/12	175	125	NA	PEF Virtual Delivery Point Full Requirements for 2012
SEC	PEF	01/01/12	12/31/13	150	150	NA	System firm intermediate capacity purchase
SEC	PEF	01/01/13	12/31/13	0	256	NA	PEF Partial Requirements for 2013
SEC	PEF	01/01/14	12/31/20	250	250	NA	System firm summer/winter seasonal peaking capacity purchase
SEC	PEF	01/01/14	12/31/20	150	150	NA	System firm intermediate capacity purchase
SEC	PEF	01/01/14	05/31/16	100	600	NA	System firm base capacity purchase
SEC	PEF	01/01/14	05/31/16	150	150	NA	System firm base capacity purchase
SEC	PEF	06/01/16	12/31/18	445	450	NA	System Firm Base Capacity Purchase
SEC	PEF	06/01/16	12/31/17	50	50	NG	System firm intermediate capacity purchase
SEC	PEF	01/01/18	12/31/24	500	500	NG	System firm intermediate capacity purchase
SEC	SEMINOLE	01/01/08	03/31/18	6	6	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
SEC	TELOGIA	06/01/04	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	10/01/11	09/30/13	15	15	BIT	Represents Stanton 2 capacity STC entitled through participation in FMPA Stanton 2 project.
STC	OUC	10/01/11	09/30/12	112	126	NA	Interchange between OUC and STC per Interlocal Agreement
STC	OUC	10/01/12	09/30/13	129	134	NA	Interchange between OUC and STC per Interlocal Agreement
STC	OUC	10/01/13	09/30/14	132	137	NA	Interchange between OUC and STC per Interlocal Agreement
STC	OUC	10/01/13	04/01/22	16	16	BIT	Represents Stanton 2 capacity STC entitled through participation in FMPA Stanton 2 project.
STC	OUC	10/01/14	09/30/15	136	141	NA	Interchange between OUC and STC per Interlocal Agreement
STC	OUC	10/01/15	09/30/16	140	146	NA	Interchange between OUC and STC per Interlocal Agreement
STC	OUC	10/01/16	09/30/17	144	151	NA	Interchange between OUC and STC per Interlocal Agreement
STC	OUC	10/01/17	09/30/18	148	155	NA	Interchange between OUC and STC per Interlocal Agreement
STC	OUC	10/01/18	09/30/19	152	160	NA	Interchange between OUC and STC per Interlocal Agreement

**2012
LOAD AND RESOURCE PLAN
FLORIDA RELIABILITY COORDINATING COUNCIL
FRCC Form 12
SUMMARY OF FIRM CAPACITY AND ENERGY CONTRACTS
AS OF JANUARY 1, 2012**

(1)	(2)	(3)		(4)		(5)	(6)	(7)	(8)
PURCHASING ENTITY	SELLING ENTITY	CONTRACT TERM		CONTRACT CAPACITY		SUMMER (MW)	WINTER (MW)	PRIMARY FUEL	DESCRIPTION
		FROM (MM/DD/YY)	TO (MM/DD/YY)						
STC	OUC	10/01/19	09/30/20	157	165	NA		NA	Interchange between OUC and STC per Interlocal Agreement
STC	OUC	10/01/20	09/30/21	161	169	NA		NA	Interchange between OUC and STC per Interlocal Agreement
STC	OUC	10/01/21	04/01/22	161	174	NA		NA	Interchange between OUC and STC per Interlocal Agreement
STC	TEC	01/01/06	12/31/12	15	15	NA		NA	Partial Requirements - Firm Tariff AR-1
TAL	PEF	10/01/99	12/03/16	11	11	NA		NA	System firm purchase to replace TAL former ownership interest in PEF Crystal River Unit 3
TEC	CAL	11/01/11	12/31/16	117	117	NG		NG	Long-term firm purchase from Calpine
TEC	GON	01/01/09	05/31/12	158	158	NG		NG	Firm Contract with Reliant
TEC	INVE	01/01/93	12/31/12	69	88	NG		NG	Firm contract with Invernergy (INVE), owners of Hardee Power Station
TEC	INVE	01/01/93	12/31/12	287	353	NG		NG	Firm contract with Invernergy (INVE), owners of Hardee Power Station
TEC	PAC	01/01/09	12/31/18	121	121	NG		NG	Firm Contract with Pasco Cogen
TEC	SOU	01/01/13	12/31/16	160	160	NG		NG	Long-term purchase from Southern Company
VER	OUC	10/01/11	09/30/12	100	100	NA		NA	Supplemental power purchase from OUC
VER	OUC	10/01/12	09/30/13	101	101	NA		NA	Supplemental power purchase from OUC
VER	OUC	10/01/13	09/30/14	102	102	NA		NA	Supplemental power purchase from OUC
VER	OUC	10/01/14	09/30/15	103	103	NA		NA	Supplemental power purchase from OUC
VER	OUC	10/01/15	09/30/16	105	105	NA		NA	Supplemental power purchase from OUC
VER	OUC	10/01/16	09/30/17	106	106	NA		NA	Supplemental power purchase from OUC
VER	OUC	10/01/17	09/30/18	107	107	NA		NA	Supplemental power purchase from OUC
VER	OUC	10/01/18	09/30/19	108	108	NA		NA	Supplemental power purchase from OUC
VER	OUC	10/01/19	09/30/20	109	109	NA		NA	Supplemental power purchase from OUC
VER	OUC	10/01/20	09/30/21	111	111	NA		NA	Supplemental power purchase from OUC
VER	OUC	10/01/21	09/30/22	113	113	NA		NA	Supplemental power purchase from OUC
WP	SEC	01/01/11	12/31/13	60	60	NA		NA	Firm load following sale to Winter Park (WP)

**2012
LOAD AND RESOURCE PLAN
FLORIDA RELIABILITY COORDINATING COUNCIL**

**FRCC Form 9.0
FUEL REQUIREMENTS
AS OF JANUARY 1, 2012**

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
FUEL REQUIREMENTS			UNITS	<u>ACTUAL</u> 2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
(1)	NUCLEAR		TRILLION BTU	253	221	299	326	381	399	403	383	402	399	438
(2)	COAL		1000 TON	20,986	20,001	21,290	21,520	20,524	21,284	21,693	22,040	22,515	22,148	22,463
RESIDUAL														
(3)	STEAM		1000 BBL	1,599	1,642	690	401	458	589	504	463	482	566	731
(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	1,599	1,642	690	401	458	589	504	463	482	566	731
DISTILLATE														
(7)	STEAM		1000 BBL	129	140	123	126	119	114	117	122	123	117	184
(8)	CC		1000 BBL	342	59	71	55	52	59	59	56	64	73	79
(9)	CT		1000 BBL	306	495	323	517	375	386	409	513	654	727	508
(10)	TOTAL:		1000 BBL	777	694	517	698	546	559	585	691	841	917	771
NATURAL GAS														
(11)	STEAM		1000 MCF	98,872	65,091	43,698	50,580	47,371	51,091	50,647	52,395	48,872	49,428	42,773
(12)	CC		1000 MCF	819,417	905,443	867,013	879,872	884,527	873,248	885,151	910,833	919,256	949,228	971,328
(13)	CT		1000 MCF	31,413	39,390	35,292	34,491	31,730	29,288	28,887	30,662	30,898	35,555	28,247
(14)	TOTAL:		1000 MCF	949,702	1,009,924	946,003	964,943	963,628	953,627	964,685	993,890	999,026	1,034,211	1,042,348
(15)	OTHER													
	PET COKE		1000 TON	1,133	1,486	1,654	1,730	1,719	1,633	1,729	1,794	1,760	1,799	1,692
	LFG & BIOFUELS		1000 MMBTU	366	353	333	308	294	285	276	267	258	249	240

**2012
LOAD AND RESOURCE PLAN
FLORIDA RELIABILITY COORDINATING COUNCIL**

**FRCC Form 9.1
ENERGY SOURCES (GWH)
AS OF JANUARY 1, 2012**

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
			UNITS	ACTUAL										
ENERGY SOURCES				2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
(1)	FIRM INTER-REGION INTERCHANGE		GWH	10,051	7,061	5,674	5,963	6,230	4,531	2,556	1,849	1,903	1,849	1,841
(2)	NUCLEAR		GWH	22,828	20,576	27,924	30,540	36,392	37,855	38,356	36,437	38,245	37,834	42,044
(3)	COAL		GWH	47,237	44,458	47,048	48,319	45,899	48,213	49,048	49,981	50,991	50,484	51,133
RESIDUAL														
(4)	STEAM		GWH	847	1,038	426	239	283	358	308	281	292	345	450
(5)	CC		GWH	0	0	0	0	0	1	1	1	1	3	0
(6)	CT		GWH	0	0	0	0	0	0	0	0	0	0	0
(7)	TOTAL:		GWH	847	1,038	426	239	283	359	309	282	293	348	450
DISTILLATE														
(8)	STEAM		GWH	63	21	22	23	23	24	24	24	25	25	25
(9)	CC		GWH	130	34	44	31	30	35	34	33	39	46	52
(10)	CT		GWH	137	278	198	262	222	230	241	285	333	354	266
(11)	TOTAL:		GWH	330	333	264	316	275	289	299	342	397	425	343
NATURAL GAS														
(12)	STEAM		GWH	9,612	5,956	3,878	4,713	4,848	4,913	4,682	4,919	4,330	4,382	3,722
(13)	CC		GWH	116,476	130,237	126,302	126,929	127,245	128,205	132,025	135,770	137,566	142,351	143,580
(14)	CT		GWH	3,290	2,739	2,461	2,189	2,326	1,889	1,692	1,820	1,985	2,398	1,843
(15)	TOTAL:		GWH	129,378	138,932	132,641	133,831	134,419	135,007	138,399	142,509	143,881	149,131	149,145
(16)	NUG		GWH	2,432	2,614	2,397	1,462	1,465	1,465	1,462	1,461	1,462	1,467	1,462
RENEWABLES														
(17)	BIOFUELS		GWH	21	13	13	13	13	13	13	13	13	13	13
(18)	BIOMASS		GWH	737	611	579	995	1,002	932	930	930	930	932	930
(19)	HYDRO		GWH	5	16	16	16	16	13	16	16	16	16	16
(20)	LANDFILL GAS		GWH	309	341	582	559	575	553	514	387	320	295	290
(21)	MSW		GWH	1,594	1,814	1,806	1,815	1,866	1,868	1,451	1,451	1,451	1,456	1,451
(22)	SOLAR		GWH	116	284	294	303	313	322	324	327	327	329	327
(23)	WIND		GWH	0	0	0	0	0	0	0	0	0	0	0
(24)	OTHER RENEW.		GWH	28	3	4	4	4	3	4	4	4	3	4
(25)	TOTAL:		GWH	2,810	3,082	3,294	3,705	3,789	3,704	3,252	3,128	3,061	3,044	3,031
(26)	OTHER		GWH	8,142	6,243	7,427	6,106	6,738	7,768	8,945	9,707	9,091	9,442	9,575
(27)	NET ENERGY FOR LOAD		GWH	224,055	224,337	227,095	230,481	235,490	239,191	242,626	245,696	249,324	254,024	259,024

