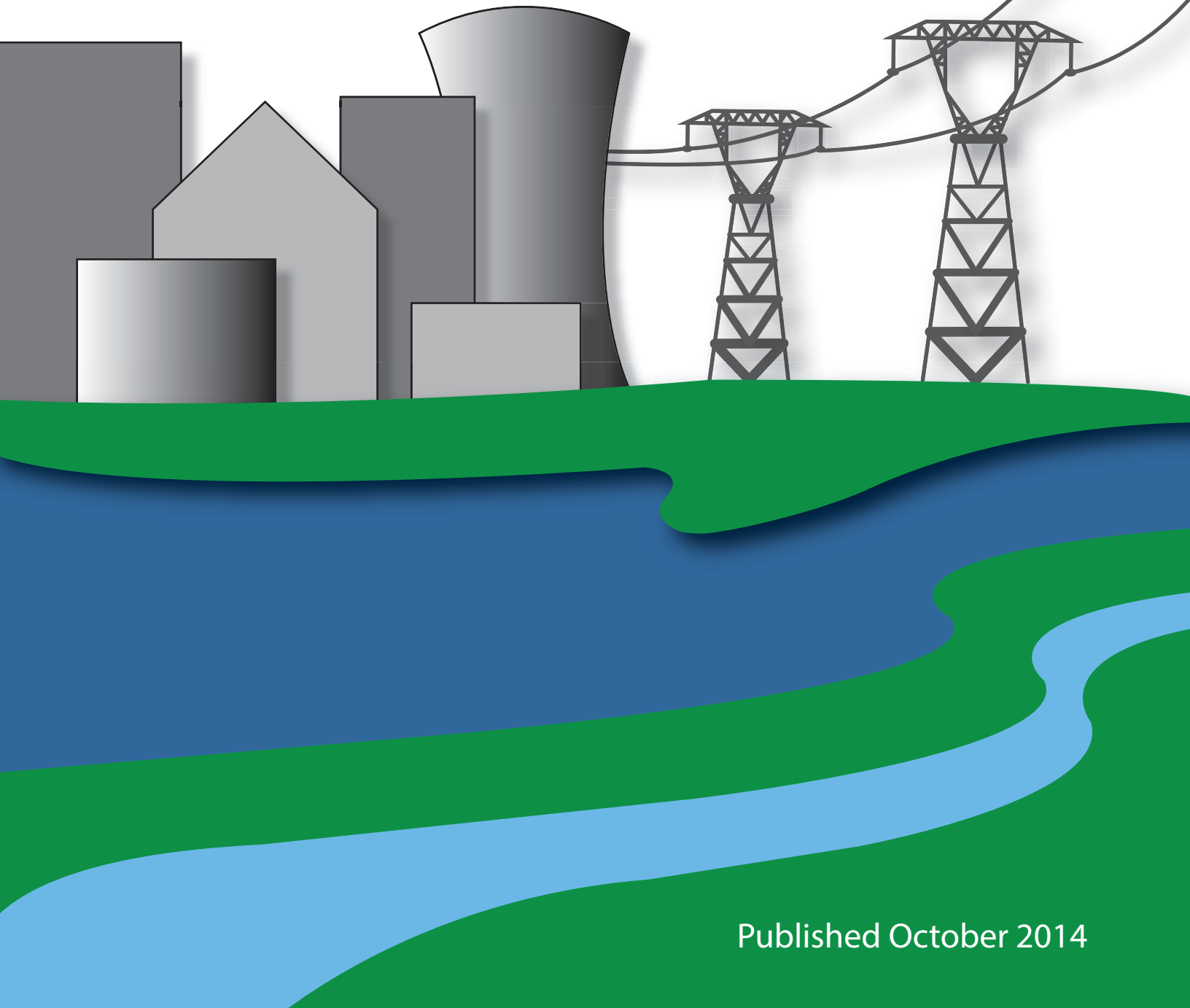


STATISTICS OF THE
**Florida Electric
Utility Industry**



FLORIDA
PUBLIC
SERVICE
COMMISSION



Published October 2014

Statistics of the Florida Electric Utility Industry

2013

In partial fulfillment of Section 377.703, Florida Statutes, this publication provides a single comprehensive source of statistics on Florida's electric utility industry.

Information was compiled primarily from three sources: the Federal Energy Information Administration, the Florida Reliability Coordinating Council, and Florida electric utilities. The Florida Public Service Commission has not audited the data and cannot verify its accuracy. Information compiled from electric utilities may be incomplete or inaccurate; therefore, totals may deviate from totals reported by other institutions.

This report is compiled by the Florida Public Service Commission's
Office of Consumer Assistance & Outreach

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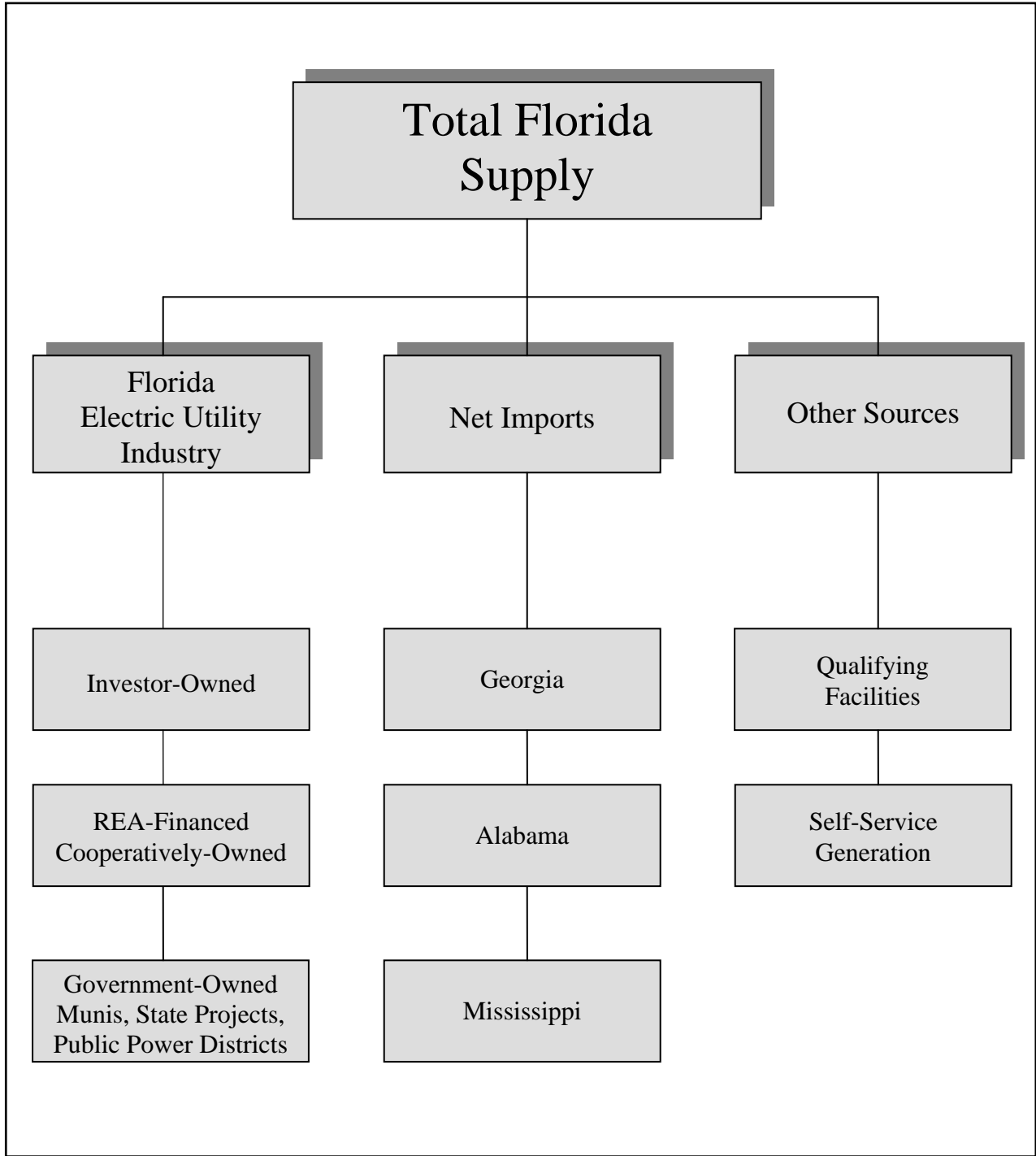
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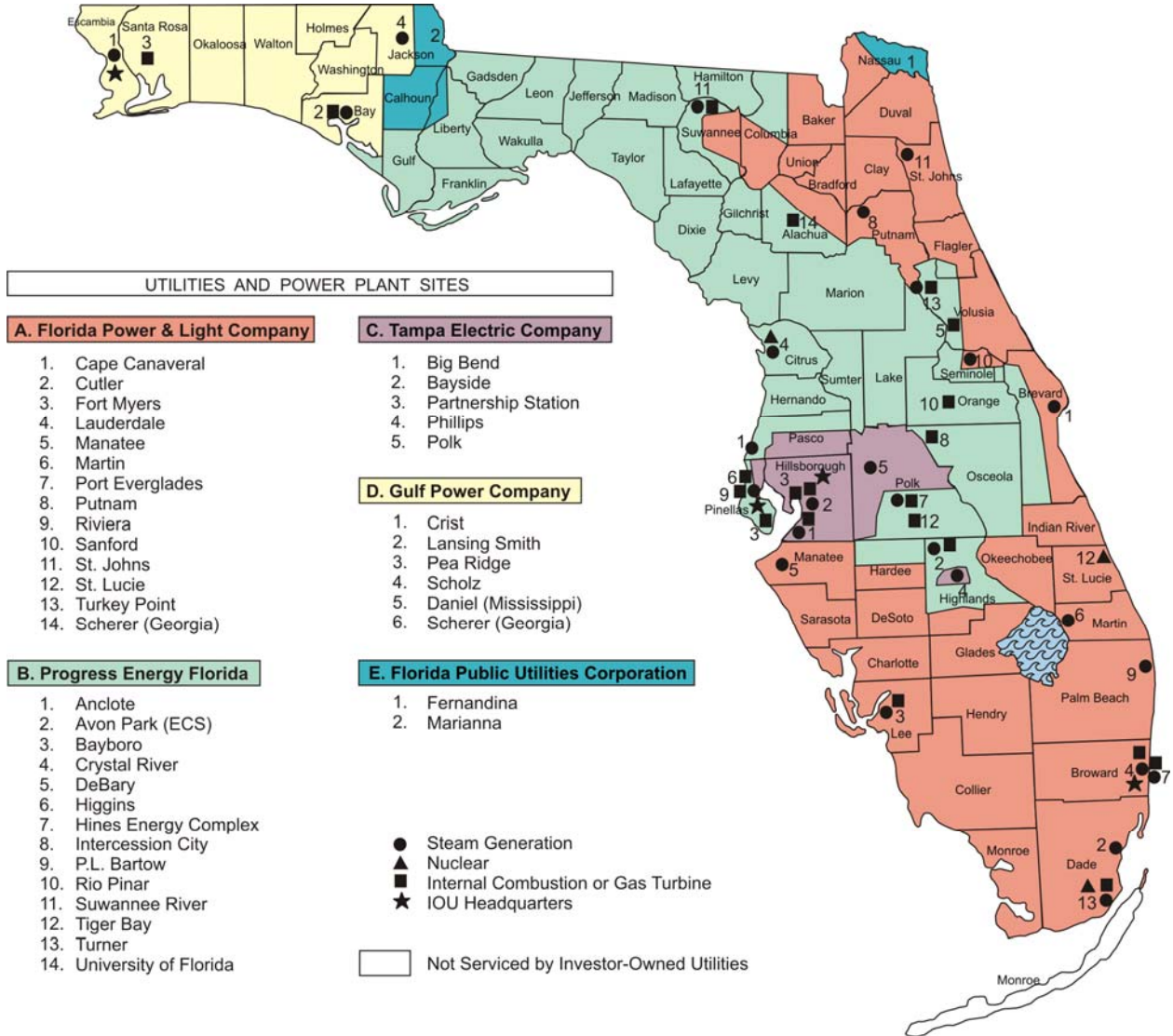
Overview

Figure 1

**Florida Sources of Electricity
by Type of Ownership**



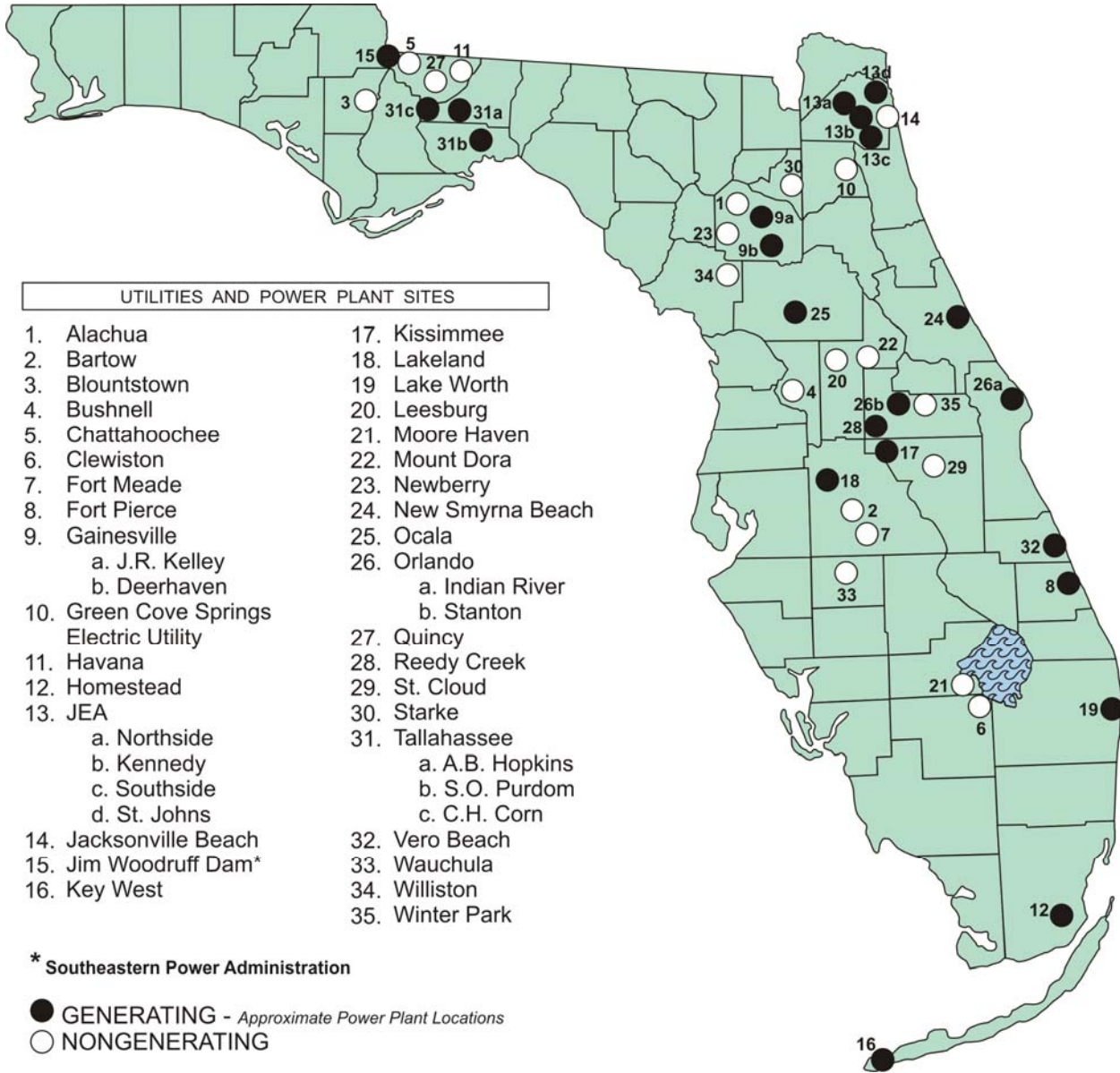
Approximate Company Service Areas Investor-Owned Electric Utilities



Service areas are approximations.
 Information on this map should be used only as a general guideline.
 For more detailed information, contact individual utilities.

Source:
 Florida Public Service Commission

Municipal Electric Utilities

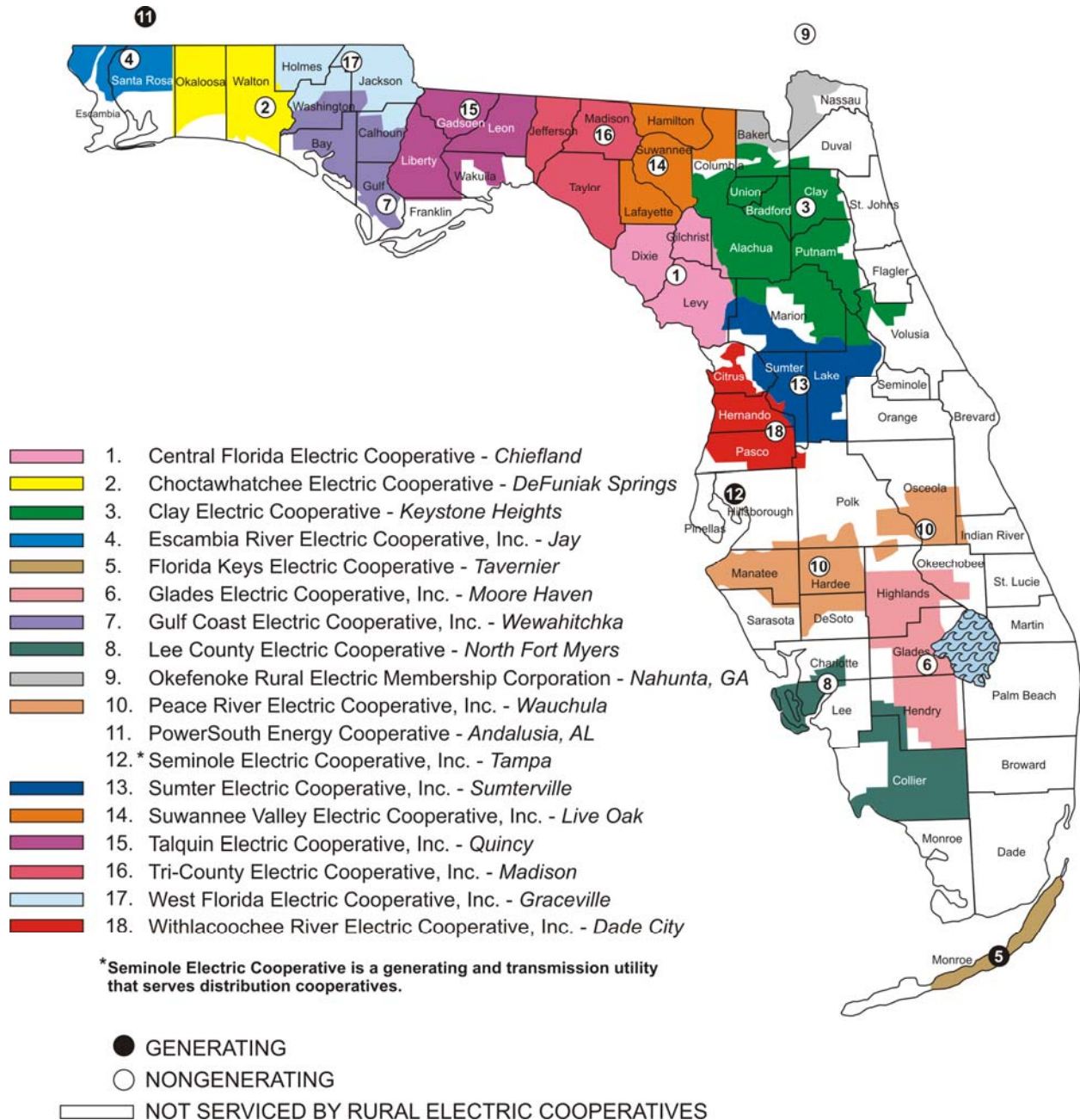


Information on this map should be used only as a general guideline.
For more detailed information, contact individual utilities.

