



2011
Regional
Load & Resource
Plan

July 2011

**FLORIDA RELIABILITY COORDINATING COUNCIL
2011
REGIONAL LOAD & RESOURCE PLAN
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FLORIDA RELIABILITY COORDINATING COUNCIL

2011

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).

**2011
LOAD AND RESOURCE PLAN
FLORIDA RELIABILITY COORDINATING COUNCIL**

HISTORY AND FORECAST

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
	<u>SUMMER PEAK DEMAND (MW)</u>					<u>WINTER PEAK DEMAND (MW)</u>					<u>ENERGY</u>	
<u>YEAR</u>	<u>ACTUAL PEAK DEMAND (MW)</u>				<u>YEAR</u>	<u>ACTUAL PEAK DEMAND (MW)</u>				<u>YEAR</u>	<u>NET ENERGY FOR LOAD (GWH)</u>	<u>LOAD FACTOR (%)</u>
2001	38,670				2001 / 02	39,675				2001	201,251	57.1%
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	45,522				2010 / 11	45,954				2010	233,034	51.4%

<u>YEAR</u>	<u>TOTAL PEAK DEMAND (MW)</u>	<u>INTER- RUPTIBLE LOAD (MW)</u>	<u>LOAD MANAGE- MENT (MW)</u>	<u>NET FIRM PEAK DEMAND (MW)</u>	<u>YEAR</u>	<u>TOTAL PEAK DEMAND (MW)</u>	<u>INTER- RUPTIBLE LOAD (MW)</u>	<u>LOAD MANAGE- MENT (MW)</u>	<u>NET FIRM PEAK DEMAND (MW)</u>	<u>YEAR</u>	<u>NET ENERGY FOR LOAD (GWH)</u>	<u>LOAD FACTOR (%)</u>
2011	46,091	626	2,520	42,945	2011 / 12	47,613	634	2,783	44,196	2011	225,326	55.8%
2012	46,658	667	2,602	43,389	2012 / 13	48,276	701	2,825	44,750	2012	229,230	55.0%
2013	47,446	735	2,655	44,056	2013 / 14	48,889	688	2,851	45,350	2013	234,208	55.4%
2014	48,228	721	2,720	44,787	2014 / 15	49,534	682	2,929	45,923	2014	238,618	55.7%
2015	49,278	715	2,793	45,770	2015 / 16	50,148	645	3,000	46,503	2015	242,420	55.9%
2016	50,036	678	2,862	46,496	2016 / 17	50,812	646	3,057	47,109	2016	246,048	56.0%
2017	50,833	679	2,927	47,227	2017 / 18	51,408	648	3,116	47,644	2017	249,441	56.0%
2018	51,377	681	2,989	47,707	2018 / 19	52,088	649	3,170	48,269	2018	252,642	56.1%
2019	52,186	682	3,041	48,463	2019 / 20	52,784	650	3,205	48,929	2019	256,271	56.1%
2020	53,083	683	3,103	49,297	2020 / 21	53,415	651	3,236	49,528	2020	260,660	56.1%

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

2011
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, 2011

(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	OTHER SALES	TOTAL SALES	WHOLESALE PURCHASES FOR RESALE	WHOLESALE SALES FOR RESALE	UTILITY USE & LOSSES	NET ENERGY FOR LOAD
	GWH	AVERAGE NO. OF CUSTOMERS	AVG. KWH CONSUMPTION PER CUST.	GWH	AVERAGE NO. OF CUSTOMERS	AVG. KWH CONSUMPTION PER CUST.	GWH	AVERAGE NO. OF CUSTOMERS	AVG. KWH CONSUMPTION PER CUST.							
2001	95,049	6,895,042	13,785	68,199	846,796	80,538	19,603	27,915	702,239	752	4,313	187,916	0	7,425	20,760	201,251
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	113,219	7,949,870	14,242	76,185	977,606	77,930	19,022	26,768	710,625	833	5,366	214,625	0	7,497	25,906	233,034
2001-2010																
% AAGR	1.96%			1.24%			-0.33%									1.64%
2011	108,229	8,029,268	13,479	75,747	985,931	76,828	19,332	26,950	717,328	848	5,440	209,596	0	8,185	23,915	225,326
2012	109,271	8,133,378	13,435	76,874	995,193	77,245	19,791	27,773	712,599	863	5,550	212,349	0	9,095	25,976	229,230
2013	111,706	8,263,027	13,519	78,393	1,008,005	77,770	20,360	28,523	713,810	879	5,692	217,030	0	9,110	26,288	234,208
2014	112,444	8,268,792	13,599	79,283	1,011,377	78,391	20,470	29,130	702,712	895	5,785	218,877	0	12,106	31,847	238,618
2015	114,157	8,407,915	13,577	80,710	1,027,885	78,520	20,584	29,612	695,124	913	5,918	222,282	0	12,857	32,995	242,420
2016	116,182	8,542,973	13,600	82,097	1,044,786	78,578	20,538	30,136	681,510	931	6,048	225,796	0	11,899	32,151	246,048
2017	117,706	8,674,031	13,570	83,476	1,061,108	78,669	20,680	30,535	677,256	951	6,154	228,967	0	11,319	31,793	249,441
2018	119,282	8,802,425	13,551	84,882	1,077,318	78,790	20,829	30,849	675,192	971	6,272	232,236	0	11,069	31,475	252,642
2019	120,818	8,928,932	13,531	86,424	1,093,388	79,042	20,982	31,202	672,457	992	6,372	235,588	0	11,742	32,425	256,271
2020	122,819	9,067,787	13,545	88,170	1,109,490	79,469	21,156	31,589	669,727	1,014	6,486	239,645	0	11,909	32,924	260,660
2011-2020																
% AAGR	1.42%			1.70%			1.01%									1.63%

**2011
LOAD AND RESOURCE PLAN
FLORIDA RELIABILITY COORDINATING COUNCIL**

**FRCC Form 5.0
HISTORY AND FORECAST OF SUMMER PEAK DEMAND (MW)
AS OF JANUARY 1, 2011**

(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.	
2009	46,260	92	158	40	295	1,300	1,001	49,146
2010	45,522	91	106	3	312	1,414	1,058	48,506
2011	42,945	626	1,479	1,041	391	1,576	1,116	49,174
2012	43,389	667	1,519	1,083	397	1,760	1,191	50,006
2013	44,056	735	1,539	1,116	391	1,959	1,276	51,072
2014	44,787	721	1,547	1,173	391	2,168	1,359	52,146
2015	45,770	715	1,582	1,211	391	2,382	1,434	53,485
2016	46,496	678	1,608	1,254	391	2,572	1,502	54,501
2017	47,227	679	1,633	1,294	391	2,761	1,555	55,540
2018	47,707	681	1,657	1,332	391	2,944	1,600	56,312
2019	48,463	682	1,674	1,367	391	3,121	1,637	57,335
2020	49,297	683	1,709	1,394	391	3,256	1,668	58,398
CAAGR (%):	1.54%							

**2011
LOAD AND RESOURCE PLAN
FLORIDA RELIABILITY COORDINATING COUNCIL**

FRCC Form 6.0
HISTORY AND FORECAST OF WINTER PEAK DEMAND (MW)
AS OF JANUARY 1, 2011

(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.	
2009/10	51,767	287	983	56	278	1,815	519	55,705
2010/11	45,954	70	111	0	227	1,920	549	48,831
2011/12	44,196	634	1,846	937	374	2,053	575	50,615
2012/13	44,750	701	1,865	960	368	2,185	622	51,451
2013/14	45,350	688	1,849	1,002	368	2,331	677	52,265
2014/15	45,923	682	1,899	1,030	368	2,491	735	53,128
2015/16	46,503	645	1,942	1,058	368	2,634	789	53,939
2016/17	47,109	646	1,970	1,087	368	2,778	841	54,799
2017/18	47,644	648	2,000	1,116	368	2,915	880	55,571
2018/19	48,269	649	2,027	1,143	368	3,048	911	56,415
2019/20	48,929	650	2,039	1,166	368	3,175	935	57,262
2020/21	49,528	651	2,051	1,185	368	3,212	947	57,942
CAAGR (%):	1.27%							

**2011
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, 2011

(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.	
2009	225,964	0	3	0	2,014	3,582	2,968	234,531
2010	233,034	0	3	0	2,043	3,813	3,124	242,017
2011	225,326	0	5	7	2,434	4,231	3,253	235,256
2012	229,230	0	7	7	2,534	4,713	3,501	239,992
2013	234,208	0	9	7	2,533	5,209	3,788	245,754
2014	238,618	0	11	7	2,522	5,725	4,079	250,962
2015	242,420	0	13	7	2,533	6,267	4,358	255,598
2016	246,048	0	14	7	2,535	6,791	4,605	260,000
2017	249,441	0	16	7	2,533	7,303	4,823	264,123
2018	252,642	0	18	8	2,533	7,794	5,010	268,005
2019	256,271	0	21	8	2,533	8,265	5,172	272,270
2020	260,660	0	23	8	2,535	8,725	5,323	277,274
CAAGR (%):	1.63%							

**2011
LOAD AND RESOURCE PLAN
FLORIDA RELIABILITY COORDINATING COUNCIL**

**SUMMARY OF INTERRUPTIBLE LOAD AND LOAD MANAGEMENT (MW)
2011 THROUGH 2020
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	
2011	2	2	3	1,005	858	105	0	5	0	269	317	103	123	90	5	7	127	55	70	626	1,479	1,041	3,146
2012	3	3	3	1,017	878	105	0	5	0	310	329	113	123	90	19	18	126	56	71	667	1,519	1,083	3,269
2013	3	3	3	1,023	896	105	0	5	0	377	340	126	123	90	21	18	127	57	73	735	1,539	1,116	3,390
2014	3	3	3	1,041	934	105	0	5	0	378	363	143	108	55	23	18	127	57	75	721	1,547	1,173	3,441
2015	3	3	3	1,044	952	105	0	5	0	372	390	161	108	55	26	18	127	59	77	715	1,582	1,211	3,508
2016	3	3	3	1,047	971	105	0	5	0	335	412	181	108	55	26	19	127	60	80	678	1,608	1,254	3,540
2017	3	3	3	1,050	989	105	0	6	0	336	431	201	108	55	26	19	127	62	82	679	1,633	1,294	3,606
2018	3	3	3	1,053	1,007	105	0	6	0	337	450	219	108	55	26	19	128	64	84	681	1,657	1,332	3,670
2019	3	3	3	1,056	1,026	105	0	6	0	338	462	233	108	55	26	19	128	66	86	682	1,674	1,367	3,723
2020	3	3	3	1,080	1,042	105	0	6	0	339	469	241	108	55	27	20	128	69	88	683	1,709	1,394	3,786

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	
2011/12	0	0	0	922	769	65	0	6	0	310	672	97	123	133	0	0	136	113	71	634	1,846	937	3,417
2012/13	0	0	0	932	784	65	0	6	0	377	681	104	123	133	0	0	136	113	72	701	1,865	960	3,526
2013/14	0	0	0	956	817	65	0	6	0	378	693	112	109	81	0	0	136	113	73	688	1,849	1,002	3,539
2014/15	0	0	0	959	832	65	0	6	0	372	739	123	109	81	0	0	136	114	75	682	1,899	1,030	3,611
2015/16	0	0	0	961	846	65	0	6	0	335	779	136	109	81	0	0	136	115	76	645	1,942	1,058	3,645
2016/17	0	0	0	963	860	65	0	7	0	336	802	149	109	81	0	0	136	117	78	646	1,970	1,087	3,703
2017/18	0	0	0	966	874	65	0	7	0	337	826	162	109	81	0	0	137	120	80	648	2,000	1,116	3,764
2018/19	0	0	0	968	889	65	0	7	0	338	848	173	109	81	0	0	137	123	81	649	2,027	1,143	3,819
2019/20	0	0	0	970	902	65	0	7	0	339	855	181	109	81	0	0	137	126	83	650	2,039	1,166	3,855
2020/21	0	0	0	973	917	65	0	7	0	340	861	185	109	81	0	0	137	129	83	651	2,044	1,185	3,880

**2011
LOAD AND RESOURCE PLAN
FLORIDA RELIABILITY COORDINATING COUNCIL
SUMMARY OF EXISTING CAPACITY
AS OF JANUARY 1, 2011**

<u>UTILITY</u>	<u>NET CAPABILITY (MW)</u>	
	<u>SUMMER</u>	<u>WINTER</u>
FLORIDA KEYS ELECTRIC COOPERATIVE ASSOCIATION INC	19	19
FLORIDA MUNICIPAL POWER AGENCY	981	1,030
FLORIDA POWER & LIGHT COMPANY	21,766	22,841
FORT PIERCE UTILITIES AUTHORITIES	0	0
GAINESVILLE REGIONAL UTILITIES	608	628
HOMESTEAD ENERGY SERVICES	42	42
JEA	3,470	3,750
KEY WEST UTILITY BOARD	37	37
KISSIMMEE UTILITY AUTHORITY	287	303
LAKE WORTH UTILITIES CITY OF	86	90
LAKELAND CITY OF	913	975
NEW SMYRNA BEACH UTILITIES COMMISSION OF	67	71
OCALA UTILITY SERVICES	11	11
ORLANDO UTILITIES COMMISSION	1,497	1,569
PROGRESS ENERGY FLORIDA	9,786	11,006
REEDY CREEK IMPROVEMENT DISTRICT	60	60
SEMINOLE ELECTRIC COOPERATIVE INC	2,077	2,165
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)	46,973	50,339
FRCC EXISTING CAPACITY (Summer 11, Winter 11/12)	48,265	50,146
FIRM NON-UTILITY PURCHASES (January 1)	4,774	5,144
FIRM NON-UTILITY PURCHASES (Summer 11, Winter 11/12)	4,758	5,170
TOTAL FRCC EXISTING (January 1)	51,747	55,483
TOTAL FRCC EXISTING (Summer 11, Winter 11/12)	53,023	55,316

2011
LOAD AND RESOURCE PLAN
FLORIDA RELIABILITY COORDINATING COUNCIL
FRCC Form 1.0
EXISTING GENERATING FACILITIES AS OF JANUARY 1, 2011

(1) PLANT NAME	(2) UNIT NO.	(3) LOCATION	(4) UNIT TYPE	(5) PRIMARY FUEL		(6) ALTERNATE FUEL		(9) ALT. FUEL STORAGE (DAYS BURN)	(10) COMMERCIAL IN-SERVICE MO. / YEAR	(11) EXPECTED RETIREMENT MO. / YEAR	(12) GROSS CAPABILITY		(14) NET CAPABILITY		(16) 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	OP
MARATHON	2	MONROE	IC	DFO	TK	RFO	TK	0	6 / 1988	-- / --	2	2	2	2	OP
MARATHON	3	MONROE	IC	DFO	TK	RFO	TK	0	6 / 1955	-- / --	2.5	2.5	2.5	2.5	OP
MARATHON	6	MONROE	IC	DFO	TK	RFO	TK	0	6 / 1973	-- / --	2.5	2.5	2.5	2.5	OP
MARATHON	7	MONROE	IC	DFO	TK	RFO	TK	0	6 / 1973	-- / --	2.5	2.5	2.5	2.5	OP
MARATHON	8	MONROE	IC	DFO	TK	RFO	TK	0	1 / 1998	-- / --	3.5	3.5	3.5	3.5	OP
MARATHON	9	MONROE	IC	DFO	TK	RFO	TK	0	1 / 2001	-- / --	3.5	3.5	3.5	3.5	OP
FKE TOTAL:												19	19		
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
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	-- / --	74	75	74	75	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:												981	1,030		

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(1) PLANT NAME	(2) UNIT NO.	(3) LOCATION	(4) UNIT TYPE	(5) PRIMARY FUEL		(6) ALTERNATE FUEL		(9) ALT. FUEL STORAGE (DAYS BURN)	(10) COMMERCIAL IN-SERVICE MO. / YEAR	(11) EXPECTED RETIREMENT MO. / YEAR	(12) GROSS CAPABILITY		(14) NET CAPABILITY		(16) STATUS
				(5) FUEL TYPE	(6) TRANSP. METHOD	(6) FUEL TYPE	(7) TRANSP. METHOD				(12) SUMMER (MW)	(13) WINTER (MW)	(14) SUMMER (MW)	(15) 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	0	0	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	162	158.2	162	OP
FT. MYERS	2CTB	LEE	CT	NG	PL	---	---	0	6 / 2002	-- / --	159	162	158.2	162	OP
FT. MYERS	2CTC	LEE	CT	NG	PL	---	---	0	6 / 2002	-- / --	159	162	158.2	162	OP
FT. MYERS	2CTD	LEE	CT	NG	PL	---	---	0	6 / 2002	-- / --	159	162	158.2	162	OP
FT. MYERS	2CTE	LEE	CT	NG	PL	---	---	0	6 / 2002	-- / --	159	162	158.2	162	OP
FT. MYERS	2CTF	LEE	CT	NG	PL	---	---	0	6 / 2002	-- / --	159	162	158.2	162	OP
FT. MYERS	2ST1	LEE	CA	WH	NA	---	---	0	6 / 2002	-- / --	59	65	59	65	OP
FT. MYERS	2ST2	LEE	CA	WH	NA	---	---	0	6 / 2002	-- / --	454	473	424	451	OP
FT. MYERS	3CTA	LEE	CT	NG	PL	---	---	0	6 / 2001	-- / --	158	176	156	176	OP
FT. MYERS	3CTB	LEE	CT	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