**2012
LOAD AND RESOURCE PLAN
FLORIDA RELIABILITY COORDINATING COUNCIL**

**FRCC Form 9.2
ENERGY SOURCES (%)
AS OF JANUARY 1, 2012**

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
ENERGY SOURCES			UNITS	ACTUAL 2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
(1)	FIRM INTER-REGION INTERCHANGE		%	4.49%	3.15%	2.50%	2.59%	2.65%	1.89%	1.05%	0.75%	0.76%	0.73%	0.71%
(2)	NUCLEAR		%	10.19%	9.17%	12.30%	13.25%	15.45%	15.83%	15.81%	14.83%	15.34%	14.89%	16.23%
(3)	COAL		%	21.08%	19.82%	20.72%	20.96%	19.49%	20.16%	20.22%	20.34%	20.45%	19.87%	19.74%
	RESIDUAL													
(4)	STEAM		%	0.38%	0.46%	0.19%	0.10%	0.12%	0.15%	0.13%	0.11%	0.12%	0.14%	0.17%
(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:		%	0.38%	0.46%	0.19%	0.10%	0.12%	0.15%	0.13%	0.11%	0.12%	0.14%	0.17%
	DISTILLATE													
(8)	STEAM		%	0.03%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%
(9)	CC		%	0.06%	0.02%	0.02%	0.01%	0.01%	0.01%	0.01%	0.01%	0.02%	0.02%	0.02%
(10)	CT		%	0.06%	0.12%	0.09%	0.11%	0.09%	0.10%	0.10%	0.12%	0.13%	0.14%	0.10%
(11)	TOTAL:		%	0.15%	0.15%	0.12%	0.14%	0.12%	0.12%	0.12%	0.14%	0.16%	0.17%	0.13%
	NATURAL GAS													
(12)	STEAM		%	4.29%	2.65%	1.71%	2.04%	2.06%	2.05%	1.93%	2.00%	1.74%	1.73%	1.44%
(13)	CC		%	51.99%	58.05%	55.62%	55.07%	54.03%	53.60%	54.42%	55.26%	55.18%	56.04%	55.43%
(14)	CT		%	1.47%	1.22%	1.08%	0.95%	0.99%	0.79%	0.70%	0.74%	0.80%	0.94%	0.71%
(15)	TOTAL:		%	57.74%	61.93%	58.41%	58.07%	57.08%	56.44%	57.04%	58.00%	57.71%	58.71%	57.58%
(16)	NUG		%	1.09%	1.17%	1.06%	0.63%	0.62%	0.61%	0.60%	0.59%	0.59%	0.58%	0.56%
	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		%	0.33%	0.27%	0.25%	0.43%	0.43%	0.39%	0.38%	0.38%	0.37%	0.37%	0.36%
(19)	HYDRO		%	0.00%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%
(20)	LANDFILL GAS		%	0.14%	0.15%	0.26%	0.24%	0.24%	0.23%	0.21%	0.16%	0.13%	0.12%	0.11%
(21)	MSW		%	0.71%	0.81%	0.80%	0.79%	0.79%	0.78%	0.60%	0.59%	0.58%	0.57%	0.56%
(22)	SOLAR		%	0.05%	0.13%	0.13%	0.13%	0.13%	0.13%	0.13%	0.13%	0.13%	0.13%	0.13%
(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%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
(25)	TOTAL:		%	1.25%	1.37%	1.45%	1.61%	1.61%	1.55%	1.34%	1.27%	1.23%	1.20%	1.17%
(26)	OTHER		%	3.63%	2.78%	3.27%	2.65%	2.86%	3.25%	3.69%	3.95%	3.65%	3.72%	3.70%
(27)	NET ENERGY FOR LOAD		%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%

**2012
LOAD AND RESOURCE PLAN
FLORIDA RELIABILITY COORDINATING COUNCIL**

**FRCC Form 13
SUMMARY AND SPECIFICATIONS OF PROPOSED TRANSMISSION LINES
AS OF JANUARY 1, 2012**

(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 *
PEF	KATHLEEN	ZEPHYRHILLS N	11	5 / 2012	230	1000	NA
PEF	INTERCESSION CITY	GIFFORD	13	5 / 2013	230	1370	NA
TAL	HOPKINS-CRAWFORD. TAP	SUB 5 230	8	6 / 2013	230	458	NA
FPL	MANATEE	BOB WHITE	30	12 / 2014	230	1190	TLSA
JEA	YELLOW WATER	JAX HEIGHTS	11	6 / 2016	230	668	NA
FPL	ST. JOHNS	PRINGLE	25	12 / 2016	230	759	TLSA
TEC	ASPEN	POLK	23.5	1 / 2017	230	1119	TLSA
TEC	ASPEN	MINES	15	1 / 2017	230	1119	TLSA
TEC	ASPEN	FISHHAWK (CIRCUIT 1)	6	1 / 2017	230	1195	TLSA
TEC	ASPEN	FISHHAWK (CIRCUIT 2)	6	1 / 2017	230	1195	TLSA
TEC	POLK	MINES	12	1 / 2017	230	1119	TLSA
SEC	GILCHRIST GEN STN	GILCHRIST E. SWITCH STN	10	5 / 2017	230	1195	NA
JEA	GREENLAND ENERGY CTR	NOCATEE	4.4	12 / 2017	230	668	NA
TEC	BAYSIDE POWER STATION	BAYSIDE (BIOMASS)	0.7	5 / 2020	230	729	NA
PEF	LEVY	CENTRAL FL SOUTH	50	5 / 2021	500	2870	NA
PEF	LEVY	CRYSTAL RIVER	10	5 / 2021	500	2870	NA
PEF	BROOKRIDGE	BROOKSVILLE WEST	4	12 / 2021	230	1195	NA
PEF	CRYSTAL RIVER	BROOKRIDGE	35	12 / 2021	230	1195	NA
PEF	KATHLEEN	LAKE TARPON	45	12 / 2021	230	1195	NA
PEF	LEVY	CITRUS 2	10	12 / 2021	500	2870	NA
PEF	LEVY	CITRUS 1	10	12 / 2021	500	2870	NA

* TLSA: Transmission Line Siting Act

* PPSA: Power Plant Siting Act

**2012
LOAD AND RESOURCE PLAN
FLORIDA RELIABILITY COORDINATING COUNCIL**

**ABBREVIATIONS
ELECTRIC MARKET PARTICIPANTS**

APP	-	Auburndale Power Partners	NSB	-	New Smyrna Beach, Utilities Commission of
CAL	-	Calpine	NSG	-	Northern Star Generation
DES	-	DeSoto County Generating Company (LS Power)	OUC	-	Orlando Utilities Commission
FKE	-	Florida Keys Electric Cooperative Association, Inc.	OUS	-	Ocala Utility Services
FMD	-	Ft. Meade, City of	PEC	-	PowerSouth Energy Cooperative
FMPA	-	Florida Municipal Power Agency	PEF	-	Progress Energy Florida
FPL	-	Florida Power & Light	RCI	-	Reedy Creek Improvement District
FTP	-	Ft. Pierce Utilities Authority	SEC	-	Seminole Electric Cooperative, Inc.
GE	-	General Electric	SEPA	-	Southeastern Power Administration
GON	-	GenOn Energy Services	SOU	-	Southern Power Company
GPC	-	Gulf Power Company	STC	-	St. Cloud, City of
GRU	-	Gainesville Regional Utilities	TAL	-	Tallahassee, City of
HPP	-	Hardee Power Partners	TEA	-	The Energy Authority
HST	-	Homestead Energy Services	TEC	-	Tampa Electric Company
INV	-	Invenergy	VER	-	Vero Beach, City of
JEA	-	JEA	WAU	-	Wauchula, City of
KEY	-	Key West, City of			
KUA	-	Kissimmee Utility Authority	<u>OTHER</u>		
LAK	-	Lakeland, City of	FRCC	-	Florida Reliability Coordinating Council
LWU	-	Lake Worth Utilities, City of			

**2012
LOAD AND RESOURCE PLAN
FLORIDA RELIABILITY COORDINATING COUNCIL
GENERATION TERMS**

Status of Generation Facilities

A	--	Generating unit capability increased
CO	--	Change of ownership (including change of shares of jointly owned units)
D	--	Generating unit capability decreased
EO	--	Non-Firm Generating Capacity (Energy Only). This generation is not included in calculation of Total Available Capacity.
FC	--	Existing generator planned for conversion to another fuel or energy source
IP	--	Planned generator indefinitely postponed or canceled
IR	--	Inactive Reserves. This generation is not included in calculation of Total Available Capacity.
L	--	Regulatory approval pending. Not under construction
M	--	Generating unit put in deactivated shutdown status
NS	--	Merchant Plant - No system impact study, not under construction
OP	--	Operating, available to operate, or on short-term scheduled or forced outage
OP (IR)	--	Generating unit placed into OP status from Inactive Reserves
OP (M)	--	Generating unit placed into OP status following scheduled maintenance
OP (U)	--	Generating unit placed into OP status following scheduled uprate
OS	--	On long-term scheduled or forced outage; not available to operate. This generation is not included in calculation of Total Available Capacity.
OS (IR)	--	Generating unit placed into OS status for Inactive Reserves
OS (M)	--	Generating unit placed into OS status for scheduled maintenance
OS (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.
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

**2012
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

**2012
LOAD AND RESOURCE PLAN
FLORIDA RELIABILITY COORDINATING COUNCIL**

DEFINITIONS

CAAGR

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

INTERRUPTIBLE LOAD

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

LOAD FACTOR

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

NET CAPABILITY OR NET CAPACITY

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

NET ENERGY FOR LOAD (NEL)

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

PEAK DEMAND OR PEAK LOAD

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

PENINSULAR FLORIDA

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

QUALIFYING FACILITY (QF)

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

SALES FOR RESALE

- Energy sales to other electric utilities.