Source:
Florida Public Service Commission

Approximate Company Service Areas

Rural Electric Cooperatives



Service areas are approximations.
 Information on this map should be used only as a general guideline.
 For more detailed information, contact individual utilities.

Source:
 Florida Public Service Commission

**Florida Electric Utility Industry
2013**

Investor-Owned Systems

Duke Energy Florida, Inc. (DEF)**
Florida Power & Light Company (FPL)
Florida Public Utilities Company (FPUC)
Gulf Power Company (GPC)
Tampa Electric Company (TECO)

Generating Municipal Systems

Florida Municipal Power Agency (FMPA)
Fort Pierce Utilities Authority (FTP)
Gainesville Regional Utilities (GRU)
Homestead, City of (HST)
JEA (formerly Jacksonville Electric Authority)
Key West Utility Board, City of (KEY)
Kissimmee Utility Authority (KUA)
Lake Worth Utilities Authority (LWU)
Lakeland, City of (LAK)
New Smyrna Beach, Utilities Commission of (NSB)
Ocala Electric Utility (OEU)
Orlando Utilities Commission (OUC)
Reedy Creek Utilities (RCU)
St. Cloud, City of (STC)*
Tallahassee, City of (TAL)
Vero Beach, City of (VER)

Generating Rural Electric Cooperatives

Florida Keys Electric Cooperative, Inc. (FKE)
Seminole Electric Cooperative, Inc. (SEC)
Alabama Electric Cooperative, Inc. (AEC)

Generating - Other

Southeastern Power Administration (SPA)
(Jim Woodruff Dam)

Non-Generating Municipal Systems

Alachua, City of (ALA)
Bartow, City of (BAR)
Blountstown, City of (BLT)
Bushnell, City of (BUS)
Chattahoochee, City of (CHA)
Clewiston, City of (CLE)
Fort Meade, City of (FMD)
Green Cove Springs, City of (GCS)
Havana, Town of (HAV)
Jacksonville Beach, City of (JBH)
Leesburg, City of (LEE)
Moore Haven, City of (MHN)
Mount Dora, City of (MTD)
Newberry, City of (NEW)
Quincy, City of (QUI)
Starke, City of (STK)
Wauchula, City of (WAU)
Williston, City of (WIL)
Winter Park, City of (WPK)

Non-Generating Rural Electric Cooperatives

Central Florida Electric Cooperative, Inc. (CFC)
Choctawhatchee Electric Cooperative, Inc. (CHW)
Clay Electric Cooperative, Inc. (CEC)
Escambia River Electric Cooperative, Inc. (ESC)
Glades Electric Cooperative, Inc. (GEC)
Gulf Coast Electric Cooperative, Inc. (GCC)
Lee County Electric Cooperative, Inc. (LEC)
Okfenoke Rural Electric Membership Corp. (OKC)
Peace River Electric Cooperative, Inc. (PRC)
Sumter Electric Cooperative, Inc. (SMC)
Suwannee Valley Electric Cooperative, Inc. (SVC)
Talquin Electric Cooperative, Inc. (TAC)
Tri-County Electric Cooperative, Inc. (TRC)
West Florida Electric Cooperative, Inc. (WFC)
Withlacoochee River Electric Cooperative, Inc. (WRC)

*St. Cloud served by Orlando Utilities Commission

**Progress Energy Florida, Inc. changed its name to Duke Energy Florida, Inc. on April 29, 2013

**Counties Served by Generating Electric Utilities
2013**

Utility	County
<u>Investor-Owned Systems</u> Duke Energy Florida, Inc.*	Alachua, Bay, Brevard, Citrus, Columbia, Dixie, Flagler, Franklin, Gadsden, Gilchrist, Gulf, Hamilton, Hardee, Hernando, Highlands, Jefferson, Lafayette, Lake, Leon, Levy, Liberty, Madison, Marion, Orange, Osceola, Pasco, Pinellas, Polk, Seminole, Sumter, Suwannee, Taylor, Volusia, Wakulla
Florida Power & Light Company	Alachua, Baker, Bradford, Brevard, Broward, Charlotte, Clay, Collier, Columbia, Dade, DeSoto, Duval, Flagler, Glades, Hardee, Hendry, Highlands, Indian River, Lee, Manatee, Martin, Monroe, Nassau, Okeechobee, Palm Beach, Putnam, St. Johns, St. Lucie, Sarasota, Seminole, Suwannee, Union, Volusia
Florida Public Utilities Company	Calhoun, Jackson, Liberty, Nassau
Gulf Power Company	Bay, Escambia, Holmes, Jackson, Okaloosa, Santa Rosa, Walton, Washington
Tampa Electric Company	Hillsborough, Pasco, Pinellas, Polk
<u>Municipal Systems</u>	
Fort Pierce	St. Lucie
Gainesville	Alachua
Homestead	Dade
JEA	Clay, Duval, St. Johns
Key West	Monroe
Kissimmee	Osceola
Lakeland	Polk
Lake Worth	Palm Beach
New Smyrna Beach	Volusia
Orlando	Orange
Reedy Creek	Orange
Starke	Bradford
Tallahassee	Leon
Vero Beach	Indian River
<u>Rural Electric Cooperatives</u>	
Florida Keys Electric Cooperative	Monroe

*Progress Energy Florida, Inc. changed its name to Duke Energy Florida, Inc. on April 29, 2013

**Counties Served by Non-Generating Electric Utilities
2013**

Utility	County
<u>Municipal Systems</u>	
Alachua	Alachua
Bartow	Polk
Blountstown	Calhoun
Bushnell	Sumter
Chattahoochee	Gadsden
Clewiston	Hendry
Fort Meade	Polk
Gainesville	Alachua
Green Cove Springs	Clay
Havana	Gadsden
Jacksonville Beach	Duval, St. Johns
Leesburg	Lake
Moore Haven	Glades
Mount Dora	Lake
Newberry	Alachua
Ocala	Marion
Quincy	Gadsden
Wauchula	Hardee
Williston	Levy
Winter Park	Orange
<u>Rural Electric Cooperatives</u>	
Central Florida	Alachua, Dixie, Gilchrist, Levy, Marion
Choctawhatchee	Holmes, Okaloosa, Santa Rosa, Walton
Clay	Alachua, Baker, Bradford, Clay, Columbia, Duval, Flagler, Lake, Levy, Marion, Putnam, Suwannee, Union, Volusia
Escambia River	Escambia, Santa Rosa
Glades	Glades, Hendry, Highlands, Okeechobee
Gulf Coast	Bay, Calhoun, Gulf, Jackson, Walton, Washington
Lee County	Charlotte, Collier, Hendry, Lee
Okefenoke	Baker, Nassau
Peace River	Brevard, DeSoto, Hardee, Highlands, Hillsborough, Indian River, Manatee, Osceola, Polk, Sarasota
Sumter	Citrus, Hernando, Lake, Levy, Marion, Pasco, Sumter
Suwannee Valley	Columbia, Hamilton, Lafayette, Suwannee
Talquin	Franklin, Gadsden, Leon, Liberty, Wakulla
Tri-County	Dixie, Jefferson, Madison, Taylor
West Florida	Calhoun, Holmes, Jackson, Washington
Withlacoochee	Citrus, Hernando, Pasco, Polk, Sumter

**Summary of Financial Statistics for
Investor-Owned Utilities (IOUs)**

**Table 1
Summary Statistics
2009-2013**

	2009	Percent Change 2009-2010	2010	Percent Change 2010-2011	2011	Percent Change 2011-2012	2012	Percent Change 2012-2013	2013
I. Nameplate Capacity/Capability (MW)*									
A. By Prime Mover									
Conventional Steam	19,611	4.9	20,563	-3.2	19,909	-10.4	17,837	0.0	17,837
Internal Combustion and Gas Turbine	8,280	-10.0	7,454	9.8	8,184	173.0	22,345	0.0	22,345
Combined Cycle	20,275	4.8	21,245	7.8	22,908	-62.0	8,697	0.0	8,697
Hydroelectric	52	0.0	52	0.0	52	0.0	52	0.0	52
Steam - Nuclear	3,991	-2.0	3,913	0.9	3,947	-12.1	3,471	0.0	3,471
Other	0	0.0	0	0.0	0	0.0	0	0.0	0
B. By Type of Ownership									
Investor-Owned	39,788	0.9	40,161	3.0	41,367	-6.0	38,890	0.0	38,890
Municipal and Cooperatives	12,420	5.2	13,065	4	13,633	-0.9	13,512	0.0	13,512
Total Nameplate Capacity/Capability	52,208	1.9	53,226	3.3	54,999	-4.7	52,402	0.0	52,402
II. Interchange and Generation (GWH)									
A. By Prime Mover									
Conventional Steam	75,240	-0.2	75,106	-11.4	66,536	-11.8	58,704	-3.4	56,715
Internal Combustion and Combustion Turbine	3,724	5.2	3,918	-3.2	3,793	-26.5	2,789	-34.5	1,828
Combined Cycle	101,282	12.3	113,770	9.1	124,106	11.7	138,587	-4.1	132,906
Hydroelectric	28	-10.7	25	-68.0	8	12.5	9	222.2	29
Steam - Nuclear	29,202	-17.1	24,215	-5.7	22,828	-20.8	18,088	47.5	26,672
B. By Fuel Type (GWH)									
Coal	57,901	5.9	61,323	-8.7	56,014	-15.1	47,542	6.8	50,775
Oil	6,283	-5.7	5,925	-80.1	1,178	-42.1	682	-28.6	487
Natural Gas	116,062	8.2	125,546	9.3	137,243	10.6	151,856	-7.7	140,187
Nuclear	29,202	-17.1	24,215	-5.7	22,828	-20.8	18,088	47.5	26,672
Hydroelectric	28	-10.7	25	-68.0	8	12.5	9	222.2	29
Total Generation	209,476	3.6	217,034	0.1	217,271	0.4	218,177	0.0	218,150
Net Interchange, Non-Utility Generators, and Other	29,938	0.7	30,135	-32.3	20,387	-20.6	16,189	4.2	16,875
Total Net Interchange and Generation	239,414	3.2	247,169	-3.8	237,658	-1.4	234,366	0.3	235,025
III. Sales to Ultimate Consumers (GWH)									
A. By Class of Customer									
Residential	113,341	4.9	118,870	-4.5	113,554	-3.9	109,182	0.8	110,087
Commercial	80,939	-1.0	80,128	0.2	80,284	-0.1	80,216	0.8	80,893
Industrial	20,811	-0.5	20,708	-0.7	20,556	-1.3	20,293	-3.2	19,645
Other	6,221	0.0	6,224	-0.5	6,192	0.1	6,200	-1.1	6,133
B. By Type of Ownership									
Investor-Owned	171,539	2.3	175,426	-2.0	171,851	-1.7	168,917	0.4	169,645
Municipal and Cooperatives	49,773	1.5	50,504	-3.5	48,735	-3.6	46,974	0.3	47,113
Total Sales to Ultimate Customer	221,312	2.1	225,930	-2.4	220,586	-2.1	215,891	0.4	216,758
IV. Utility Use and Losses and Net Wh. Resale (GWH)	18,102	17.3	21,239	-19.6	17,072	8.2	18,475	-1.1	18,267

*For 2000 onward supply will be reported as Summer Net Capability rather than Winter Net Capacity to be more conservative. Winter Net Capacity will continue to be reported elsewhere in this report.

Table 1 (continued)
Summary Statistics
2009-2013

	2009	Percent Change		Percent Change		Percent Change		Percent Change	
		2009-2010	2010	2010-2011	2011	2011-2012	2012	2012-2013	2013
V. Florida Population (Thousands)	18,538	0.8	18,678	2.0	19,058	0.1	19,074	2.5	19,553
VI. Consumption per Capita (KWH)									
A. Total Sales per Capita	11,938	1.3	12,096	-4.3	11,574	-2.2	11,319	-2.1	11,086
B. Residential Sales per Capita	6,114	4.1	6,364	-6.4	5,958	-3.9	5,724	-1.6	5,630
VII. Net Generation per Capita (KWH)	12,915	2.5	13,233	-5.8	12,470	-1.5	12,287	-2.2	12,020
VIII. Average Annual Residential Consumption per Customer (KWH)	13,678	4.7	14,322	-4.9	13,627	-4.2	13,058	-0.4	13,002
IX. Number of Customers									
A. By Class of Service									
Residential	8,198,739	0.4	8,233,064	-1.3	8,122,768	-1.9	7,966,904	1.4	8,075,941
Commercial	1,006,430	0.5	1,011,451	-0.9	1,001,934	-2.5	977,271	0.8	985,503
Industrial	29,192	-4.9	27,752	-13.5	24,014	1.6	24,407	19.2	29,103
Other	73,529	-0.1	73,440	1.1	74,238	71.0	126,937	3.4	131,297
Total	<u>9,307,891</u>	0.4	<u>9,345,707</u>	-1.3	<u>9,222,953</u>	-1.4	<u>9,095,519</u>	1.4	<u>9,221,844</u>
X. Customer Revenues									
A. By Class of Service (in Thousands)									
Residential	\$13,879,777	-5.4	\$13,130,852	-3.2	\$12,705,770	-6.7	\$11,852,134	4.7	\$12,409,792
Commercial	8,186,033	-12.5	7,165,633	1.9	7,303,597	-4.3	6,990,684	-1.2	6,905,538
Industrial	2,322,558	-19.5	1,869,629	7.9	2,017,392	-20.8	1,597,629	26.2	2,015,606
Other	828,870	-6.6	774,006	2.8	795,924	-7.1	739,474	-1.4	729,113
Total	<u>\$25,217,238</u>	-9.0	<u>\$22,940,120</u>	-0.5	<u>\$22,822,684</u>	-7.2	<u>\$21,179,921</u>	4.2	<u>\$22,060,049</u>
B. By Class of Service (as a % of Total)									
Residential	55.0 %		57.2 %		55.7 %		56.0 %		56.3 %
Commercial	32.5		31.2		32.0		33.0		31.3
Industrial	9.2		8.2		8.8		7.5		9.1
Other	3.3		3.4		3.5		3.5		3.3
Total	<u>100 %</u>		<u>100 %</u>		<u>100 %</u>		<u>100 %</u>		<u>100 %</u>

Sources: EIA-826
Form PSC/CAO - 1, 2, 4
U.S. Census Bureau, Washington D.C. 20233
Regional Load and Resource Plan, FRCC

Table 2
Allowed and Actual Rates of Return
2009-2013

	2009	Change (%) 2009-2010	2010	Change (%) 2010-2011	2011	Change (%) 2011-2012	2012	Change (%) 2012-2013	2013
Average per Book Rate of Return									
Florida Power & Light Company	7.20 %	3.33	7.44 %	-0.94	7.37 %	-4.48	7.04 %	-0.28	7.02 %
Gulf Power Company	6.91	-1.74	6.79	-18.11	5.56	5.94	5.89	-6.11	5.53
Duke Energy Florida, Inc.**	7.19	7.09	7.70	-31.04	5.31	15.07	6.11	13.42	6.93
Tampa Electric Company	7.06	11.90	7.90	-5.06	7.50	-7.33	6.95	-11.37	6.16
Average Adjusted Rate of Return									
Florida Power & Light Company	6.54 %	5.35	6.89 %	0.15	6.90 %	-1.01	6.83 %	-3.81	6.57 %
Gulf Power Company	6.68	-10.78	5.96	-29.53	4.20	29.76	5.45	-6.42	5.10
Duke Energy Florida, Inc.**	7.30	10.14	8.04	-33.33	5.36	1.68	5.45	31.01	7.14
Tampa Electric Company	7.11	13.78	8.09	-7.66	7.47	-7.50	6.91	-11.43	6.12
Required Rate of Return*									
Florida Power & Light Company	7.30 %	-12.05	6.42 %	0.16	6.43 %	-1.09	6.36 %	0.00	6.36 %
Gulf Power Company	7.09	-2.26	6.93	-0.43	6.90	-12.32	6.05	-4.96	5.75
Duke Energy Florida, Inc.**	8.56	-10.16	7.69	-4.81	7.32	-1.23	7.23	-2.63	7.04
Tampa Electric Company	8.02	-2.00	7.86	-2.29	7.68	-5.21	7.28	-10.99	6.48
Adjusted Jurisdictional Year-End Rate Base (Millions)									
Florida Power & Light Company	\$16,768	1.24	\$16,976	14.15	\$19,378	8.45	\$21,015	16.19	\$24,417
Gulf Power Company	1,407	6.75	1,502	10.25	1,656	9.48	1,813	6.18	1,925
Duke Energy Florida, Inc.**	6,309	5.23	6,639	9.44	7,266	5.26	7,648	9.22	8,353
Tampa Electric Company	3,616	1.94	3,686	4.40	3,848	-0.94	3,812	5.61	4,026