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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	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
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	-- / --	163	171	162.7	166.5	OP
MARTIN	3GT2	MARTIN	CT	NG	PL	DFO	TK	0	2 / 1994	-- / --	163	171	162.7	166.5	OP
MARTIN	3ST	MARTIN	CC	NG	PL	NA	NA	0	2 / 1994	-- / --	148	160	143.6	156	OP
MARTIN	4GT1	MARTIN	CT	NG	PL	DFO	TK	0	4 / 1994	-- / --	163	171	162.7	166.5	OP
MARTIN	4GT2	MARTIN	CT	NG	PL	DFO	TK	0	4 / 1994	-- / --	163	171	162.7	171	OP
MARTIN	4ST	MARTIN	CC	NG	PL	NA	NA	0	4 / 1994	-- / --	148	160	143.6	156	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	--- / ---	164	175	160.2	173	OP
MARTIN	8CTB	MARTIN	CT	NG	PL	---	---	0	6 / 2005	--- / ---	164	175	160.2	173	OP
MARTIN	8CTC	MARTIN	CT	NG	PL	---	---	0	6 / 2005	--- / ---	164	180	160.2	173	OP
MARTIN	8CTD	MARTIN	CT	NG	PL	---	---	0	6 / 2005	--- / ---	164	180	160.2	173	OP
MARTIN	8ST	MARTIN	CA	WH	NA	---	---	0	6 / 2005	--- / ---	484	488	464.3	470	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	81	69.6	76	OP
PUTNAM	1GT2	PUTNAM	CT	NG	PL	DFO	WA	3	4 / 1978	--- / ---	74	81	69.6	76	OP
PUTNAM	1ST	PUTNAM	CA	WH	NA	DFO	WA	0	4 / 1978	--- / ---	121	125	109.9	114	OP
PUTNAM	2GT1	PUTNAM	CT	NG	PL	DFO	WA	3	8 / 1977	--- / ---	74	81	69.6	76	OP
PUTNAM	2GT2	PUTNAM	CT	NG	PL	DFO	WA	3	8 / 1977	--- / ---	74	81	69.6	76	OP
PUTNAM	2ST	PUTNAM	CA	WH	NA	DFO	WA	0	8 / 1977	--- / ---	121	125	109.9	114	OP
RIVIERA	3	PALM BEACH	ST	RFO	WA	NG	PL	0	6 / 1962	3 / 2011	277	280	277	280	OP
RIVIERA	4	PALM BEACH	ST	RFO	WA	NG	PL	0	3 / 1963	3 / 2011	302	306	288	291	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	159.8	174	OP
SANFORD	5CTB	VOLUSIA	CT	NG	PL	---	---	0	6 / 2002	--- / ---	161	175	159.8	174	OP
SANFORD	5CTC	VOLUSIA	CT	NG	PL	---	---	0	6 / 2002	--- / ---	161	175	159.8	174	OP
SANFORD	5CTD	VOLUSIA	CT	NG	PL	---	---	0	6 / 2002	--- / ---	161	175	159.8	174	OP
SANFORD	5ST	VOLUSIA	CA	WH	NA	---	---	0	6 / 2002	--- / ---	334	353	314.7	340	OP
SCHERER *	4	MONROE, GA	ST	BIT	RR	---	---	0	7 / 1988	--- / ---	678	684	646	652	OP
SPACE COAST	1	BREVARD	PV	PV	---	---	---	0	4 / 2010	--- / ---	10	10	0	0	EO
ST. JOHNS RIVER *	1	DUVAL	ST	BIT	RR	PC	WA	0	4 / 1987	--- / ---	132	134	127	125	OP
ST. JOHNS RIVER *	2	DUVAL	ST	BIT	RR	PC	WA	0	7 / 1988	--- / ---	133	132	127	125	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	--- / ---	777	790	714	726	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 (IR)
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	175	174	169	OP
TURKEY POINT	5CTB	DADE	CT	NG	PL	---	---	0	5 / 2007	--- / ---	175	175	174	169	OP
TURKEY POINT	5CTC	DADE	CT	NG	PL	---	---	0	5 / 2007	--- / ---	175	175	174	169	OP
TURKEY POINT	5CTD	DADE	CT	NG	PL	---	---	0	5 / 2007	--- / ---	175	175	174	169	OP
TURKEY POINT	5ST	DADE	CA	WH	NA	---	---	0	5 / 2007	--- / ---	476	521	451.2	480	OP
WEST COUNTY	CT1A	PALM BEACH	CT	NG	PL	---	---	0	8 / 2009	--- / ---	242.5	269	242.5	269	OP
WEST COUNTY	CT1B	PALM BEACH	CT	NG	PL	---	---	0	8 / 2009	--- / ---	242.5	269	242.5	269	OP
WEST COUNTY	CT1C	PALM BEACH	CT	NG	PL	---	---	0	8 / 2009	--- / ---	242.5	269	242.5	269	OP
WEST COUNTY	ST1	PALM BEACH	CA	WH	NA	---	---	0	8 / 2009	--- / ---	499	539	491.6	532	OP
WEST COUNTY	CT2A	PALM BEACH	CT	NG	PL	---	---	0	11 / 2009	--- / ---	242.5	269	242.5	269	OP
WEST COUNTY	CT2B	PALM BEACH	CT	NG	PL	---	---	0	11 / 2009	--- / ---	242.5	269	242.5	269	OP
WEST COUNTY	CT2C	PALM BEACH	CT	NG	PL	---	---	0	11 / 2009	--- / ---	242.5	269	242.5	269	OP
WEST COUNTY	ST2	PALM BEACH	CA	WH	NA	---	---	0	11 / 2009	--- / ---	499	539	491.6	532	OP
FPL TOTAL:												21,766	22,841		

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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)	
GAINESVILLE REGIONAL UTILITIES															
CRYSTAL RIVER *	3	CITRUS	ST	NUC	TK	---	---	0	3 / 1977	--- / ---	12.2	12.4	11.6	11.9	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	222	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 / 2013	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	628		
HOMESTEAD ENERGY SERVICES															
G. W. IVEY	2	DADE	IC	NG	PL	DFO	TK	100	3 / 1970	--- / ---	2	2	1.8	1.8	OP
G. W. IVEY	3	DADE	IC	NG	PL	DFO	TK	100	3 / 1970	--- / ---	2	2	1.8	1.8	OP
G. W. IVEY	8	DADE	IC	NG	PL	DFO	TK	100	1 / 1954	--- / ---	2.5	2.5	2	2	OP
G. W. IVEY	9	DADE	IC	NG	PL	DFO	TK	100	1 / 1958	--- / ---	2.5	2.5	2	2	OP
G. W. IVEY	10	DADE	IC	NG	PL	DFO	TK	100	1 / 1958	--- / ---	2.5	2.5	2	2	OP
G. W. IVEY	11	DADE	IC	NG	PL	DFO	TK	100	1 / 1965	--- / ---	3.5	3.5	3	3	OP
G. W. IVEY	12	DADE	IC	NG	PL	DFO	TK	100	1 / 1965	--- / ---	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	--- / ---	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:												42	42		

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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	4CT2	DUVAL	CT	NG	PL	DFO	TK	0	2 / 2005	-- / --	0	0	150	191	OP
BRANDY BRANCH	4CT3	DUVAL	CT	NG	PL	DFO	TK	0	2 / 2005	-- / --	0	0	150	191	OP
BRANDY BRANCH	4GT1	DUVAL	GT	NG	PL	DFO	TK	0	5 / 2001	-- / --	150.5	192.7	149.9	191.2	OP
BRANDY BRANCH	4ST	DUVAL	CA	WH	NA	DFO	TK	0	2 / 2005	-- / --	0	0	200.8	223	OP
GIRVIN LANDFILL	1-4	DUVAL	IC	LFG	PL	--	--	0	7 / 1997	-- / --	1.2	1.2	1.2	1.2	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	TK	0	4 / 2009	-- / --	150.5	192.7	149.9	191.2	OP
NORTHSIDE	1	DUVAL	ST	PC	WA	BIT	WA	0	3 / 1966	-- / --	310	310	293	293	OP
NORTHSIDE	2	DUVAL	ST	PC	WA	BIT	WA	0	6 / 1972	-- / --	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	-- / --	200	200	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:												3,470	3,750		
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) PLANT NAME	(2) UNIT NO.	(3) LOCATION	(4) UNIT TYPE	(5) PRIMARY FUEL		(6) ALTERNATE FUEL		(7) ALT. FUEL STORAGE (DAYS BURN)	(8) COMMERCIAL IN-SERVICE MO. / YEAR	(9) EXPECTED RETIREMENT MO. / YEAR	(10) GROSS CAPABILITY		(11) NET CAPABILITY		(12) STATUS	
				(13) FUEL TYPE	(14) TRANSP. METHOD	(15) FUEL TYPE	(16) TRANSP. METHOD				(17) SUMMER (MW)	(18) WINTER (MW)	(19) SUMMER (MW)	(20) WINTER (MW)		
																(21) KUA TOTAL:
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	-- / --	214	239	207	233	OP	
MCINTOSH	5ST	POLK	CA	WH	NA	--	--	0	5 / 2002	-- / --	115	121	115	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:		913	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
SWOPE STATION	2	VOLUSIA	IC	DFO	TK	---	---	0	11 / 1981	--- / ---	1	1	1	1	OP
SWOPE STATION	3	VOLUSIA	IC	DFO	TK	---	---	0	12 / 1982	--- / ---	2	2	2	2	OP
SWOPE 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	---	---	---	3 / 1977	--- / ---	11.8	12	11	11	OP
OUS 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	NA	NA	0	3 / 1977	-- / --	14	14	13	13	OP
INDIAN RIVER *	A	BREVARD	GT	NG	PL	DFO	TK	0	7 / 1989	-- / --	18.5	23.5	18	23.5	OP
INDIAN RIVER *	B	BREVARD	GT	NG	PL	DFO	TK	0	7 / 1989	-- / --	18.5	23.5	18	23.5	OP
INDIAN RIVER *	C	BREVARD	GT	NG	PL	DFO	TK	0	8 / 1992	-- / --	86	101	85.5	100.5	OP
INDIAN RIVER *	D	BREVARD	GT	NG	PL	DFO	TK	0	8 / 1992	-- / --	86	101	85.5	100.5	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	NA	NA	0	6 / 1983	-- / --	54	54	51	52	OP
STANTON *	1	ORANGE	ST	BIT	RR	NA	NA	0	7 / 1987	-- / --	320	322	302	304	OP
STANTON *	2	ORANGE	ST	BIT	RR	NA	NA	0	6 / 1996	-- / --	336	336	319	319	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	71.3	75.9	OP
STANTON B	CT	ORANGE	CT	NG	PL	DFO	TK	3	2 / 2010	-- / --	182	190	170	182	OP
STANTON B	ST	ORANGE	ST	WH	NA	DFO	TK	3	2 / 2010	-- / --	128	130	128	130	OP
OUC TOTAL:												1,497	1,569		
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	535	OP
AVON PARK	P1	HIGHLANDS	GT	NG	PL	DFO	TK	3	12 / 1968	-- / --	24	34	24	34	OP
AVON PARK	P2	HIGHLANDS	GT	DFO	TK	--	--	0	12 / 1968	-- / --	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	494	498	OP
CRYSTAL RIVER *	3	CITRUS	ST	NUC	TK	--	--	0	3 / 1977	-- / --	825	837	789	805	OP
CRYSTAL RIVER	4	CITRUS	ST	BIT	WA	BIT	RR	0	12 / 1982	-- / --	769	767	712	712	OP
CRYSTAL RIVER	5	CITRUS	ST	BIT	WA	BIT	RR	0	10 / 1984	-- / --	767	778	710	712	OP

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EXISTING GENERATING FACILITIES AS OF JANUARY 1, 2011

(1) PLANT NAME	(2) UNIT NO.	(3) LOCATION	(4) UNIT TYPE	(5) PRIMARY FUEL		(7) ALTERNATE FUEL		(9) ALT. FUEL STORAGE (DAYS BURN)	(10) COMMERCIAL IN-SERVICE MO. / YEAR	(11) EXPECTED RETIREMENT MO. / YEAR	(12) GROSS CAPABILITY		(14) NET CAPABILITY		(16) STATUS
				(5) FUEL TYPE	(6) TRANSP. METHOD	(7) FUEL TYPE	(8) TRANSP. METHOD				(12) SUMMER (MW)	(13) WINTER (MW)	(14) SUMMER (MW)	(15) WINTER (MW)	
PROGRESS ENERGY FLORIDA (cont.)															
DEBARY	P1	VOLUSIA	GT	DFO	TK	---	---	0	2 / 1976	--- / ---	53	67	53	67	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	--- / ---	49	66	49	66	OP
DEBARY	P6	VOLUSIA	GT	DFO	TK	---	---	0	4 / 1976	--- / ---	67	67	53	66	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	--- / ---	10	13	10	13	OP
G. E. TURNER	P2	VOLUSIA	GT	DFO	TK	---	---	0	10 / 1970	--- / ---	10	13	10	13	OP
G. E. TURNER	P3	VOLUSIA	GT	DFO	TK	---	---	0	8 / 1974	--- / ---	59	77	59	77	OP
G. E. TURNER	P4	VOLUSIA	GT	DFO	TK	---	---	0	8 / 1974	--- / ---	60	78	60	78	OP
HIGGINS	P1	PINELLAS	GT	NG	PL	DFO	TK	0	3 / 1969	--- / ---	25	25	25	25	OP
HIGGINS	P2	PINELLAS	GT	NG	PL	DFO	TK	0	4 / 1969	--- / ---	25	25	25	25	OS
HIGGINS	P3	PINELLAS	GT	NG	PL	DFO	TK	0	12 / 1970	--- / ---	33	36	33	36	OP
HIGGINS	P4	PINELLAS	GT	NG	PL	DFO	TK	1	1 / 1971	--- / ---	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

* Jointly Owned Unit

2011
LOAD AND RESOURCE PLAN
FLORIDA RELIABILITY COORDINATING COUNCIL
FRCC Form 1.0
EXISTING GENERATING FACILITIES AS OF JANUARY 1, 2011

(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	--- / ---	0	161	0	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	94	76	94	OP
INTERCESSION CITY	P14	OSCEOLA	GT	NG	PL	DFO	PL	0	12 / 2000	--- / ---	77	95	77	92	OP
P. L. BARTOW	4AGT	PINELLAS	CT	NG	PL	DFO	WA	0	6 / 2009	--- / ---	176	207	176	207	OP
P. L. BARTOW	4BGT	PINELLAS	CT	NG	PL	DFO	WA	0	6 / 2009	--- / ---	176	207	176	207	OP
P. L. BARTOW	4CGT	PINELLAS	CT	NG	PL	DFO	WA	0	6 / 2009	--- / ---	176	207	176	207	OP
P. L. BARTOW	4DGT	PINELLAS	CT	NG	PL	DFO	WA	0	6 / 2009	--- / ---	176	207	176	207	OP
P. L. BARTOW	4ST	PINELLAS	CA	WH	NA	NA	NA	0	6 / 2009	--- / ---	433	437	429	432	OP
P. L. BARTOW	P1	PINELLAS	GT	DFO	WA	---	---	0	5 / 1972	--- / ---	42	57	42	57	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	55	43	55	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	--- / ---	12	15	12	15	OP
SUWANNEE RIVER	1	SUWANNEE	ST	RFO	TK	NG	PL	0	11 / 1953	--- / ---	31	32	30	30	OP
SUWANNEE RIVER	2	SUWANNEE	ST	RFO	TK	NG	PL	0	11 / 1954	--- / ---	31	32	30	30	OP
SUWANNEE RIVER	3	SUWANNEE	ST	RFO	TK	NG	PL	0	10 / 1956	--- / ---	75	77	71	73	OP
SUWANNEE RIVER	P1	SUWANNEE	GT	NG	PL	DFO	TK	9	10 / 1980	--- / ---	51	67	51	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:												9,786	11,006		

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2011
LOAD AND RESOURCE PLAN
FLORIDA RELIABILITY COORDINATING COUNCIL
FRCC Form 1.0
EXISTING GENERATING FACILITIES AS OF JANUARY 1, 2011