STATE OF FLORIDA

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

SUMMER

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

WINTER

- January 1 through March 15.

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
2012
REGIONAL LOAD & RESOURCE PLAN**

**2012
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 (%)
2002	42,279				2002 / 03	46,880				2002	222,175	60.0%
2003	42,949				2003 / 04	37,944				2003	232,505	56.6%
2004	44,886				2004 / 05	43,541				2004	233,351	59.3%
2005	48,670				2005 / 06	45,597				2005	240,317	56.4%
2006	48,137				2006 / 07	40,604				2006	244,006	57.9%
2007	49,485				2007 / 08	44,254				2007	246,952	57.0%
2008	47,562				2008 / 09	48,304				2008	240,891	57.8%
2009	49,142				2009 / 10	54,780				2009	239,415	55.6%
2010	48,427				2010 / 11	48,789				2010	247,276	51.5%
2011	47,666				2011 / 12	42,447				2011	237,658	55.6%

YEAR	TOTAL PEAK DEMAND (MW)	INTER-RUPTIBLE LOAD (MW)	LOAD MANAGEMENT (MW)	NET FIRM PEAK DEMAND (MW)	YEAR	TOTAL PEAK DEMAND (MW)	INTER-RUPTIBLE LOAD (MW)	LOAD MANAGEMENT (MW)	NET FIRM PEAK DEMAND (MW)	YEAR	NET ENERGY FOR LOAD (GWH)	LOAD FACTOR (%)
2012	48,556	629	2,563	45,364	2012 / 13	49,698	588	2,727	46,383	2012	238,645	60.1%
2013	49,244	622	2,616	46,006	2013 / 14	49,233	561	2,766	45,906	2013	241,632	59.5%
2014	49,870	579	2,669	46,622	2014 / 15	50,484	554	2,795	47,135	2014	245,318	60.1%
2015	50,807	588	2,720	47,499	2015 / 16	51,097	556	2,835	47,706	2015	250,598	60.2%
2016	51,671	590	2,771	48,310	2016 / 17	51,762	564	2,945	48,253	2016	254,549	60.1%
2017	52,361	598	2,853	48,910	2017 / 18	52,303	568	2,987	48,748	2017	258,198	60.3%
2018	52,798	602	2,898	49,298	2018 / 19	52,953	582	3,030	49,341	2018	261,484	60.5%
2019	53,552	618	2,944	49,990	2019 / 20	53,664	596	3,073	49,995	2019	265,337	60.6%
2020	54,440	633	2,986	50,821	2020 / 21	54,359	604	3,114	50,641	2020	270,297	60.7%
2021	55,228	641	3,028	51,559	2021 / 22	55,105	604	3,157	51,344	2021	275,519	61.0%

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

2012
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, 2012

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
YEAR	RURAL & RESIDENTIAL			COMMERCIAL			INDUSTRIAL			STREET & HIGHWAY LIGHTING GWH	OTHER SALES GWH	TOTAL SALES GWH	WHOLESALE PURCHASES FOR RESALE GWH	WHOLESALE SALES FOR RESALE GWH	UTILITY USE & LOSSES GWH	NET ENERGY FOR LOAD GWH
	GWH	AVERAGE NO. OF CUSTOMERS	AVG. KWH CONSUMPTION PER CUST.	GWH	AVERAGE NO. OF CUSTOMERS	AVG. KWH CONSUMPTION PER CUST.	GWH	AVERAGE NO. OF CUSTOMERS	AVG. KWH CONSUMPTION PER CUST.							
2002	106,451	7,400,701	14,384	73,814	915,068	80,665	22,040	29,739	741,114	789	4,503	207,597	0	8,660	23,238	222,175
2003	110,821	7,564,154	14,651	75,645	931,147	81,239	22,468	32,226	697,201	797	4,775	214,506	0	9,345	27,344	232,505
2004	110,366	7,768,825	14,206	76,391	956,105	79,898	23,187	33,989	682,191	796	4,898	215,638	0	10,224	27,937	233,351
2005	114,160	7,962,244	14,338	78,808	981,984	80,254	23,429	36,188	647,425	812	5,099	222,308	0	11,370	29,379	240,317
2006	115,279	8,159,942	14,127	80,437	1,006,594	79,910	23,425	37,764	620,300	819	5,194	225,154	0	9,986	28,838	244,006
2007	116,506	8,318,130	14,006	82,769	1,029,335	80,410	23,263	35,733	651,023	837	5,410	228,785	0	11,526	29,693	246,952
2008	112,425	8,351,235	13,462	82,204	1,036,551	79,305	22,619	30,136	750,564	829	5,385	223,462	0	11,774	29,203	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	26,681	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	31,135	247,276
2011	113,554	8,369,607	13,567	80,284	1,037,584	77,376	20,556	27,202	755,680	850	5,342	220,586	0	9,052	26,124	237,658
2002-2011																
% AAGR	0.72%			0.94%			-0.77%									0.75%
2012	111,813	8,435,978	13,254	81,140	1,053,889	76,991	21,096	27,735	760,627	868	5,279	220,196	0	9,181	27,630	238,645
2013	113,440	8,526,569	13,304	82,656	1,069,267	77,302	21,104	28,580	738,418	881	5,289	223,370	0	8,571	26,833	241,632
2014	113,825	8,518,912	13,361	83,663	1,074,923	77,832	21,059	29,457	714,906	894	5,395	224,836	0	12,178	32,660	245,318
2015	116,298	8,656,687	13,434	85,595	1,093,710	78,261	21,315	30,504	698,761	907	5,551	229,666	0	13,231	34,163	250,598
2016	118,342	8,788,061	13,466	86,978	1,113,122	78,139	21,441	31,480	681,099	921	5,702	233,384	0	12,672	33,837	254,549
2017	120,348	8,923,528	13,487	88,142	1,132,061	77,860	21,593	32,228	670,007	935	5,834	236,852	0	12,082	33,428	258,198
2018	122,310	9,055,722	13,506	89,252	1,150,376	77,585	21,748	32,810	662,847	950	5,945	240,205	0	11,865	33,144	261,484
2019	124,444	9,187,288	13,545	90,357	1,168,766	77,310	21,941	33,442	656,091	967	6,055	243,764	0	12,553	34,126	265,337
2020	127,190	9,317,898	13,650	91,869	1,187,191	77,384	22,166	34,111	649,820	981	6,164	248,370	0	12,722	34,649	270,297
2021	130,020	9,445,925	13,765	93,576	1,205,493	77,625	22,339	34,750	642,849	993	6,271	253,199	0	12,765	35,085	275,519
2012-2021																
% AAGR	1.69%			1.60%			0.64%									1.61%

**2012
LOAD AND RESOURCE PLAN
STATE OF FLORIDA**

**FRCC Form 5.0
HISTORY AND FORECAST OF SUMMER PEAK DEMAND (MW)
AS OF JANUARY 1, 2012**

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
								[(2)+(3)+(4)+(5)+(6)+(7)+(8)]
YEAR	SUMMER NET FIRM PEAK DEMAND	DEMAND REDUCTION			SELF-SERVED GENERATION	CUMULATIVE CONSERVATION		SUMMER TOTAL DEMAND
		INTERRUPTIBLE LOAD	RESIDENTIAL LOAD MANAGEMENT	COMM./IND. LOAD MANAGEMENT		RESIDENTIAL	COMM./IND.	
2010	48,427	76	106	0	501	1,790	1,260	52,160
2011	47,666	79	100	0	442	1,909	1,302	51,498
2012	45,364	629	1,516	1,047	600	2,025	1,347	52,529
2013	46,006	622	1,538	1,078	662	2,138	1,406	53,451
2014	46,622	579	1,542	1,127	692	2,260	1,464	54,285
2015	47,499	588	1,566	1,154	692	2,382	1,520	55,401
2016	48,310	590	1,590	1,181	692	2,501	1,577	56,441
2017	48,910	598	1,646	1,207	692	2,617	1,634	57,304
2018	49,298	602	1,667	1,231	692	2,731	1,688	57,910
2019	49,990	618	1,687	1,257	692	2,845	1,742	58,831
2020	50,821	633	1,710	1,276	692	2,943	1,787	59,862
2021	51,559	641	1,732	1,296	692	3,032	1,826	60,778
CAAGR (%):	1.43%							

**2012
LOAD AND RESOURCE PLAN
STATE OF FLORIDA**

**FRCC Form 6.0
HISTORY AND FORECAST OF WINTER PEAK DEMAND (MW)
AS OF JANUARY 1, 2012**

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
								[(2)+(3)+(4)+(5)+(6)+(7)+(8)]
YEAR	WINTER NET FIRM PEAK DEMAND	DEMAND REDUCTION			SELF-SERVED GENERATION	CUMULATIVE CONSERVATION		WINTER TOTAL DEMAND
		INTERRUPTIBLE LOAD	RESIDENTIAL LOAD MANAGEMENT	COMM./IND. LOAD MANAGEMENT		RESIDENTIAL	COMM./IND.	
2010/11	48,789	108	111	0	439	2,136	686	52,269
2011/12	42,447	69	133	0	508	2,251	724	46,132
2012/13	46,383	588	1,899	828	662	2,379	739	53,478
2013/14	45,906	561	1,921	845	692	2,555	785	53,265
2014/15	47,135	554	1,913	882	692	2,739	832	54,747
2015/16	47,706	556	1,935	900	692	2,933	880	55,601
2016/17	48,253	564	2,027	918	692	3,108	925	56,488
2017/18	48,748	568	2,051	936	692	3,285	972	57,251
2018/19	49,341	582	2,075	955	692	3,461	1,015	58,121
2019/20	49,995	596	2,101	972	692	3,635	1,055	59,047
2020/21	50,641	604	2,127	987	692	3,787	1,088	59,926
2021/22	51,344	604	2,154	1,003	692	3,925	1,116	60,838
CAAGR (%):	1.14%							