*Average Capital Structure - Midpoint

**Progress Energy Florida, Inc. changed its name to Duke Energy Florida, Inc. on April 29, 2013

Source: December Earnings Surveillance Reports, Schedule 1

Table 3
Sources of Revenue
Investor-Owned Electric Utilities
(Percentage of Total Sales)
2009-2013

	2009	Change (%) 2009-2010	2010	Change (%) 2010-2011	2011	Change (%) 2011-2012	2012	Change (%) 2012-2013	2013
Florida Power & Light Company									
Residential	55.20 %	3.13	56.93 %	-1.67	55.98 %	0.27	56.13 %	0.56	56.45 %
Commercial	40.46	-4.98	38.45	2.43	39.38	0.01	39.39	-1.87	38.65
Industrial	2.46	-12.75	2.15	2.17	2.20	-5.07	2.09	-7.57	1.93
Other	0.77	8.83	0.83	-0.66	0.83	-0.59	0.82	2.74	0.85
Resale	1.11	48.42	1.64	-1.58	1.62	-2.47	1.58	35.39	2.13
Total Sales (Millions)	\$11,672.73	-14.54	\$9,976.05	4.23	\$10,398.45	-4.19	\$9,963.00	-0.16	\$9,947.18
Gulf Power Company									
Residential	46.38 %	-2.70	45.12 %	-4.91	42.91 %	0.79	43.25 %	3.85	44.91 %
Commercial	30.01	-6.76	27.98	-1.54	27.55	0.49	27.69	0.29	27.77
Industrial	11.21	-10.67	10.01	7.02	10.72	-7.01	9.97	-3.49	9.62
Other	2.95	-6.15	2.76	-6.44	2.59	-2.04	2.53	-11.44	2.24
Resale	9.45	49.29	14.11	15.03	16.24	2.02	16.56	-6.69	15.46
Total Sales (Millions)	\$1,378.93	12.67	\$1,553.70	-2.59	\$1,513.51	-7.83	\$1,395.08	-4.11	\$1,337.71
Duke Energy Florida, Inc.*									
Residential	57.34 %	4.14	59.72 %	-2.58	58.18 %	-2.09	56.96 %	2.67	58.49 %
Commercial	28.46	-5.11	27.01	4.06	28.10	2.67	28.85	-2.56	28.11
Industrial	6.70	-8.28	6.14	4.16	6.40	2.05	6.53	-6.25	6.12
Other	7.50	-4.88	7.13	2.65	7.32	4.57	7.66	-4.89	7.28
Resale	8.89	-15.31	7.53	-24.41	5.69	-15.48	4.81	-2.68	4.68
Total Sales (Millions)	\$4,611.20	0.36	\$4,627.70	-9.24	\$4,199.94	-0.29	\$4,187.80	-6.46	\$3,917.13
Tampa Electric Company									
Residential	48.95 %	3.56	50.69 %	-0.70	50.33 %	-2.22	49.22 %	1.46	49.93 %
Commercial	31.16	-4.10	29.88	3.73	31.00	1.38	31.42	-1.42	30.98
Industrial	8.69	-0.36	8.66	-5.76	8.16	11.27	9.08	1.12	9.18
Other	9.24	-4.34	8.84	6.06	9.37	0.80	9.45	0.09	9.45
Resale	1.97	-1.63	1.94	-41.11	1.14	-26.64	0.84	-45.87	0.45
Total Sales (Millions)	\$2,211.48	-2.85	\$2,148.52	-8.01	\$1,976.32	-1.41	\$1,948.48	-3.71	\$1,876.15

*Progress Energy Florida, Inc. changed its name to Duke Energy Florida, Inc. on April 29, 2013

Source: Form PSC/CAO - 4

FERC Form 1

Table 4
Uses of Revenue
Investor-Owned Electric Utilities
(Percentage of Total Operating Revenue)
2009-2013

	2009	Change (%) 2009-2010	2010	Change (%) 2010-2011	2011	Change (%) 2011-2012	2012	Change (%) 2012-2013	2013
Florida Power & Light Company									
Fuel	42.46 %	-7.28	39.37 %	-9.84	35.49 %	-6.03	33.35 %	-8.51	30.51 %
Other Operation and Maintenance	24.67	-4.96	23.45	16.36	27.28	-2.67	26.56	-14.13	22.80
Depreciation and Amortization	8.68	2.13	8.86	-14.03	7.62	-6.68	7.11	52.28	10.83
Taxes Other Than Income Taxes	9.55	2.75	9.81	2.28	10.04	5.44	10.58	3.93	11.00
Income Taxes	5.03	27.23	6.40	1.35	6.49	15.42	7.49	14.86	8.60
Interest	2.76	24.71	3.44	5.51	3.63	7.09	3.89	-1.78	3.82
Utility Net Operating Income Less Interest	6.85	26.50	8.66	9.05	9.45	16.67	11.02	12.83	12.44
Total Operating Revenue (Millions)	\$11,487.76	-8.75	\$10,482.02	1.21	\$10,609.21	-5.43	\$10,033.45	1.80	\$10,214.49
Gulf Power Company									
Fuel	42.55 %	7.95	45.94 %	-5.72	43.31 %	-12.84	37.75 %	-2.20	36.92 %
Other Operation and Maintenance	28.54	-14.12	24.51	9.01	26.71	1.34	27.07	1.62	27.51
Depreciation and Amortization	7.25	6.19	7.70	11.54	8.59	14.91	9.87	5.42	10.41
Taxes Other Than Income Taxes	7.26	-11.80	6.40	4.14	6.66	1.40	6.76	1.03	6.83
Income Taxes	4.17	7.88	4.50	-8.58	4.12	32.32	5.45	1.76	5.54
Interest	2.95	10.80	3.26	17.24	3.83	9.37	4.18	-7.05	3.89
Utility Net Operating Income Less Interest	7.28	5.57	7.69	-11.81	6.78	31.51	8.92	-0.16	8.90
Total Operating Revenue (Millions)	\$1,302.43	22.11	\$1,590.37	-4.43	\$1,519.95	-5.27	\$1,439.90	0.04	\$1,440.41
Duke Energy Florida, Inc.*									
Fuel	36.56 %	3.16	37.72 %	0.59	37.94 %	-16.21	31.79 %	3.93	33.04 %
Other Operation and Maintenance	29.59	13.17	33.49	15.41	38.65	-6.19	36.26	-5.33	34.32
Depreciation and Amortization	11.65	-72.52	3.20	-135.26	-1.13	-524.53	4.79	-102.50	-0.12
Taxes Other Than Income Taxes	6.61	4.16	6.89	17.22	8.07	-8.22	7.41	-1.58	7.29
Income Taxes	4.32	33.00	5.75	-23.16	4.42	13.67	5.02	80.79	9.07
Interest	4.40	11.46	4.90	11.46	5.46	0.14	5.47	-26.38	4.03
Utility Net Operating Income Less Interest	6.87	17.31	8.06	-18.26	6.59	40.63	9.27	33.44	12.36
Total Operating Revenue (Millions)	\$5,250.62	0.06	\$5,253.98	-16.84	\$4,369.04	6.76	\$4,664.49	-3.56	\$4,498.24
Tampa Electric Company									
Fuel	37.00 %	-5.83	34.84 %	5.58	36.78 %	-3.58	35.47 %	0.20	35.54 %
Other Operation and Maintenance	25.32	2.63	25.99	-7.71	23.98	2.24	24.52	-0.59	24.38
Depreciation and Amortization	15.26	-19.59	12.27	-18.37	10.02	15.86	11.61	3.84	12.05
Taxes Other Than Income Taxes	6.44	2.07	6.57	8.14	7.11	6.06	7.54	2.89	7.76
Income Taxes	4.27	28.30	5.48	12.02	6.14	-3.90	5.90	1.91	6.02
Interest	5.12	8.33	5.55	8.64	6.03	-9.23	5.47	-12.80	4.77
Utility Net Operating Income Less Interest	6.58	41.27	9.29	6.92	9.93	-4.47	9.49	-0.01	9.49
Total Operating Revenue (Millions)	\$2,267.93	-2.55	\$2,210.06	-8.62	\$2,019.64	-0.65	\$2,006.50	-3.48	\$1,936.62

*Progress Energy Florida, Inc. changed its name to Duke Energy Florida, Inc. on April 29, 2013
Source: FERC Form 1

Table 5
Proprietary Capital and Long-Term Debt
Investor-Owned Electric Utilities
2013

	Florida Power & Light Company	Gulf Power Company	Duke Energy Florida, Inc.*	Tampa Electric Company
Proprietary Capital (Thousands)				
Common Stock	\$1,373,069	\$433,060	\$354,405	\$119,697
Preferred Stock	0	150,000	0	0
Retained Earnings	5,532,381	250,494	3,036,044	194,274
Other Paid-In Capital	5,907,000	552,680	1,407,687	1,725,840
Other Adjustments	271,258	-4,605	-1,021	-6,677
Total Proprietary Capital	\$13,083,708	\$1,381,629	\$4,797,115	\$2,033,134
Long-Term Debt (Thousands)				
Bonds	\$8,123,270	\$0	\$4,565,865	\$1,650,930
Other Long-Term Debt and/or Adjustments	264,559	1,233,163	141,130	-1,423
Total Long-Term Debt	\$8,387,829	\$1,233,163	\$4,706,995	\$1,649,507
Total Proprietary Capital and Long-Term Debt	\$21,471,537	\$2,614,792	\$9,504,110	\$3,682,641
Proprietary Capital				
Common Stock	6.4 %	16.6 %	3.7 %	3.3 %
Preferred Stock	0.0	5.7	0.0	0.0
Retained Earnings	25.8	9.6	31.9	5.3
Other Paid-In Capital	27.5	21.1	14.8	46.9
Other Adjustments	1.3	-0.2	0.0	-0.2
Total Proprietary Capital	60.9 %	52.8 %	50.5 %	55.2 %
Long-Term Debt				
Bonds	37.8 %	0.0 %	48.0 %	44.8 %
Other Long-Term Debt and/or Adjustments	1.2	47.2	1.5	0.0
Total Long-Term Debt	39.1 %	47.2 %	49.5 %	44.8 %
Total Proprietary Capital and Long-Term Debt	100.0 %	100.0 %	100.0 %	100.0 %

*Progress Energy Florida, Inc. changed its name to Duke Energy Florida, Inc. on April 29, 2013

Source: FERC Form 1

Table 6
Financial Integrity Indicators
Investor-Owned Electric Utilities
2009-2013

	2009	Change (%) 2009-2010	2010	Change (%) 2010-2011	2011	Change (%) 2011-2012	2012	Change (%) 2012-2013	2013
Times Interest Earned with AFUDC									
Florida Power & Light Company	4.85 %	4.74	5.08 %	4.33	5.30 %	4.91	5.56 %	7.91	6.00 %
Gulf Power Company	4.56	1.75	4.64	-18.53	3.78	15.61	4.37	4.35	4.56
Duke Energy Florida, Inc.*	3.61	2.22	3.69	-42.55	2.12	47.17	3.12	20.83	3.77
Tampa Electric Company	3.14	17.20	3.68	0.00	3.68	-1.09	3.64	16.21	4.23
Times Interest Earned without AFUDC									
Florida Power & Light Company	4.63 %	6.70	4.94 %	4.66	5.17 %	4.45	5.40 %	7.59	5.81 %
Gulf Power Company	3.87	14.99	4.45	-20.22	3.55	19.72	4.25	3.53	4.40
Duke Energy Florida, Inc.*	3.15	12.38	3.54	-45.20	1.94	50.52	2.92	27.05	3.71
Tampa Electric Company	3.03	20.46	3.65	0.27	3.66	-1.37	3.61	14.13	4.12
AFUDC as a Percentage of Net Income Interest Coverage Ratio									
Florida Power & Light Company	7.94 %	-40.81	4.70 %	-12.13	4.13 %	27.36	5.26 %	-0.19	5.25 %
Gulf Power Company	26.64	-72.26	7.39	59.00	11.75	-54.38	5.36	28.17	6.87
Duke Energy Florida, Inc.*	25.68	-63.94	9.26	59.40	14.76	1.42	14.97	-75.22	3.71
Tampa Electric Company	7.90	-84.68	1.21	-43.80	0.68	164.71	1.80	147.22	4.45
Percent Internally Generated Funds									
Florida Power & Light Company	100.32 %	-34.76	65.45 %	-2.78	63.63 %	31.57	83.72 %	-8.52	76.59 %
Gulf Power Company	12.21	345.37	54.38	33.89	72.81	10.59	80.52	-11.66	71.13
Duke Energy Florida, Inc.*	74.14	56.82	116.27	-62.66	43.42	52.30	66.13	79.99	119.03
Tampa Electric Company	87.45	61.54	141.27	-8.61	129.10	-7.15	119.87	-23.58	91.61

*Progress Energy Florida, Inc. changed its name to Duke Energy Florida, Inc. on April 29, 2013

Source: December Earnings Surveillance Reports, Schedule 5

Net Generation

Table 7
Net Generation by Type of Ownership*
1999-2013

Year	Total for State (GWH)	Investor-Owned		Others**	
		Quantity (GWH)	Percent of Total	Quantity (GWH)	Percent of Total
1999	178,773	NR	-	NR	-
2000	178,253	NR	-	NR	-
2001	178,485	NR	-	NR	-
2002	187,863	NR	-	NR	-
2003	196,563	NR	-	NR	-
2004	198,372	NR	-	NR	-
2005	204,476	NR	-	NR	-
2006	211,286	NR	-	NR	-
2007	213,789	NR	-	NR	-
2008	207,913	NR	-	NR	-
2009	209,476	NR	-	NR	-
2010	217,034	NR	-	NR	-
2011	217,271	NR	-	NR	-
2012	218,177	NR	-	NR	-
2013	218,150	NR	-	NR	-

NR=Not Reported

*Does not include Net Interchange and Non-Utility Generators generation. See Table 8.

**Includes municipals, rural electric cooperatives, and federally-owned utilities.

Sources: EIA-759
Form PSC/CAO - 2
A-Schedules
Regional Load and Resource Plan - State Supplement, FRCC
Table 8

Table 8
Net Energy for Load by Fuel Type and Other Sources*
1999-2013

Year	Coal		Oil		Natural Gas		Nuclear		Hydro		Subtotal	Other Sources		Total
	GWH	Percent	GWH	Percent	GWH	Percent	GWH	Percent	GWH	Percent		NUG	Other**	
1999	78,413	43.9	33,550	18.8	34,964	19.6	31,772	17.8	74	0.0	178,773	12,820	8,781	200,374
2000***	76,050	42.7	32,763	18.4	36,878	20.7	32,555	18.3	7	0.0	178,253	12,461	18,372	209,086
2001	73,005	40.9	34,858	19.5	39,032	21.9	31,568	17.7	22	0.0	178,485	13,613	18,880	210,978
2002	71,092	37.8	27,494	14.6	55,734	29.7	33,524	17.8	19	0.0	187,863	8,570	26,209	222,642
2003	76,294	38.8	29,030	14.8	60,132	30.6	31,069	15.8	38	0.0	196,563	8,075	25,952	230,590
2004	68,708	34.6	28,513	14.4	69,901	35.2	31,220	15.7	30	0.0	198,372	6,960	28,440	233,772
2005	69,683	34.1	28,096	13.7	78,032	38.2	28,632	14.0	33	0.0	204,476	7,564	28,127	240,167
2006	70,859	33.5	16,164	7.7	92,821	43.9	31,429	14.9	13	0.0	211,286	5,509	27,268	244,063
2007	72,189	33.8	16,473	7.7	95,719	44.8	29,399	13.8	9	0.0	213,789	3,635	29,068	246,492
2008	69,116	33.2	9,267	4.5	97,386	46.8	32,122	15.4	22	0.0	207,913	2,881	30,116	240,910
2009	57,901	27.6	6,283	3.0	116,062	55.4	29,202	13.9	28	0.0	209,476	2,956	26,982	239,414
2010	61,323	28.3	5,925	2.7	125,546	57.8	24,215	11.2	25	0.0	217,034	2,971	27,164	247,169
2011	56,014	25.8	1,178	0.5	137,243	63.2	22,828	10.5	8	0.0	217,271	2,611	17,776	237,658
2012	47,542	21.8	682	0.3	151,856	69.6	18,088	8.3	9	0.0	218,177	2,982	13,207	234,366
2013	50,775	23.3	487	0.2	140,187	64.3	26,672	12.2	29	0.0	218,150	3,182	13,693	235,025

*Percentages are calculated for fuel sources only.

**Other includes inter-region interchange.

***2000 numbers revised slightly. 2000 numbers throughout the report are as originally released unless otherwise noted.

Sources: EIA Form 759

FPSC Form AFAD (RRR)-2

A-Schedules

Regional Load and Resource Plan, State Supplement, FRCC

Table 9
Interchange and Generation by Fuel Type
(Gigawatt-Hours)
2013-2023

Year	Net Energy for Load	Interchange & Other*	Nuclear	Coal	Oil	Natural Gas	Hydro	NUG**
2013	235,025	13,693	26,672	50,775	487	140,187	29	3,182
2014	240,744	13,762	28,768	54,686	638	141,151	16	1,723
2015	245,522	15,446	28,960	58,393	946	140,010	16	1,751
2016	249,617	14,136	29,544	55,267	1,021	147,866	16	1,767
2017	252,240	11,966	29,256	60,160	569	148,503	16	1,770
2018	255,199	13,499	28,935	59,764	773	150,431	16	1,781
2019	258,355	14,269	29,499	60,073	486	152,233	16	1,779
2020	261,768	12,991	29,154	58,239	509	159,095	16	1,764
2021	264,100	11,435	28,947	58,962	493	162,477	16	1,770
2022	267,153	10,557	34,413	59,038	382	160,981	16	1,766
2023	270,773	13,676	43,891	59,978	348	151,085	16	1,779

*Includes "Renewables".