(1) PLANT NAME	(2) UNIT NO.	(3) LOCATION	(4) UNIT TYPE	(5) PRIMARY FUEL		(6) ALTERNATE FUEL		(7) ALT. FUEL STORAGE (DAYS BURN)	(8) COMMERCIAL IN-SERVICE MO. / YEAR	(9) EXPECTED RETIREMENT MO. / YEAR	(10) GROSS CAPABILITY		(11) NET CAPABILITY		(12) STATUS	
				(13) FUEL TYPE	(14) TRANSP. METHOD	(15) FUEL TYPE	(16) TRANSP. METHOD				(17) SUMMER (MW)	(18) WINTER (MW)	(19) SUMMER (MW)	(20) WINTER (MW)		
																RCI TOTAL:
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	OP	
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	-- / --	158	172	158	172	OP	
MIDULLA GENERATING STATION	CT2	HARDEE	CT	NG	PL	DFO	TK	0	1 / 2002	-- / --	158	172	158	172	OP	
MIDULLA GENERATING STATION	ST	HARDEE	CA	WH	NA	DFO	TK	0	1 / 2002	-- / --	168	172	168	172	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:		2,077	2,165	
TALLAHASSEE CITY OF																
C. H. CORN HYDRO	1	LEON	HY	WAT	WA	WAT	--	0	9 / 1985	-- / --	0	0	0	0	OP	
C. H. CORN HYDRO	2	GADSDEN	HY	WAT	WA	WAT	--	0	8 / 1985	-- / --	0	0	0	0	OP	
C. H. CORN HYDRO	3	LEON	HY	WAT	WA	WAT	--	0	1 / 1986	-- / --	0	0	0	0	OP	
HOPKINS	1	LEON	ST	NG	PL	RFO	TK	19	5 / 1971	3 / 2020	81	85	76	78	OP	
HOPKINS	2	LEON	CT	NG	PL	DFO	TK	19	10 / 1977	-- / --	159.2	187.4	158	181	OP	
HOPKINS	2A	LEON	CA	WH	NA	DFO	TK	19	10 / 1977	-- / --	142.8	153.6	142	149	OP	
HOPKINS	GT1	LEON	GT	NG	PL	DFO	TK	8	2 / 1970	3 / 2015	12	14	12	14	OP	
HOPKINS	GT2	LEON	GT	NG	PL	DFO	TK	8	9 / 1972	3 / 2017	24	26	24	26	OP	
HOPKINS	GT3	LEON	GT	NG	PL	DFO	TK	8	9 / 2005	-- / --	49	49	46	48	OP	
HOPKINS	GT4	LEON	GT	NG	PL	DFO	TK	8	11 / 2005	-- / --	49	49	46	48	OP	
PURDOM	7	WAKULLA	ST	NG	PL	RFO	WA	19	6 / 1966	3 / 2012	51	53	48	48	OP	
PURDOM	8CT	WAKULLA	CT	NG	PL	DFO	TK	1	7 / 2000	-- / --	160.7	185.2	150	180	OP	
PURDOM	8ST	WAKULLA	CA	WH	NA	DFO	TK	1	7 / 2000	-- / --	76.3	80.8	72	78	OP	
PURDOM	GT1	WAKULLA	GT	NG	PL	DFO	TK	1	12 / 1963	3 / 2012	10	10	10	10	OP	
PURDOM	GT2	WAKULLA	GT	NG	PL	DFO	TK	1	5 / 1964	3 / 2012	10	10	10	10	OP	
												TAL TOTAL:		794	870	

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EXISTING GENERATING FACILITIES AS OF JANUARY 1, 2011

(1) PLANT NAME	(2) UNIT NO.	(3) LOCATION	(4) UNIT TYPE	(5) PRIMARY FUEL		(6) ALTERNATE FUEL		(9) ALT. FUEL STORAGE (DAYS BURN)	(10) COMMERCIAL IN-SERVICE MO. / YEAR	(11) EXPECTED RETIREMENT MO. / YEAR	(12) GROSS CAPABILITY		(13) NET CAPABILITY		(16) STATUS
				(5) FUEL TYPE	(6) TRANSP. METHOD	(7) FUEL TYPE	(8) TRANSP. METHOD				(12) SUMMER (MW)	(13) WINTER (MW)	(14) SUMMER (MW)	(15) 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	CT1	HILLSBOROUGH	GT	DFO	WA	NA	NA	0	2 / 1969	-- / --	0	0	0	0	SB
BIG BEND	CT2	HILLSBOROUGH	GT	DFO	WA	NA	NA	0	11 / 1974	-- / --	0	0	0	0	SB
BIG BEND	CT3	HILLSBOROUGH	GT	DFO	WA	NA	NA	0	11 / 1974	-- / --	0	0	0	0	SB
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
POLK	4CT	POLK	CT	NG	PL	NA	NA	0	3 / 2007	-- / --	0	0	0	0	OP

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EXISTING GENERATING FACILITIES AS OF JANUARY 1, 2011

(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>US CORPS OF ENGINEERS - MOBILE</u>															
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		
<u>VERO BEACH CITY OF</u>															
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		
FRCC TOTAL:												46,973	50,339		

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2011
LOAD AND RESOURCE PLAN
FLORIDA RELIABILITY COORDINATING COUNCIL

FRCC Form 2.0
SUMMARY OF JOINTLY OWNED GENERATING FACILITIES AS OF JANUARY 1, 2011

(1) PLANT NAME	(2) UTILS	(3) LOCATION	(4) UNIT TYPE	(5) PRIMARY FUEL		(6) ALTERNATE FUEL		(8) ALT. FUEL STORAGE (DAYS BURN)	(10) COMMERCIAL IN-SERVICE MO. / YEAR	(11) EXPECTED RETIREMENT MO. / YEAR	(12) NET CAPABILITY		(14) STATUS
				(5) FUEL TYPE	(6) TRANSP. METHOD	(7) FUEL TYPE	(8) TRANSP. METHOD				(12) SUMMER (MW)	(13) WINTER (MW)	
CANE ISLAND 1	FMPA KUA	OSCEOLA	GT	NG	PL	DFO	TK	0	11 / 1994	--- / ---	16	20	OP
											16	17	
											32	37	
CANE ISLAND 2	FMPA KUA	OSCEOLA	CC	NG	PL	DFO	TK	0	6 / 1995	--- / ---	52	54	OP
											52	54	
											104	108	
CANE ISLAND 3	FMPA KUA	OSCEOLA	CC	NG	PL	DFO	TK	0	1 / 2002	--- / ---	116	120	OP
											116	120	
											232	240	
CRYSTAL RIVER 3	GRU KUA NSB OEU OUC PEF SEC	CITRUS	ST	NUC	TK	---	---	0	3 / 1977	--- / ---	11.6	11.9	OP
											6	6	OP
											5.4	5.4	OP
											11	11	OP
											13	13	OP
											789	805	OP
											13	13	OP
849	865.3												
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	47	OP
											82.8	108.2	
INDIAN RIVER C-D	FMPA OUC	BREVARD	GT	NG	PL	DFO	TK	0	8 / 1992	--- / ---	44.7	52.7	OP
											171	201	OP
											215.7	253.7	
INTERCESSION CITY P11 <i>(Summer capacity owned by Georgia Power)</i>	PEF	OSCEOLA	GT	DFO	PL	---	---	0	1 / 1997	--- / ---	143	161	OP

2011
LOAD AND RESOURCE PLAN
FLORIDA RELIABILITY COORDINATING COUNCIL

FRCC Form 2.0
SUMMARY OF JOINTLY OWNED GENERATING FACILITIES AS OF JANUARY 1, 2011

(1) PLANT NAME	(2) UTILS	(3) LOCATION	(4) UNIT TYPE	(5) PRIMARY FUEL		(6) ALTERNATE FUEL		(9) ALT. FUEL STORAGE (DAYS BURN)	(10) COMMERCIAL IN-SERVICE MO. / YEAR	(11) EXPECTED RETIREMENT MO. / YEAR	(12) NET CAPABILITY		(14) STATUS
				(5) FUEL TYPE	(6) TRANSP. METHOD	(6) FUEL TYPE	(7) TRANSP. METHOD				(12) SUMMER (MW)	(13) WINTER (MW)	
MCINTOSH 3	LAK OUC	POLK	ST	BIT	RR	---	---	0	9 / 1982	-- / --	205	205	OP
											133	136	
											338	341	
SCHERER 4	FPL JEA	MONROE, GA	ST	BIT	RR	---	---	0	7 / 1988	-- / --	646	652	OP
											194	194	
											840	846	
ST. JOHNS RIVER 1	FPL JEA	DUVAL	ST	BIT	RR	PC	WA	0	4 / 1987	-- / --	127	125	OP
											501	510	
											628	635	
ST. JOHNS RIVER 2	FPL JEA	DUVAL	ST	BIT	RR	PC	WA	0	7 / 1988	-- / --	127	125	OP
											501	510	
											628	635	
ST. LUCIE 2	FMPA FPL OUC	ST. LUCIE	ST	NUC	TK	---	---	0	6 / 1983	-- / --	74	75	OP
											714	726	
											51	52	
											839	853	
STANTON 1	FMPA KUA OUC	ORANGE	ST	BIT	RR	---	---	0	7 / 1987	-- / --	117	118	OP
											21	21	
											302	304	
											440	443	
STANTON 2	FMPA OUC	ORANGE	ST	BIT	RR	---	---	0	6 / 1996	-- / --	127	127	OP
											319	319	
											446	446	
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	
											495.9	528.1	
											619.9	656.1	

2011
LOAD AND RESOURCE PLAN
FLORIDA RELIABILITY COORDINATING COUNCIL
FRCC Form 1.1

PLANNED AND PROSPECTIVE GENERATING FACILITY ADDITIONS AND CHANGES
(JANUARY 1, 2011 THROUGH DECEMBER 31, 2020)

(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>2011</u>															
FPL	ST. LUCIE	2	ST LUCIE	ST	NUC	TK	---	---	0	1 / 2011	-777	-790	-714	-726	OS (U)
FPL	RIVIERA	3	PALM BEACH	ST	RFO	WA	NG	PL	0	3 / 2011	-277	-280	-277	-280	RT
FPL	RIVIERA	4	PALM BEACH	ST	RFO	WA	NG	PL	---	3 / 2011	-302	-306	-288	-291	RT
FPL	SCHERER	4	MONROE	ST	BIT	RR	---	---	0	3 / 2011	-1	-1	26	26	A
FMPA	ST. LUCIE	2	ST LUCIE	ST	NUC	TK	---	---	---	4 / 2011	3	3	3	3	A
FPL	ST. LUCIE	2	ST LUCIE	ST	NUC	TK	---	---	0	4 / 2011	17	17	17	17	A
FPL	ST. LUCIE	2	ST LUCIE	ST	NUC	TK	---	---	0	4 / 2011	777	790	714	726	OP (U)
NSB	CRYSTAL RIVER	3	CITRUS	ST	NUC	TK	---	---	---	4 / 2011	1	1	1	1	A
OUC	CRYSTAL RIVER	3	CITRUS	ST	NUC	TK	NA	NA	---	4 / 2011	0.1	0.1	0.1	0.1	A
PEF	CRYSTAL RIVER	3	CITRUS	ST	NUC	TK	---	---	---	4 / 2011	4	4	4	4	A
SEC	CRYSTAL RIVER	3	CITRUS	ST	NUC	TK	---	---	---	4 / 2011	0	0	2	2	A
FMPA	CANE ISLAND	4	OSCEOLA	CC	NG	PL	DFO	TK	0	5 / 2011	300	330	300	330	V
FPL	WEST COUNTY	3GT1	PALM BEACH	CT	NG	PL	DFO	TK	0	6 / 2011	240	258	240	258	U
FPL	WEST COUNTY	3GT2	PALM BEACH	CT	NG	PL	DFO	TK	0	6 / 2011	240	258	240	258	U
FPL	WEST COUNTY	3GT3	PALM BEACH	CT	NG	PL	DFO	TK	0	6 / 2011	240	258	240	258	U
FPL	WEST COUNTY	3ST	PALM BEACH	CA	WH	PL	DFO	TK	0	6 / 2011	500	540	500	540	U
JEA	GREENLAND ENERGY CENTER	1	DUVAL	GT	NG	PL	DFO	TK	0	6 / 2011	142	188	142	188	V
JEA	GREENLAND ENERGY CENTER	2	DUVAL	GT	NG	PL	DFO	TK	0	6 / 2011	142	188	142	188	V
FPL	MANATEE	2	MANATEE	ST	RFO	WA	NG	PL	---	10 / 2011	-847	-857	-812	-822	OS (M)
FPL	ST. LUCIE	1	ST LUCIE	ST	NUC	TK	---	---	---	11 / 2011	-878	-893	-839	-853	OS (U)
2011 TOTAL:												-359	-173		
<u>2012</u>															
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	TURKEY POINT	3	DADE	ST	NUC	TK	---	---	---	1 / 2012	-726	-751	-693	-717	OS (U)
FPL	ST. LUCIE	1	ST LUCIE	ST	NUC	TK	---	---	---	3 / 2012	878	893	839	853	OP (U)
FPL	ST. LUCIE	1	ST LUCIE	ST	NUC	TK	---	---	0	3 / 2012	122	122	122	122	A
TAL	PURDOM	7	WAKULLA	ST	NG	PL	RFO	TK	19	3 / 2012	-51	-53	-48	-48	RT
TAL	PURDOM	GT1	WAKULLA	GT	NG	PL	DFO	TK	1	3 / 2012	-10	-10	-10	-10	RT
TAL	PURDOM	GT2	WAKULLA	GT	NG	PL	DFO	TK	1	3 / 2012	-10	-10	-10	-10	RT

2011
LOAD AND RESOURCE PLAN
FLORIDA RELIABILITY COORDINATING COUNCIL
FRCC Form 1.1

PLANNED AND PROSPECTIVE GENERATING FACILITY ADDITIONS AND CHANGES
(JANUARY 1, 2011 THROUGH DECEMBER 31, 2020)

(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 (cont.)</u>															
FPL	MANATEE	2	MANATEE	ST	RFO	WA	NG	PL	0	5 / 2012	847	857	812	822	OP (M)
GRU	DEERHAVEN	FS02	ALACHUA	ST	BIT	RR	---	---	0	5 / 2012	0	0	9.1	9.1	A
FPL	TURKEY POINT	3	DADE	ST	NUC	TK	---	---	---	6 / 2012	726	751	693	717	OP (U)
FPL	TURKEY POINT	3	DADE	ST	NUC	TK	---	---	0	6 / 2012	109	109	109	109	A
OUC	ST. LUCIE	2	ST LUCIE	ST	NUC	TK	NA	NA	0	6 / 2012	6.3	6.3	6.3	6.3	A
FPL	MANATEE	1	MANATEE	ST	RFO	WA	NG	PL	0	9 / 2012	-847	-857	-812	-822	OS (M)
FPL	ST. LUCIE	2	ST LUCIE	ST	NUC	TK	---	---	0	9 / 2012	93	93	93	93	A
FMPA	ST. LUCIE	2	ST LUCIE	ST	NUC	TK	---	---	---	10 / 2012	8.5	8.5	8.5	8.5	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:												1,119	1,133		
<u>2013</u>															
SEC	MIDULLA GENERATING STATION	CT1	HARDEE	CT	NG	PL	DFO	TK	0	1 / 2013	2	11	2	11	A
SEC	MIDULLA GENERATING STATION	CT2	HARDEE	CT	NG	PL	DFO	TK	0	1 / 2013	2	11	2	11	A
FPL	TURKEY POINT	4	DADE	ST	NUC	TK	---	---	---	2 / 2013	109	109	109	109	A
OUC	CRYSTAL RIVER	3	CITRUS	ST	NUC	TK	NA	NA	0	5 / 2013	2.6	2.6	2.6	2.6	A
PEF	CRYSTAL RIVER	3	CITRUS	ST	NUC	TK	---	---	0	5 / 2013	151	151	151	151	A
SEC	CRYSTAL RIVER	3	CITRUS	ST	NUC	TK	---	---	0	5 / 2013	1.7	1.7	2	2	A
TEC	FUTURE	CT1	HILLSBOROUGH	GT	NG	PL	NA	NA	0	5 / 2013	57	62	56	61	P
TEC	FUTURE	CT2	HILLSBOROUGH	GT	NG	PL	NA	NA	0	5 / 2013	57	62	56	61	P
TEC	FUTURE	CT3	HILLSBOROUGH	GT	NG	PL	NA	NA	0	5 / 2013	57	62	56	61	P
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)
GRU	J. R. KELLY	FS07	ALACHUA	ST	NG	PL	RFO	TK	0	10 / 2013	-24	-24	-23.2	-23.2	RT
2013 TOTAL:												1,609	1,791		

2011
LOAD AND RESOURCE PLAN
FLORIDA RELIABILITY COORDINATING COUNCIL
FRCC Form 1.1

PLANNED AND PROSPECTIVE GENERATING FACILITY ADDITIONS AND CHANGES
(JANUARY 1, 2011 THROUGH DECEMBER 31, 2020)