**2012
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, 2012**

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
								[(2)+(3)+(4)+(5)+(6)+(7)+(8)]
YEAR	NET ENERGY FOR LOAD	ENERGY REDUCTION			SELF-SERVED GENERATION	CUMULATIVE CONSERVATION		TOTAL ENERGY FOR LOAD
		INTERRUPTIBLE LOAD	RESIDENTIAL LOAD MANAGEMENT	COMM./IND. LOAD MANAGEMENT		RESIDENTIAL	COMM./IND.	
2010	247,276	0	2	0	2,253	4,215	3,474	257,220
2011	237,658	0	1	0	2,842	4,533	3,646	248,680
2012	238,645	0	7	7	2,918	4,751	3,767	250,095
2013	241,632	0	9	7	3,279	4,984	3,910	253,821
2014	245,318	0	10	7	3,470	5,218	4,039	258,062
2015	250,598	0	12	7	3,455	5,456	4,170	263,698
2016	254,549	0	13	8	3,471	5,689	4,302	268,032
2017	258,198	0	16	8	3,468	5,914	4,434	272,038
2018	261,484	0	18	8	3,468	6,140	4,562	275,680
2019	265,337	0	20	8	3,468	6,361	4,689	279,883
2020	270,297	0	22	8	3,471	6,550	4,796	285,144
2021	275,519	0	23	8	3,468	6,737	4,900	290,655
CAAGR (%):	1.61%							

**2012
LOAD AND RESOURCE PLAN
STATE OF FLORIDA**

**SUMMARY OF INTERRUPTIBLE LOAD AND LOAD MANAGEMENT (MW)
2012 THROUGH 2021**

SUMMER

YEAR	PEC	FRCC TOTALS			STATE TOTALS			STATE TOTAL INT + LM
	INT	INT	RES LM	COM LM	INT	RES LM	COM LM	
2012	9	620	1,516	1,047	629	1,516	1,047	3,192
2013	9	613	1,538	1,078	622	1,538	1,078	3,238
2014	9	570	1,542	1,127	579	1,542	1,127	3,248
2015	9	579	1,566	1,154	588	1,566	1,154	3,308
2016	9	581	1,590	1,181	590	1,590	1,181	3,361
2017	9	589	1,646	1,207	598	1,646	1,207	3,451
2018	9	593	1,667	1,231	602	1,667	1,231	3,500
2019	9	609	1,687	1,257	618	1,687	1,257	3,562
2020	9	624	1,710	1,276	633	1,710	1,276	3,619
2021	9	632	1,732	1,296	641	1,732	1,296	3,669

WINTER

YEAR	PEC	FRCC TOTALS			STATE TOTALS			STATE TOTAL INT + LM
	INT	INT	RES LM	COM LM	INT	RES LM	COM LM	
2012/13	9	579	1,899	828	588	1,899	828	3,315
2013/14	9	552	1,921	845	561	1,921	845	3,327
2014/15	9	545	1,913	882	554	1,913	882	3,349
2015/16	9	547	1,935	900	556	1,935	900	3,391
2016/17	9	555	2,027	918	564	2,027	918	3,509
2017/18	9	559	2,051	936	568	2,051	936	3,555
2018/19	9	573	2,075	955	582	2,075	955	3,612
2019/20	9	587	2,101	972	596	2,101	972	3,669
2020/21	9	595	2,127	987	604	2,127	987	3,718
2021/22	9	595	2,154	1,003	604	2,154	1,003	3,761

**2012
LOAD AND RESOURCE PLAN
STATE OF FLORIDA
SUMMARY OF EXISTING CAPACITY
AS OF JANUARY 1, 2012**

UTILITY	NET CAPABILITY (MW)	
	SUMMER	WINTER
GULF POWER COMPANY	2,686	2,725
POWERSOUTH ENERGY COOPERATIVE	1,896	2,064
TOTALS		
FRCC REGION	47,611	51,082
STATE OF FLORIDA	52,193	55,871
FRCC FIRM NON-UTILITY PURCHASES	4,780	5,134
STATE FIRM NON-UTILITY PURCHASES	4,780	5,134
TOTAL FRCC REGION	52,391	56,217
TOTAL STATE OF FLORIDA	56,973	61,006

**2012
LOAD AND RESOURCE PLAN
STATE OF FLORIDA
FRCC Form 1.0
EXISTING GENERATING FACILITIES AS OF JANUARY 1, 2012**

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
PLANT NAME	UNIT NO.	LOCATION	UNIT TYPE	PRIMARY FUEL		ALTERNATE FUEL		ALT. FUEL STORAGE (DAYS BURN)	COMMERCIAL IN-SERVICE MO. / YEAR	EXPECTED RETIREMENT MO. / YEAR	GROSS CAPABILITY		NET CAPABILITY		STATUS
				FUEL TYPE	TRANSP. METHOD	FUEL TYPE	TRANSP. METHOD				SUMMER (MW)	WINTER (MW)	SUMMER (MW)	WINTER (MW)	
GULF POWER COMPANY															
CRIST	4	ESCAMBIA	ST	BIT	WA	NG	PL	0	7 / 1959	--- / ---	79	79	75	75	OP
CRIST	5	ESCAMBIA	ST	BIT	WA	NG	PL	0	6 / 1961	--- / ---	77	77	75	75	OP
CRIST	6	ESCAMBIA	ST	BIT	WA	NG	PL	0	5 / 1970	--- / ---	309	309	291	291	OP
CRIST	7	ESCAMBIA	ST	BIT	WA	NG	PL	0	8 / 1973	--- / ---	488	488	465	465	OP
DANIEL *	1	JACKSON, MS	ST	BIT	RR	RFO	TK	0	9 / 1977	--- / ---	261	261	255	255	OP
DANIEL *	2	JACKSON, MS	ST	BIT	RR	RFO	TK	0	6 / 1981	--- / ---	261	261	255	255	OP
LANSING SMITH	1	BAY	ST	BIT	WA	---	---	0	6 / 1965	--- / ---	172	172	162	162	OP
LANSING SMITH	2	BAY	ST	BIT	WA	---	---	0	6 / 1967	--- / ---	207	207	195	195	OP
LANSING SMITH	3A	BAY	CT	NG	PL	---	---	0	4 / 2002	--- / ---					OP
LANSING SMITH	3B	BAY	CT	NG	PL	---	---	0	4 / 2002	--- / ---					OP
LANSING SMITH	3S	BAY	CA	WH	NA	---	---	0	4 / 2002	--- / ---	567	595	556	584	OP
LANSING SMITH	A	BAY	GT	DFO	TK	---	---	0	5 / 1971	--- / ---	32	40	32	40	OP
PEA RIDGE	1	SANTA ROSA	GT	NG	PL	---	---	0	5 / 1998	12 / 2018	4	5	4	5	OP
PEA RIDGE	2	SANTA ROSA	GT	NG	PL	---	---	0	5 / 1998	12 / 2018	4	5	4	5	OP
PEA RIDGE	3	SANTA ROSA	GT	NG	PL	---	---	0	5 / 1998	12 / 2018	4	5	4	5	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	--- / ---	228	228	218	218	OP
SCHOLZ	1	JACKSON, MS	ST	BIT	RR	---	---	0	3 / 1953	--- / ---	49	49	46	46	OP
SCHOLZ	2	JACKSON, MS	ST	BIT	RR	---	---	0	10 / 1953	--- / ---	48	48	46	46	OP
GPC TOTAL:												2,686	2,725		

* Jointly Owned Unit

**2012
LOAD AND RESOURCE PLAN
STATE OF FLORIDA
FRCC Form 1.0
EXISTING GENERATING FACILITIES AS OF JANUARY 1, 2012**

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
PLANT NAME	UNIT NO.	LOCATION	UNIT TYPE	PRIMARY FUEL		ALTERNATE FUEL		ALT. FUEL STORAGE (DAYS BURN)	COMMERCIAL IN-SERVICE MO. / YEAR	EXPECTED RETIREMENT MO. / YEAR	GROSS CAPABILITY		NET CAPABILITY		STATUS
				FUEL TYPE	TRANSP. METHOD	FUEL TYPE	TRANSP. METHOD				SUMMER (MW)	WINTER (MW)	SUMMER (MW)	WINTER (MW)	
POWERSOUTH ENERGY COOPERATIVE															
CHARLES R. LOWMAN	1	WASHINGTON, AL	ST	BIT	WA	---	---	0	6 / 1969	--- / ---	80	80	80	80	OP
CHARLES R. LOWMAN	2	WASHINGTON, AL	ST	BIT	WA	---	---	0	6 / 1978	--- / ---	238	238	238	238	OP
CHARLES R. LOWMAN	3	WASHINGTON, AL	ST	BIT	WA	---	---	0	6 / 1980	--- / ---	238	238	238	238	OP
GANTT	3	COVINGTON, AL	HY	WAT	WA	---	---	0	1 / 1926	--- / ---	1	1	1	1	OP
GANTT	4	COVINGTON, AL	HY	WAT	WA	---	---	0	2 / 1945	--- / ---	1	1	1	1	OP
JAMES H. MILLER JR. *	1	JEFFERSON, AL	ST	BIT	WA	---	---	0	6 / 1978	--- / ---	57	57	57	57	OP
JAMES H. MILLER JR. *	2	JEFFERSON, AL	ST	BIT	WA	---	---	0	6 / 1985	--- / ---	57	57	57	57	OP
MCINTOSH	1	WASHINGTON, AL	CE	NG	PL	---	---	0	6 / 1991	--- / ---	110	110	110	110	OS
MCINTOSH	2	WASHINGTON, AL	GT	NG	PL	DFO	TK	0	6 / 1998	--- / ---	114	120	114	120	OP
MCINTOSH	3	WASHINGTON, AL	GT	NG	PL	DFO	TK	0	6 / 1998	--- / ---	114	120	114	120	OP
MCINTOSH	4	WASHINGTON, AL	CT	NG	PL	NA	UN	0	12 / 2010	--- / ---	170	224	170	224	OP
MCINTOSH	5	WASHINGTON, AL	CT	NG	PL	---	---	0	12 / 2010	--- / ---	170	224	170	224	OP
MCWILLIAMS	1	COVINGTON, AL	CA	WH	NA	---	---	0	12 / 1954	--- / ---	10	10	10	10	OP
MCWILLIAMS	2	COVINGTON, AL	CA	WH	NA	---	---	0	12 / 1954	--- / ---	10	10	10	10	OP
MCWILLIAMS	3	COVINGTON, AL	CA	WH	NA	---	---	0	8 / 1959	--- / ---	20	20	20	20	OP
MCWILLIAMS	4	COVINGTON, AL	GT	NG	PL	DFO	TK	0	12 / 1996	--- / ---	109	119	109	119	OP
MCWILLIAMS	VAN1	COVINGTON, AL	CT	NG	PL	---	---	0	1 / 2002	--- / ---	163	177	163	177	OP
MCWILLIAMS	VAN2	COVINGTON, AL	CT	NG	PL	---	---	0	1 / 2002	--- / ---	163	177	163	177	OP
MCWILLIAMS	VAN3	COVINGTON, AL	CA	WH	NA	---	---	0	1 / 2002	--- / ---	175	185	175	185	OP
POINT A	1	COVINGTON, AL	HY	WAT	WA	---	---	0	1 / 1945	--- / ---	2	2	2	2	OP
POINT A	2	COVINGTON, AL	HY	WAT	WA	---	---	0	1 / 1925	--- / ---	2	2	2	2	OP
POINT A	3	COVINGTON, AL	HY	WAT	WA	---	---	0	1 / 1949	--- / ---	2	2	2	2	OP
PEC TOTAL:												1,896	2,064		
FRCC TOTAL:												47,611	51,082		
STATE TOTAL:												52,193	55,871		