**Non-utility generators.

Source: Regional Load and Resource Plan, State Supplement, FRCC

Table 10
Interchange and Generation by Fuel Type
(Percentage of Gigawatt-Hours)
2013-2023

Year	Net Energy for Load	Interchange & Other*	Nuclear	Coal	Oil	Natural Gas	Hydro	NUG**
2013 ***	100.0%	6.4%	11.8%	21.1%	0.2%	59.8%	0.0%	0.7%
2014	100.0%	6.5%	11.7%	21.4%	0.3%	59.5%	0.0%	0.7%
2015	100.0%	6.5%	11.7%	21.4%	0.4%	59.2%	0.0%	0.7%
2016	100.0%	6.9%	11.5%	22.2%	0.3%	58.5%	0.0%	0.7%
2017	100.0%	6.4%	11.2%	22.1%	0.2%	59.3%	0.0%	0.7%
2018	100.0%	6.7%	11.3%	22.8%	0.2%	58.3%	0.0%	0.7%
2019	100.0%	5.5%	11.0%	22.7%	0.2%	59.9%	0.0%	0.7%
2020	100.0%	5.1%	10.8%	22.6%	0.2%	60.6%	0.0%	0.7%
2021	100.0%	5.4%	12.7%	22.3%	0.2%	58.8%	0.0%	0.7%
2022	100.0%	5.4%	12.7%	22.3%	0.2%	58.8%	0.0%	0.7%
2023	100.0%	5.1%	16.2%	22.2%	0.1%	55.8%	0.0%	0.7%

*Includes "Renewables"

**Non-utility generators

***Figures are actual

Source: Regional Load and Resource Plan, State Supplement, FRCC

Generating Capacity and Capability

Table 11
Installed Nameplate Capacity/Summer Net Capability by Prime Mover*
(Megawatts)
1999-2013

Year	Hydro-Electric	Conventional Steam	Nuclear Steam	Combustion Turbine	Internal Combustion	Combined Cycle	Other	Total*
1999	19	27,456	4,110	6,580	262	4,610		43,037
2000 *	19	25,664	3,174	6,260	241	4,326	114	39,798
2001 *	58	23,537	3,898	6,743	245	6,028	6	40,515
2002 *	58	23,360	3,898	6,849	291	8,889	6	43,351
2003 *	59	22,336	3,902	6,858	294	11,642	6	45,097
2004 *	58	22,128	3,902	7,217	297	12,273	0	45,875
2005 *	63	22,099	3,903	9,589	275	12,399	110	48,437
2006 *	367	16,735	3,903	21,092	246	7,946	0	50,288
2007 *	63	22,089	3,896	16,216	265	7,799	0	50,326
2008 *	63	21,719	3,931	16,260	239	8,333	0	50,544
2009 *	52	19,611	3,991	8,096	184	20,275	0	52,208
2010 *	52	20,563	3,913	7,278	175	21,245	0	53,226
2011 *	52	19,909	3,947	8,013	171	22,908	0	54,999
2012 *	52	17,837	3,471	22,192	153	8,697	0	52,402
2013 *	52	17,837	3,471	22,192	153	8,697	0	52,402

* Beginning 2000, summer net capability is used instead of nameplate capacity as a more conservative measure of capability.

Winter net capability averages approximately 5% higher than summer net capability.

Sources: EIA Form 759

FPSC Form AFAD (RRR)-2

Regional Load and Resource Plan, FRCC. See Table 14.

Table 12
Installed Nameplate Capacity/Summer Net Capability
by Type of Ownership
(Megawatts)
1999-2013

Year	Total for State	Investor-Owned		Municipals, Rural Electric Cooperatives, and Other	
		Quantity	Percent of Total	Quantity	Percent of Total
1999	43,037	32,969	76.61	10,068	23.39
2000*	39,798	30,535	76.72	9,263	23.28
2001*	40,515	30,109	74.32	10,406	25.68
2002*	43,351	31,765	73.27	11,586	26.73
2003*	45,097	33,293	73.82	11,804	26.18
2004*	45,875	34,171	74.49	11,704	25.51
2005*	48,437	36,486	75.33	11,951	24.67
2006*	50,288	37,817	75.20	12,471	24.80
2007*	50,326	38,203	75.91	12,123	24.09
2008*	50,544	38,218	75.61	12,326	24.39
2009*	52,208	39,788	76.21	12,420	23.79
2010*	53,226	40,161	75.45	13,065	24.55
2011*	54,999	41,367	75.21	13,633	24.79
2012*	52,402	38,890	74.22	13,512	25.78
2013*	52,402	38,890	74.22	13,512	25.78

*In 2000 and onward, summer net capability is used instead of nameplate capacity as a more conservative measure of capability. Winter net capability averages approximately 5% higher than summer net capability.

Sources: EIA Form 759

FPSC Form AFAD (RRR)-2

Regional Load and Resource Plan, FRCC

Table 13
Installed Winter Net Capacity and Summer Net Capability by Utility (MW)*
2009-2013

Utility	2013		2012		2011		2010		2009	
	Winter Net Capacity	Summer Net Capability	Winter Net Capacity	Summer Net Capability	Winter Net Capacity	Summer Net Capability	Winter Net Capacity	Summer Net Capability	Winter Net Capacity	Summer Net Capability
Florida Power & Light Company	24,824	23,415	24,082	22,820	23,748	22,508	22,841	21,766	25,843	24,506
Gulf Power Company*	2,704	2,743	2,722	2,683	2,725	2,686	2,725	2,686	2,742	2,703
Duke Energy Florida, Inc.***	10,109	9,141	10,191	9,095	10,169	9,145	11,006	9,786	10,931	9,774
Tampa Electric Company	4,668	4,276	4,668	4,276	4,684	4,292	4,684	4,292	4,719	4,332
Florida Keys Electric Co-op	0	0	0	0	0	0	19	19	19	19
Florida Municipal Power Agency	1,339	1,285	1,352	1,293	1,343	1,284	1,030	981	1,013	970
Fort Pierce	0	0	0	0	0	0	0	0	0	0
Gainesville Regional Utilities	550	533	618	598	629	608	628	608	628	608
Homestead	32	32	53	53	38	38	42	42	42	42
JEA	4,112	3,770	4,122	3,754	4,122	3,754	3,750	3,470	3,750	3,470
Key West	37	37	37	37	37	37	37	37	37	37
Kissimmee	247	235	247	235	303	287	303	287	303	287
Lake Worth	80	77	80	77	90	86	90	86	90	86
Lakeland	975	929	975	929	975	929	975	913	961	908
Ocala	0	0	0	0	11	11	11	11	11	11
New Smyrna Beach	66	62	66	62	71	67	71	67	71	67
Orlando	1,567	1,497	1,564	1,492	1,568	1,496	1,569	1,497	1,257	1,199
Reedy Creek	60	60	60	60	60	60	60	60	61	60
Seminole	2,178	2,060	2,167	2,047	2,176	2,034	2,165	2,077	2,191	2,085
St. Cloud	0	0	0	0	0	0	0	0	0	0
Starke City of**	0	0	0	0	0	0	0	0	0	0
Tallahassee	822	746	870	794	870	794	870	794	870	794
USCE-Mobile District	44	44	44	44	44	44	44	44	44	44
Vero Beach	144	138	144	138	144	138	144	138	144	138
Powersouth Energy Co-op*	2,064	1,896	2,064	1,896	2,064	1,896	2,064	1,896	1,616	1,556
Total Utility	56,622	52,976	56,126	52,383	55,871	52,194	55,128	51,557	57,343	53,696
Total Nonutility	5,475	5,073	5,475	5,073	5,134	4,780	5,144	4,774	5,090	4,725
Total State of Florida	62,097	58,049	61,601	57,456	61,005	56,974	60,272	56,331	62,433	58,421

*Excludes generation physically outside Florida regardless of whether or not it serves load in Florida.

**Reported as part of Orlando.

***Progress Energy Florida, Inc. changed its name to Duke Energy Florida, Inc. on April 29, 2013

Source: Regional Load and Resource Plan, FRCC

Table 14
Summer Net Capability (MW) by Prime Mover by Utility*
2013

Company Name	Hydro-Electric	Conventional Steam	Nuclear Steam	Combustion Turbine	Internal Combustion	Combined Cycle**	Other	Utility Total
Florida Power & Light Company	0	4,514	3,325	10,301	0	4,696	0	22,836
Gulf Power Company	0	2,080	0	44	3	556	0	2,683
Duke Energy Florida, Inc.****	0	3,431	0	4,521	0	1,143	0	9,095
Tampa Electric Company	0	1,542	0	2,137	0	597	0	4,276
Florida Keys Electric Co-op	0	0	0	0	0	0	0	0
Florida Municipal Power Agency	0	244	86	592	0	371	0	1,293
Fort Pierce	0	0	0	0	0	0	0	0
Gainesville Regional Utilities	0	330	0	232	0	37	0	599
Homestead	0	0	0	0	53	0	0	53
JEA	0	2,306	0	1,246	1	201	0	3,754
Key West	0	0	0	20	18	0	0	38
Kissimmee	0	21	0	144	0	71	0	236
Lakeland	0	396	0	323	55	155	0	929
Lake Worth	0	22	0	46	0	9	0	77
New Smyrna Beach	0	0	0	44	18	0	0	62
Ocala	0	0	0	0	0	0	0	0
Orlando	0	754	60	479	0	199	0	1,492
Reedy Creek	0	0	0	0	5	55	0	60
Seminole	0	1,309	0	572	0	166	0	2,047
St. Cloud	0	0	0	0	0	0	0	0
Tallahassee	0	124	0	456	0	214	0	794
US Corps of Engineers	44	0	0	0	0	0	0	44
Vero Beach	0	94	0	32	0	12	0	138
Powersouth Energy Co-op	8	670	0	1,003	0	215	0	1,896
Total State of Florida Utility	52	17,837	3,471	22,192	153	8,697	0	52,402
Total Nonutility Generators***								5,064
Total State of Florida								57,466

*Includes generation physically outside Florida if it serves load in Florida.

**Includes steam part of combined cycle.

***Does not include the capability of merchant plants

****Progress Energy Florida, Inc. changed its name to Duke Energy Florida, Inc. on April 29, 2013

Source: Regional Load and Resource Plan, FRCC

Table 15
Nuclear Generating Units
2013

Utility	Location	Commercial In-Service Month/Year	Maximum Nameplate KW	Net Capability	
				Summer MW	Winter MW
<u>Florida Power & Light Company</u>					
Turkey Point #3	Dade County	Nov 1972	877,200	808	832
Turkey Point #4	Dade County	Jun 1973	877,200	693	717
St. Lucie #1	St. Lucie County	May 1976	1,020,000	981	1,003
St. Lucie #2	St. Lucie County	Jun 1983	723,775	843*	862*

*14.9% of plant capability is owned by the Orlando Utilities Commission and the Florida Municipal Power Agency; figures represent FPL's share.

Source: Regional Load and Resource Plan, FRCC

Company Ten-Year Site Plans

Table 16 (continued)
Monthly Peak Demand
(Megawatts)
2013

Utilities	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Yearly Peak
Non-Generating Municipal Systems													
Jacksonville Beach	124	168	161	111	135	158	148	155	158	128	98	115	168
Leesburg	63	73	77	92	95	104	99	106	105	91	76	73	106
Moore Haven	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
Mount Dora	13	17	17	17	18	20	20	22	21	18	15	13	22
Newberry	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
Ocala	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
Quincy	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
Wauchula	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
Williston	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
Winter Park	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
Rural Electric Cooperatives													
Powersouth Energy	353	382	385	253	337	377	364	387	361	314	392	382	392
Central Florida	105	129	120	84	101	111	102	109	104	89	108	101	129
Choctawhatchee	141	158	164	92	151	172	172	178	159	139	168	160	178
Clay (Reported as part of Seminole)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Escambia River	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
Florida Keys	102	112	124	124	136	139	145	140	138	127	113	114	145
Glades	45	61	61	52	7	9	7	9	50	52	40	45	61
Gulf Coast	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
Lee County	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
Peace River	89	131	117	114	127	134	132	134	128	123	83	81	134
Seminole	2,716	3,707	3,540	2,803	3,125	3,380	3,387	3,566	3,405	3,012	2,821	2,630	3,707
Sumter	508	670	678	534	591	633	636	674	651	590	515	492	678
Suwannee Valley	85	108	106	70	99	105	92	103	97	74	105	95	108
Talquin	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
Tri-County	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
West Florida	96	115	112	73	94	104	93	102	98	89	111	110	115
Withlacoochee River	666	939	874	690	746	818	822	853	815	737	665	644	939
Okefenoke	21	26	25	15	18	22	21	23	21	17	23	21	26

N/A = Not applicable
NR = Not reported
Source: Form PSC/CAO - 1, 3

Table 16
Monthly Peak Demand
(Megawatts)
2013

Utilities	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Yearly Peak
Investor-Owned Systems													
Florida Power & Light Company	15,135	15,627	15,931	18,419	19,579	21,147	20,261	21,576	20,297	19,313	18,028	16,161	21,576
Florida Public Utilities Company	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
Gulf Power Company	1,739	1,731	1,840	1,611	2,069	2,312	2,305	2,362	2,245	1,998	1,783	1,829	2,362
Duke Energy Florida, Inc.*	5,878	8,034	7,858	7,155	7,866	8,526	8,354	8,779	8,448	7,647	6,420	5,828	8,779
Tampa Electric Company	2,563	3,203	3,056	3,440	3,494	3,838	3,783	3,873	3,759	3,476	2,993	2,739	3,873
Generating Municipal Systems													
Fort Pierce	72	83	87	85	90	101	100	104	101	96	84	76	104
Gainesville	287	348	328	320	352	411	398	416	384	330	249	265	416
Homestead	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
JEA	2,126	2,559	2,447	1,951	2,139	2,567	2,479	2,596	2,500	2,106	1,965	1,997	2,596
Key West	104	114	117	126	127	135	137	138	132	129	116	108	138
Kissimmee	190	239	244	249	276	301	301	314	296	276	237	209	314
Lake Worth	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
Lakeland	425	553	491	515	540	586	587	602	581	541	458	419	602
New Smyrna Beach	57	82	83	62	69	84	84	86	80	73	64	54	86
Orlando	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
Reedy Creek	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
Starke	11	14	13	11	13	15	14	15	15	12	11	11	15
Tallahassee	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
Vero Beach	105	133	143	135	132	148	145	151	145	142	124	114	151
Non-Generating Municipal Systems													
Alachua	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
Bartow	44	56	58	49	53	57	57	58	55	53	44	41	58
Blountstown	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
Bushnell	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
Chattahoochee	6	6	6	6	5	6	7	7	7	7	6	6	7
Clewiston	10	14	15	18	18	19	15	20	19	185	17	15	185
Fort Meade	6	9	8	6	7	8	7	8	8	7	6	6	9
Green Cove Springs	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
Havana	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR

NR = Not reported

*Progress Energy Florida, Inc. changed its name to Duke Energy Florida, Inc. on April 29, 2013

Source: Form PSC/CAO - 1, 3

Table 17
Annual Peak Demand
Selected Utilities
(Megawatts)
1999-2013

Utility Company	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Florida Power & Light Company	17,615	17,808	18,754	19,219	20,190	20,545	22,361	21,819	21,962	21,060	22,351	24,346	21,619	21,440	21,576
Gulf Power Company	2169	2,281	2,223	2,454	2,500	2,431	2,435	2,483	2,634	2,541	2,426	2,553	2,535	2,351	2,362
Duke Energy Florida, Inc.*	8,318	8,548	8,922	9,045	10,131	9,125	10,226	10,094	10,355	10,153	11,319	11,649	9,588	9,029	8,779
Tampa Electric Company	3,372	3,504	3,782	3,634	3,881	3,737	3,968	4,010	4,123	3,952	4,080	4,512	3,931	3,892	3,873
Fort Pierce	121	119	120	130	132	124	131	120	124	NR	115	124	104	103	104
Gainesville	419	425	409	409	417	432	465	464	481	NR	465	470	445	415	416
JEA	2,427	2,614	2,665	2,607	3,055	2,657	2,860	2,919	2,897	2,914	3,064	3,224	3,062	2,665	2,596
Lake Worth	NR	85	88	86	90	93	0	93	94	91	92	93	NR	NR	NR
Lakeland	649	610	655	659	694	580	648	680	648	723	745	871	871	612	602
Orlando	NR	1,058	962	986	1,019	1,203	1,141	1,271	1,719	1,157	1,176	NR	1,276	NR	NR
Tallahassee	NR	569	521	580	590	565	598	577	621	NR	NR	NR	NR	NR	NR
Vero Beach	151	175	176	178	203	169	174	172	162	168	74	198	162	153	151

NR = Not reported

*Progress Energy Florida, Inc. changed its name to Duke Energy Florida, Inc. on April 29, 2013

Sources: Form FPSC/CAO - 1, 3

Table 18
Projected Summer and Winter Peak Demand*
2014-2023

Year	Summer Peak (MW)	Year	Winter Peak (MW)
2014	46,090	2014-2015	46,896
2015	46,788	2015-2016	47,487
2016	47,377	2016-2017	47,992
2017	47,956	2017-2018	48,475
2018	48,522	2018-2019	49,062
2019	49,213	2019-2020	49,666
2020	49,932	2020-2021	50,287
2021	50,700	2021-2022	50,928
2022	51,552	2022-2023	51,782
2023	52,633	2023-2024	50,412

*Net Firm Peak Demand

Source: Regional Load and Resource Plan, State Supplement, FRCC

Table 19
Load Factors by Generating Utilities
2013

Generating Utilities	Net Energy for Load (Gigawatt-Hours)	Peak Load (Megawatts)	Load Factor (Percentage)
Florida Power & Light Company	111,655	21,576	59.1
Gulf Power Company	11,511	2,362	55.6
Progress Energy Florida, Inc.*	40,282	8,779	52.4
Tampa Electric Company	19,185	3,873	56.5
Florida Keys Electric	718	145	56.5
Fort Pierce	538	104	59.1
Gainesville	1,873	416	51.4
Homestead	NR	NR	NR
JEA	12,286	2,596	54.0
Key West	752	138	62.4
Kissimmee	1,415	314	51.4
Lake Worth	NR	NR	NR
Lakeland	2,919	602	55.4
New Smyrna Beach	386	86	51.3
Orlando	NR	NR	NR
Reedy Creek	NR	NR	NR
Seminole Electric	16	3,707	0.0
Starke	69	15	51.4
Tallahassee	NR	NR	NR
Vero Beach	743	151	56.2

NR=Not Reported

*Progress Energy Florida, Inc. changed its name to Duke Energy Florida, Inc. on April 29, 2013

Source: Form FPSC/CAO - 1,3 and Table 16

Fuel Analysis

Table 20
Fuel Requirements
1999-2013

Year	Coal (Thousands of Short Tons)	Oil* (Thousands of Barrels)	Natural Gas (Billions of Cubic Feet)	Nuclear (U-235) (Trillion BTU)
1999	34601	53510	324	349
2000	30786	58389	324	339
2001	30977	44573	463	362
2002	30228	47835	470	671
2003	29780	44969	529	336
2004	30639	43559	575	321
2005	30356	45314	576	309
2006	31234	25706	679	339
2007	30957	31190	691	317
2008	36224	14496	736	342
2009	26238	10285	845	315
2010	27497	9971	923	262
2011	25420	2395	1006	253
2012	22187	868	1109	198
2013	23547	911	999	301