(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															
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)
TEC	FUTURE	CT4	HILLSBOROUGH	GT	NG	PL	NA	NA	0	5 / 2014	57	62	56	61	P
FPL	RIVIERA BEACH ENERGY CTR	1	PALM BEACH	CC	NG	PL	DFO	PL	0	6 / 2014	1212	1344	1212	1344	T
FPL	MARTIN	2	MARTIN	ST	RFO	PL	NG	PL	---	12 / 2014	858	865	826	832	OP (M)
2014 TOTAL:												2,094	2,237		
2015															
TAL	HOPKINS	GT1	LEON	GT	NG	PL	DFO	TK	8	3 / 2015	-12	-14	-12	-14	RT
TEC	FUTURE	CT5	UNKNOWN	GT	NG	PL	NA	NA	0	5 / 2015	57	62	56	61	P
2015 TOTAL:												44	47		
2016															
TEC	FUTURE	CT6	UNKNOWN	GT	NG	PL	NA	NA	0	5 / 2016	57	62	56	61	P
FPL	GREENFIELD	1	UNKNOWN	CC	NG	PL	DFO	PL	0	6 / 2016	1191	1351	1191	1351	P
PEF	SUWANNEE RIVER	1	SUWANNEE	ST	RFO	TK	NG	PL	0	6 / 2016	-31	-32	-30	-30	SB
PEF	SUWANNEE RIVER	2	SUWANNEE	ST	RFO	TK	NG	PL	0	6 / 2016	-31	-32	-30	-30	SB
PEF	SUWANNEE RIVER	3	SUWANNEE	ST	RFO	TK	NG	PL	0	6 / 2016	-75	-77	-71	-73	SB
2016 TOTAL:												1,116	1,279		
2017															
TAL	HOPKINS	GT2	LEON	GT	NG	PL	DFO	TK	8	3 / 2017	-24	-26	-24	-26	RT
OUC	STANTON ENERGY CENTER	C	ORANGE	GT	NG	PL	DFO	TK	3	4 / 2017	195	205	185	195	P
TEC	FUTURE	CT7	UNKNOWN	GT	NG	PL	NA	NA	0	5 / 2017	57	62	56	61	P
2017 TOTAL:												217	230		

2011
LOAD AND RESOURCE PLAN
FLORIDA RELIABILITY COORDINATING COUNCIL
FRCC Form 1.1
PLANNED AND PROSPECTIVE GENERATING FACILITY ADDITIONS AND CHANGES
(JANUARY 1, 2011 THROUGH DECEMBER 31, 2020)

(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>															
GRU	J. R. KELLY	GT01	ALACHUA	GT	NG	PL	DFO	TK	---	2 / 2018	-14	-15	-14	-15	RT
TEC	FUTURE	CT8	UNKNOWN	GT	NG	PL	NA	NA	0	5 / 2018	57	62	56	61	P
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:												186	211		
<u>2019</u>															
GRU	J. R. KELLY	GT03	ALACHUA	GT	NG	PL	DFO	TK	---	5 / 2019	-14	-15	-14	-15	RT
SEC	UNNAMED CT	2	GILCHRIST	CT	NG	PL	DFO	TK	0	5 / 2019	158	180	158	180	P
SEC	UNNAMED CT	3	GILCHRIST	CT	NG	PL	DFO	TK	0	5 / 2019	158	180	158	180	P
TEC	FUTURE	CC1	POLK	CC	NG	PL	NA	NA	0	5 / 2019	366	331	366	331	P
2019 TOTAL:												668	676		
<u>2020</u>															
TAL	HOPKINS	1	LEON	ST	NG	PL	RFO	TK	19	3 / 2020	-81	-85	-76	-78	RT
TAL	HOPKINS	CT5	LEON	CT	NG	PL	DFO	TK	8	5 / 2020	49	49	46	48	P
FPL	GREENFIELD	2	UNKNOWN	CC	NG	PL	DFO	PL	0	6 / 2020	1351	1191	1351	1191	P
PEF	UNKNOWN	1	UNKNOWN	GT	NG	PL	DFO	UN	0	6 / 2020	178	205	178	205	P
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	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
SEC	UNNAMED CT	6	GILCHRIST	CT	NG	PL	DFO	TK	0	12 / 2020	158	180	158	180	P
2020 TOTAL:												2,365	2,360		
FRCC FUTURE TOTAL:												9,059	9,791		

**2011
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)
2011	47,543	866	1,343	143	4,758	54,366	46,091	8,275	18%	42,945	11,421	27%
2012	48,476	866	1,343	143	5,010	55,551	46,658	8,893	19%	43,389	12,162	28%
2013	48,643	866	1,373	143	5,087	55,826	47,446	8,380	18%	44,056	11,770	27%
2014	49,888	866	1,423	143	4,208	56,242	48,228	8,014	17%	44,787	11,455	26%
2015	50,758	866	1,473	143	4,299	57,253	49,278	7,975	16%	45,770	11,483	25%
2016	51,874	866	180	143	4,527	57,304	50,036	7,268	15%	46,496	10,808	23%
2017	52,091	866	200	143	4,557	57,571	50,833	6,738	13%	47,227	10,344	22%
2018	52,133	866	200	143	4,561	57,616	51,377	6,239	12%	47,707	9,909	21%
2019	52,945	866	200	143	4,190	58,058	52,186	5,872	11%	48,463	9,595	20%
2020	54,444	866	200	143	4,108	59,475	53,083	6,392	12%	49,297	10,178	21%

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

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
YEAR	INSTALLED CAPACITY		FIRM INTERCHANGE		FIRM	TOTAL	TOTAL PEAK DEMAND (MW)	RESERVE MARGIN W/O EXERCISING LOAD MANAGEMENT & INT.		NET FIRM 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)
2011 / 12	49,274	872	1,343	0	5,170	56,659	47,613	9,046	19%	44,196	12,463	28%
2012 / 13	50,449	872	1,343	0	5,490	58,154	48,276	9,878	20%	44,750	13,404	30%
2013 / 14	51,386	872	1,373	0	5,427	59,058	48,889	10,169	21%	45,350	13,708	30%
2014 / 15	54,441	872	1,423	0	4,509	61,245	49,534	11,711	24%	45,923	15,322	33%
2015 / 16	54,502	872	592	0	4,577	60,543	50,148	10,395	21%	46,503	14,040	30%
2016 / 17	55,755	872	200	0	4,840	61,667	50,812	10,855	21%	47,109	14,558	31%
2017 / 18	55,996	872	200	0	4,858	61,926	51,408	10,518	20%	47,644	14,282	30%
2018 / 19	56,222	872	200	0	4,738	62,032	52,088	9,944	19%	48,269	13,763	29%
2019 / 20	56,820	872	200	0	4,406	62,298	52,784	9,514	18%	48,929	13,369	27%
2020 / 21	59,258	872	200	0	4,407	64,737	53,415	11,322	21%	49,528	15,209	31%

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

2011
FRCC Form 11
CONTRACTED FIRM IMPORTS AND FIRM EXPORTS
FROM/TO OUTSIDE THE FRCC REGION AT TIME OF PEAK (MW)
AS OF JANUARY 1, 2011

SUMMER

<u>YEAR</u>	<u>IMPORTS</u>					<u>EXPORTS</u>					<u>NET INTER-</u>	
	<u>FPL</u>	<u>PEF</u>	<u>JEA</u>	_____	_____	<u>TOTAL</u>	<u>PEF</u>	_____	_____	_____	<u>TOTAL</u>	<u>CHANGE</u>
2011	931	412	0			1,343	143				143	1,200
2012	931	412	0			1,343	143				143	1,200
2013	931	412	30			1,373	143				143	1,230
2014	931	412	80			1,423	143				143	1,280
2015	931	412	130			1,473	143				143	1,330
2016	0	0	180			180	143				143	37
2017	0	0	200			200	143				143	57
2018	0	0	200			200	143				143	57
2019	0	0	200			200	143				143	57
2020	0	0	200			200	143				143	57

WINTER

<u>YEAR</u>	<u>IMPORTS</u>					<u>EXPORTS</u>					<u>NET INTER-</u>	
	<u>FPL</u>	<u>PEF</u>	<u>JEA</u>	_____	_____	<u>TOTAL</u>	<u>PEF</u>	_____	_____	_____	<u>TOTAL</u>	<u>CHANGE</u>
2011 / 12	931	412	0			1,343	0				0	1,343
2012 / 13	931	412	0			1,343	0				0	1,343
2013 / 14	931	412	30			1,373	0				0	1,373
2014 / 15	931	412	80			1,423	0				0	1,423
2015 / 16	0	412	180			592	0				0	592
2016 / 17	0	0	200			200	0				0	200
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

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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, 2010

(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)							
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	3.8	3.8	---	---	4	4	3.8	3.8	IC	LFG	---	12 / 2008	C		
			GRU TOTAL:	3.8	3.8	0.0	0.0											
JEA																		
	ANHEUSER BUSCH		DUVAL	0.0	0.0	0.0	0.0	---	---	8	9	ST	NG	---	4 / 1988	NC		
	BAPTIST HOSPITAL		DUVAL	0.0	0.0	0.0	1.0	---	---	3	3	ST	NG	---	10 / 1982	NC		
	RING POWER LANDFILL		DUVAL	0.0	0.0	1.0	1.0	---	---	1	1	ST	NG	---	4 / 1992	NC		
	ST. VINCENTS HOSPITAL		DUVAL	0.0	0.0	0.0	0.0	---	---	1	1	ST	NG	---	12 / 1991	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	1.0	2.0											

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FLORIDA RELIABILITY COORDINATING COUNCIL

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EXISTING NON-UTILITY, QF, AND SELF SERVICE GENERATION FACILITIES
AS OF DECEMBER 31, 2010

(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	WIN	SUM	WIN		SUM	WIN			PRI	ALT
				SUM	WIN	SUM	WIN	SUM	WIN	SUM	WIN							
				(MW)	(MW)	(MW)	(MW)	(MW)	(MW)	(MW)	(MW)							
PROGRESS ENERGY FLORIDA																		
	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	C		
	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	98	98	97	97	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											
REEDY CREEK IMPROVEMENT DISTRICT																		
	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											

2011
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FLORIDA RELIABILITY COORDINATING COUNCIL

FRCC Form 3.0
EXISTING NON-UTILITY, QF, AND SELF SERVICE GENERATION FACILITIES
AS OF DECEMBER 31, 2010

(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	WIN	SUM	WIN											
				(MW)	(MW)	(MW)	(MW)											
SEMINOLE ELECTRIC COOPERATIVE INC																		
	BREVARD LANDFILL	1	BREVARD	9.0	9.0	---	---	9	9	9	9	OT	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	71.0	90.0	---	---	71	90	71	90	CT	NG	DFO	1 / 1993	C		
	HARDEE POWER STATION	CT1B	HARDEE	71.0	90.0	---	---	71	90	71	90	CT	NG	DFO	1 / 1993	C		
	HARDEE POWER STATION	ST1	HARDEE	77.0	86.0	---	---	77	86	77	86	CA	WH	DFO	1 / 1993	C		
	HARDEE POWER STATION	CT2A	HARDEE	71.0	90.0	---	---	71	90	71	90	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	19.0	19.0	0.0	0.0	21	21	21	21	ST	MSW	NA	6 / 1985	C		
	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	0	0	0	0	ST	MSW	NA	4 / 1987	C		
	MILLPOINT	1-3	HILLSBOROUGH	0.0	0.0	7.0	7.0	44	44	44	44	OT	WH	NG	12 / 1995	NC		
	NEW WALES	1-2	POLK	0.0	0.0	5.0	5.0	65	65	65	65	ST	WH	NA	12 / 1984	NC		
	ORANGE COGEN	1	POLK	23.0	23.0	0.0	0.0	23	23	23	23	CT	NG	NA	1 / 1995	C		
	RIDGEWOOD	1-2	HILLSBOROUGH	0.0	0.0	6.0	6.0	77	77	77	77	ST	WH	NA	10 / 1992	NC		
	SOUTH PIERCE	1-2	POLK	0.0	0.0	1.5	1.5	23	23	23	23	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:	42.0	42.0	22.9	22.9											
			FRCC TOTAL:	1,789.7	1,860.7	185.9	196.7	(UNCOMMITTED TOTAL EXCLUDES MERCHANT FACILITIES)										

2011
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, 2011 THROUGH DECEMBER 31, 2020

(1)	(2)	(3)	(4)	(5)				(6)		(7)		(8)		(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)				
				POTENTIAL EXPORT TO GRID				GROSS		NET		UNIT	FUEL TYPE										COMMERCIAL IN-SERVICE/ RETIREMENT/ OR CHANGE IN CONTRACT	CONTRACT STATUS		
				AT TIME OF PEAK				CAPABILITY		CAPABILITY			PRI												ALT	MO / YEAR
				FIRM		UNCOMMITTED		SUM	WIN	SUM	WIN		SUM												WIN	
SUM	WIN	SUM	WIN	(MW)	(MW)	(MW)	(MW)	(MW)	(MW)	(MW)	(MW)															
<u>2011</u>																										
TEC	CITY OF TAMPA REFUSE-TO-ENERGY	1	HILLSBOROUGH	-19.0	-19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	ST	MSW	---	7 / 2011	CE									
SEC	CITY OF TAMPA REFUSE-TO-ENERGY	1	HILLSBOROUGH	20.0	20.0	---	---	20.0	20.0	20.0	20.0	20.0	ST	MSW	---	8 / 2011	C									
<u>2012</u>																										
JEA	TRAILRIDGE	2	DUVAL	9.0	9.0	---	---	9.0	9.0	9.0	9.0	9.0	IC	LFG	---	1 / 2012	C									
FPL	PALM BEACH COUNTY	1	PALM BEACH	55.0	55.0	---	---	55.0	55.0	55.0	55.0	55.0	OT	MSW	---	4 / 2012	C									
SEC	HARDEE POWER STATION	CT1A	HARDEE	-71.0	-90.0	---	---	-71.0	-90.0	-71.0	-90.0	-90.0	CT	NG	DFO	12 / 2012	CE									
SEC	HARDEE POWER STATION	CT1B	HARDEE	-71.0	-90.0	---	---	-71.0	-90.0	-71.0	-90.0	-90.0	CT	NG	DFO	12 / 2012	CE									
SEC	HARDEE POWER STATION	ST1	HARDEE	-77.0	-86.0	---	---	-77.0	-86.0	-77.0	-86.0	-86.0	CA	WH	DFO	12 / 2012	CE									
SEC	HARDEE POWER STATION	CT2A	HARDEE	-71.0	-90.0	---	---	-71.0	-90.0	-71.0	-90.0	-90.0	CT	NG	DFO	12 / 2012	CE									
<u>2013</u>																										
PEF	BG&E	1	UNKNOWN	45.0	45.0	0.0	0.0	45.0	45.0	45.0	45.0	45.0	ST	AB	---	1 / 2013	C									
SEC	SRF	1	HENDRY	25.0	25.0	---	---	25.0	25.0	25.0	25.0	25.0	ST	AB	---	1 / 2013	C									
PEF	UNKNOWN	1	UNKNOWN	40.0	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	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	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	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	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	8.5	CA	NG	DFO	12 / 2013	CE									
<u>2014</u>																										
RCI	ORLANDO COGEN	1	ORANGE	-35.0	-35.0	35.0	35.0	125.2	135.0	123.2	133.0	133.0	CS	NG	NA	1 / 2014	CE									
GRU	GVL RENEWABLE ENERGY	1	ALACHUA	100.0	100.0	---	---	116.0	116.0	100.0	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	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	55.0	ST	MSW	---	1 / 2014	I									
PEF	LAKE COUNTY RES. RECOV.	1	LAKE	-12.8	-12.8	12.8	12.8	14.8	14.8	12.8	12.8	12.8	ST	MSW	---	6 / 2014	CE									

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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, 2011 THROUGH DECEMBER 31, 2020

(1) UTIL	(2) FACILITY NAME	(3) UNIT NO.	(4) LOCATION	(5) POTENTIAL EXPORT TO GRID AT TIME OF PEAK				(9) GROSS CAPABILITY		(11) NET CAPABILITY		(13) UNIT TYPE	(14) FUEL TYPE		(16) COMMERCIAL IN-SERVICE/ RETIREMENT/ OR CHANGE IN CONTRACT MO / YEAR	(17) CONTRACT STATUS		
				FIRM		UNCOMMITTED		SUM	WIN	SUM	WIN		SUM	WIN			PRI	ALT
				(MW)	(MW)	(MW)	(MW)	(MW)	(MW)	(MW)	(MW)		(MW)	(MW)				
<u>2015</u>																		
FPL	PALM BEACH COUNTY	1	PALM BEACH	90.0	90.0	---	---	90.0	90.0	90.0	90.0	OT	MSW	---	4 / 2015	C		
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		
<u>2016</u>																		
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>																		
PEF	UNKNOWN	1	UNKNOWN	16.0	16.0	---	---	16.0	16.0	16.0	16.0	OT	WDS	WDS	1 / 2017	C		
SEC	LEE COUNTY RES. RECOV.	1	LEE	50.0	55.0	---	---	50.0	55.0	50.0	55.0	ST	MSW	---	1 / 2017	C		
PEF	UNKNOWN	3	UNKNOWN	16.0	16.0	---	---	16.0	16.0	16.0	16.0	OT	WDS	WDS	6 / 2017	C		
<u>2018</u>																		
PEF	UNKNOWN	2	UNKNOWN	16.0	16.0	---	---	16.0	16.0	16.0	16.0	OT	WDS	WDS	2 / 2018	C		
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>																		
NO ENTRIES																		