* Jointly Owned Unit

**2012
LOAD AND RESOURCE PLAN
STATE OF FLORIDA
FRCC Form 1.1
PLANNED AND PROSPECTIVE GENERATING FACILITY ADDITIONS AND CHANGES
(JANUARY 1, 2012 THROUGH DECEMBER 31, 2021)**

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
UTILITY	PLANT NAME	UNIT NO.	LOCATION	UNIT TYPE	PRIMARY FUEL		ALTERNATE FUEL		ALT. FUEL STORAGE (DAYS BURN)	EFFECTIVE CHANGE DATE MO. / YEAR	GROSS CAPABILITY		NET CAPABILITY		CHANGE/ STATUS
					TYPE	TRANS.	TYPE	TRANS.			SUMMER (MW)	WINTER (MW)	SUMMER (MW)	WINTER (MW)	
<u>2012</u>															
GPC	CRIST	6	ESCAMBIA	ST	BIT	WA	NG	PL	---	4 / 2012	-3	-3	-3	-3	D
2012 TOTAL:												-3	-3		
<u>2013</u>															
NO ENTRIES															
<u>2014</u>															
NO ENTRIES															
<u>2015</u>															
GPC	DANIEL	1	JACKSON, MS	ST	BIT	RR	RFO	TK	0	12 / 2015	-2	-2	-2	-2	D
GPC	DANIEL	2	JACKSON, MS	ST	BIT	RR	RFO	TK	0	12 / 2015	-2	-2	-2	-2	D
2015 TOTAL:												-4	-4		
<u>2016</u>															
NO ENTRIES															
<u>2017</u>															
GPC	DANIEL	1	JACKSON, MS	ST	BIT	RR	RFO	TK	---	11 / 2017	-2	-2	-2	-2	D
2017 TOTAL:												-2	-2		

2012
LOAD AND RESOURCE PLAN
STATE OF FLORIDA
FRCC Form 1.1
PLANNED AND PROSPECTIVE GENERATING FACILITY ADDITIONS AND CHANGES
(JANUARY 1, 2012 THROUGH DECEMBER 31, 2021)

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
UTILITY	PLANT NAME	UNIT NO.	LOCATION	UNIT TYPE	PRIMARY FUEL		ALTERNATE FUEL		ALT. FUEL STORAGE (DAYS BURN)	EFFECTIVE CHANGE DATE MO. / YEAR	GROSS CAPABILITY		NET CAPABILITY		CHANGE/ STATUS
					TYPE	TRANS.	TYPE	TRANS.			SUMMER (MW)	WINTER (MW)	SUMMER (MW)	WINTER (MW)	
<u>2018</u>															
GPC	DANIEL	2	JACKSON, MS	ST	BIT	RR	RFO	TK	---	11 / 2018	-2	-2	-2	-2	D
GPC	PEA RIDGE	1	SANTA ROSA	GT	NG	PL	---	---	---	12 / 2018	-4	-5	-4	-5	RT
GPC	PEA RIDGE	2	SANTA ROSA	GT	NG	PL	---	---	---	12 / 2018	-4	-5	-4	-5	RT
GPC	PEA RIDGE	3	SANTA ROSA	GT	NG	PL	---	---	---	12 / 2018	-4	-5	-4	-5	RT
2018 TOTAL:												-14	-17		
<u>2019</u>															
NO ENTRIES															
<u>2020</u>															
NO ENTRIES															
<u>2021</u>															
NO ENTRIES															
FRCC FUTURE TOTAL:												9,027	9,895		
STATE FUTURE TOTAL:												9,004	9,869		

**2012
LOAD AND RESOURCE PLAN
STATE OF FLORIDA**

FRCC Form 10

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

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
YEAR	INSTALLED CAPACITY		FIRM INTERCHANGE		FIRM	TOTAL	TOTAL PEAK DEMAND (MW)	RESERVE MARGIN W/O EXERCISING LOAD MANAGEMENT & INT.		NET FIRM PEAK DEMAND (MW)	RESERVE MARGIN WITH EXERCISING LOAD MANAGEMENT & INT.	
	INSIDE STATE (MW)	OUTSIDE STATE (MW)	STATE IMPORTS (MW)	STATE EXPORTS (MW)	NON-UTILITY PURCHASES (MW)	AVAILABLE CAPACITY (MW)		(MW)	(MW)	% OF PEAK	(MW)	(MW)
2012	48,774	3,552	1,482	143	5,289	58,954	48,556	10,398	21%	45,364	13,590	30%
2013	49,533	3,552	1,482	143	5,119	59,544	49,244	10,300	21%	46,006	13,538	29%
2014	50,757	3,552	1,871	143	4,416	60,453	49,870	10,583	21%	46,622	13,831	30%
2015	52,594	3,552	1,871	143	4,417	62,291	50,807	11,484	23%	47,499	14,792	31%
2016	53,145	3,548	531	143	4,616	61,697	51,671	10,026	19%	48,310	13,387	28%
2017	53,582	3,546	631	143	4,339	61,955	52,361	9,594	18%	48,910	13,045	27%
2018	53,568	3,544	731	143	4,325	62,025	52,798	9,227	17%	49,298	12,727	26%
2019	54,600	3,544	731	143	4,206	62,938	53,552	9,386	18%	49,990	12,948	26%
2020	54,682	3,544	731	143	4,123	62,937	54,440	8,497	16%	50,821	12,116	24%
2021	56,983	3,544	731	143	3,916	65,031	55,228	9,803	18%	51,559	13,472	26%

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

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
YEAR	INSTALLED CAPACITY		FIRM INTERCHANGE		FIRM	TOTAL	TOTAL PEAK DEMAND (MW)	RESERVE MARGIN W/O EXERCISING LOAD MANAGEMENT & INT.		NET FIRM PEAK DEMAND (MW)	RESERVE MARGIN WITH EXERCISING LOAD MANAGEMENT & INT.	
	INSIDE STATE (MW)	OUTSIDE STATE (MW)	STATE IMPORTS (MW)	STATE EXPORTS (MW)	NON-UTILITY PURCHASES (MW)	AVAILABLE CAPACITY (MW)		(MW)	(MW)	% OF PEAK	(MW)	(MW)
2012 / 13	51,694	3,726	1,625	0	5,631	62,676	49,698	12,978	26%	46,383	16,293	35%
2013 / 14	52,316	3,726	1,625	0	5,633	63,300	49,233	14,067	29%	45,906	17,394	38%
2014 / 15	56,346	3,726	2,014	0	4,715	66,801	50,484	16,317	32%	47,135	19,666	42%
2015 / 16	56,384	3,722	674	0	4,842	65,622	51,097	14,525	28%	47,706	17,916	38%
2016 / 17	57,492	3,722	774	0	4,635	66,623	51,762	14,861	29%	48,253	18,370	38%
2017 / 18	57,477	3,720	874	0	4,621	66,692	52,303	14,389	28%	48,748	17,944	37%
2018 / 19	57,627	3,718	874	0	4,501	66,721	52,953	13,768	26%	49,341	17,380	35%
2019 / 20	58,766	3,718	874	0	4,419	67,777	53,664	14,113	26%	49,995	17,782	36%
2020 / 21	59,760	3,718	874	0	4,420	68,772	54,359	14,413	27%	50,641	18,131	36%
2021 / 22	62,022	3,718	874	0	3,716	70,330	55,105	15,225	28%	51,344	18,986	37%