*Residual and distillate

Sources: EIA Form 759
 FPSC Form AFAD (RRR)-2
 FCG Form 7.3
 A-Schedules
 Regional Load and Resource Plan, State Supplement, FRCC

Table 21
Projected Fuel Requirements
2013-2023

Year	Coal (Thousands of Short Tons)	Oil (Thousands of Barrels)	Natural Gas (Billions of Cubic Feet)	Nuclear (U-235) (Trillion BTU)
2013 *	23,547	911	999	301
2014	23,453	1,065	1,046	308
2015	24,218	1,301	1,050	310
2016	24,335	2,066	1,058	316
2017	25,522	1,536	1,043	313
2018	25,573	1,324	1,063	310
2019	26,601	1,124	1,050	316
2020	26,819	1,008	1,036	312
2021	27,119	964	1,118	310
2022	27,003	895	1,097	367
2023	25,036	626	1,056	465

*Actual figures

Source: Regional Load and Resource Plan, State Supplement, FRCC

Consumption

Table 22
Monthly Consumption by Class of Service
(Megawatt-Hours)
2013

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Residential													
Florida Power & Light Company	3,857,663	3,479,224	3,505,056	3,880,757	4,441,924	4,885,839	5,403,323	5,719,662	5,725,032	4,867,809	4,222,467	3,941,258	53,930,014
Florida Public Utilities Company	24,998	21,652	23,125	19,649	20,095	27,112	30,202	30,781	29,432	22,969	17,594	22,136	289,745
Gulf Power Company	374,991	327,538	382,115	317,976	405,638	555,190	547,075	549,276	504,472	376,194	339,715	408,649	5,088,829
Duke Energy Florida, Inc.*	1,254,612	1,262,882	1,226,993	1,313,510	1,470,830	1,706,527	1,908,035	1,820,620	1,983,817	1,774,337	1,419,737	1,366,063	18,507,963
Tampa Electric Company	620,134	540,563	564,557	596,707	658,710	806,475	857,542	891,872	925,031	798,713	627,812	581,451	8,469,567
JEA	416,259	338,795	368,180	341,338	329,524	456,994	516,520	520,282	518,288	414,405	280,928	360,255	4,861,768
Orlando Utilities Commission	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
Commercial													
Florida Power & Light Company	3,534,823	3,346,761	3,193,802	3,498,693	3,863,495	3,924,772	4,031,955	4,234,306	4,360,095	3,926,698	3,723,070	3,702,864	45,341,334
Florida Public Utilities Company	22,911	20,566	21,423	22,437	25,644	27,109	29,694	29,881	29,822	26,861	22,501	22,778	301,627
Gulf Power Company	282,379	256,099	288,325	287,507	336,392	368,173	376,602	381,524	357,653	324,882	272,381	278,024	3,809,941
Duke Energy Florida, Inc.*	869,823	824,098	828,638	858,116	993,585	1,057,287	1,105,187	1,098,100	1,130,530	1,069,777	960,526	922,218	11,717,885
Tampa Electric Company	476,436	437,463	439,350	463,943	491,772	545,321	554,661	570,036	589,369	546,435	500,911	474,022	6,089,719
JEA	294,865	275,803	272,724	281,607	294,186	347,671	356,642	366,252	374,797	339,660	282,071	295,650	3,781,928
Orlando Utilities Commission	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
Industrial													
Florida Power & Light Company	513,848	236,444	233,709	247,596	263,381	253,964	247,802	253,986	257,020	236,061	234,075	244,751	3,222,637
Florida Public Utilities Company	2,960	2,500	5,760	1,620	2,180	1,760	2,040	2,340	2,020	2,780	3,540	1,620	31,120
Gulf Power Company	119,344	119,740	120,228	122,962	139,147	153,081	163,904	181,073	157,900	153,116	134,181	135,497	1,700,173
Duke Energy Florida, Inc.*	250,171	253,946	250,408	268,166	273,779	285,460	273,508	279,816	273,491	248,952	288,444	260,213	3,206,354
Tampa Electric Company	155,440	164,531	164,944	177,491	162,820	182,268	165,420	168,392	173,414	162,244	177,757	172,092	2,026,813
JEA	209,915	209,237	191,340	201,325	215,610	223,797	225,273	224,392	217,370	223,016	186,724	196,713	2,524,712
Orlando Utilities Commission	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
Other													
Florida Power & Light Company	45,212	46,487	44,727	44,926	47,463	45,488	41,187	53,815	48,599	45,628	47,840	45,633	557,005
Florida Public Utilities Company	676	670	666	671	678	673	695	686	705	696	680	688	8,184
Gulf Power Company	27,167	24,680	26,853	23,750	27,549	31,761	31,659	32,910	30,435	26,094	20,224	27,720	330,802
Duke Energy Florida, Inc.*	234,235	237,264	236,497	238,618	268,845	283,122	271,957	280,299	312,882	291,326	274,066	254,674	3,183,785
Tampa Electric Company	141,872	138,331	140,344	145,157	152,893	162,188	153,250	159,430	172,055	166,418	151,124	148,501	1,831,563
JEA	53,140	49,439	49,487	54,487	51,000	56,665	58,485	65,528	64,989	58,458	51,829	47,449	660,956
Orlando Utilities Commission	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
Total													
Florida Power & Light Company	7,951,546	7,108,916	6,977,294	7,671,972	8,616,263	9,110,063	9,724,267	10,261,769	10,390,746	9,076,196	8,227,452	7,934,506	103,050,990
Florida Public Utilities Company	51,545	45,388	50,974	44,377	48,597	56,654	62,631	63,688	61,979	53,306	44,315	47,222	630,676
Gulf Power Company	803,881	728,057	817,521	752,195	908,726	1,108,205	1,119,240	1,144,783	1,050,460	880,286	766,501	849,890	10,929,745
Duke Energy Florida, Inc.*	2,608,841	2,578,190	2,542,536	2,678,410	3,007,039	3,332,396	3,558,687	3,478,835	3,700,720	3,384,392	2,942,773	2,803,168	36,615,987
Tampa Electric Company	1,393,882	1,280,888	1,309,195	1,383,298	1,466,195	1,696,252	1,730,873	1,789,730	1,859,869	1,673,810	1,457,604	1,376,066	18,417,662
JEA	974,179	873,274	881,731	878,757	890,320	1,085,127	1,156,920	1,176,454	1,175,444	1,035,539	801,552	900,067	11,829,364
Orlando Utilities Commission	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR

NR=Not Reported

*Progress Energy Florida, Inc. changed its name to Duke Energy Florida, Inc. on April 29, 2013

Source: Form FPSC/CAO - 4

Table 23
Consumption by Class of Service by Utility
(Megawatt-Hours)
2013

Utilities	Residential	Commercial	Industrial	Other	Total
Florida Power & Light Company	53,930,014	45,341,334	3,222,637	557,005	103,050,990
Florida Public Utilities Company	289,745	301,627	31,120	8,184	630,676
Gulf Power Company	5,088,829	3,809,941	1,700,173	330,802	10,929,745
Duke Energy Florida, Inc.****	18,507,963	11,717,885	3,206,354	3,183,785	36,615,987
Tampa Electric Company	8,469,567	6,089,719	2,026,813	1,831,563	18,417,662
Alachua	NR	NR	NR	NR	NR
Bartow	124,357	16,538	106,453	9,956	257,304
Blountstown	NR	NR	NR	NR	NR
Bushnell	NR	NR	NR	NR	NR
Central Florida Co-op	327,636	37,355	23,505	58,809	447,305
Chattahoochee	10,939	3,806	19,591	1,460	35,796
Choctawhatchee Co-op	550,722	93,310	104,254	0	748,286
Clay Co-op	2,031,775	258,567	705,125	17,509	3,012,976
Clewiston	46,718	7,895	38,700	440	93,753
Escambia River Co-op	NR	NR	NR	NR	NR
Florida Keys Co-op	371,489	98,997	152,699	36,562	659,748
Fort Meade	25,730	5,073	6,459	1,705	38,967
Fort Pierce	208,091	296,161	0	11,983	516,235
Gainesville	753,459	200,922	740,020	0	1,694,401
Glades Co-op	141,077	30,755	117,520	16,066	305,418
Green Cove Springs	NR	NR	NR	NR	NR
Gulf Coast Co-op	NR	NR	NR	NR	NR
Havana	NR	NR	NR	NR	NR
Homestead	NR	NR	NR	NR	NR
JEA	4,861,768	3,781,928	2,524,712	660,956	11,829,364
Jacksonville Beach	418,786	81,316	175,554	12,209	687,865
Key West	336,742	75,087	292,483	2,923	707,235
Kissimmee	718,575	166,792	448,689	16,672	1,350,728
Lake Worth	NR	NR	NR	NR	NR
Lakeland	1,367,746	225,087	1,136,275	103,234	2,832,342
Lee County Co-op	NR	NR	NR	NR	NR
Leesburg	203,685	51,003	183,695	16,996	455,380
Moore Haven	NR	NR	NR	NR	NR
Mount Dora	47,340	14,742	17,066	6,535	85,683
New Smyrna Beach	239,965	53,707	75,382	3,029	372,081
Newberry	NR	NR	NR	NR	NR
Ocala	NR	NR	NR	NR	NR
Okefenoke*	138,631	7,006	2,779	3,345	151,761
Orlando	NR	NR	NR	NR	NR
Peace River Co-op	391,709	72,252	125,882	12,649	602,492
Quincy	NR	NR	NR	NR	NR
Reedy Creek	NR	NR	NR	NR	NR
Seminole Co-op**	0	0	0	0	0
Starke	21,790	43,035	0	0	64,825
Sumter Co-op	1,959,966	191,936	683,598	1,170	2,836,670
Suwannee Valley Co-op	276,825	45,039	119,687	621	442,172
Tallahassee	NR	NR	NR	NR	NR
Talquin Co-op	NR	NR	NR	NR	NR
Tri-County Co-op	NR	NR	NR	NR	NR
Vero Beach	350,890	82,562	240,807	13,760	688,020
Wauchula	NR	NR	NR	NR	NR
West Florida Co-op	307,132	41,500	96,833	32,168	477,632
Williston	NR	NR	NR	NR	NR
Winter Park	NR	NR	NR	NR	NR
Withlacoochee Co-op	2,479,834	903,132	161,667	20,522	3,565,155
Respondent Total***	104,999,495	74,146,010	18,486,533	6,972,615	204,604,653
FRCC State Total					216,758,000

NR=Not Reported

*Okefenoke sells power in Florida and Georgia; figures reflect Florida customers only.

**Seminole Electric Cooperative generates only for resale.

***Respondent total includes sales to other public authorities. Therefore, respondent totals are not comparable to FRCC totals.

****Progress Energy Florida, Inc. changed its name to Duke Energy Florida, Inc. on April 29, 2013

Sources: Form FPSC/CAO - 1, 4.

Regional Load and Resource Plan, State Supplement, FRCC

Table 24
Average Annual Consumption Per Customer by Class of Service by Utility
(Kilowatt-Hours)
2013

Utilities	Residential	Commercial	Industrial	Other	Total
Florida Power & Light Company	13,163	87,783	337,770	149,924	22,272
Florida Public Utilities Company	12,204	69,027	15,560,000	2,692	20,243
Gulf Power Company	13,301	70,215	6,581,315	571,169	24,971
Duke Energy Florida, Inc.***	12,437	70,617	1,368,385	123,670	21,767
Tampa Electric Company	13,812	84,619	1,296,262	228,986	26,510
Alachua	NR	NR	NR	NR	NR
Bartow	12,405	13,701	287,712	74,295	21,924
Blountstown	NR	NR	NR	NR	NR
Bushnell	NR	NR	NR	NR	NR
Central Florida Co-op	10,992	18,116	279,819	85,478	13,704
Chattahoochee	11,150	32,531	9,795,619	23,546	30,805
Choctawhatchee Co-op	13,879	17,325	463,353	0	16,522
Clay Co-op	13,534	15,450	941,422	250	12,680
Clewiston	13,921	15,728	302,343	1,999	22,290
Escambia River Co-op	NR	NR	NR	NR	NR
Florida Keys Co-op	14,196	21,281	384,633	59,450	20,726
Fort Meade	10,775	21,405	358,856	21,587	14,316
Fort Pierce	9,156	70,971	0	0	18,611
Gainesville	9,118	21,660	606,574	0	18,193
Glades Co-op	11,534	9,420	210,988	0	19,024
Green Cove Springs	NR	NR	NR	NR	NR
Gulf Coast Co-op	NR	NR	NR	NR	NR
Havana	NR	NR	NR	NR	NR
Homestead	NR	NR	NR	NR	NR
Jacksonville	13,136	85,365	12,241,028	141,406	28,212
JEA	14,510	228,414	42,140	22,402	20,274
Key West	13,541	21,398	420,235	2,192	23,260
Kissimmee	12,837	19,554	521,125	0	20,663
Lake Worth	NR	NR	NR	NR	NR
Lakeland	13,413	21,356	809,889	11,612	23,064
Lee County Co-op	NR	NR	NR	NR	NR
Leesburg	10,858	15,693	429,195	62,484	20,053
Moore Haven	NR	NR	NR	NR	NR
Mount Dora	9,922	19,475	299,406	68,786	15,085
New Smyrna Beach	10,587	26,404	667,095	2,868	14,383
Newberry	NR	NR	NR	NR	NR
Ocala	NR	NR	NR	NR	NR
Okefenoke*	14,647	14,385	2,779,180	44,595	15,134
Orlando	NR	NR	NR	NR	NR
Peace River Co-op	13,780	11,911	423,844	214,382	17,289
Quincy	NR	NR	NR	NR	NR
Reedy Creek	NR	NR	NR	NR	NR
Seminole Co-op**	0	0	0	0	0
Starke	11,203	58,077	0	0	24,134
Sumter Co-op	11,856	12,646	592,372	39,011	15,614
Suwannee Valley Co-op	12,608	15,139	522,649	7,392	17,516
Tallahassee	NR	NR	NR	NR	NR
Talquin Co-op	NR	NR	NR	NR	NR
Tri-County Co-op	NR	NR	NR	NR	NR
Vero Beach	12,457	17,385	355,173	41,952	20,281
Wauchula	NR	NR	NR	NR	NR
West Florida Co-op	12,327	18,727	203,430	57,443	16,957
Williston	NR	NR	NR	NR	NR
Winter Park	NR	NR	NR	NR	NR
Withlacoochee Co-op	13,569	47,163	3,849,210	50,299	17,618
Respondent Average	13,002	75,237	635,205	53,106	22,187

NR = Not reported

*Okefenoke Rural EMC sells power in Florida and Georgia; figures reflect Florida customers only.

**Seminole Electric Cooperative generates only for resale.

***Progress Energy Florida, Inc. changed its name to Duke Energy Florida, Inc. on April 29, 2013

Sources: Form FPSC/CAO - 1,4/Tables 23 and 33

Table 25
Sale for Resale Activity by Selected Utility
(Megawatt-Hours)
2013

Utility	Total Resales (MWH)	Total Sales to Ultimate Customers (MWH)	Utility Total Sales (MWH)	Average Resales per Month (MWH/Month)	Resales as Percentage of Total (%)
Florida Power & Light Company	4,589,937	102,783,856	107,373,793	382,495	4.27
Florida Public Utilities Company	0	630,676	630,676	0	0.00
Gulf Power Company	4,289,656	10,929,745	15,219,401	357,471	28.19
Duke Energy Florida, Inc.***	1,548,165	36,615,987	38,164,152	129,014	4.06
Tampa Electric Company	222,265	18,417,662	18,639,927	18,522	1.19
Powersouth Energy Co-op*	1,799,345	0	1,799,345	149,945	100.00
Gainesville	113,264	1,694,401	1,807,665	9,439	6.27
JEA	855,107	10,974,257	11,829,364	71,259	7.23
Lake Worth	NR	NR	NR	NR	NR
Lakeland	0	2,832,342	2,832,342	0	0.00
New Smyrna Beach	0	372,081	372,081	0	0.00
Orlando	NR	NR	NR	NR	NR
Reedy Creek	NR	NR	NR	NR	NR
Seminole Electric Cooperative**	0	0	15,381	0	0.00
Suwannee Valley Co-op	6,035	442,172	448,207	503	1.35
Tallahassee	NR	NR	NR	NR	NR
Talquin Electric Cooperative	NR	NR	NR	NR	NR

NR=Not Reported

*Alabama Electric Cooperative does all of its Florida business on a resale basis.