**2011
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)
2011	1,789.7	204.9	2011/12	1,870.7	215.7
2012	1,854.7	204.9	2012/13	1,639.7	215.7
2013	1,634.7	314.9	2013/14	1,575.5	553.7
2014	1,552.7	555.7	2014/15	1,562.7	566.5
2015	1,642.7	555.7	2015/16	1,629.7	589.5
2016	1,619.7	578.7	2016/17	1,645.7	644.5
2017	1,651.7	628.7	2017/18	1,661.7	659.7
2018	1,652.5	643.9	2018/19	1,662.5	659.7
2019	1,652.5	643.9	2019/20	1,662.5	659.7
2020	1,652.5	643.9	2020/21	1,662.5	659.7

2011
LOAD AND RESOURCE PLAN
FLORIDA RELIABILITY COORDINATING COUNCIL
FRCC Form 12
SUMMARY OF FIRM CAPACITY AND ENERGY CONTRACTS
AS OF JANUARY 1, 2011

(1) PURCHASING ENTITY	(2) SELLING ENTITY	(3) CONTRACT TERM		(5) CONTRACT CAPACITY		(7) PRIMARY FUEL	(8) DESCRIPTION
		(4) FROM (MM/DD/YY)	(4) TO (MM/DD/YY)	(5) SUMMER (MW)	(6) WINTER (MW)		
FKE	FPL	01/01/92	12/31/11	110	110	NA	FKEC committed to purchase PR of capacity and energy from FPL. Contract limits FKEC to 120.8 MW.
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
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	JEA	03/01/87	03/31/16	375	383	BIT	Unit Power Sales - Firm Contract
FPL	SOU	06/01/10	12/31/15	931	931	BIT	Unit Power Sales - Firm Contract
GRU	A.R.	12/31/13	12/31/43	100	100	WDS	American Renewables. Woody waste fueled biomass unit. Contract executed; needed permissions in process.
GRU	FIT09	03/01/09	02/28/29	1.4	0.4	SUN	Feed In Tariff. 35% (1.4 MW) projected available at Summer Peak, and 9.3% (0.37 MW) available at Winter Peak
GRU	FIT10	01/01/10	12/31/29	1.4	0.4	SUN	Feed In Tariff. 35% (1.4 MW) projected available at Summer Peak, and 9.3% (0.37 MW) available at Winter Peak
GRU	FIT11	01/01/11	12/31/30	1.4	0.4	SUN	Feed In Tariff. 35% (1.4 MW) projected available at Summer Peak, and 9.3% (0.37 MW) available at Winter Peak
GRU	FIT12	01/01/12	12/31/31	0.7	0.2	SUN	Feed In Tariff. 35% (0.7 MW) projected available at Summer Peak, and 9.3% (0.19 MW) available at Winter Peak
GRU	FIT13	01/01/13	12/31/32	0.7	0.2	SUN	Feed In Tariff. 35% (0.7 MW) projected available at Summer Peak, and 9.3% (0.19 MW) available at Winter Peak
GRU	FIT14	01/01/14	12/31/33	0.7	0.2	SUN	Feed In Tariff. 35% (0.7 MW) projected available at Summer Peak, and 9.3% (0.19 MW) available at Winter Peak
GRU	FIT15	01/01/15	12/31/34	0.7	0.2	SUN	Feed In Tariff. 35% (0.7 MW) projected available at Summer Peak, and 9.3% (0.19 MW) available at Winter Peak
GRU	FIT16	01/01/16	12/31/35	0.7	0.2	SUN	Feed In Tariff. 35% (0.7 MW) projected available at Summer Peak, and 9.3% (0.19 MW) available at Winter Peak
GRU	FIT17	01/01/17	12/31/36	0.7	0.2	SUN	Feed In Tariff. 35% (0.7 MW) projected available at Summer Peak, and 9.3% (0.19 MW) available at Winter Peak
GRU	FIT18	01/01/18	12/31/37	0.7	0.2	SUN	Feed In Tariff. 35% (0.7 MW) projected available at Summer Peak, and 9.3% (0.19 MW) available at Winter Peak
GRU	FIT19	01/01/19	12/31/38	0.7	0.2	SUN	Feed In Tariff. 35% (0.7 MW) projected available at Summer Peak, and 9.3% (0.19 MW) available at Winter Peak
GRU	G2 U1&2	01/01/09	12/31/23	3	3	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 original 3 MW contract and will be blended for same end date as contract and TSR.
GRU	PEF	01/01/09	12/31/13	49	49	OTH	2.12% Losses deducted from Net Capability for Reserve Margin calculation.
UNK	GRU	01/01/14	12/31/23	50	50		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	

2011
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FLORIDA RELIABILITY COORDINATING COUNCIL
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SUMMARY OF FIRM CAPACITY AND ENERGY CONTRACTS
AS OF JANUARY 1, 2011

(1) PURCHASING ENTITY	(2) SELLING ENTITY	(3) CONTRACT TERM		(5) CONTRACT CAPACITY		(7) PRIMARY FUEL	(8) DESCRIPTION
		(4) FROM (MM/DD/YY)	(4) TO (MM/DD/YY)	(5) SUMMER (MW)	(6) WINTER (MW)		
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	12/31/21	0	0	SUN	Represents OUC Solar PV PPA. Energy with no capacity value.
OUC	OTH	01/01/11	09/30/11	5	5	LFG	LFG PPA
OUC	OTH	10/01/11	09/30/13	7	7	LFG	LFG PPA
OUC	OTH	10/01/13	09/30/15	8	8	LFG	LFG PPA
OUC	OTH	10/01/15	09/30/17	9	9	LFG	LFG PPA
OUC	OTH	10/01/17	09/30/20	11	11	LFG	LFG PPA
OUC	OTH	10/01/20	09/30/21	12	12	LFG	LFG PPA
OUC	OTH	01/01/13	12/31/21	5	5	WDS	Harmony biomass project
OUC	SOU	01/01/03	10/01/23	322	343	NG	OUC PPA with SOU for Stanton A capacity.
PEF	GON	06/01/10	05/31/11	154	160	NG	Vandolah
PEF	GON	06/01/11	05/31/12	308	319	NG	Vandolah
PEF	GE	04/01/07	04/30/24	478	520	NG	Shady Hills PPA
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	BIT	Southern UPS Extension
PEF	TEC	01/01/05	02/28/11	70	70	NG	Partial Requirements - Firm AR-1 period: 1/1/2005 - 2/28/2011 Included in PEFs Reserve Margin
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	01/01/11	12/31/11	84	44	NA	Firm Base Load Purchase for the period 2011-2015. This is a reserved product.
RCI	PEF	01/01/11	12/31/11	23	23	NA	Firm Base Load Purchase for the period 2011-2012. This is a reserved product.
RCI	PEF	01/01/12	12/31/12	86	48	NA	Firm Base Load Purchase for the period 2011-2015. This is a reserved product.
RCI	PEF	01/01/12	12/31/12	24	24	NA	Firm Base Load Purchase for the period 2011-2012. This is a reserved product.
RCI	PEF	01/01/13	12/31/13	88	49	NA	Firm Base Load Purchase for the period 2011-2015. This is a reserved product.
RCI	PEF	01/01/14	12/31/14	119	85	NA	Firm Base Load Purchase for the period 2011-2015. This is a reserved product.
RCI	PEF	01/01/15	12/31/15	120	85	NA	Firm Base Load Purchase for the period 2011-2015. This is a reserved product.
RCI	TOMOKA	01/01/11	12/31/16	3	3	LFG	Tomoka. landfill gas
RCI	TBD	01/01/13	12/31/13	26	26	NA	Undetermined Contract. This is a reserved product.
RCI	TBD	01/01/14	12/31/14	29	29	NA	Undetermined Contract. This is a reserved product.

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		(4) FROM (MM/DD/YY)	(4) TO (MM/DD/YY)	(5) SUMMER (MW)	(5) WINTER (MW)		
RCI	TBD	01/01/15	12/31/15	30	30	NA	Undetermined Contract. This is a reserved product.
RCI	TBD	01/01/16	12/31/16	151	114	NA	Undetermined Contract. This is a reserved product.
RCI	TBD	01/01/17	12/31/17	155	118	NA	Undetermined Contract. This is a reserved product.
RCI	TBD	01/01/18	12/31/18	156	118	NA	Undetermined Contract. This is a reserved product.
RCI	TBD	01/01/19	12/31/19	157	119	NA	Undetermined Contract. This is a reserved product.
RCI	TBD	01/01/20	12/31/20	158	120	NA	Undetermined Contract. This is a reserved product.
RCI	TBD	01/01/21	12/31/21	159	121	NA	Undetermined Contract. This is a reserved product.
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	CAL	06/01/16	05/31/19	250	250	NG	Intermediate firm capacity purchase - Osprey 3 (3rd 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	01/01/11	12/31/12	21	21	OTH	Gainesville Full Requirements
SEC	HILLS	03/01/10	02/28/25	38	38	MSW	Hills. Co. waste-to-energy facility: Municipal solid waste facility
SEC	HPP	01/01/93	12/31/12	71	90	NG	First call reserve power purchase - CT1A
SEC	HPP	01/01/93	12/31/12	71	90	NG	First call reserve power purchase - CT1B
SEC	HPP	01/01/93	12/31/12	77	86	ST	First call reserve power purchase - ST1
SEC	HPP	01/01/93	12/31/12	71	90	NG	First call reserve power purchase - CT2A
SEC	HPP	01/01/13	12/31/27	71	90	NG	Intermediate firm capacity purchase - Hardee CT1A
SEC	HPP	01/01/13	12/31/27	71	90	NG	Intermediate firm capacity purchase - Hardee CT1B
SEC	HPP	01/01/13	12/31/27	77	86	ST	Intermediate firm capacity purchase - Hardee ST1
SEC	HPP	01/01/13	12/31/27	71	89	NG	CT firm capacity purchase - Hardee CT2A
SEC	HPP	01/01/13	12/31/27	71	89	NG	CT firm capacity purchase - Hardee CT 2B
SEC	LEE	01/01/17	12/31/28	50	55	MSW	Lee Co. Res. Recov: Municipal solid waste facility
SEC	LEE	11/01/07	12/31/16	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

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(1) PURCHASING ENTITY	(2) SELLING ENTITY	(3) CONTRACT TERM		(5) CONTRACT CAPACITY		(7) PRIMARY FUEL	(8) 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	01/01/11	12/31/11	31	487	OTH	PEF Partial Requirements for 2011
SEC	PEF	01/01/11	12/31/11	175	75	OTH	PEF Virtual Delivery Point for 2011
SEC	PEF	01/01/12	12/31/12	0	410	OTH	PEF Partial Requirements for 2012
SEC	PEF	01/01/12	12/31/12	131	153	OTH	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	439	OTH	PEF Partial Requirements for 2013
SEC	PEF	01/01/13	12/31/13	134	157	OTH	PEF Virtual Delivery Point Full Requirements for 2013
SEC	PEF	01/01/14	12/30/20	0	600	NA	System firm winter seasonal peaking capacity purchase
SEC	PEF	01/01/14	12/30/20	150	150	NA	System firm intermediate capacity purchase
SEC	PEF	01/01/14	05/31/16	150	150	NA	System firm base capacity purchase
SEC	PEF	01/01/14	05/31/16	250	250	NA	System firm base capacity purchase
SEC	PEF	01/01/14	12/31/14	65	77	OTH	PEF Virtual Delivery Point Full Requirements for 2014
SEC	PEF	01/01/15	12/31/15	67	78	OTH	PEF Virtual Delivery Point Full Requirements for 2015
SEC	PEF	01/01/16	12/31/16	69	81	OTH	PEF Virtual Delivery Point Full Requirements for 2016
SEC	PEF	06/01/16	11/30/17	250	250	NG	System firm intermediate capacity purchase
SEC	PEF	01/01/17	12/31/17	71	83	OTH	PEF Virtual Delivery Point Full Requirements for 2017
SEC	PEF	12/01/17	11/30/18	400	400	NG	System firm intermediate capacity purchase
SEC	PEF	01/01/18	12/31/18	73	85	OTH	PEF Virtual Delivery Point Full Requirements for 2018
SEC	PEF	12/01/18	12/31/24	500	500	NG	System firm intermediate capacity purchase
SEC	PEF	01/01/19	12/31/19	75	87	OTH	PEF Virtual Delivery Point Full Requirements for 2019
SEC	PEF	01/01/20	12/31/20	0	90	OTH	PEF Virtual Delivery Point Full Requirements for 2020
SEC	SEMINOLE	01/01/08	03/31/18	6	6	LFG	Seminole Energy: Landfill gas-to-energy facility
SEC	SRF	01/01/12	11/30/31	25	25	MSW	Southeast Renewable Fuels: waste-fueled biomass 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	07/31/25	20	20	MSW	McKay Bay waste-to-energy facility
SEC	TELOGIA	06/01/04	12/31/23	12	12	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

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AS OF JANUARY 1, 2011

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		(4) FROM (MM/DD/YY)	(4) TO (MM/DD/YY)	(5) SUMMER (MW)	(6) WINTER (MW)		
STC	FMPA	01/01/07	04/01/21	19	19	BIT	Represents capacity from Stanton 2 that STC is entitled to through their participation in FMPA Stanton II project.
STC	OUC	10/01/10	09/30/11	118	121	NA	Interchange between OUC and STC per Interlocal Agreement
STC	OUC	10/01/11	09/30/12	123	126	NA	Interchange between OUC and STC per Interlocal Agreement
STC	OUC	10/01/12	09/30/13	143	145	NA	Interchange between OUC and STC per Interlocal Agreement
STC	OUC	10/01/13	09/30/14	149	151	NA	Interchange between OUC and STC per Interlocal Agreement
STC	OUC	10/01/14	09/30/15	154	157	NA	Interchange between OUC and STC per Interlocal Agreement
STC	OUC	10/01/15	09/30/16	161	163	NA	Interchange between OUC and STC per Interlocal Agreement
STC	OUC	10/01/16	09/30/17	167	170	NA	Interchange between OUC and STC per Interlocal Agreement
STC	OUC	10/01/17	09/30/18	173	176	NA	Interchange between OUC and STC per Interlocal Agreement
STC	OUC	10/01/18	09/30/19	180	183	NA	Interchange between OUC and STC per Interlocal Agreement
STC	OUC	10/01/19	09/30/20	187	189	NA	Interchange between OUC and STC per Interlocal Agreement
STC	OUC	10/01/20	09/30/21	195	196	NA	Interchange between OUC and STC per Interlocal Agreement
STC	TEC	01/01/06	12/31/12	15	15	NA	Partial Requirements - Firm Tariff AR-1 Period 1/1/97 - 12/31/2012
TAL	PEF	10/01/99	12/03/16	11	11	NA	System firm purchase to replace TAL former ownership interest in PEF Crystal River Unit 3.
TEC	CAL	05/01/06	04/30/11	170	170	NG	Long-term firm purchase from Calpine - 05/01/2006 thru 04/30/2011 for up to 170 MW
TEC	GON	01/01/09	05/31/12	158	158	NG	Firm Contract with Reliant from 1/1/2009 - 5/31/2012
TEC	INVE	01/01/93	12/31/12	69	88	NG	Firm contract with Inverenergy (INVE), owners of Hardee Power Station
TEC	INVE	01/01/93	12/31/12	287	353	NG	Firm contract with Inverenergy (INVE), owners of Hardee Power Station
TEC	PAC	01/01/09	12/31/18	121	121	NG	Firm Contract with Pasco Cogen
VER	OUC	10/01/10	09/30/11	127	133	NA	Supplemental power purchase from OUC. Capacity shown includes 15% reserves.
VER	OUC	10/01/11	09/30/12	129	131	NA	Supplemental power purchase from OUC. Capacity shown includes 15% reserves.
VER	OUC	10/01/12	09/30/13	131	133	NA	Supplemental power purchase from OUC. Capacity shown includes 15% reserves.
VER	OUC	10/01/13	09/30/14	133	137	NA	Supplemental power purchase from OUC. Capacity shown includes 15% reserves.
VER	OUC	10/01/14	09/30/15	135	137	NA	Supplemental power purchase from OUC. Capacity shown includes 15% reserves.
VER	OUC	10/01/15	09/30/16	137	139	NA	Supplemental power purchase from OUC. Capacity shown includes 15% reserves.
VER	OUC	10/01/16	09/30/17	139	141	NA	Supplemental power purchase from OUC. Capacity shown includes 15% reserves.
VER	OUC	10/01/17	09/30/18	141	143	NA	Supplemental power purchase from OUC. Capacity shown includes 15% reserves.
VER	OUC	10/01/18	09/30/19	143	145	NA	Supplemental power purchase from OUC. Capacity shown includes 15% reserves.
VER	OUC	10/01/19	09/30/20	145	148	NA	Supplemental power purchase from OUC. Capacity shown includes 15% reserves.
VER	OUC	10/01/20	09/30/21	147	150	NA	Supplemental power purchase from OUC. Capacity shown includes 15% reserves.
WAU	TEC	01/01/97	09/30/11	12	12	NA	Partial Requirements - Firm Tariff AR-1 Period: 1/1/97 - 9/30/2011
WP	SEC	01/01/11	12/31/13	60	60	OTH	Firm load following sale to Winter Park (WP).