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

**2012
LOAD AND RESOURCE PLAN
STATE OF FLORIDA**

**FRCC Form 3.0
EXISTING NON-UTILITY, QF, AND SELF SERVICE GENERATION FACILITIES
AS OF DECEMBER 31, 2011**

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)		
UTILITY	FACILITY NAME	UNIT NO.	LOCATION	POTENTIAL EXPORT TO GRID AT TIME OF PEAK				GROSS CAPABILITY		NET CAPABILITY		UNIT TYPE	FUEL TYPE		COMMERCIAL IN-SERVICE MO. / YEAR	CONTRACT STATUS		
				FIRM		UNCOMMITTED		SUM (MW)	WIN (MW)	SUM (MW)	WIN (MW)		SUM (MW)	WIN (MW)			PRI	ALT
				SUM (MW)	WIN (MW)	SUM (MW)	WIN (MW)											
<u>GULF POWER COMPANY</u>																		
	BAY COUNTY RES. RECOV.	1	BAY	0.0	0.0	11.0	11.0	12.5	12.5	11	11	ST	MSW	---	2 / 1987	NC		
	INTERNATIONAL PAPER COMP.	1	ESCAMBIA	0.0	0.0	0.0	0.0	28.1	28.1	21.4	21.4	ST	WDS	NG	5 / 1983	NC		
	INTERNATIONAL PAPER COMP.	2	ESCAMBIA	0.0	0.0	0.0	0.0	28.1	28.1	21.4	21.4	ST	WDS	NG	5 / 1983	NC		
	PENSACOLA CHRISTIAN COLLEGE	1	ESCAMBIA	0.0	0.0	0.0	0.0	1.1	1.1	1.1	1.1	ST	NG	---	4 / 1988	NC		
	PENSACOLA CHRISTIAN COLLEGE	2	ESCAMBIA	0.0	0.0	0.0	0.0	1.1	1.1	1.1	1.1	ST	NG	---	4 / 1988	NC		
	PENSACOLA CHRISTIAN COLLEGE	3	ESCAMBIA	0.0	0.0	0.0	0.0	1.1	1.1	1.1	1.1	ST	NG	---	4 / 1988	NC		
	PENSACOLA CHRISTIAN COLLEGE	4	ESCAMBIA	0.0	0.0	0.0	0.0	1.8	1.8	1.8	1.8	IC	NG	---	6 / 2006	NC		
	PENSACOLA CHRISTIAN COLLEGE	5	ESCAMBIA	0.0	0.0	0.0	0.0	1.8	1.8	1.8	1.8	IC	NG	---	6 / 2006	NC		
	PENSACOLA CHRISTIAN COLLEGE	6	ESCAMBIA	0.0	0.0	0.0	0.0	1.8	1.8	1.8	1.8	IC	NG	---	6 / 2006	NC		
	PENSACOLA CHRISTIAN COLLEGE	7	ESCAMBIA	0.0	0.0	0.0	0.0	1.8	1.8	1.8	1.8	IC	NG	---	6 / 2006	NC		
	PENSACOLA CHRISTIAN COLLEGE	8	ESCAMBIA	0.0	0.0	0.0	0.0	1.8	1.8	1.8	1.8	IC	NG	---	6 / 2006	NC		
	PENSACOLA CHRISTIAN COLLEGE	9	ESCAMBIA	0.0	0.0	0.0	0.0	1.8	1.8	1.8	1.8	IC	NG	---	6 / 2006	NC		
	PENSACOLA CHRISTIAN COLLEGE	10	ESCAMBIA	0.0	0.0	0.0	0.0	1.8	1.8	1.8	1.8	IC	NG	---	6 / 2006	NC		
	PENSACOLA CHRISTIAN COLLEGE	11	ESCAMBIA	0.0	0.0	0.0	0.0	1.8	1.8	1.8	1.8	IC	NG	---	6 / 2006	NC		
	SOLUTIA	1	ESCAMBIA	0.0	0.0	0.0	0.0	5	5	5	5	ST	NG	DFO	1 / 1954	NC		
	SOLUTIA	2	ESCAMBIA	0.0	0.0	0.0	0.0	5	5	5	5	ST	NG	DFO	1 / 1954	NC		
	SOLUTIA	3	ESCAMBIA	0.0	0.0	0.0	0.0	6	6	6	6	ST	NG	DFO	1 / 1954	NC		
	SOLUTIA	4	ESCAMBIA	0.0	0.0	0.0	0.0	86	86	86	86	ST	NG	---	5 / 2005	NC		
	STONE CONTAINER	1	BAY	0.0	0.0	0.0	0.0	4	4	4	4	ST	DFO	NG	1 / 1960	NC		
	STONE CONTAINER	2	BAY	0.0	0.0	0.0	0.0	5	5	5	5	ST	BIT	---	1 / 1960	NC		
	STONE CONTAINER	3	BAY	0.0	0.0	0.0	0.0	8.6	8.6	8.6	8.6	ST	WDS	NG	1 / 1960	NC		
	STONE CONTAINER	4	BAY	0.0	0.0	0.0	0.0	17.1	17.1	17.1	17.1	ST	WDS	NG	1 / 1960	NC		
	GPC TOTAL:			0.0	0.0	11.0	11.0											
	FRCC TOTAL:			1,770.6	1,841.6	183.4	193.2	(UNCOMMITTED TOTAL EXCLUDES MERCHANT FACILITIES)										
	STATE TOTAL:			1,770.6	1,841.6	194.4	204.2											

**2012
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, 2012 THROUGH DECEMBER 31, 2021**

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
UTIL	FACILITY NAME	UNIT NO.	LOCATION	POTENTIAL EXPORT TO GRID AT TIME OF PEAK				GROSS CAPABILITY		NET CAPABILITY		UNIT TYPE	FUEL TYPE		COMMERCIAL IN-SERVICE/ RETIREMENT/ OR CHANGE IN CONTRACT MO / YEAR	CONTRACT STATUS
				FIRM		UNCOMMITTED		SUM (MW)	WIN (MW)	SUM (MW)	WIN (MW)		PRI	ALT		
				SUM (MW)	WIN (MW)	SUM (MW)	WIN (MW)									
<u>2012</u>	NO ENTRIES															
<u>2013</u>	NO ENTRIES															
<u>2014</u>	NO ENTRIES															
<u>2015</u>	NO ENTRIES															
<u>2016</u>	NO ENTRIES															
<u>2017</u>	NO ENTRIES															
<u>2018</u>	NO ENTRIES															
<u>2019</u>	NO ENTRIES															
<u>2020</u>	NO ENTRIES															
<u>2021</u>	NO ENTRIES															

**2012
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)
2012	1,810.6	183.4	2012/13	1,534.6	193.2
2013	1,419.6	293.4	2013/14	1,530.4	531.2
2014	1,507.6	521.4	2014/15	1,526.2	544.0
2015	1,595.6	534.2	2015/16	1,522.0	567.0
2016	1,683.6	557.2	2016/17	1,517.8	622.0
2017	1,771.6	607.2	2017/18	1,513.6	622.0
2018	1,771.6	622.4	2018/19	1,513.6	637.2
2019	1,771.6	622.4	2019/20	1,509.4	637.2
2020	1,859.6	624.0	2020/21	1,509.4	638.8
2021	1,859.6	624.0	2021/22	1,509.4	638.8

2012
LOAD AND RESOURCE PLAN
STATE OF FLORIDA
FRCC Form 12
SUMMARY OF FIRM CAPACITY AND ENERGY CONTRACTS
AS OF JANUARY 1, 2012

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
PURCHASING ENTITY	SELLING ENTITY	CONTRACT TERM		CONTRACT CAPACITY		PRIMARY FUEL	DESCRIPTION
		FROM (MM/DD/YY)	TO (MM/DD/YY)	SUMMER (MW)	WINTER (MW)		
FLINT	GPC	06/01/10	12/31/19	50	50	BIT	GPC Scherer 3 allocation of Southern Unit Power Sale
FPL	GPC	06/01/10	12/31/15	111	111	BIT	GPC Scherer 3 allocation of Southern Unit Power Sale
GPC	MKT	06/01/09	05/31/14	496	496	NG	
GPC	SENA	06/01/14	05/24/23	885	885	NG	PPA with power marketer (Shell Energy)
PEF	GPC	06/01/10	12/31/15	50	50	BIT	GPC Scherer 3 allocation of Southern Unit Power Sale

**2012
LOAD AND RESOURCE PLAN
STATE OF FLORIDA**

**FRCC Form 9.0
FUEL REQUIREMENTS
AS OF JANUARY 1, 2012**

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
FUEL REQUIREMENTS			UNITS	<u>ACTUAL</u> 2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
(1)	NUCLEAR		TRILLION BTU	253	221	299	326	381	399	403	383	402	399	438
(2)	COAL		1000 TON	25,420	22,801	24,980	25,348	25,495	26,311	26,897	27,244	28,055	27,633	28,055
RESIDUAL														
(3)	STEAM		1000 BBL	1,596	1,643	691	401	458	590	504	463	482	566	731
(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	1,596	1,643	691	401	458	590	504	463	482	566	731
DISTILLATE														
(7)	STEAM		1000 BBL	150	156	139	143	131	127	130	133	134	129	195
(8)	CC		1000 BBL	342	59	71	55	52	59	59	56	64	73	79
(9)	CT		1000 BBL	307	495	324	518	376	387	410	514	655	727	508
(10)	TOTAL:		1000 BBL	799	710	534	716	559	573	599	703	853	929	782
NATURAL GAS														
(11)	STEAM		1000 MCF	98,872	65,091	43,698	50,580	47,371	51,091	50,647	52,395	48,872	49,428	42,773
(12)	CC		1000 MCF	872,836	975,375	928,566	943,133	936,788	923,314	928,802	957,071	966,923	999,029	1,022,291
(13)	CT		1000 MCF	34,218	41,223	38,772	37,333	34,253	31,372	30,762	32,946	32,102	35,626	28,335
(14)	TOTAL:		1000 MCF	1,005,926	1,081,689	1,011,036	1,031,046	1,018,412	1,005,777	1,010,211	1,042,412	1,047,897	1,084,083	1,093,399
(15)	OTHER													
	PET COKE		1000 TON	1,133	1,486	1,654	1,730	1,719	1,633	1,729	1,794	1,760	1,799	1,692
	LFG & BIOFUELS		1000 MMBTU	634	610	589	564	550	541	532	523	514	505	496

**2012
LOAD AND RESOURCE PLAN
STATE OF FLORIDA**

**FRCC Form 9.1
ENERGY SOURCES (GWH)
AS OF JANUARY 1, 2012**

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
			UNITS	ACTUAL										
ENERGY SOURCES				2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
(1)	FIRM INTER-REGION INTERCHANGE		GWH	6,928	5,051	2,955	3,058	2,517	1,297	102	-816	-1,440	-1,300	-1,517
(2)	NUCLEAR		GWH	22,828	20,576	27,924	30,540	36,392	37,855	38,356	36,437	38,245	37,834	42,044
(3)	COAL		GWH	56,014	50,634	55,276	56,849	57,135	59,572	60,807	61,757	63,550	62,946	63,874
RESIDUAL														
(4)	STEAM		GWH	847	1,038	426	239	283	358	308	281	292	345	450
(5)	CC		GWH	0	0	0	0	0	1	1	1	1	3	0
(6)	CT		GWH	0	0	0	0	0	0	0	0	0	0	0
(7)	TOTAL:		GWH	847	1,038	426	239	283	359	309	282	293	348	450
DISTILLATE														
(8)	STEAM		GWH	63	21	22	23	23	24	24	24	25	25	25
(9)	CC		GWH	130	34	44	31	30	35	34	33	39	46	52
(10)	CT		GWH	138	278	199	263	223	231	242	286	334	354	266
(11)	TOTAL:		GWH	331	333	265	317	276	290	300	343	398	425	343
NATURAL GAS														
(12)	STEAM		GWH	9,612	5,956	3,878	4,713	4,848	4,913	4,682	4,919	4,330	4,382	3,722
(13)	CC		GWH	123,976	140,122	134,935	135,825	134,585	135,237	138,123	142,240	144,248	149,311	150,692
(14)	CT		GWH	3,655	2,886	2,767	2,434	2,540	2,064	1,850	2,014	2,097	2,409	1,857
(15)	TOTAL:		GWH	137,243	148,964	141,580	142,972	141,973	142,214	144,655	149,173	150,675	156,102	156,271
(16)	NUG		GWH	2,611	2,793	2,580	1,648	1,655	1,659	1,660	1,663	1,668	1,677	1,676
RENEWABLES														
(17)	BIOFUELS		GWH	21	13	13	13	13	13	13	13	13	13	13
(18)	BIOMASS		GWH	737	611	579	995	1,002	932	930	930	930	932	930
(19)	HYDRO		GWH	8	21	21	21	21	18	20	21	21	21	21
(20)	LANDFILL GAS		GWH	334	367	608	585	601	579	540	413	346	321	316
(21)	MSW		GWH	1,655	1,875	1,867	1,851	1,866	1,868	1,451	1,451	1,451	1,456	1,451
(22)	SOLAR		GWH	116	284	294	303	313	322	324	327	327	329	327
(23)	WIND		GWH	0	0	0	0	0	0	0	0	0	0	0
(24)	OTHER RENEW.		GWH	28	3	4	4	4	3	4	4	4	3	4
(25)	TOTAL:		GWH	2,899	3,174	3,386	3,772	3,820	3,735	3,282	3,159	3,092	3,075	3,062
(26)	OTHER		GWH	7,957	6,082	7,240	5,923	6,547	7,568	8,727	9,486	8,856	9,190	9,316
(27)	NET ENERGY FOR LOAD		GWH	237,658	238,645	241,632	245,318	250,598	254,549	258,198	261,484	265,337	270,297	275,519