**Seminole Electric Cooperative generates only for resale.

***Progress Energy Florida, Inc. changed its name to Duke Energy Florida, Inc. on April 29, 2013

Sources: FERC Form 1, Form FPSC/CAO - 1,4

Table 26
Consumption by Utility
(Megawatt-Hours)
2009-2013

Utilities	2009	2010	2011	2012	2013
Florida Power & Light Company	102,965,984	104,790,401	103,585,591	102,486,274	103,050,990
Florida Public Utilities Company	697,669	745,949	697,208	653,519	630,676
Gulf Power Company	11,276,303	11,750,660	11,407,228	10,987,832	10,929,745
Duke Energy Florida, Inc.***	37,824,252	38,925,066	37,596,932	36,380,683	36,615,987
Tampa Electric Company	18,774,789	19,213,462	18,563,569	18,408,580	18,417,662
Alachua	120,893	124,258	121,942	NR	NR
Bartow	274,053	282,377	264,361	257,599	257,304
Blountstown	38,946	NR	NR	NR	NR
Bushnell	24,115	25,211	23,692	NR	NR
Central Florida	489,229	507,071	457,935	445,997	447,305
Chattahoochee	41,094	44,023	41,037	36,104	35,796
Choctawhatchee	734,815	780,435	777,145	731,688	748,286
Clay	3,131,882	3,327,933	3,163,768	2,971,589	3,012,976
Clewiston	104,090	103,275	98,396	96,278	93,753
Escambia River	163,245	177,917	167,951	NR	NR
Florida Keys	642,171	639,829	651,920	640,872	659,748
Fort Meade	40,524	42,088	39,888	38,857	38,967
Fort Pierce	534,128	535,567	529,703	515,941	516,235
Gainesville	1,789,355	1,824,502	1,769,222	1,699,935	1,694,401
Glades	343,400	337,068	NR	311,001	305,418
Green Cove Springs	114,458	118,068	110,894	NR	NR
Gulf Coast	336,046	357,598	329,775	NR	NR
Havana	23,721	NR	24,546	NR	NR
Homestead	429,852	397,418	451,500	NR	NR
JEA	12,761,647	13,103,903	12,740,038	11,906,884	11,829,364
Jacksonville Beach	721,752	758,554	732,175	699,527	687,865
Key West	700,471	691,923	707,164	702,495	707,235
Kissimmee	1,342,397	1,360,922	1,346,630	1,333,923	1,350,728
Lake Worth	391,942	398,157	NR	NR	NR
Lakeland	2,859,018	2,955,211	2,955,211	2,770,042	2,832,342
Lee County	NR	NR	NR	NR	NR
Leesburg	NR	501,379	470,194	453,107	455,380
Moore Haven	17,204	16,737	NR	NR	NR
Mount Dora	90,460	93,114	88,836	84,632	85,683
New Smyrna Beach	375,455	395,853	376,774	365,076	372,081
Newberry	30,587	NR	NR	NR	NR
Ocala	1,236,367	1,273,758	NR	NR	NR
Okefenoke*	167,364	142,692	163,585	153,875	151,761
Orlando Utilities	3,207,575	3,011,443	3,223,235	NR	NR
Peace River	601,179	621,149	595,154	599,868	602,492
Quincy	NR	NR	NR	NR	NR
Reedy Creek	1,183,100	1,163,116	1,138,348	NR	NR
Starke	66,674	72,252	70,068	65,387	64,825
Sumter	2,714,230	2,954,744	2,764,711	2,771,266	2,836,670
Suwannee Valley	431,716	461,067	452,801	425,422	442,172
Tallahassee	NR	NR	NR	NR	NR
Talquin	1,012,084	1,079,716	NR	NR	NR
Tri-County	276,404	NR	NR	NR	NR
Vero Beach	711,484	737,006	720,450	701,617	688,020
Wauchula	62,289	NR	59,745	NR	NR
West Florida	461,795	504,165	NR	465,858	477,632
Williston	25,737	NR	NR	NR	NR
Winter Park	432,233	NR	NR	NR	NR
Withlacoochee	3,772,404	4,078,478	3,627,733	3,570,119	3,565,155
Respondent Total**	216,568,586	221,425,517	213,107,055	203,731,846	204,604,653
FRCC State Total	221,312,000	225,930,000	220,586,000	215,891,000	216,758,000

NR=Not Reported

*Okefenoke sells power in Florida and Georgia; figures reflect Florida customers only.

**Respondent total includes sales to other public authorities; therefore, respondent totals are not comparable to FRCC totals.

***Progress Energy Florida, Inc. changed its name to Duke Energy Florida, Inc. on April 29, 2013

Sources: Table 23 and 27

Table 27
Total Consumption and Percentage Change by Class of Service
2004-2013

Year		Residential	Commercial	Industrial	Other Public Authorities*	Total
2004	Consumption (GWH)	110,736	76,598	23,025	5,665	216,024
	Change from prior year	-0.4%	1.0%	3.2%	2.2%	0.5%
2005	Consumption (GWH)	114,530	79,046	23,414	5,916	222,906
	Change from prior year	3.4%	3.2%	1.1%	3.8%	3.1%
2006	Consumption (GWH)	115,279	80,474	23,425	6,013	225,191
	Change from prior year	1.0%	2.1%	0.0%	1.7%	1.3%
2007	Consumption (GWH)	116,132	82,758	23,107	6,209	228,206
	Change from prior year	0.7%	2.8%	-1.4%	3.3%	1.3%
2008	Consumption (GWH)	112,431	82,205	22,615	6,214	223,465
	Change from prior year	-3.2%	-0.7%	-2.1%	0.1%	-2.1%
2009	Consumption (GWH)	113,341	80,874	20,811	6,221	221,312
	Change from prior year	0.8%	-1.5%	-8.0%	0.1%	-1.0%
2010	Consumption (GWH)	118,870	80,128	20,708	6,224	225,930
	Change from prior year	4.9%	-0.9%	-0.5%	0.0%	2.1%
2011	Consumption (GWH)	113,554	80,284	20,556	6,192	220,586
	Change from prior year	-4.5%	0.2%	-0.7%	-0.5%	-2.4%
2012	Consumption (GWH)	109,182	80,216	20,293	6,200	215,891
	Change from prior year	-3.9%	-0.1%	-1.3%	0.1%	-2.1%
2013	Consumption (GWH)	110,087	80,893	19,645	6,133	216,758
	Change from prior year	0.8%	0.8%	-3.2%	-1.1%	0.4%

*Includes Street and Highway Lighting

Occasionally, the FRCC revises figures slightly, so numbers elsewhere in this report may not match.

Sources: Regional Load and Resource Plan, State Supplement, FRCC

Table 28
Consumption as a Percentage of Total by Class of Service
1999-2013

Year	Residential	Commercial	Industrial	Other
1999	50.89	33.97	11.93	3.21
2000	49.79	37.34	9.53	3.34
2001	50.59	34.11	11.83	3.47
2002	50.76	32.25	12.74	4.26
2003	51.03	32.12	12.34	4.51
2004	51.80	32.96	11.63	3.61
2005	51.94	33.16	11.24	3.66
2006	47.61	8.21	40.24	3.94
2007	51.60	33.54	11.15	3.71
2008	50.85	35.76	9.93	3.46
2009	51.78	34.99	9.79	3.44
2010	53.25	33.96	9.42	3.36
2011	51.94	35.38	9.26	3.42
2012	51.06	36.43	9.06	3.45
2013	51.32	36.24	9.04	3.41

Source: Table 23

Revenues

Table 29
Monthly Revenues by Class of Service by Selected Utility
(In Thousands of Dollars)
2013

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Residential													
Florida Power & Light Company	\$396,648	\$356,772	\$363,613	\$401,699	\$462,950	\$510,857	\$566,870	\$601,458	\$598,988	\$506,034	\$439,115	\$409,700	\$5,614,704
Florida Public Utilities Company	3,565	3,108	3,306	2,840	2,899	3,845	4,255	4,336	4,157	3,287	2,571	3,180	41,349
Gulf Power Company	44,875	40,091	45,859	38,324	47,955	63,378	62,799	63,044	58,656	44,775	41,041	49,999	600,796
Duke Energy Florida, Inc.*	154,441	155,237	150,538	161,994	182,014	211,598	236,966	225,994	246,741	219,696	175,030	170,698	2,290,947
Tampa Electric Company	68,091	59,508	62,024	65,503	72,245	88,455	94,064	97,882	101,528	87,519	72,514	67,500	936,833
JEA	50,775	41,589	45,148	27,745	40,097	55,585	62,662	63,022	62,785	50,797	34,759	44,256	579,220
Orlando Utilities Commission	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
Commercial													
Florida Power & Light Company	\$300,580	\$290,166	\$285,724	\$302,854	\$325,759	\$329,615	\$336,738	\$351,125	\$357,019	\$331,772	\$319,501	\$313,503	\$3,844,356
Florida Public Utilities Company	2,522	2,627	2,761	3,058	3,198	3,524	3,544	3,544	3,227	2,734	2,772	36,285	69,796
Gulf Power Company	28,007	25,712	28,510	28,375	32,454	35,019	35,787	36,280	34,386	31,532	27,138	28,269	371,469
Duke Energy Florida, Inc.*	80,428	77,872	78,657	81,286	94,320	99,206	103,439	102,933	105,550	100,600	91,180	85,804	1,101,275
Tampa Electric Company	45,294	42,510	42,853	44,972	47,112	51,419	52,250	53,381	54,998	51,551	48,759	46,106	581,205
JEA	31,739	29,877	29,911	19,967	30,129	36,932	38,166	38,807	39,639	36,534	30,488	31,838	394,027
Orlando Utilities Commission	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
Industrial													
Florida Power & Light Company	\$16,157	\$15,779	\$15,773	\$16,048	\$16,738	\$16,301	\$15,880	\$16,215	\$16,211	\$15,440	\$15,416	\$15,762	\$191,720
Florida Public Utilities Company	655	346	727	204	255	202	246	187	481	279	289	216	4,087
Gulf Power Company	8,811	8,982	9,191	9,508	10,540	12,418	12,698	13,826	12,086	11,109	9,734	9,760	128,663
Duke Energy Florida, Inc.*	18,378	18,729	18,483	19,806	20,670	21,370	20,606	21,046	20,642	18,989	21,793	19,197	239,709
Tampa Electric Company	13,371	13,833	13,926	15,060	13,990	15,307	14,096	14,349	14,717	13,938	14,999	14,647	172,233
JEA	18,017	18,353	16,797	9,416	17,484	18,788	19,356	19,211	18,787	19,501	16,666	17,586	209,962
Orlando Utilities Commission	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
Other													
Florida Power & Light Company	\$6,569	\$6,866	\$6,910	\$6,913	\$7,282	\$7,051	\$6,029	\$8,316	\$7,109	\$6,940	\$7,091	\$6,999	\$84,075
Florida Public Utilities Company	178	177	176	177	178	178	181	180	182	181	179	178	2,145
Gulf Power Company	2,597	2,461	2,613	2,303	2,541	2,761	2,744	2,813	2,688	2,468	1,482	2,541	30,012
Duke Energy Florida, Inc.*	20,782	21,289	21,472	21,427	24,326	25,021	24,329	25,056	27,830	26,247	24,783	22,634	285,196
Tampa Electric Company	13,776	13,677	13,910	14,163	14,688	15,514	14,675	15,197	16,277	15,903	15,018	14,587	177,385
JEA	4,953	4,714	4,975	4,393	3,507	5,174	5,460	5,802	5,890	5,717	5,548	4,653	60,786
Orlando Utilities Commission	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
Total													
Florida Power & Light Company	\$719,954	\$669,583	\$672,020	\$727,514	\$812,729	\$863,824	\$925,517	\$977,114	\$979,327	\$860,186	\$781,123	\$745,964	\$9,734,855
Florida Public Utilities Company	6,920	6,258	6,970	6,279	6,530	7,749	8,226	8,247	8,047	6,481	5,811	39,859	117,377
Gulf Power Company	84,290	77,246	86,173	78,510	93,490	113,576	114,028	115,963	107,816	89,884	79,395	90,569	1,130,940
Duke Energy Florida, Inc.*	274,029	273,127	269,150	284,513	321,330	357,195	385,340	375,029	400,763	365,532	312,786	298,333	3,917,127
Tampa Electric Company	140,532	129,528	132,713	139,698	148,035	170,695	175,085	180,809	187,520	168,911	151,290	142,840	1,867,656
JEA	105,484	94,533	96,831	61,521	91,217	116,479	125,644	126,842	127,101	112,549	87,461	98,333	1,243,995
Orlando Utilities Commission	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR

NR=Not Reported

*Progress Energy Florida, Inc. changed its name to Duke Energy Florida, Inc. on April 29, 2013

Source: Form FPSC/SCR - 4

Table 30
Customer Revenues by Class of Service
(In Thousands of Dollars)
1999-2013

Year	Residential	Commercial	Industrial	Other Public Authorities*	Total
1999	\$6,955,823	\$3,745,961	\$1,042,359	\$357,003	\$12,101,146
2000	7,598,822	3,973,611	1,373,215	419,513	13,365,161
2001	8,682,796	4,671,712	1,495,201	471,932	15,321,641
2002	8,768,596	4,580,867	1,509,709	472,945	15,332,116
2003	9,566,860	5,017,993	1,580,890	517,843	16,683,586
2004	10,112,821	5,448,432	1,733,191	584,588	17,879,033
2005	11,150,043	6,003,804	1,928,154	644,515	19,726,515
2006	13,269,751	7,528,590	2,366,497	770,472	23,935,310
2007	13,277,193	7,597,120	2,324,045	807,329	24,005,687
2008	12,718,094	7,741,767	2,089,924	729,026	23,278,811
2009	13,879,777	8,186,033	2,322,558	828,870	25,217,238
2010	13,130,852	7,165,633	1,869,629	774,006	22,940,120
2011	12,705,770	7,303,597	2,017,392	795,924	22,822,684
2012	11,852,134	6,990,684	1,597,629	739,474	21,179,921
2013	12,409,792	6,905,538	2,015,606	729,113	22,060,049

*Other includes Street and Highway Lighting

Source: Form FPSC/SCR - 1

Table 31
Customer Revenues as a Percentage of Total by Class of Service
1999-2013

Year	Residential	Commercial	Industrial	Other Public Authorities*
1999	57.5	31.0	8.6	3.0
2000	56.9	29.7	10.3	3.1
2001	56.7	30.5	9.8	3.1
2002	57.2	29.9	9.8	3.1
2003	57.3	30.1	9.5	3.1
2004	56.6	30.5	9.7	3.3
2005	56.5	30.4	9.8	3.3
2006	47.7	26.0	22.2	4.0
2007	55.3	31.6	9.7	3.4
2008	54.6	33.3	9.0	3.1
2009	55.0	32.5	9.2	3.3
2010	57.2	31.2	8.2	3.4
2011	55.7	32.0	8.8	3.5
2012	56.0	33.0	7.5	3.5
2013	56.3	31.3	9.1	3.3

*Other includes Street and Highway Lighting

Source: Table 30

Number of Customers

Table 32
Monthly Number of Customers by Class of Service by Selected Utility
2013

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Monthly Average
Residential													
Florida Power & Light Company	4,068,399	4,072,597	4,078,650	4,081,968	4,083,253	4,084,806	4,091,309	4,100,454	4,112,677	4,124,489	4,130,692	4,136,766	4,097,172
Florida Public Utilities Company	23,617	23,638	23,746	23,829	23,713	23,961	23,822	23,743	23,750	23,713	23,682	23,695	23,742
Gulf Power Company	380,183	380,845	381,526	381,819	382,139	382,682	383,254	383,394	383,825	383,664	383,879	383,980	382,599
Progress Energy Florida, Inc.*	1,385,210	1,468,867	1,399,956	1,476,489	1,552,943	1,484,817	1,484,608	1,402,771	1,477,554	1,491,852	1,575,906	1,656,929	1,488,159
Tampa Electric Company	607,551	609,043	610,556	611,575	612,429	613,038	613,729	614,172	615,270	616,097	617,259	617,750	613,206
JEA	371,170	351,400	372,545	373,591	373,812	374,515	375,435	375,744	376,161	377,327	341,790	377,899	370,116
Orlando Utilities Commission	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
Commercial													
Florida Power & Light Company	513,848	513,851	514,302	514,643	515,192	515,687	516,921	518,073	517,247	520,689	521,269	516,500	516,518
Florida Public Utilities Company	4,357	4,348	4,356	4,364	4,378	4,383	4,381	4,376	4,377	4,371	4,371	4,374	4,370
Gulf Power Company	53,828	53,963	54,029	54,115	54,260	54,283	54,320	54,363	54,445	54,428	54,529	54,567	54,261
Progress Energy Florida, Inc.*	158,539	164,377	160,252	162,275	171,432	164,961	166,872	159,944	165,753	166,811	174,953	175,057	165,936
Tampa Electric Company	71,360	71,592	71,678	71,791	71,889	71,993	72,162	72,245	72,279	72,210	72,225	72,171	71,966
JEA	44,239	42,884	44,296	44,476	44,420	44,530	44,539	44,814	44,866	45,036	42,416	45,122	44,303
Orlando Utilities Commission	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
Industrial													
Florida Power & Light Company	9,017	9,111	9,107	9,185	9,390	9,527	9,640	9,654	9,824	9,951	10,016	10,069	9,541
Florida Public Utilities Company	2	2	2	2	2	2	2	2	2	2	2	2	2
Gulf Power Company	258	256	257	257	259	256	257	258	259	262	261	260	258
Duke Energy Florida, Inc.*	2,309	2,371	2,337	2,320	2,403	2,337	2,361	2,296	2,314	2,324	2,431	2,315	2,343
Tampa Electric Company	1,551	1,557	1,559	1,561	1,565	1,568	1,569	1,566	1,567	1,568	1,566	1,566	1,564
JEA	211	198	209	212	210	203	207	208	202	209	202	204	206
Orlando Utilities Commission	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
Other													
Florida Power & Light Company	3,698	3,699	3,705	3,706	3,711	3,712	3,715	3,715	3,715	3,720	3,739	3,748	3,715
Florida Public Utilities Company	3,035	3,039	3,037	3,041	3,031	3,072	3,037	3,054	3,042	3,036	3,032	3,031	3,041
Gulf Power Company	577	577	577	577	578	581	580	579	580	581	581	582	579
Duke Energy Florida, Inc.*	25,028	25,504	25,047	25,231	26,467	25,570	25,899	24,963	25,635	25,863	26,881	26,843	25,744
Tampa Electric Company	8,046	8,036	8,022	7,994	7,981	7,973	7,952	7,955	7,958	7,997	8,019	8,050	7,999
JEA	4,723	4,275	4,721	4,744	4,738	4,752	4,748	4,737	4,740	4,749	4,419	4,744	4,674
Orlando Utilities Commission	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
Total													
Florida Power & Light Company	4,594,962	4,599,258	4,605,764	4,609,502	4,611,546	4,613,732	4,621,585	4,631,896	4,643,463	4,658,849	4,665,716	4,667,083	4,626,946
Florida Public Utilities Company	31,011	31,027	31,141	31,236	31,124	31,418	31,242	31,175	31,171	31,122	31,087	31,102	31,155
Gulf Power Company	434,846	435,641	436,389	436,768	437,236	437,802	438,411	438,594	439,109	438,935	439,250	439,389	437,698
Duke Energy Florida, Inc.*	1,571,086	1,661,119	1,587,592	1,666,315	1,753,245	1,677,685	1,679,740	1,589,974	1,671,256	1,686,850	1,780,171	1,861,144	1,682,181
Tampa Electric Company	688,508	690,228	691,815	692,921	693,864	694,572	695,412	695,938	697,074	697,872	699,069	699,537	694,734
JEA	420,343	398,757	421,771	423,023	423,180	424,000	424,929	425,503	425,969	427,321	388,827	427,969	419,299
Orlando Utilities Commission	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR

NR=Not Reported

*Progress Energy Florida, Inc. changed its name to Duke Energy Florida, Inc. on April 29, 2013