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LOAD AND RESOURCE PLAN
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FRCC Form 9.0
FUEL REQUIREMENTS
AS OF JANUARY 1, 2011

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
FUEL REQUIREMENTS			UNITS	ACTUAL 2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
(1)	NUCLEAR		TRILLION BTU	262	319	305	363	390	381	389	385	389	381	396
(2)	COAL		1000 TON	21,988	22,304	22,082	23,029	22,660	22,936	22,386	23,701	23,359	24,192	24,103
	RESIDUAL													
(3)	STEAM		1000 BBL	8,222	3,226	1,878	1,467	1,320	1,619	2,024	2,329	2,267	2,791	2,477
(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	8,222	3,226	1,878	1,467	1,320	1,619	2,024	2,329	2,267	2,791	2,477
	DISTILLATE													
(7)	STEAM		1000 BBL	127	241	257	250	248	232	248	232	233	210	228
(8)	CC		1000 BBL	284	197	100	103	115	127	130	128	128	133	129
(9)	CT		1000 BBL	1,315	258	125	148	266	238	339	335	386	655	426
(10)	TOTAL:		1000 BBL	1,726	696	482	501	629	597	717	695	747	998	783
	NATURAL GAS													
(11)	STEAM		1000 MCF	87,894	108,073	59,835	49,231	49,471	49,355	50,064	49,156	45,260	49,697	47,624
(12)	CC		1000 MCF	767,988	806,539	841,060	830,102	860,024	877,119	898,215	903,181	924,772	934,650	953,125
(13)	CT		1000 MCF	27,890	33,385	30,208	31,921	36,210	35,482	43,743	44,705	43,904	49,529	47,420
(14)	TOTAL:		1000 MCF	883,772	947,997	931,103	911,254	945,705	961,956	992,022	997,042	1,013,936	1,033,876	1,048,169
(15)	OTHER													
	PET COKE		1000 TON	1,604	1,686	1,777	1,801	1,845	1,723	1,723	1,769	1,767	1,831	1,883
	LFG & BIOFUELS		1000 MMBTU	258	353	334	319	315	295	286	276	267	257	248

2011
LOAD AND RESOURCE PLAN
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FRCC Form 9.1
ENERGY SOURCES (GWH)
AS OF JANUARY 1, 2011

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
ENERGY SOURCES			UNITS	ACTUAL 2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
(1)	FIRM INTER-REGION INTERCHANGE		GWH	13,875	8,282	8,363	7,508	7,154	6,842	3,356	1,870	1,830	1,722	1,702
(2)	NUCLEAR		GWH	24,215	26,971	28,466	34,107	36,969	36,053	36,692	36,127	36,569	35,734	37,063
(3)	COAL		GWH	50,079	49,987	49,815	51,450	51,038	51,807	50,823	53,560	53,108	54,904	55,105
RESIDUAL														
(4)	STEAM		GWH	4,903	2,073	1,219	927	817	1,006	1,251	1,437	1,393	1,708	1,521
(5)	CC		GWH	0	0	0	0	0	0	0	0	0	0	0
(6)	CT		GWH	0	0	0	0	0	0	0	0	0	0	0
(7)	TOTAL:		GWH	4,903	2,073	1,219	927	817	1,006	1,251	1,437	1,393	1,708	1,521
DISTILLATE														
(8)	STEAM		GWH	102	25	24	25	24	25	25	26	26	26	27
(9)	CC		GWH	208	135	48	54	45	44	45	46	44	49	47
(10)	CT		GWH	711	186	117	126	152	148	187	191	212	339	253
(11)	TOTAL:		GWH	1,021	346	189	205	221	217	257	263	282	414	327
NATURAL GAS														
(12)	STEAM		GWH	8,778	7,340	5,639	4,611	4,858	4,866	4,729	4,410	4,000	4,420	4,265
(13)	CC		GWH	108,441	115,796	120,358	119,804	122,456	125,981	131,253	133,197	136,977	138,572	141,772
(14)	CT		GWH	2,856	2,404	2,222	2,013	2,278	2,240	2,688	2,602	2,501	2,609	2,748
(15)	TOTAL:		GWH	120,075	125,540	128,219	126,428	129,592	133,087	138,670	140,209	143,478	145,601	148,785
(16)	NUG		GWH	2,916	2,584	2,603	2,354	1,528	1,524	1,531	1,524	1,526	1,523	1,531
RENEWABLES														
(17)	BIOFUELS		GWH	16	16	16	16	16	16	16	16	16	16	16
(18)	BIOMASS		GWH	797	912	824	1,071	1,471	1,447	1,379	1,377	1,373	1,375	1,377
(19)	HYDRO		GWH	20	18	18	18	18	18	16	18	18	18	18
(20)	LANDFILL GAS		GWH	303	436	472	469	496	495	506	483	372	288	278
(21)	MSW		GWH	1,481	1,586	1,705	1,756	1,795	1,739	1,729	1,286	1,278	1,280	1,287
(22)	SOLAR		GWH	83	109	113	119	126	134	142	147	147	146	146
(23)	WIND		GWH	0	0	0	0	0	0	0	0	0	0	0
(24)	OTHER RENEW.		GWH	93	4	4	4	4	3	4	3	3	3	4
(25)	TOTAL:		GWH	2,793	3,081	3,152	3,453	3,926	3,852	3,792	3,330	3,207	3,126	3,126
(26)	OTHER		GWH	13,157	6,462	7,204	7,776	7,373	8,032	9,676	11,121	11,249	11,539	11,500
(27)	NET ENERGY FOR LOAD		GWH	233,034	225,326	229,230	234,208	238,618	242,420	246,048	249,441	252,642	256,271	260,660

2011
LOAD AND RESOURCE PLAN
FLORIDA RELIABILITY COORDINATING COUNCIL

FRCC Form 9.2
ENERGY SOURCES (%)
AS OF JANUARY 1, 2011

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
ENERGY SOURCES			UNITS	ACTUAL 2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
(1)	FIRM INTER-REGION INTERCHANGE		%	5.95%	3.68%	3.65%	3.21%	3.00%	2.82%	1.36%	0.75%	0.72%	0.67%	0.65%
(2)	NUCLEAR		%	10.39%	11.97%	12.42%	14.56%	15.49%	14.87%	14.91%	14.48%	14.47%	13.94%	14.22%
(3)	COAL		%	21.49%	22.18%	21.73%	21.97%	21.39%	21.37%	20.66%	21.47%	21.02%	21.42%	21.14%
	RESIDUAL													
(4)	STEAM		%	2.10%	0.92%	0.53%	0.40%	0.34%	0.41%	0.51%	0.58%	0.55%	0.67%	0.58%
(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:		%	2.10%	0.92%	0.53%	0.40%	0.34%	0.41%	0.51%	0.58%	0.55%	0.67%	0.58%
	DISTILLATE													
(8)	STEAM		%	0.04%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%
(9)	CC		%	0.09%	0.06%	0.02%	0.02%	0.02%	0.02%	0.02%	0.02%	0.02%	0.02%	0.02%
(10)	CT		%	0.31%	0.08%	0.05%	0.05%	0.06%	0.06%	0.08%	0.08%	0.08%	0.13%	0.10%
(11)	TOTAL:		%	0.44%	0.15%	0.08%	0.09%	0.09%	0.09%	0.10%	0.11%	0.11%	0.16%	0.13%
	NATURAL GAS													
(12)	STEAM		%	3.77%	3.26%	2.46%	1.97%	2.04%	2.01%	1.92%	1.77%	1.58%	1.72%	1.64%
(13)	CC		%	46.53%	51.39%	52.51%	51.15%	51.32%	51.97%	53.34%	53.40%	54.22%	54.07%	54.39%
(14)	CT		%	1.23%	1.07%	0.97%	0.86%	0.95%	0.92%	1.09%	1.04%	0.99%	1.02%	1.05%
(15)	TOTAL:		%	51.53%	55.71%	55.93%	53.98%	54.31%	54.90%	56.36%	56.21%	56.79%	56.82%	57.08%
(16)	NUG		%	1.25%	1.15%	1.14%	1.01%	0.64%	0.63%	0.62%	0.61%	0.60%	0.59%	0.59%
	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		%	0.34%	0.40%	0.36%	0.46%	0.62%	0.60%	0.56%	0.55%	0.54%	0.54%	0.53%
(19)	HYDRO		%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%
(20)	LANDFILL GAS		%	0.13%	0.19%	0.21%	0.20%	0.21%	0.20%	0.21%	0.19%	0.15%	0.11%	0.11%
(21)	MSW		%	0.64%	0.70%	0.74%	0.75%	0.75%	0.72%	0.70%	0.52%	0.51%	0.50%	0.49%
(22)	SOLAR		%	0.04%	0.05%	0.05%	0.05%	0.05%	0.06%	0.06%	0.06%	0.06%	0.06%	0.06%
(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.		%	0.04%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
(25)	TOTAL:		%	1.20%	1.37%	1.38%	1.47%	1.65%	1.59%	1.54%	1.33%	1.27%	1.22%	1.20%
(26)	OTHER		%	5.65%	2.87%	3.14%	3.32%	3.09%	3.31%	3.93%	4.46%	4.45%	4.50%	4.41%
(27)	NET ENERGY FOR LOAD		%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%

**2011
LOAD AND RESOURCE PLAN
FLORIDA RELIABILITY COORDINATING COUNCIL**

**FRCC Form 13
SUMMARY AND SPECIFICATIONS OF PROPOSED TRANSMISSION LINES
AS OF JANUARY 1, 2011**

(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	HINES ENERGY COMPLEX	WEST LAKE WALES #2	21	12 / 2011	230	1000	NA
TEC	BIG BEND	STATE ROAD 60	13.8	12 / 2011	230	729	NA
PEF	KATHLEEN	ZEPHYRHILLS N	11	5 / 2012	230	1000	NA
TAL	HOPKINS-CRAWFORDVILLE	SUB 5 230	8	12 / 2012	230	458	NA
PEF	DISSTON	NORTHEAST	4	5 / 2013	230	1000	NA
PEF	INTERCESSION CITY	GIFFORD	13	5 / 2013	230	1370	NA
TEC	BIG BEND STATION	BIG BEND (FUTURE CT 3)	0.2	5 / 2013	230	729	NA
PEF	DISSTON	40TH STREET	4	5 / 2014	230	1000	NA
TEC	BIG BEND STATION	BIG BEND (FUTURE CT 4)	0.2	5 / 2014	230	729	NA
FPL	MANATEE	BOB WHITE	30	12 / 2015	230	1190	TLSA
JEA	GREENLAND ENERGY CTR	NOCATEE	4.4	12 / 2015	230	668	NA
JEA	YELLOW WATER	JAX HEIGHTS	11	6 / 2016	230	668	NA
FPL	ST. JOHNS	PRINGLE	25	12 / 2016	230	759	TLSA
TEC	POLK	FISHHAWK	30.5	5 / 2019	230	1119	TLSA
TEC	POLK	PEBBLEDALE (1)	13.5	5 / 2019	230	729	NA
TEC	POLK	PEBBLEDALE (2)	9.9	5 / 2019	230	1119	NA

* TLSA: Transmission Line Siting Act

* PPSA: Power Plant Siting Act

**2011
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 (<i>formerly OEU</i>)
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 (<i>formerly RRI Energy Services</i>)	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			

2011
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

**2011
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

**2011
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
2011
REGIONAL LOAD & RESOURCE PLAN**

**2011
LOAD AND RESOURCE PLAN
STATE OF FLORIDA
HISTORY AND FORECAST**

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
<u>SUMMER PEAK DEMAND (MW)</u>					<u>WINTER PEAK DEMAND (MW)</u>					<u>ENERGY</u>		
<u>YEAR</u>	<u>ACTUAL PEAK DEMAND (MW)</u>				<u>YEAR</u>	<u>ACTUAL PEAK DEMAND (MW)</u>				<u>YEAR</u>	<u>NET ENERGY FOR LOAD (GWH)</u>	<u>LOAD FACTOR (%)</u>
2001	40,823				2001 / 02	41,780				2001	212,095	57.2%
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	48,385				2010 / 11	48,872				2010	247,169	51.5%
<u>YEAR</u>	<u>TOTAL PEAK DEMAND (MW)</u>	<u>INTER- RUPTIBLE LOAD (MW)</u>	<u>LOAD MANAGE- MENT (MW)</u>	<u>NET FIRM PEAK DEMAND (MW)</u>	<u>YEAR</u>	<u>TOTAL PEAK DEMAND (MW)</u>	<u>INTER- RUPTIBLE LOAD (MW)</u>	<u>LOAD MANAGE- MENT (MW)</u>	<u>NET FIRM PEAK DEMAND (MW)</u>	<u>YEAR</u>	<u>NET ENERGY FOR LOAD (GWH)</u>	<u>LOAD FACTOR (%)</u>
2011	49,040	635	2,520	45,885	2011 / 12	50,437	643	2,783	47,011	2011	239,405	55.7%
2012	49,663	676	2,602	46,385	2012 / 13	51,135	710	2,825	47,600	2012	243,714	55.2%
2013	50,490	744	2,655	47,091	2013 / 14	51,809	697	2,851	48,261	2013	249,040	55.6%
2014	51,311	730	2,720	47,861	2014 / 15	52,447	691	2,929	48,827	2014	253,814	55.9%
2015	52,375	724	2,793	48,858	2015 / 16	53,082	654	3,000	49,428	2015	257,869	56.1%
2016	53,151	687	2,862	49,602	2016 / 17	53,785	655	3,057	50,073	2016	261,694	56.2%
2017	53,987	688	2,927	50,372	2017 / 18	54,423	657	3,116	50,650	2017	265,317	56.1%
2018	54,572	690	2,989	50,893	2018 / 19	55,149	658	3,170	51,321	2018	268,756	56.2%
2019	55,433	691	3,041	51,701	2019 / 20	55,901	659	3,205	52,037	2019	272,662	56.2%
2020	56,388	692	3,103	52,593	2020 / 21	56,582	660	3,236	52,686	2020	277,337	56.1%

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

2011
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, 2011

(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	OTHER SALES	TOTAL SALES	WHOLESALE PURCHASES FOR RESALE	WHOLESALE SALES FOR RESALE	UTILITY USE & LOSSES	NET ENERGY FOR LOAD
	GWH	AVERAGE NO. OF CUSTOMERS	AVG. KWH CONSUMPTION PER CUST.	GWH	AVERAGE NO. OF CUSTOMERS	AVG. KWH CONSUMPTION PER CUST.	GWH	AVERAGE NO. OF CUSTOMERS	AVG. KWH CONSUMPTION PER CUST.							
2001	99,765	7,222,401	13.813	71,616	892,852	80.210	21,621	29,297	737,994	773	4,313	198,088	0	9,180	23,187	212,095
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	118,870	8,324,256	14.280	80,182	1,030,955	77.774	20,708	27,043	765,743	858	5,366	225,984	0	9,858	31,043	247,169
2001-2010																
% AAGR	1.97%			1.26%			-0.48%									1.71%
2011	113,665	8,406,928	13.520	79,711	1,039,753	76.663	21,325	27,236	782,971	876	5,440	221,017	0	10,451	28,839	239,405
2012	114,904	8,514,560	13.495	80,957	1,049,695	77.124	21,815	28,068	777,220	892	5,550	224,118	0	11,406	31,002	243,714
2013	117,521	8,649,941	13.586	82,588	1,063,132	77.684	22,384	28,819	776,710	908	5,692	229,093	0	11,459	31,406	249,040
2014	118,449	8,662,640	13.674	83,592	1,067,242	78.325	22,496	29,429	764,416	925	5,785	231,247	0	14,499	37,066	253,814
2015	120,287	8,808,864	13.655	85,097	1,084,502	78.466	22,610	29,911	755,909	944	5,918	234,856	0	15,289	38,302	257,869
2016	122,394	8,950,985	13.674	86,543	1,102,153	78.522	22,566	30,437	741,400	963	6,048	238,514	0	14,376	37,556	261,694
2017	124,020	9,088,964	13.645	87,999	1,119,214	78.626	22,709	30,837	736,421	984	6,154	241,866	0	13,833	37,284	265,317
2018	125,703	9,224,028	13.628	89,480	1,136,140	78.758	22,858	31,153	733,734	1,005	6,272	245,318	0	13,629	37,067	268,756
2019	127,365	9,356,950	13.612	91,117	1,152,902	79.033	23,012	31,509	730,331	1,027	6,372	248,893	0	14,345	38,114	272,662
2020	129,511	9,501,899	13.630	92,946	1,169,666	79.464	23,188	31,897	726,965	1,050	6,486	253,181	0	14,557	38,713	277,337
2011-2020																
% AAGR	1.46%			1.72%			0.93%									1.65%