**2012
LOAD AND RESOURCE PLAN
STATE OF FLORIDA**

**FRCC Form 9.2
ENERGY SOURCES (%)
AS OF JANUARY 1, 2012**

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
ENERGY SOURCES			UNITS	ACTUAL 2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
(1)	FIRM INTER-REGION INTERCHANGE		%	2.92%	2.12%	1.22%	1.25%	1.00%	0.51%	0.04%	-0.31%	-0.54%	-0.48%	-0.55%
(2)	NUCLEAR		%	9.61%	8.62%	11.56%	12.45%	14.52%	14.87%	14.86%	13.93%	14.41%	14.00%	15.26%
(3)	COAL		%	23.57%	21.22%	22.88%	23.17%	22.80%	23.40%	23.55%	23.62%	23.95%	23.29%	23.18%
	RESIDUAL													
(4)	STEAM		%	0.36%	0.43%	0.18%	0.10%	0.11%	0.14%	0.12%	0.11%	0.11%	0.13%	0.16%
(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:		%	0.36%	0.43%	0.18%	0.10%	0.11%	0.14%	0.12%	0.11%	0.11%	0.13%	0.16%
	DISTILLATE													
(8)	STEAM		%	0.03%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%
(9)	CC		%	0.05%	0.01%	0.02%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.02%	0.02%
(10)	CT		%	0.06%	0.12%	0.08%	0.11%	0.09%	0.09%	0.09%	0.11%	0.13%	0.13%	0.10%
(11)	TOTAL:		%	0.14%	0.14%	0.11%	0.13%	0.11%	0.11%	0.12%	0.13%	0.15%	0.16%	0.12%
	NATURAL GAS													
(12)	STEAM		%	4.04%	2.50%	1.60%	1.92%	1.93%	1.93%	1.81%	1.88%	1.63%	1.62%	1.35%
(13)	CC		%	52.17%	58.72%	55.84%	55.37%	53.71%	53.13%	53.49%	54.40%	54.36%	55.24%	54.69%
(14)	CT		%	1.54%	1.21%	1.15%	0.99%	1.01%	0.81%	0.72%	0.77%	0.79%	0.89%	0.67%
(15)	TOTAL:		%	57.75%	62.42%	58.59%	58.28%	56.65%	55.87%	56.02%	57.05%	56.79%	57.75%	56.72%
(16)	NUG		%	1.10%	1.17%	1.07%	0.67%	0.66%	0.65%	0.64%	0.64%	0.63%	0.62%	0.61%
	RENEWABLES													
(17)	BIOFUELS		%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.00%	0.00%	0.00%	0.00%
(18)	BIOMASS		%	0.31%	0.26%	0.24%	0.41%	0.40%	0.37%	0.36%	0.36%	0.35%	0.34%	0.34%
(19)	HYDRO		%	0.00%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%
(20)	LANDFILL GAS		%	0.14%	0.15%	0.25%	0.24%	0.24%	0.23%	0.21%	0.16%	0.13%	0.12%	0.11%
(21)	MSW		%	0.70%	0.79%	0.77%	0.75%	0.74%	0.73%	0.56%	0.55%	0.55%	0.54%	0.53%
(22)	SOLAR		%	0.05%	0.12%	0.12%	0.12%	0.12%	0.13%	0.13%	0.13%	0.12%	0.12%	0.12%
(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%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
(25)	TOTAL:		%	1.22%	1.33%	1.40%	1.54%	1.52%	1.47%	1.27%	1.21%	1.17%	1.14%	1.11%
(26)	OTHER		%	3.35%	2.55%	3.00%	2.41%	2.61%	2.97%	3.38%	3.63%	3.34%	3.40%	3.38%
(27)	NET ENERGY FOR LOAD		%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%

**2012
LOAD AND RESOURCE PLAN
STATE OF FLORIDA**

**FRCC Form 13
SUMMARY AND SPECIFICATIONS OF PROPOSED TRANSMISSION LINES
AS OF JANUARY 1, 2012**

(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 *
GPC	MILLIGAN TAP	MILLIGAN	1	10 / 2012	115	155	NA
GPC	SMITH	LAGUNA BEACH 230KV # 2	14	6 / 2013	230	602	NA
GPC	HIGHLAND CITY	CALLAWAY	4	6 / 2013	230	602	NA
GPC	SOUTH CRESTVIEW	AIRPORT	5	12 / 2013	115	155	NA
GPC	LAGUNA BEACH	SANTA ROSA # 1	21	6 / 2015	230**	602	NA
GPC	LAGUNA BEACH	SANTA ROSA # 2	21	6 / 2015	230**	602	NA
GPC	AMERICAN CYANAMID	AVALON	4	6 / 2018	115	251	NA
GPC/APC	NORTH BREWTON	CRIST	56	6 / 2021	230	907	NA

* TLSA: Transmission Line Siting Act

* PPSA: Power Plant Siting Act

** Line Upgrade / Voltage Change

MERCHANT GENERATION IN FLORIDA

MERCHANT GENERATION IN FLORIDA

FRCC has included information on merchant generation facilities for the following companies to include in the 2012 Regional Load & Resource Plan:

1. Auburndale Power Partners (APP)
2. Calpine (CAL)
3. DeSoto County Generating Company (DES)
4. General Electric (GE)
5. GenOn Energy Services (GON)
6. Northern Star Generation (NSG)
7. Southern Power Company (SOU)

CODES USED IN FORMS FOR MERCHANT GENERATING FACILITIES

Unit Status	Contract Status	Ownership
NS – Merchant plant –No system impact study, not under construction	C – Contract in place	MER – Merchant Generator
SI – Merchant plant – System impact study completed, not under construction	CC – Contract Change	
U – Under construction, less than or equal to 50% complete	NC – No Contract	
V – Under construction, more than 50% complete	R – Retirement	
TS – Construction complete, but not yet in commercial operation		
M – Generating unit put in deactivated shutdown status		
RA – Previously deactivated or retired generator planned for reactivation		
OP – In commercial operation		
D – Generating unit capability decreased (rerated or relicensed)		
A – Generating unit capability increased (rerated or relicensed)		
FC – Existing generator planned for conversion to another fuel or energy source		
RP – Proposed for repowering or life extension		
CO – Change of ownership (including change of shares of jointly-owned units)		
OT – Other		