Sources: Form FPSC/CAO - 4

Table 33
Average Number of Customers by Class of Service by Utility
2013

Utility	Residential	Commercial	Industrial	Other	Total
Florida Power & Light Company	4,097,172	516,518	9,541	3,715	4,626,946
Florida Public Utilities Company	23,742	4,370	2	3,041	31,155
Gulf Power Company	382,599	54,261	258	579	437,698
Duke Energy Florida, Inc.****	1,488,159	165,936	2,343	25,744	1,682,181
Tampa Electric Company	613,206	71,966	1,564	7,999	694,734
Alachua	NR	NR	NR	NR	NR
Bartow	10,025	1,207	370	134	11,736
Blountstown	NR	NR	NR	NR	NR
Bushnell	NR	NR	NR	NR	NR
Central Florida Co-op	29,807	2,062	84	688	32,641
Chattahoochee	981	117	2	62	1,162
Choctawhatchee Co-op	39,679	5,386	225	0	45,290
Clay Co-op	150,129	16,736	749	70,011	237,625
Clewiston	3,356	502	128	220	4,206
Escambia River Co-op	NR	NR	NR	NR	NR
Florida Keys Co-op	26,168	4,652	397	615	31,832
Fort Meade	2,388	237	18	79	2,722
Fort Pierce	22,727	4,173	838	0	27,738
Gainesville	82,638	9,276	1,220	0	93,134
Glades Co-op	12,231	3,265	557	1	16,054
Green Cove Springs	NR	NR	NR	NR	NR
Gulf Coast Co-op	NR	NR	NR	NR	NR
Havana	NR	NR	NR	NR	NR
Homestead	NR	NR	NR	NR	NR
JEA	370,116	44,303	206	4,674	419,299
Jacksonville Beach	28,862	356	4,166	545	33,929
Key West	24,868	3,509	696	1,333	30,406
Kissimmee	55,979	8,530	861	0	65,370
Lake Worth	NR	NR	NR	NR	NR
Lakeland	101,970	10,540	1,403	8,890	122,803
Lee County Co-op	NR	NR	NR	NR	NR
Leesburg	18,759	3,250	428	272	22,709
Moore Haven	NR	NR	NR	NR	NR
Mount Dora	4,771	757	57	95	5,680
New Smyrna Beach	22,666	2,034	113	1,056	25,869
Newberry	NR	NR	NR	NR	NR
Ocala	NR	NR	NR	NR	NR
Okefenoke*	9,465	487	1	75	10,028
Orlando**	NR	NR	NR	NR	NR
Peace River Co-op	28,426	6,066	297	59	34,848
Quincy	NR	NR	NR	NR	NR
Reedy Creek	NR	NR	NR	NR	NR
Seminole Co-op***	0	0	0	0	0
Starke	1,945	741	0	0	2,686
Sumter Co-op	165,313	15,177	1,154	30	181,674
Suwannee Valley Co-op	21,956	2,975	229	84	25,244
Tallahassee	NR	NR	NR	NR	NR
Talquin Co-op	NR	NR	NR	NR	NR
Tri-County Co-op	NR	NR	NR	NR	NR
Vero Beach	28,169	4,749	678	328	33,924
Wauchula	NR	NR	NR	NR	NR
West Florida Co-op	24,916	2,216	476	560	28,168
Williston	NR	NR	NR	NR	NR
Winter Park	NR	NR	NR	NR	NR
Withlacoochee Co-op	182,754	19,149	42	408	202,353
Respondent Total	8,075,941	985,503	29,103	131,297	9,221,844
FRCC State Total	8,503,879	1,056,909	24,941	NR	9,585,729

NR=Not Reported

*Okefenoke sells power in Florida and Georgia; figures reflect Florida customers only.

**St. Cloud data is included as part of Orlando.

***Seminole Electric Cooperative generates only for resale.

****Progress Energy Florida, Inc. changed its name to Duke Energy Florida, Inc. on April 29, 2013

Sources: Form FPSC/CAO - 1,4/Regional Load and Resource Plan, FRCC

Table 34
Average Number of Customers by Utility
2009-2013

Utility	2009	2010	2011	2012	2013
Florida Power & Light Company	4,499,115	4,520,280	4,546,979	4,576,415	4,626,946
Florida Public Utilities Company	28,355	28,286	30,986	31,089	31,155
Gulf Power Company	428,206	430,030	432,403	434,441	437,698
Duke Energy Florida, Inc. ****	1,630,172	1,640,813	1,642,145	1,645,133	1,682,181
Tampa Electric Company	666,747	670,991	675,799	684,235	694,734
Alachua	4,188	4,265	4,168	NR	NR
Bartow	11,733	11,634	11,618	11,603	11,736
Blountstown	1,670	NR	NR	NR	NR
Bushnell	1,100	1,072	1,026	NR	NR
Central Florida	32,920	32,816	32,638	32,608	32,641
Chattahoochee	1,246	1,228	1,205	1,175	1,162
Choctawhatchee	42,572	42,714	43,311	44,302	45,290
Clay	165,720	166,078	166,171	231,624	237,625
Clewiston	4,147	4,160	4,195	4,167	4,206
Escambia River	10,014	9,971	9,957	NR	NR
Florida Keys	31,119	31,124	31,204	31,535	31,832
Fort Meade	2,769	2,748	2,711	2,711	2,722
Fort Pierce	28,306	27,757	27,750	27,717	27,738
Gainesville	93,045	92,340	92,265	92,556	93,134
Glades	16,136	16,290	NR	16,034	16,054
Green Cove Springs	3,801	3,927	3,801	NR	NR
Gulf Coast	20,389	20,233	20,173	NR	NR
Havana	1,351	NR	1,355	NR	NR
Homestead	20,911	21,713	22,369	NR	NR
JEA	403,543	412,796	409,193	413,017	419,299
Jacksonville Beach	33,331	33,410	33,319	33,260	33,929
Key West	29,601	29,908	30,171	30,282	30,406
Kissimmee	61,899	62,199	63,167	64,297	65,370
Lake Worth	24,983	24,693	NR	NR	NR
Lakeland	121,832	121,697	121,747	122,057	122,803
Lee County	NR	NR	NR	NR	NR
Leesburg	NR	22,547	22,509	22,478	22,709
Moore Haven	957	1,008	NR	NR	NR
Mount Dora	5,732	5,689	5,663	5,705	5,680
New Smyrna Beach	24,446	25,078	25,401	25,581	25,869
Newberry	1,485	NR	NR	NR	NR
Ocala	48,234	47,975	NR	NR	NR
Okefenoke*	9,980	9,975	9,947	9,939	10,028
Orlando Utilities**	217,508	220,306	223,618	NR	NR
Peace River	32,785	33,060	33,368	34,059	34,848
Quincy	NR	NR	NR	NR	NR
Reedy Creek	1,286	1,283	1,301	NR	NR
Starke	2,753	2,715	2,699	2,691	2,686
Sumter	168,080	172,171	174,949	177,078	181,674
Suwannee Valley	24,703	24,756	24,884	24,964	25,244
Tallahassee	NR	NR	NR	NR	NR
Talquin	52,358	52,221	NR	NR	NR
Tri-County	17,608	NR	NR	NR	NR
Vero Beach	33,445	33,806	33,598	33,722	33,924
Wauchula	2,686	NR	2,641	NR	NR
West Florida	27,939	27,961	NR	27,859	28,168
Williston	1,501	NR	NR	NR	NR
Winter Park	13,825	NR	NR	NR	NR
Withlacoochee	199,658	199,983	200,549	201,186	202,353
Respondent Total***	9,307,891	9,345,707	9,222,953	9,095,519	9,221,844
FRCC State Total	9,399,539	9,382,254	9,434,393	9,495,319	9,585,729

NR=Not Reported

*Okefenoke sells power in Florida and Georgia; These figures reflect Florida customers only.

**St. Cloud data is included as part of Orlando.

***Respondent total includes sales to other public authorities. Therefore, respondent totals are not comparable to FRCC totals.

****Progress Energy Florida, Inc. changed its name to Duke Energy Florida, Inc. on April 29, 2013

Source: Table 33

Table 35
Average Number of Customers and Percentage Change by Class of Service
2004-2013

Year		Residential	Commercial	Industrial	Total
2004*	Number of Customers	7,762,998	958,450	32,850	8,754,298
	Change from prior year	2.6%	2.7%	5.7%	2.7%
2005	Number of Customers	7,962,111	981,885	36,188	8,980,184
	Change from prior year	2.6%	2.4%	10.2%	2.6%
2006	Number of Customers	8,158,148	1,006,646	35,304	9,200,098
	Change from prior year	2.5%	2.5%	-2.4%	2.4%
2007	Number of Customers	8,318,132	1,029,331	35,733	9,383,196
	Change from prior year	2.0%	2.3%	1.22%	2.0%
2008	Number of Customers	8,351,253	1,036,598	30,134	9,417,985
	Change from prior year	0.4%	0.7%	-15.7%	0.4%
2009	Number of Customers	8,338,964	1,032,948	27,627	9,399,539
	Change from prior year	-0.1%	-0.4%	-8.3%	-0.2%
2010	Number of Customers	8,324,256	1,030,955	27,043	9,382,254
	Change from prior year	-0.2%	-0.2%	-2.1%	-0.2%
2011	Number of Customers	8,369,607	1,037,584	27,202	9,434,393
	Change from prior year	0.5%	0.6%	0.6%	0.6%
2012	Number of Customers	8,421,235	1,046,733	27,351	9,495,319
	Change from prior year	0.6%	0.9%	0.5%	0.6%
2013	Number of Customers	8,503,879	1,056,909	24,941	9,585,729
	Change from prior year	1.0%	1.0%	-8.8%	1.0%

*FRCC numbers as revised

Sources: FRCC numbers from Table 33

Table 36
Population and Customers for Selected Investor-Owned Utilities
(Historical and Forecasted)
2004-2023

Utility	Year	Population	Residential Customers	Commercial Customers	Industrial Customers	Other Customers	Total Customers
Florida Power & Light Company	2004	8,247,442	3,744,915	458,053	18,512	3,029	4,224,509
	2007	8,729,806	3,981,451	493,130	18,732	3,276	4,496,589
	2012	8,948,850	4,052,174	511,887	8,743	3,645	4,576,449
	2017 *	9,557,516	4,344,325	554,623	10,594	3,913	4,913,455
	2023 *	10,318,293	4,690,133	602,612	11,907	4,724	5,039,376
Gulf Power Company	2004	776,870	345,467	51,981	279	474	398,200
	2007	791,840	371,213	53,791	303	486	425,793
	2012	813,960	379,897	53,706	267	572	434,442
	2017 *	884,980	410,080	56,853	282	573	467,788
	2023 *	974,490	437,567	59,480	293	578	497,917
Duke Energy Florida, Inc.**	2004	3,339,460	1,364,677	158,780	2,447	22,437	1,548,627
	2007	3,532,104	1,442,853	162,837	2,668	24,010	1,632,368
	2012	3,636,514	1,458,690	163,297	2,372	25,480	1,649,839
	2017 *	3,868,716	1,569,459	177,706	2,340	27,744	1,777,249
	2023 *	4,075,604	1,693,168	187,949	2,176	26,913	1,910,206
Tampa Electric Company	2004	1,108,451	544,313	67,488	1,299	6,435	619,535
	2007	1,194,436	586,776	70,891	1,494	7,193	666,354
	2012	1,256,118	603,594	71,143	1,536	7,962	684,235
	2017 *	1,351,291	649,098	76,388	1,556	8,439	735,481
	2023 *	1,478,099	708,128	81,451	1,669	8,758	800,006

*Projected

**Progress Energy Florida, Inc. changed its name to Duke Energy Florida, Inc. on April 29, 2013

Source: Individual Ten-Year Site Plans

Prices

Table 37
Price of Residential Service*
December 31, 2013

Investor-Owned Utility	Minimum Bill or Customer Charge	100 KWH	250 KWH	500 KWH	750 KWH	1,000 KWH	1,500 KWH
Florida Power & Light Company	\$7.24	\$15.79	\$28.61	\$50.01	\$71.37	\$92.73	\$145.67
Florida Public Utilities Company							
Northwest Division	\$12.00	\$24.00	\$42.00	\$71.99	\$101.97	\$131.96	\$191.95
Northeast Division	\$12.00	\$23.91	\$41.76	\$71.50	\$101.25	\$130.99	\$190.49
Gulf Power Company	\$15.00	\$25.09	\$40.23	\$65.47	\$90.69	\$115.91	\$166.38
Duke Energy Florida, Inc.**	\$8.76	\$19.20	\$34.87	\$60.97	\$87.08	\$113.16	\$176.54
Tampa Electric Company	\$15.00	\$24.06	\$37.65	\$60.28	\$82.93	\$105.55	\$150.83

*Excludes local taxes, franchise fees, and gross receipts taxes that are billed as separate line items. Includes cost recovery clause factors effective December 2013.

**Progress Energy Florida, Inc. changed its name to Duke Energy Florida, Inc. on April 29, 2013

Source: FPSC Comparative Rate Statistics

Table 37 (continued)
Price of Residential Service*
December 31, 2013

Municipal Utility	Minimum Bill or Customer Charge	100 KWH	250 KWH	500 KWH	750 KWH	1,000 KWH	1,500 KWH
Alachua	\$9.00	\$20.55	\$37.88	\$66.75	\$95.63	\$124.50	\$182.25
Bartow	\$8.00	\$20.07	\$38.19	\$68.36	\$98.55	\$128.72	\$189.08
Blountstown	\$3.50	\$15.39	\$33.21	\$62.93	\$92.64	\$122.35	\$181.78
Bushnell	\$7.40	\$20.07	\$39.06	\$70.73	\$102.39	\$134.05	\$197.38
Chattahoochee	\$6.50	\$17.63	\$34.33	\$62.16	\$89.99	\$117.82	\$173.48
Clewiston	\$6.50	\$16.55	\$31.62	\$56.73	\$81.84	\$106.95	\$157.18
Fort Meade	\$12.96	\$24.32	\$41.36	\$69.76	\$98.16	\$126.56	\$183.36
Fort Pierce	\$6.01	\$17.23	\$34.07	\$62.12	\$90.18	\$120.84	\$182.16
Gainesville	\$11.90	\$22.90	\$39.40	\$69.65	\$99.90	\$141.15	\$223.65
Green Cove Springs	\$6.00	\$18.20	\$36.50	\$67.00	\$98.75	\$130.50	\$194.00
Havana	\$6.00	\$17.19	\$33.99	\$61.96	\$89.95	\$117.92	\$173.88
Homestead	\$5.60	\$16.94	\$33.96	\$62.31	\$90.67	\$119.02	\$175.73
JEA	\$5.50	\$16.55	\$33.12	\$60.73	\$88.35	\$115.96	\$171.19
Jacksonville Beach	\$4.50	\$16.54	\$34.60	\$64.71	\$94.81	\$124.91	\$185.12
Key West	\$15.03	\$26.81	\$44.48	\$73.91	\$103.36	\$132.80	\$191.68
Kissimmee	\$10.17	\$20.08	\$34.96	\$59.74	\$84.54	\$109.32	\$165.22
Lake Worth	\$12.65	\$21.89	\$35.74	\$58.83	\$81.91	\$105.00	\$151.18
Lakeland	\$8.00	\$17.25	\$31.12	\$54.25	\$77.37	\$100.49	\$112.92
Leesburg	\$11.77	\$23.78	\$41.80	\$71.82	\$101.85	\$131.87	\$191.93
Moore Haven	\$8.50	\$19.62	\$36.30	\$64.10	\$91.90	\$119.70	\$175.30
Mount Dora	\$8.61	\$19.82	\$36.65	\$64.68	\$92.72	\$120.75	\$176.82
New Smyrna Beach	\$5.65	\$15.80	\$31.00	\$56.36	\$81.71	\$107.06	\$157.77
Newberry	\$7.50	\$19.75	\$38.13	\$68.75	\$99.38	\$130.00	\$191.25
Ocala	\$9.33	\$20.26	\$36.66	\$63.99	\$91.31	\$118.64	\$173.30
Orlando	\$8.00	\$18.15	\$33.36	\$58.72	\$84.08	\$109.43	\$165.15
Quincy	\$6.00	\$15.97	\$30.91	\$55.83	\$80.74	\$105.66	\$155.48
Reedy Creek	\$2.85	\$14.80	\$32.73	\$62.61	\$92.47	\$122.35	\$182.11
Starke	\$0.00	\$12.10	\$30.24	\$60.48	\$90.71	\$120.95	\$189.20
St. Cloud	\$8.32	\$18.87	\$34.70	\$61.07	\$87.44	\$113.81	\$171.76
Tallahassee	\$7.22	\$18.09	\$34.41	\$61.58	\$88.77	\$115.94	\$170.30
Vero Beach	\$8.33	\$20.59	\$38.99	\$69.63	\$100.29	\$130.93	\$192.23
Wauchula	\$8.62	\$18.62	\$33.62	\$58.62	\$83.62	\$108.62	\$158.62
Williston	\$8.00	\$18.71	\$34.79	\$61.57	\$88.36	\$115.14	\$168.71
Winter Park	\$9.35	\$19.42	\$34.51	\$59.68	\$84.83	\$109.99	\$166.14

* Local taxes, franchise fees, and gross receipts taxes not embedded in rates are excluded. December 2012 Fuel and Purchased Power Costs are included.
Source: FPSC Comparative Rate Statistics

Table 37 (continued)
Price of Residential Service*
December 31, 2013

Cooperative Utility	Minimum Bill or Customer Charge	100 KWH	250 KWH	500 KWH	750 KWH	1,000 KWH	1,500 KWH
Central Florida	\$20.00	\$31.00	\$47.50	\$75.00	\$102.50	\$130.00	\$194.00
Choctawhatchee	\$26.00	\$36.30	\$51.76	\$77.50	\$103.26	\$129.00	\$180.50
Clay	\$17.00	\$26.65	\$41.13	\$65.25	\$89.38	\$113.50	\$169.25
Escambia River	\$30.00	\$41.10	\$57.75	\$85.50	\$113.25	\$141.00	\$196.50
Florida Keys	\$24.00	\$34.00	\$49.00	\$74.00	\$98.99	\$123.99	\$173.99
Glades	\$25.00	\$37.20	\$55.50	\$86.00	\$116.49	\$146.99	\$220.49
Gulf Coast	\$30.00	\$38.81	\$52.03	\$74.05	\$96.08	\$118.10	\$162.15
Lee County	\$15.00	\$24.92	\$39.79	\$61.98	\$88.07	\$114.16	\$171.69
Okefenoke	\$17.50	\$27.74	\$43.10	\$68.70	\$94.30	\$119.90	\$171.10
Peace River	\$22.50	\$34.18	\$51.71	\$80.91	\$110.12	\$139.32	\$207.73
Sumter	\$14.50	\$25.61	\$42.26	\$70.03	\$97.79	\$125.55	\$181.08
Suwannee Valley	\$21.80	\$32.65	\$48.93	\$76.05	\$103.18	\$130.30	\$184.55
Talquin	\$20.00	\$30.96	\$47.40	\$74.80	\$102.21	\$129.60	\$191.90
Tri-County	\$19.50	\$31.70	\$50.00	\$80.50	\$111.00	\$141.50	\$202.50
West Florida	\$20.00	\$35.82	\$52.12	\$79.30	\$106.47	\$133.64	\$197.76
Withlacoochee River	\$18.00	\$28.20	\$43.50	\$68.99	\$94.49	\$119.98	\$170.97

* Local taxes, franchise fees, and gross receipts taxes not embedded in rates are excluded. December 2012 Fuel and Purchased Power Costs are included.