**2011
LOAD AND RESOURCE PLAN
STATE OF FLORIDA**

**FRCC Form 5.0
HISTORY AND FORECAST OF SUMMER PEAK DEMAND (MW)
AS OF JANUARY 1, 2011**

(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.	
2009	49,142	92	158	40	507	1,477	1,187	52,603
2010	48,385	91	106	3	524	1,592	1,250	51,951
2011	45,885	635	1,479	1,041	603	1,763	1,315	52,721
2012	46,385	676	1,519	1,083	609	1,957	1,392	53,621
2013	47,091	744	1,539	1,116	603	2,170	1,480	54,743
2014	47,861	730	1,547	1,173	603	2,396	1,566	55,876
2015	48,858	724	1,582	1,211	603	2,629	1,646	57,253
2016	49,602	687	1,608	1,254	603	2,838	1,718	58,310
2017	50,372	688	1,633	1,294	603	3,044	1,776	59,410
2018	50,893	690	1,657	1,332	603	3,245	1,826	60,246
2019	51,701	691	1,674	1,367	603	3,439	1,868	61,343
2020	52,593	692	1,709	1,394	603	3,589	1,903	62,483
CAAGR (%):	1.53%							

**2011
LOAD AND RESOURCE PLAN
STATE OF FLORIDA**

**FRCC Form 6.0
HISTORY AND FORECAST OF WINTER PEAK DEMAND (MW)
AS OF JANUARY 1, 2011**

(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.	
2009/10	54,780	287	983	56	490	2,104	673	59,373
2010/11	48,872	70	111	0	439	2,218	707	52,417
2011/12	47,011	643	1,846	937	586	2,363	734	54,120
2012/13	47,600	710	1,865	960	580	2,510	782	55,007
2013/14	48,261	697	1,849	1,002	580	2,673	839	55,901
2014/15	48,827	691	1,899	1,030	580	2,852	899	56,778
2015/16	49,428	654	1,942	1,058	580	3,014	955	57,631
2016/17	50,073	655	1,970	1,087	580	3,175	1,009	58,549
2017/18	50,650	657	2,000	1,116	580	3,330	1,050	59,383
2018/19	51,321	658	2,027	1,143	580	3,481	1,083	60,293
2019/20	52,037	659	2,039	1,166	580	3,624	1,109	61,214
2020/21	52,686	660	2,051	1,185	580	3,661	1,121	61,944
CAAGR (%):	1.27%							

**2011
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, 2011**

(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.	
2009	239,415	0	3	0	2,622	3,966	3,313	249,319
2010	247,169	0	3	0	2,651	4,200	3,474	257,497
2011	239,405	0	5	7	3,042	4,654	3,606	250,719
2012	243,714	0	7	7	3,142	5,176	3,860	255,906
2013	249,040	0	9	7	3,141	5,727	4,155	262,079
2014	253,814	0	11	7	3,130	6,300	4,456	267,718
2015	257,869	0	13	7	3,141	6,907	4,746	272,683
2016	261,694	0	14	7	3,143	7,494	5,005	277,357
2017	265,317	0	16	7	3,141	8,065	5,236	281,782
2018	268,756	0	18	8	3,141	8,618	5,436	285,977
2019	272,662	0	21	8	3,141	9,148	5,610	290,590
2020	277,337	0	23	8	3,143	9,665	5,773	295,949
CAAGR (%):	1.86%							

**2011
LOAD AND RESOURCE PLAN
STATE OF FLORIDA**

**SUMMARY OF INTERRUPTIBLE LOAD AND LOAD MANAGEMENT (MW)
2011 THROUGH 2020**

SUMMER

YEAR	PEC	FRCC TOTALS			STATE TOTALS			STATE TOTAL INT + LM
	INT	INT	RES LM	COM LM	INT	RES LM	COM LM	
2011	9	626	1,479	1,041	635	1,479	1,041	3,155
2012	9	667	1,519	1,083	676	1,519	1,083	3,278
2013	9	735	1,539	1,116	744	1,539	1,116	3,399
2014	9	721	1,547	1,173	730	1,547	1,173	3,450
2015	9	715	1,582	1,211	724	1,582	1,211	3,517
2016	9	678	1,608	1,254	687	1,608	1,254	3,549
2017	9	679	1,633	1,294	688	1,633	1,294	3,615
2018	9	681	1,657	1,332	690	1,657	1,332	3,679
2019	9	682	1,674	1,367	691	1,674	1,367	3,732
2020	9	683	1,709	1,394	692	1,709	1,394	3,795

WINTER

YEAR	PEC	FRCC TOTALS			STATE TOTALS			STATE TOTAL INT + LM
	INT	INT	RES LM	COM LM	INT	RES LM	COM LM	
2011/12	9	634	1,846	937	643	1,846	937	3,426
2012/13	9	701	1,865	960	710	1,865	960	3,535
2013/14	9	688	1,849	1,002	697	1,849	1,002	3,548
2014/15	9	682	1,899	1,030	691	1,899	1,030	3,620
2015/16	9	645	1,942	1,058	654	1,942	1,058	3,654
2016/17	9	646	1,970	1,087	655	1,970	1,087	3,712
2017/18	9	648	2,000	1,116	657	2,000	1,116	3,773
2018/19	9	649	2,027	1,143	658	2,027	1,143	3,828
2019/20	9	650	2,039	1,166	659	2,039	1,166	3,864
2020/21	9	651	2,051	1,185	660	2,051	1,185	3,896

2011
LOAD AND RESOURCE PLAN
STATE OF FLORIDA
SUMMARY OF EXISTING CAPACITY
AS OF JANUARY 1, 2011

UTILITY	NET CAPABILITY (MW)	
	SUMMER	WINTER
GULF POWER COMPANY	2,686	2,725
POWERSOUTH ENERGY COOPERATIVE	1,896	2,064
<u>TOTALS</u>		
FRCC REGION	48,265	50,146
STATE OF FLORIDA	52,847	54,935
FRCC FIRM NON-UTILITY PURCHASES	4,758	5,170
STATE FIRM NON-UTILITY PURCHASES	4,758	5,170
TOTAL FRCC REGION	53,023	55,316
TOTAL STATE OF FLORIDA	57,605	60,105

2011
LOAD AND RESOURCE PLAN
STATE OF FLORIDA
FRCC Form 1.0
EXISTING GENERATING FACILITIES AS OF JANUARY 1, 2011

(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>GULF POWER COMPANY</u>															
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	--	--		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	--	--		3 / 1953	-- / --	49	49	46	46	OP
SCHOLZ	2	JACKSON, MS	ST	BIT	RR	--	--		10 / 1953	-- / --	48	48	46	46	OP
GPC TOTAL:												2,686	2,725		

* Jointly Owned Unit

2011
LOAD AND RESOURCE PLAN
STATE OF FLORIDA
FRCC Form 1.0
EXISTING GENERATING FACILITIES AS OF JANUARY 1, 2011

(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:												46,973	50,339		
STATE TOTAL:												51,555	55,128		

* Jointly Owned Unit

2011
LOAD AND RESOURCE PLAN
STATE OF FLORIDA
FRCC Form 1.1
PLANNED AND PROSPECTIVE GENERATING FACILITY ADDITIONS AND CHANGES
(JANUARY 1, 2011 THROUGH DECEMBER 31, 2020)

(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>2011</u>															
NO ENTRIES															
<u>2012</u>															
NO ENTRIES															
<u>2013</u>															
NO ENTRIES															
<u>2014</u>															
NO ENTRIES															
<u>2015</u>															
GPC	DANIEL	1	JACKSON, MS	ST	BIT	RR	RFO	TK	0	6 / 2015	-2	-2	-2	-2	D
GPC	DANIEL	2	JACKSON, MS	ST	BIT	RR	RFO	TK	0	6 / 2015	-2	-2	-2	-2	D
2015 TOTAL:												-4	-4		
<u>2016</u>															
NO ENTRIES															

2011
LOAD AND RESOURCE PLAN
STATE OF FLORIDA
FRCC Form 1.1
PLANNED AND PROSPECTIVE GENERATING FACILITY ADDITIONS AND CHANGES
(JANUARY 1, 2011 THROUGH DECEMBER 31, 2020)

(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>2017</u>															
NO ENTRIES															
<u>2018</u>															
GPC	LANSING SMITH	1	BAY	ST	BIT	WA	---	---	---	6 / 2018	-4	-4	-4	-4	D
GPC	LANSING SMITH	2	BAY	ST	BIT	WA	---	---	---	6 / 2018	-4	-4	-4	-4	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:													-20	-23	
<u>2019</u>															
NO ENTRIES															
<u>2020</u>															
NO ENTRIES															
FRCC FUTURE TOTAL:													9,059	9,791	
STATE FUTURE TOTAL:													9,035	9,764	

**2011
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 NON-UTILITY PURCHASES (MW)	TOTAL AVAILABLE CAPACITY (MW)	TOTAL PEAK DEMAND (MW)	RESERVE MARGIN		NET FIRM PEAK DEMAND (MW)	RESERVE MARGIN WITH EXERCISING	
	INSIDE STATE (MW)	OUTSIDE STATE (MW)	STATE IMPORTS (MW)	STATE EXPORTS (MW)				W/O EXERCISING LOAD MANAGEMENT & INT. (MW)	% OF PEAK		LOAD MANAGEMENT & INT. (MW)	% OF PEAK
2011	49,409	3,582	1,628	143	4,758	59,233	49,040	10,193	21%	45,885	13,348	29%
2012	50,342	3,582	1,628	143	5,010	60,418	49,663	10,755	22%	46,385	14,033	30%
2013	50,509	3,582	1,658	143	5,087	60,693	50,490	10,203	20%	47,091	13,602	29%
2014	51,754	3,582	2,097	143	4,208	61,498	51,311	10,187	20%	47,861	13,637	28%
2015	52,624	3,578	2,147	143	4,299	62,505	52,375	10,130	19%	48,858	13,647	28%
2016	53,740	3,578	854	143	4,527	62,556	53,151	9,405	18%	49,602	12,954	26%
2017	53,957	3,578	874	143	4,557	62,823	53,987	8,836	16%	50,372	12,451	25%
2018	53,991	3,578	874	143	4,561	62,860	54,572	8,288	15%	50,893	11,967	24%
2019	54,791	3,578	874	143	4,190	63,290	55,433	7,857	14%	51,701	11,589	22%
2020	56,290	3,578	874	143	4,108	64,707	56,388	8,319	15%	52,593	12,114	23%

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

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
YEAR	INSTALLED CAPACITY		FIRM INTERCHANGE		FIRM NON-UTILITY PURCHASES (MW)	TOTAL AVAILABLE CAPACITY (MW)	TOTAL PEAK DEMAND (MW)	RESERVE MARGIN		NET FIRM PEAK DEMAND (MW)	RESERVE MARGIN WITH EXERCISING	
	INSIDE STATE (MW)	OUTSIDE STATE (MW)	STATE IMPORTS (MW)	STATE EXPORTS (MW)				W/O EXERCISING LOAD MANAGEMENT & INT. (MW)	% OF PEAK		LOAD MANAGEMENT & INT. (MW)	% OF PEAK
2011 / 12	51,179	3,756	1,628	0	5,170	61,733	50,437	11,296	22%	47,011	14,722	31%
2012 / 13	52,354	3,756	1,628	0	5,490	63,228	51,135	12,093	24%	47,600	15,628	33%
2013 / 14	53,291	3,756	1,658	0	5,427	64,132	51,809	12,323	24%	48,261	15,871	33%
2014 / 15	56,346	3,756	2,097	0	4,509	66,708	52,447	14,261	27%	48,827	17,881	37%
2015 / 16	56,407	3,752	1,266	0	4,577	66,002	53,082	12,920	24%	49,428	16,574	34%
2016 / 17	57,660	3,752	874	0	4,840	67,126	53,785	13,341	25%	50,073	17,053	34%
2017 / 18	57,901	3,752	874	0	4,858	67,385	54,423	12,962	24%	50,650	16,735	33%
2018 / 19	58,104	3,752	874	0	4,738	67,468	55,149	12,319	22%	51,321	16,147	31%
2019 / 20	58,702	3,752	874	0	4,406	67,734	55,901	11,833	21%	52,037	15,697	30%
2020 / 21	61,140	3,752	874	0	4,407	70,173	56,582	13,591	24%	52,686	17,487	33%

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

2011
LOAD AND RESOURCE PLAN
STATE OF FLORIDA

FRCC Form 3.0
EXISTING NON-UTILITY, QF, AND SELF SERVICE GENERATION FACILITIES
AS OF DECEMBER 31, 2010

(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
				(5) FIRM		(6) UNCOMMITTED		(9) SUM (MW)	(10) WIN (MW)	(11) SUM (MW)	(12) WIN (MW)		(14) PRI	(15) ALT		
				(5) SUM (MW)	(6) WIN (MW)	(7) SUM (MW)	(8) WIN (MW)									
				(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)					
GULF POWER COMPANY																
	INTERNATIONAL PAPER COMPANY	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 COMPANY	2	ESCAMBIA	0.0	0.0	0.0	0.0	28.1	28.1	21.4	21.4	ST	WDS	NG	5 / 1983	NC
	MONTENAY BAY LLC	1	BAY	0.0	0.0	11.0	11.0	12.5	12.5	12.5	12.5	ST	MSW	---	2 / 1987	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:			1,789.7	1,860.7	185.9	196.7	(UNCOMMITTED TOTAL EXCLUDES MERCHANT FACILITIES)								
	STATE TOTAL:			1,789.7	1,860.7	196.9	207.7									

2011
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, 2011 THROUGH DECEMBER 31, 2020

(1)	(2)	(3)	(4)	POTENTIAL EXPORT TO GRID AT TIME OF PEAK				GROSS CAPABILITY		NET CAPABILITY		(13)	FUEL TYPE		(16) COMMERCIAL IN-SERVICE/ RETIREMENT/ OR CHANGE IN CONTRACT MO / YEAR	(17) CONTRACT STATUS	
				FIRM		UNCOMMITTED		SUM (MW)	WIN (MW)	SUM (MW)	WIN (MW)		UNIT TYPE	PRI			ALT
				SUM (MW)	WIN (MW)	SUM (MW)	WIN (MW)										
				UTIL	FACILITY NAME	UNIT NO.	LOCATION	SUM (MW)	WIN (MW)	SUM (MW)	WIN (MW)		SUM (MW)	WIN (MW)			UNIT TYPE
<u>2011</u>	NO ENTRIES																
<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																

**2011
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)
2011	1,789.7	204.9	2011/12	1,870.7	215.7
2012	1,854.7	204.9	2012/13	1,639.7	215.7
2013	1,634.7	314.9	2013/14	1,575.5	553.7
2014	1,552.7	555.7	2014/15	1,562.7	566.5
2015	1,642.7	555.7	2015/16	1,629.7	589.5
2016	1,619.7	578.7	2016/17	1,645.7	644.5
2017	1,651.7	628.7	2017/18	1,661.7	659.7
2018	1,652.5	643.9	2018/19	1,662.5	659.7
2019	1,652.5	643.9	2019/20	1,662.5	659.7
2020	1,652.5	643.9	2020/21	1,662.5	659.7

2011
LOAD AND RESOURCE PLAN
STATE OF FLORIDA
FRCC Form 12
SUMMARY OF FIRM CAPACITY AND ENERGY CONTRACTS
AS OF JANUARY 1, 2011