**EXISTING MERCHANT GENERATION FACILITIES
IN FLORIDA
As of December 31, 2011**

(1) FACILITY NAME	(2) UNIT NO.	(3) LOCATION (COUNTY)	(4) POTENTIAL EXPORT TO GRID AT TIME OF PEAK				(5) GROSS CAPABILITY				(6) NET CAPABILITY				(13) FUEL TYPE	(14) ALT	(15) COMMERCIAL IN-SERVICE MO. / YEAR	(16) RETIREMENT MO. / YEAR	(17) OWNERSHIP	(18) UNIT STATUS	(19) CONTRACT STATUS	
			FIRM		UNCOMMITTED		SUM (MW)	WIN (MW)	SUM (MW)	WIN (MW)	SUM (MW)	WIN (MW)	UNIT TYPE	PRI								ALT
			SUM (MW)	WIN (MW)	SUM (MW)	WIN (MW)																
			SUM (MW)	WIN (MW)	SUM (MW)	WIN (MW)	SUM (MW)	WIN (MW)	UNIT TYPE	PRI	ALT	MO. / YEAR	MO. / YEAR	OWNERSHIP								UNIT STATUS
<u>AUBURNDALE POWER PARTNERS (APP)</u>																						
AUBURNDALE POWER PARTNERS	CT	POLK	131.18	131.18	24.12	30.92	(3)	121.5	(1)	111.3	117.0	CT	NG	DFO	4 / 1994	- / -	MER	OP	C	(2)		
AUBURNDALE POWER PARTNERS	ST	POLK					(3)	52.0	(1)	44.0	45.1	CA	WH		4 / 1994	- / -	MER	OP	C	(2)		
<u>CALPINE EASTERN (CAL)</u>																						
AUBURNDALE PEAKER ENERGY CTR	CTP	POLK	117.0	117.0	1.0	9.0		130.1	(1)	118.0	126.0	GT	NG	DFO	5 / 2002	- / -	MER	OP	C			
OSPREY ENERGY CENTER	CT1	POLK	240.0	360.0	345.0	240.0	(2)	192.1	(1)	172.5	180.0	CT	NG		5 / 2004	- / -	MER	OP	C			
OSPREY ENERGY CENTER	CT2	POLK	-	-	-	-		192.1	(1)	172.5	180.0	CT	NG		5 / 2004	- / -	MER	OP	C			
OSPREY ENERGY CENTER	ST	POLK	-	-	-	-		260.0	(1)	240.0	240.0	CA	WH		5 / 2004	- / -	MER	OP	C			
SANTA ROSA ENERGY CENTER	CT01	SANTA ROSA	0.0	0.0	161.4	173.4		165.7	177.7	161.4	173.4	CT	NG		6 / 2003	- / -	MER	OP	NC	(5)		
SANTA ROSA ENERGY CENTER	ST01	SANTA ROSA	0.0	0.0	74.5	74.5		74.5	74.5	74.5	74.5	CA	WH		6 / 2003	- / -	MER	OP	NC	(5)		
<u>DESOTO COUNTY GENERATING CO. (DES)</u>																						
DESOTO COUNTY	1	DESOTO	0	0	157	175		160	178	157	175	GT	NG	DFO	5 / 2002	- / -	MER	OP	NC	(6)		
DESOTO COUNTY	2	DESOTO	0	0	157	175		160	178	157	175	GT	NG	DFO	5 / 2002	- / -	MER	OP	NC	(6)		
<u>GENERAL ELECTRIC (GE)</u>																						
SHADY HILLS POWER CO.	1 GT	PASCO	156	172	0	0				156	172	GT	NG	DFO	2 / 2002	- / -	MER	OP	C	(4)		
SHADY HILLS POWER CO.	2 GT	PASCO	156	172	0	0				156	172	GT	NG	DFO	2 / 2002	- / -	MER	OP	C			
SHADY HILLS POWER CO.	3 GT	PASCO	156	172	0	0				156	172	GT	NG	DFO	2 / 2002	- / -	MER	OP	C			
<u>GENON ENERGY SERVICES (GON)</u>																						
GES - INDIAN RIVER	1 - 3	BREVARD	0	0	0	0						ST	NG	RFO	2 / 1960	- / -	MER	SB	NC	(7)		
GES - OSCEOLA	1 - 3	OSCEOLA	474	510	0	0				474	510	GT	NG	DFO	12 / 2001	- / -	MER	OP	C			
<u>NORTHERN STAR GENERATION (NSG)</u>																						
VANDOLAH POWER CO.	1	HARDEE	155	167.5	0	0		157.5	170	155	167.5	GT	NG	DFO	6 / 2002	6 / 2042	MER	OP	C			
VANDOLAH POWER CO.	2	HARDEE	155	167.5	0	0		157.5	170	155	167.5	GT	NG	DFO	6 / 2002	6 / 2042	MER	OP	C			
VANDOLAH POWER CO.	3	HARDEE	155	167.5	0	0		157.5	170	155	167.5	GT	NG	DFO	6 / 2002	6 / 2042	MER	OP	C			
VANDOLAH POWER CO.	4	HARDEE	155	167.5	0	0		157.5	170	155	167.5	GT	NG	DFO	6 / 2002	6 / 2042	MER	OP	C			
<u>SOUTHERN POWER COMPANY (SOU)</u>																						
OLEANDER POWER PROJECT	1	BREVARD	164	176	0	0		165	177	164	176	GT	NG	DFO	6 / 2005	- / -	MER	OP	C			
OLEANDER POWER PROJECT	2	BREVARD	155	167	0	0		156	168	155	167	GT	NG	DFO	6 / 2005	- / -	MER	OP	C			
OLEANDER POWER PROJECT	3	BREVARD	155	166	0	0		156	167	155	166	GT	NG	DFO	6 / 2005	- / -	MER	OP	C			
OLEANDER POWER PROJECT	4	BREVARD	156	167	0	0		157	168	156	167	GT	NG	DFO	6 / 2005	- / -	MER	OP	C			
OLEANDER POWER PROJECT	5	BREVARD	160	182	0	0		161	183	160	182	GT	NG	DFO	12 / 2007	- / -	MER	OP	C			
TOTALS:			2,840.0	3,161.4	920.0	877.8				3,760.0	4,039.2											

(1) Generator nameplate rating

(2) Both of the Auburndale Power Partners units together are part of the same contract.

(3) Both of the Auburndale Power Partners units together produce the electricity for these contracts.

(4) All capacities based on Progress Toll contract ambient conditions.

(5) Contract in place with Snapping Shoals (outside of Florida). If contract not called then Calpine Energy Services has the right to dispatch uncommitted load from the facility.

(6) DeSoto County Generating Co. LLC owns the DeSoto plants; DES is under the ownership of LS Power.

(7) A contract for the sale of the Indian River facility was entered into Dec 2011 (closing was Jan 2012). This capacity is not counted under total Net Capability for the State.

**PLANNED AND PROSPECTIVE MERCHANT GENERATION FACILITIES
IN FLORIDA
January 1, 2012 Through December 31, 2021
ORDERED BY ENTITY**

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

AUBURNDALE POWER PARTNERS

No Activity Reported

CALPINE EASTERN

No Activity Reported

DESOTO COUNTY GENERATING

No Activity Reported

GENERAL ELECTRIC

No Activity Reported

GENON ENERGY SERVICES

No Activity Reported

NORTHERN STAR GENERATION

No Activity Reported

SOUTHERN POWER COMPANY

No Activity Reported

**PLANNED AND PROSPECTIVE MERCHANT GENERATION FACILITIES
IN FLORIDA
January 1, 2012 Through December 31, 2021
ORDERED BY IN-SERVICE DATE**

(1) ENTITY	(2) FACILITY NAME	(3) UNIT NO.	(4) LOCATION (COUNTY)	(5) - (8) POTENTIAL EXPORT TO GRID AT TIME OF PEAK				(9) - (10) GROSS CAPABILITY		(11) - (12) NET CAPABILITY		(13) UNIT TYPE	(14) - (15) FUEL TYPE		(16) COMMERCIAL IN-SERVICE MO. / YEAR	(17) RETIREMENT MO. / YEAR	(18) OWNERSHIP	(19) UNIT STATUS	(20) CONTRACT STATUS		
				(5) - (6) FIRM		(7) - (8) UNCOMMITTED		SUM (MW)	WIN (MW)	SUM (MW)	WIN (MW)		SUM (MW)	WIN (MW)						PRI	ALT
				SUM (MW)	WIN (MW)	SUM (MW)	WIN (MW)														
<u>2012</u>																					
No Activity Reported																					
<u>2013</u>																					
No Activity Reported																					
<u>2014</u>																					
No Activity Reported																					
<u>2015</u>																					
No Activity Reported																					
<u>2016</u>																					
No Activity Reported																					
<u>2017</u>																					
No Activity Reported																					
<u>2018</u>																					
No Activity Reported																					
<u>2019</u>																					
No Activity Reported																					
<u>2020</u>																					
No Activity Reported																					
<u>2021</u>																					
No Activity Reported																					
2012 - 2021 TOTALS:				0.0	0.0	0.0	0.0	0.0	0.0	0.0											

SUMMARY OF MERCHANT FIRM CAPACITY AND ENERGY CONTRACTS
As of January 1, 2012

(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)	
FMPA	SOU	12/16/2007	12/15/2022	155	182	Unit 5 (Oleander Power)
FPL	DES	1/1/2012	12/31/2012	150	150	Tolling Agreement for #1 CT.
FPL	DES	1/1/2012	12/31/2012	155	155	Tolling Agreement for #2 CT.
FPL	SOU	6/1/2007	5/31/2012	164	176	Unit 1 (Oleander Power)
PEF	APP	4/7/1994	12/31/2013	114.2	114.2	Firm Capacity and Energy Payments (Auburndale Power Partners)
PEF	APP	12/23/1994	12/31/2013	17	17	Firm Capacity and Energy Payments (Auburndale Power Partners)
PEF	GE	4/1/2007	4/30/2024	468	520	Toll to Florida Progress for 100% of output (Capability based on contract ambient conditions)
PEF	NSG	6/1/2012	5/31/2027	630	630	Contract does not call for Vandolah's specific MW output, but instead calls for annual performance capacity test to determine MW output for that year. Average expected annual output in range of 630 MW.
PEF	RRI	5/1/2010	5/31/2012	158	158	CT Capacity Purchase (Capacity purchased by RES from Northern Star Generation's Vandolah Generating Station)
PEF	RRI	6/1/2011	5/31/2012	158	158	CT Capacity Purchase (Capacity purchased by RES from Northern Star Generation's Vandolah Generating Station)

SUMMARY OF MERCHANT FIRM CAPACITY AND ENERGY CONTRACTS
As of January 1, 2012

(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)	
RES	NSG	6/1/2002	5/31/2012	632	632	Tolling agreement pursuant to which Vandolah supplies all of its capacity and energy to RES for 10 years.
SEC	CAL	10/7/2005	5/31/2014	340	360	Firm capacity and energy. SEC has rights to partial dispatch of energy (Osprey)
SEC	GON	12/1/2008	5/31/2014	310	310	CT Capacity Purchase (Osceola)
SEC	GON	12/1/2009	5/31/2014	155	155	CT Capacity Purchase (Osceola)
SEC	SOU	1/1/2010	5/31/2021	155	167	Unit 2 (Oleander Power)
SEC	SOU	1/1/2010	5/31/2021	155	166	Unit 3 (Oleander Power)
SEC	SOU	1/1/2010	5/31/2021	156	167	Unit 4 (Oleander Power)
TEC	CAL	11/1/2011	12/31/2016	117	117	Firm capacity and energy. Contract includes option to supply from OEC.
TEC	RRI	1/1/2008	5/31/2012	158	158	CT Capacity Purchase. (Capacity purchased by RES from Northern Star Vandolah Generating Station)

**2012
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)
2012	2,658.0	1,102.0	3,760.0	2012/13	2,667.4	1,371.8	4,039.2
2013	2,358.0	1,402.0	3,760.0	2013/14	2,536.2	1,503.0	4,039.2
2014	1,421.8	2,338.2	3,760.0	2014/15	1,711.2	2,328.0	4,039.2
2015	1,421.8	2,338.2	3,760.0	2015/16	1,711.2	2,328.0	4,039.2
2016	1,421.8	2,338.2	3,760.0	2016/17	1,594.2	2,445.0	4,039.2
2017	1,304.8	2,455.2	3,760.0	2017/18	1,594.2	2,445.0	4,039.2
2018	1,304.8	2,455.2	3,760.0	2018/19	1,594.2	2,445.0	4,039.2
2019	1,304.8	2,455.2	3,760.0	2019/20	1,594.2	2,445.0	4,039.2
2020	1,304.8	2,455.2	3,760.0	2020/21	1,594.2	2,445.0	4,039.2
2021	838.8	2,921.2	3,760.0	2021/22	1,094.6	2,944.6	4,039.2

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.

FLORIDA RELIABILITY COORDINATING COUNCIL

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