(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		

**2011
LOAD AND RESOURCE PLAN
STATE OF FLORIDA**

**FRCC Form 9.0
FUEL REQUIREMENTS
AS OF JANUARY 1, 2011**

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
FUEL REQUIREMENTS			UNITS	<u>ACTUAL</u> 2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
(1)	NUCLEAR		TRILLION BTU	262	319	305	363	390	381	389	385	389	381	396
(2)	COAL		1000 TON	27,497	27,103	26,737	28,475	28,683	29,012	28,595	29,925	29,547	30,722	30,463
RESIDUAL														
(3)	STEAM		1000 BBL	8,222	3,226	1,878	1,467	1,320	1,619	2,024	2,329	2,267	2,791	2,477
(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	8,222	3,226	1,878	1,467	1,320	1,619	2,024	2,329	2,267	2,791	2,477
DISTILLATE														
(7)	STEAM		1000 BBL	149	252	269	261	258	242	258	242	243	219	238
(8)	CC		1000 BBL	284	197	100	103	115	127	130	128	128	133	129
(9)	CT		1000 BBL	1,316	258	125	148	266	238	339	335	386	655	426
(10)	TOTAL:		1000 BBL	1,749	707	494	512	639	607	727	705	757	1,007	793
NATURAL GAS														
(11)	STEAM		1000 MCF	87,894	108,073	59,835	49,231	49,471	49,355	50,064	49,156	45,260	49,697	47,624
(12)	CC		1000 MCF	804,541	835,747	871,603	859,311	891,296	910,117	928,342	931,156	956,048	970,788	990,197
(13)	CT		1000 MCF	30,851	34,285	30,784	32,528	36,590	36,203	44,255	45,175	44,436	49,653	47,442
(14)	TOTAL:		1000 MCF	923,286	978,105	962,222	941,070	977,357	995,675	1,022,661	1,025,487	1,045,744	1,070,138	1,085,263
(15)	OTHER													
	PET COKE		1000 TON	1,604	1,686	1,777	1,801	1,845	1,723	1,723	1,769	1,767	1,831	1,883
	LFG & BIOFUELS		1000 MMBTU	358	653	634	619	615	595	586	576	567	557	548

2011
LOAD AND RESOURCE PLAN
STATE OF FLORIDA

FRCC Form 9.1
ENERGY SOURCES (GWH)
AS OF JANUARY 1, 2011

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
				ACTUAL										
ENERGY SOURCES			UNITS	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
(1)	FIRM INTER-REGION INTERCHANGE		GWH	11,366	7,320	7,952	5,795	4,266	4,061	905	-66	-321	-1,525	-999
(2)	NUCLEAR		GWH	24,215	26,971	28,466	34,107	36,969	36,053	36,692	36,127	36,569	35,734	37,063
(3)	COAL		GWH	61,323	60,802	60,344	63,817	64,760	65,509	64,819	67,580	67,105	69,695	69,529
RESIDUAL														
(4)	STEAM		GWH	4,903	2,073	1,219	927	817	1,006	1,251	1,437	1,393	1,708	1,521
(5)	CC		GWH	0	0	0	0	0	0	0	0	0	0	0
(6)	CT		GWH	0	0	0	0	0	0	0	0	0	0	0
(7)	TOTAL:		GWH	4,903	2,073	1,219	927	817	1,006	1,251	1,437	1,393	1,708	1,521
DISTILLATE														
(8)	STEAM		GWH	102	25	24	25	24	25	25	26	26	26	27
(9)	CC		GWH	208	135	48	54	45	44	45	46	44	49	47
(10)	CT		GWH	712	186	117	126	152	148	187	191	212	339	253
(11)	TOTAL:		GWH	1,022	346	189	205	221	217	257	263	282	414	327
NATURAL GAS														
(12)	STEAM		GWH	8,778	7,340	5,639	4,611	4,858	4,866	4,729	4,410	4,000	4,420	4,265
(13)	CC		GWH	113,562	119,922	124,676	123,937	126,804	130,510	135,378	137,019	141,271	143,541	146,862
(14)	CT		GWH	3,206	2,535	2,328	2,121	2,364	2,360	2,788	2,699	2,603	2,621	2,750
(15)	TOTAL:		GWH	125,546	129,797	132,643	130,669	134,026	137,736	142,895	144,128	147,874	150,582	153,877
(16)	NUG		GWH	2,971	2,640	2,659	2,411	1,586	1,583	1,592	1,586	1,589	1,587	1,597
RENEWABLES														
(17)	BIOFUELS		GWH	16	16	16	16	16	16	16	16	16	16	16
(18)	BIOMASS		GWH	797	912	824	1,071	1,471	1,447	1,379	1,377	1,373	1,375	1,377
(19)	HYDRO		GWH	25	23	23	23	23	23	21	23	23	23	23
(20)	LANDFILL GAS		GWH	309	462	498	495	522	521	532	509	398	314	304
(21)	MSW		GWH	1,538	1,636	1,755	1,806	1,845	1,739	1,729	1,286	1,278	1,280	1,287
(22)	SOLAR		GWH	83	109	113	119	126	134	142	147	147	146	146
(23)	WIND		GWH	0	0	0	0	0	0	0	0	0	0	0
(24)	OTHER RENEW.		GWH	93	4	4	4	4	3	4	3	3	3	4
(25)	TOTAL:		GWH	2,861	3,162	3,233	3,534	4,007	3,883	3,823	3,361	3,238	3,157	3,157
(26)	OTHER		GWH	12,962	6,294	7,009	7,575	7,162	7,821	9,460	10,901	11,027	11,310	11,265
(27)	NET ENERGY FOR LOAD		GWH	247,169	239,405	243,714	249,040	253,814	257,869	261,694	265,317	268,756	272,662	277,337

2011
LOAD AND RESOURCE PLAN
STATE OF FLORIDA

FRCC Form 9.2
ENERGY SOURCES (%)
AS OF JANUARY 1, 2011

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
			UNITS	ACTUAL										
ENERGY SOURCES				2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
(1)	FIRM INTER-REGION INTERCHANGE		%	4.60%	3.06%	3.26%	2.33%	1.68%	1.57%	0.35%	-0.02%	-0.12%	-0.56%	-0.36%
(2)	NUCLEAR		%	9.80%	11.27%	11.68%	13.70%	14.57%	13.98%	14.02%	13.62%	13.61%	13.11%	13.36%
(3)	COAL		%	24.81%	25.40%	24.76%	25.63%	25.51%	25.40%	24.77%	25.47%	24.97%	25.56%	25.07%
RESIDUAL														
(4)	STEAM		%	1.98%	0.87%	0.50%	0.37%	0.32%	0.39%	0.48%	0.54%	0.52%	0.63%	0.55%
(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:		%	1.98%	0.87%	0.50%	0.37%	0.32%	0.39%	0.48%	0.54%	0.52%	0.63%	0.55%
DISTILLATE														
(8)	STEAM		%	0.04%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%
(9)	CC		%	0.08%	0.06%	0.02%	0.02%	0.02%	0.02%	0.02%	0.02%	0.02%	0.02%	0.02%
(10)	CT		%	0.29%	0.08%	0.05%	0.05%	0.06%	0.06%	0.07%	0.07%	0.08%	0.12%	0.09%
(11)	TOTAL:		%	0.41%	0.14%	0.08%	0.08%	0.09%	0.08%	0.10%	0.10%	0.10%	0.15%	0.12%
NATURAL GAS														
(12)	STEAM		%	3.55%	3.07%	2.31%	1.85%	1.91%	1.89%	1.81%	1.66%	1.49%	1.62%	1.54%
(13)	CC		%	45.95%	50.09%	51.16%	49.77%	49.96%	50.61%	51.73%	51.64%	52.56%	52.64%	52.95%
(14)	CT		%	1.30%	1.06%	0.96%	0.85%	0.93%	0.92%	1.07%	1.02%	0.97%	0.96%	0.99%
(15)	TOTAL:		%	50.79%	54.22%	54.43%	52.47%	52.80%	53.41%	54.60%	54.32%	55.02%	55.23%	55.48%
(16)	NUG		%	1.20%	1.10%	1.09%	0.97%	0.62%	0.61%	0.61%	0.60%	0.59%	0.58%	0.58%
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		%	0.32%	0.38%	0.34%	0.43%	0.58%	0.56%	0.53%	0.52%	0.51%	0.50%	0.50%
(19)	HYDRO		%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%
(20)	LANDFILL GAS		%	0.13%	0.19%	0.20%	0.20%	0.21%	0.20%	0.20%	0.19%	0.15%	0.12%	0.11%
(21)	MSW		%	0.62%	0.68%	0.72%	0.73%	0.73%	0.67%	0.66%	0.48%	0.48%	0.47%	0.46%
(22)	SOLAR		%	0.03%	0.05%	0.05%	0.05%	0.05%	0.05%	0.05%	0.06%	0.05%	0.05%	0.05%
(23)	WIND		%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
(24)	OTHER RENEW.		%	0.04%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
(25)	TOTAL:		%	1.16%	1.32%	1.33%	1.42%	1.58%	1.51%	1.46%	1.27%	1.20%	1.16%	1.14%
(26)	OTHER		%	5.24%	2.63%	2.88%	3.04%	2.82%	3.03%	3.61%	4.11%	4.10%	4.15%	4.06%
(27)	NET ENERGY FOR LOAD		%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%

**2011
LOAD AND RESOURCE PLAN
STATE OF FLORIDA**

**FRCC Form 13
SUMMARY AND SPECIFICATIONS OF PROPOSED TRANSMISSION LINES
AS OF JANUARY 1, 2011**

(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	SMITH	LAGUNA BEACH #2	14	12 / 2012	230	602	NA
GPC	HIGHLAND CITY	CALLAWAY	4	6 / 2015	230	602	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

* 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 2011 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) *(formerly RRI Energy Services)*
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, 2010**

(1) FACILITY NAME	(2) UNIT NO.	(3) LOCATION (COUNTY)	(4)-(7) POTENTIAL EXPORT TO GRID AT TIME OF PEAK				(8)-(9) GROSS CAPABILITY		(10)-(11) NET CAPABILITY		(12) UNIT TYPE	(13) FUEL TYPE	(14) PRI ALT	(15) COMMERCIAL IN-SERVICE MO. / YEAR	(16) RETIREMENT MO. / YEAR	(17) OWNERSHIP	(18) UNIT STATUS	(19) CONTRACT STATUS		
			FIRM		UNCOMMITTED		SUM	WIN	SUM	WIN										
			SUM (MW)	WIN (MW)	SUM (MW)	WIN (MW)	SUM (MW)	WIN (MW)	SUM (MW)	WIN (MW)										
AUBURNDALE POWER PARTNERS (APP)																				
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)
CALPINE EASTERN (CAL)																				
AUBURNDALE PEAKER ENERGY CTR	CTP	POLK	117.0	117.0	5.0	9.0		130.1	(1)	122.0	125.0	GT	NG	DFO	5 / 2002	- / -	MER	OP	C	
OSPREY ENERGY CENTER	CT1	POLK	393.0	413.0	197.0	187.0	(2)	192.1	(1)	175.0	180.0	CT	NG		5 / 2004	- / -	MER	OP	C	
OSPREY ENERGY CENTER	CT2	POLK	-	-	-	-		192.1	(1)	175.0	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	(4)
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	(4)
DESOTO COUNTY GENERATING CO. (DES)																				
DESOTO COUNTY	1	DESOTO	0	0	157	175		160	178	157	175	GT	NG	DFO	5 / 2002	- / -	MER	OP	NC	(5)
DESOTO COUNTY	2	DESOTO	0	0	157	175		160	178	157	175	GT	NG	DFO	5 / 2002	- / -	MER	OP	NC	(5)
GENERAL ELECTRIC (GE)																				
SHADY HILLS POWER CO.	1 GT	PASCO	156	171	0	0		156	171	156	171	GT	NG	DFO	2 / 2002	- / -	MER	OP	C	(6)
SHADY HILLS POWER CO.	2 GT	PASCO	156	171	0	0		156	171	156	171	GT	NG	DFO	2 / 2002	- / -	MER	OP	C	
SHADY HILLS POWER CO.	3 GT	PASCO	156	171	0	0		156	171	156	171	GT	NG	DFO	2 / 2002	- / -	MER	OP	C	
GENON ENERGY SERVICES (GON)																				
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	474	510	GT	NG	DFO	12 / 2001	- / -	MER	OP	C	
NORTHERN STAR GENERATION (NSG)																				
VANDOLAH POWER CO.	1-4	HARDEE	630	630	10	25		650	670	640	655	GT	NG	DFO	6 / 2002	6 / 2042	MER	OP	NC	
SOUTHERN POWER COMPANY (SOU)																				
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:			3,003.0	3,171.4	786.0	849.8				3,789.0	4,021.2									

(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) Santa Rosa Energy Center has a contract with Snapping Shoals (outside of Florida) if they do not call on the contract then Calpine Energy Services has the right to dispatch the uncommitted load from the facility.

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

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

(7) The Indian River plant (576 MW) was mothballed in January 2010, and is not counted under the total Net Capability for the State.

**PLANNED AND PROSPECTIVE MERCHANT GENERATION FACILITIES
IN FLORIDA
January 1, 2010 Through December 31, 2019
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 MO. / YEAR	RETIREMENT MO. / YEAR	OWNERSHIP	UNIT STATUS	CONTRACT STATUS
			FIRM		UNCOMMITTED		SUM	WIN	SUM	WIN		PRI	ALT					
			SUM (MW)	WIN (MW)	SUM (MW)	WIN (MW)	(MW)	(MW)	(MW)	(MW)								
<u>AUBURNDALE POWER PARTNERS</u>																		
No Activity Reported																		
<u>CALPINE EASTERN</u>																		
No Activity Reported																		
<u>DESOTO COUNTY GENERATING</u>																		
No Activity Reported																		
<u>GENERAL ELECTRIC</u>																		
No Activity Reported																		
<u>GENON ENERGY SERVICES</u>																		
No Activity Reported																		
<u>NORTHERN STAR GENERATION</u>																		
No Activity Reported																		
<u>SOUTHERN POWER COMPANY</u>																		
No Activity Reported																		

**PLANNED AND PROSPECTIVE MERCHANT GENERATION FACILITIES
IN FLORIDA
January 1, 2011 Through December 31, 2020
ORDERED BY IN-SERVICE DATE**

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)		
ENTITY	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 MO. / YEAR	RETIREMENT MO. / YEAR	OWNERSHIP	UNIT STATUS	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>2011</u>																					
No Activity Reported																					
<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																					
2011 - 2020 TOTALS:				0.0	0.0	0.0	0.0			0.0	0.0										

SUMMARY OF MERCHANT FIRM CAPACITY AND ENERGY CONTRACTS
As of January 1, 2011

(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	SOU	6/1/2007	5/31/2012	164	176	Unit 1 (Oleander Power)
PEF	APP	4/7/1994	12/31/2013	114.18	114.18	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	478	520	Toll to Florida Progress for 100% of output (Capability based on contract ambient conditions)
PEF	NSG	3/31/1991	12/31/2023	79.2	79.2	Firm capacity and energy. Under a 1996 Settlement Agreement, OCL agreed to partial curtailment of offpeak energy deliveries during certain months of the year (Orlando Cogen).
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 output for that year. Avg. expected annual output in range of 630 MW.
PEF	GON	5/1/2010	5/31/2012	158	158	CT Capacity Purchase (Capacity purchased by GON from Northern Star Generation's Vandolah Generating Station)
PEF	GON	6/1/2011	5/31/2012	158	158	CT Capacity Purchase (Capacity purchased by GON from Northern Star Generation's Vandolah Generating Station)
RES	NSG	6/1/2002	5/31/2012	630	630	Tolling agreement pursuant to which Vandolah supplies all of its capacity and energy to GON for 10 years.

SUMMARY OF MERCHANT FIRM CAPACITY AND ENERGY CONTRACTS
As of January 1, 2011

(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)	
SEC	CAL	10/7/2005	5/31/2014	340	360	Firm capacity and energy. SEC has rights to partial dispatch of energy (Osprey)
SEC	CAL	6/1/2016	5/31/2019	245	250	Intermediate firm capacity purchase.
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	1/1/2010	12/31/2011	117	117	Firm capacity and energy. Total capacity and energy is 170 MW, shared supply with Osprey Energy Ctr
TEC	CAL	1/1/2010	12/31/2011	53	53	Firm capacity and energy. Total capacity and energy is 170 MW, shared supply with APEC
TEC	GON	1/1/2008	5/31/2012	158	158	CT Capacity Purchase. (Capacity purchased by GON from Northern Star Vandolah Generating Station)

**2011
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)
2011	3,108.0	681.0	3,789.0	2011/12	3,159.4	861.8	4,021.2
2012	2,353.0	1,436.0	3,789.0	2012/13	2,509.4	1,511.8	4,021.2
2013	2,353.0	1,436.0	3,789.0	2013/14	2,378.2	1,643.0	4,021.2
2014	1,416.8	2,372.2	3,789.0	2014/15	1,553.2	2,468.0	4,021.2
2015	1,416.8	2,372.2	3,789.0	2015/16	1,553.2	2,468.0	4,021.2
2016	1,661.8	2,127.2	3,789.0	2016/17	1,803.2	2,218.0	4,021.2
2017	1,661.8	2,127.2	3,789.0	2017/18	1,803.2	2,218.0	4,021.2
2018	1,661.8	2,127.2	3,789.0	2018/19	1,803.2	2,218.0	4,021.2
2019	1,416.8	2,372.2	3,789.0	2019/20	1,553.2	2,468.0	4,021.2
2020	1,416.8	2,372.2	3,789.0	2020/21	1,553.2	2,468.0	4,021.2

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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