Source: FPSC Comparative Rate Statistics

Table 38
Price of Commercial and Industrial Service*
December 31, 2013

Investor-Owned Utility	75 KW 15,000 KWH	150 KW 45,000 KWH	500 KW 150,000 KWH	1,000 KW 400,000 KWH	2,000 KW 800,000 KWH
Florida Power & Light Company	\$1,589	\$3,908	\$12,900	\$30,265	\$59,902
Florida Public Utilities Company					
Northwest Division	\$1,732	\$4,883	\$15,927	\$40,972	\$81,844
Northeast Division	\$1,743	\$4,914	\$16,128	\$41,508	\$82,916
Gulf Power Company	\$1,567	\$4,167	\$14,548	\$35,083	\$69,941
Duke Energy Florida, Inc.**	\$1,536	\$4,173	\$13,882	\$35,170	\$70,328
Tampa Electric Company	\$1,730	\$4,308	\$14,291	\$34,408	\$68,786

*Excludes local taxes, franchise fees, and gross receipts taxes that are billed as separate line items. Includes cost recovery clause factors effective December 2012.

**Progress Energy Florida, Inc. changed its name to Duke Energy Florida, Inc. on April 29, 2013

Source: FPSC Comparative Rate Statistics

Table 38 (continued)
Price of Commercial and Industrial Service*
December 31, 2013

Municipal Utility	75 KW 15,000 KWH	150 KW 45,000 KWH	500 KW 150,000 KWH	1,000 KW 400,000 KWH	2,000 KW 800,000 KWH
Alachua	\$1,976	\$5,295	\$17,545	\$44,295	\$88,545
Bartow	\$2,105	\$5,611	\$18,658	\$46,778	\$93,536
Blountstown	\$2,004	\$5,997	\$19,975	\$53,255	\$106,503
Bushnell	\$2,225	\$6,070	\$20,180	\$51,293	\$102,563
Chattahoochee	\$1,950	\$5,459	\$18,181	\$46,796	\$93,584
Clewiston	\$1,743	\$4,877	\$16,159	\$41,822	\$83,602
Fort Meade	\$1,931	\$5,532	\$18,342	\$45,702	\$91,362
Fort Pierce	\$1,919	\$5,171	\$18,514	\$44,929	\$89,819
Gainesville	\$2,534	\$6,708	\$22,125	\$54,200	\$108,050
Green Cove Springs	\$2,140	\$5,770	\$19,175	\$45,775	\$91,425
Havana	\$1,685	\$5,042	\$16,794	\$44,774	\$89,542
Homestead	\$2,104	\$5,763	\$19,128	\$48,826	\$97,616
JEA	\$1,882	\$4,845	\$15,951	\$40,555	\$80,775
Jacksonville Beach	\$2,245	\$6,066	\$20,183	\$50,960	\$101,904
Key West	\$2,201	\$5,775	\$19,030	\$47,742	\$95,390
Kissimmee	\$1,885	\$4,877	\$16,126	\$39,946	\$79,836
Lake Worth	\$2,213	\$5,705	\$18,830	\$46,640	\$93,200
Lakeland	\$1,513	\$3,954	\$13,188	\$32,201	\$64,072
Leesburg	\$2,018	\$5,152	\$17,114	\$41,802	\$83,579
Moore Haven	\$1,983	\$5,203	\$17,264	\$42,964	\$85,894
Mount Dora	\$1,554	\$4,271	\$14,192	\$36,242	\$72,464
New Smyrna Beach	\$1,889	\$5,094	\$16,903	\$42,768	\$85,502
Newberry	\$2,120	\$5,579	\$18,560	\$44,045	\$88,045
Ocala	\$1,738	\$4,720	\$16,001	\$39,878	\$79,732
Orlando	\$1,658	\$4,313	\$14,305	\$34,703	\$69,331
Quincy	\$1,555	\$4,244	\$14,005	\$35,912	\$67,203
Reedy Creek	\$2,159	\$5,536	\$18,407	\$45,048	\$90,076
Starke	\$2,034	\$6,084	\$20,259	\$54,009	\$108,009
St. Cloud	\$1,724	\$4,485	\$14,877	\$36,094	\$72,110
Tallahassee	\$1,808	\$4,470	\$14,688	\$35,358	\$70,656
Vero Beach	\$2,021	\$5,648	\$18,735	\$48,410	\$96,780
Wauchula	\$1,795	\$4,846	\$16,000	\$40,735	\$81,405
Williston	\$1,769	\$4,882	\$15,995	\$40,570	\$81,090
Winter Park	\$1,505	\$4,153	\$13,813	\$35,321	\$70,629

*Local taxes, franchise fees, & gross receipts taxes not embedded in rates are excluded. December 2013 Fuel & Purchased Power Costs are included.
Source: FPSC Comparative Rate Statistics

Table 38 (continued)
Price of Commercial and Industrial Service*
December 31, 2013

Cooperative Utility	75 KW 15,000 KWH	150 KW 45,000 KWH	500 KW 150,000 KWH	1,000 KW 400,000 KWH	2,000 KW 800,000 KWH
Central Florida	\$1,998	\$5,260	\$17,300	\$43,300	\$86,500
Choctawhatchee	\$1,632	\$4,355	\$13,777	\$35,030	\$70,016
Clay	\$1,609	\$4,342	\$14,285	\$36,510	\$69,525
Escambia River	\$2,068	\$5,465	\$18,100	\$45,350	\$90,650
Florida Keys	\$1,572	\$4,576	\$15,095	\$40,121	\$80,173
Glades	\$2,185	\$6,010	\$19,899	\$48,371	\$96,567
Gulf Coast	\$1,846	\$4,464	\$14,785	\$36,143	\$72,243
Lee County	\$1,708	\$4,544	\$14,118	\$34,718	\$69,412
Okefenoke	\$1,830	\$4,759	\$15,630	\$39,160	\$78,220
Peace River	\$1,979	\$5,117	\$16,824	\$41,947	\$83,794
Sumter	\$1,671	\$4,472	\$14,777	\$37,397	\$74,739
Suwannee Valley	\$1,832	\$4,934	\$16,450	\$40,650	\$81,050
Talquin	\$1,799	\$5,013	\$16,895	\$39,192	\$78,084
Tri-County	\$2,100	\$5,295	\$17,300	\$42,750	\$85,350
West Florida	\$1,882	\$5,170	\$17,115	\$43,708	\$87,316
Withlacoochee River	\$1,545	\$4,130	\$13,702	\$34,492	\$68,956

* Local taxes, franchise fees, and gross receipts taxes not embedded in rates are excluded. December 2013 Fuel and Purchased Power Costs are included.

Source: FPSC Comparative Rate Statistics

Economic and Financial Indicators

Table 39
Population Estimates
2004-2013
(in Thousands)

Year	Florida Population	National Population
2004	17,375	293,046
2005	17,784	295,753
2006	18,089	298,593
2007	18,278	301,580
2008	18,424	304,375
2009	18,538	307,007
2010	18,839	309,330
2011	19,058	311,592
2012	19,074	314,917
2013	19,553	316,129

Source: U.S. Census Bureau, Washington D.C. 20233
<http://www.census.gov/popest/index.html>

Table 40
Population Projections
2020-2040
(in Thousands)

Year	Florida Population	National Population
2020	21,150	341,387
2030	23,609	373,504
2040	25,603	405,655

Source: U.S. Census Bureau, Washington D.C. 20233
<http://edr.state.fl.us/Content/population-demographics/data/index.cfm>

Table 41
Consumer Price Index
All Urban Consumers
Annual Rate of Change
2004-2013

Year*	All Urban Consumers
2004	2.7%
2005	3.4%
2006	3.2%
2007	2.8%
2008	3.8%
2009	-0.4%
2010	1.6%
2011	3.2%
2012	2.1%
2013	1.5%

Table 42
Consumer Price Index
For All Items and Fuel and Other Utilities
2004-2013

Year*	All Items	Fuel and Other Utilities
2004	188.9	161.9
2005	195.3	179
2006	201.6	194.7
2007	207.3	200.6
2008	215.3	220.0
2009	214.5	211
2010	218.1	214.2
2011	224.9	220.4
2012	229.6	219.0
2013	233.0	224

*Not seasonally adjusted.

Source: Tables 41 and 42, Economic Indicators, Council of Economic Advisors, Joint Economic Committee, United States Government Printing Office

<http://www.gpo.gov/fdsys/browse/collection.action?collectionCode=ECONI>

Table 43
Producer Price Index
Total Finished Goods and Capital Equipment
2004-2013

Year	Finished Goods	Capital Equipment
2004	148.5	141.4
2005	155.7	144.6
2006	160.4	146.9
2007	166.6	149.5
2008	177.1	153.8
2009	172.5	156.7
2010	179.8	157.3
2011	190.5	159.7
2012	194.2	162.8
2013	196.1	165.3

Source: Economic Indicators, Council of Economic Advisers,
Joint Economic Committee, United States Government Printing Office
<http://www.gpo.gov/fdsys/browse/collection.action?collectionCode=ECONI>

Appendix

Abbreviations and Terminology

Abbreviations and Terminology

The following abbreviations are used frequently throughout this report:

EIA	Energy Information Administration
EDC	Florida Energy Data Center
EI	Edison Electric Institute
FCG	Florida Electric Power Coordinating Group, Inc.
FERC	Federal Energy Regulatory Commission (formerly FPC)
FPC	Federal Power Commission
FPSC	Florida Public Service Commission
FRCC	Florida Reliability Coordinating Council (formerly FCG)

BBL	Barrel (42 gallons)
BTU	British Thermal Unit
ECS	Extended Cold Standby
IC & GT	Internal Combustion and Gas Turbine
MCF	Thousands of Cubic Feet
SH-TON	Short Ton (2,000 pounds)
THERM	100,000 BTUs

Kilowatt (KW) = 1,000 watts

Megawatt (MW) = 1,000 kilowatts

Gigawatt (GW) = 1,000 megawatts

Kilowatt-Hour (KWH) = 1,000 watt-hours

Megawatt-Hour (MWH) = 1,000 kilowatt-hours

Gigawatt-Hours (GWH) = 1,000 megawatt-hours

Unit Number (U)

r = Retirement
c = Change of modification of unit

Unit Type (T)

FS = Fossil Steam
CT = Combustion Turbine
D = Diesel
CC = Combined Cycle
N = Nuclear
UN = Unknown

Primary Fuel (F)

HO = Heavy Oil
LO = Light Oil
NG = Natural Gas
N = Nuclear
C = Coal
SW = Solid Waste
UN = Unknown

Capability

MW-S = Megawatt Summer
MW-W = Megawatt Winter
NMPLT = Nameplate

Net summer and winter continuous capacity and generator maximum nameplate rating. If unit is to undergo a change or modification, these columns indicate rating change.

Load Factor Formula

$$\text{Percent Load Factor} = \frac{\text{Net Energy for Load}}{\text{Peak Load (MWH)} \times 8,760} \times 100$$

Where:

Net Energy for Load = Total MWH Generated – Plant Use + MWH Received – MWH Delivered

Peak Load = That 60 minute demand interval for which gross generated MWH was highest for the year.

The load factor for a specific utility is an index ranging from zero to one. The load factor reflects the ratio of total MWH actually generated and delivered to ultimate customers to the total MWH that would have been generated and delivered had the utility maintained that level of system net generation observed at the peak period (60 minutes) for every hour of the year or a total of 8,760 hours.

The closer the load factor is to one, the flatter the load curve is or the lower the difference between maximum and minimum levels of use over a one-year period. The closer the load factor is to zero, the greater this difference is, and therefore, the magnitude of peaking across the load curve is greater.

Glossary of Electric Utility Terms

Glossary of Electric Utility Terms

Average Annual KWH Use per Customer – Annual kilowatt-hour sales of a class of service (see Classes of Electric Service for list) divided by the average number of customers for the same 12-month period (usually refers to all residential customers, including those with electric space heating). A customer with two or more meters at the same location because of special services, such as water heating, etc., is counted as one customer.

BTU (British Thermal Unit) – The standard unit for measuring quantity of heat energy, such as the heat content of fuel. It is the amount of heat energy necessary to raise the temperature of one pound of water one degree Fahrenheit.

Content of Fuel, Average – The heat value per unit quantity of fuel expressed in BTU as determined from tests of fuel samples. Examples: BTU per pound of coal, per gallon of oil, etc.

BTU per Kilowatt-Hour – See **Heat Rate**.

Capability – The maximum load which a generating unit, generating station, or other electrical apparatus can carry under specified conditions for a given period of time, without exceeding approved limits of temperature and stress.

Gross System – The net generating station capability of a system at a stated period of time (usually at the time of the system's maximum load), plus capability available at such time from other sources through firm power contracts.

Note: The Florida Electric Power Coordinating Group and much of the utility industry prefer a different definition. Their use of the word relates to the capability at the generator terminals and would therefore be defined as the "total capability of a system's generating units measured at their terminals."

Margin of Reserve – See **Capability Margin**.

Net Generating Station – The capability of a generating station as demonstrated by test or as determined by actual operating experience less power generated and used for auxiliaries and other station uses. Capability may vary with the character of the load, time of year (due to circulating water temperatures in thermal stations or availability of water in hydro stations), and other characteristic causes. Capability is sometimes referred to as Effective Rating.

Net System – The net generating station capability of a system at a stated period of time (usually at the time of the system's maximum load), plus capability available at such time from other sources through firm power contracts, less firm power obligations at such time to other companies or systems.

Peaking – Generating capability normally designed for use during the maximum load period of a designated time interval.

Capability Margin/Reserve Margin – The difference between net system capability and system maximum load requirements (peak load). It is the margin of capability available to provide for scheduled maintenance, emergency outages, system operating requirements, and unforeseen loads.

Capacity – The load for which a generating unit, generating station, or other electrical apparatus is rated either by the use or by the manufacturer. See also **Nameplate Rating**.

Dependable – The load-carrying ability for the time interval and period specified when related to the characteristics of the load to be supplied. Dependable capacity of a station is determined by such factors as capability, operating power factor, and portion of the load which the station is to supply.

Hydraulic – The rating of a hydroelectric generating unit or the sum of such ratings for all units in a station or stations.

Installed Generating – See **Nameplate Rating**.

Peaking – Generating units or stations which are available to assist in meeting that portion of peak load which is above base load.

Purchase – The amount of power available for purchase from a source outside the system to supply energy or capacity.

Reserve: **Cold** – Thermal generating units available for service but not maintained at operating temperature.

Hot – Thermal generating units available, up to temperature, and ready for service, although not actually in operation.

Margin of – See **Capability Margin**.

Spinning – Generating units connected to the bus and ready to take load.

Thermal – The rating of a thermal electric generating unit or the sum of such ratings for all units in a station or stations.

Total Available – See **Capability, Gross System**.

Charge, Electric Energy – See **Energy, Electric**.

Classes of Electric Service – See class name for each definition.

Sales to Ultimate Customers:*

Residential
Commercial and Industrial
 Commercial
 Industrial
Small Light and Power
Large Light and Power

Public Street and Highway Lighting
Other Public Authorities
Railroads and Railways
Interdepartmental

Sales for Resale (Other Electric Utilities):

Investor-Owned Companies
Cooperatively Owned Electric Systems

Municipally Owned Electric Systems
Federal and State Electric Agencies

*Companies service rural customers under distinct rural rates and classify these sales as "Rural." However, many companies service customers in rural areas under standard Residential, Commercial, and Industrial rates and classify such sales similarly. Consequently, "Rural" is a rate classification rather than a customer classification, and since "Rural" is frequently confused with "Farm Service" (a type of Residential and/or Commercial service), the "Rural" classification has been generally discontinued as a customer classification.

Classes of Electric Systems – Federal Power Commission groupings (as of 1968) of operating systems based on volume and kinds of electric output for the purpose of reporting power system operations.

Basis of Classification	Class of System
Systems which generate all or part of system requirements and whose net energy for system for the year reported was:	
More than 100,000,000 kilowatt-hours	I
20,000,000 to 100,000,000 kilowatt-hours	II
Less than 20,000,000 kilowatt-hours	III
 Systems engaged primarily in sales for resale and/or sales to industrial, all other sales being negligible	 IV
 Systems which obtain entire energy requirements from other systems	 V

Combined Cycle – Consists of three components: two combustion turbines, each with its own generator, and one steam boiler with associated steam turbine generator. The normally wasted combustion may also be supplementally fired.

Conventional Fuels – The fossil fuels: coal, oil, or gas.

Cooperative, Rural Electric – See **Rural**.

Cooperatives (Cooperatively-Owned Electric Utilities) – A joint venture organized for the purpose of supplying electric energy to a specified area. Such ventures are generally exempt from the federal income tax laws. Most cooperatives have been financed by the Rural Electrification Administration.

Customer (Electric) – A customer is an individual, firm, organization, or other electric utility which purchases electric service at one location under one rate classification, contract, or schedule. If service is supplied to a customer at more than one location, each location shall be counted as a separate customer unless consumption is combined before the bill is calculated.

Note 1: If service is supplied to a customer at one location through more than one meter and under several rate classifications or schedules but only for one class of service (for example, separate meters for residential regular and water heating service), such multiple rate services shall be counted as only one customer at the one location.

Note 2: Where service is used for one part of a month (prorated period), only initial bills of customers during such month only shall be counted; final bills should not be counted as customers.

Note 3: See also **Ultimate Customers**.

Demand – The rate at which electric energy is delivered to or by a system, part of a system, or a piece of equipment expressed in kilowatts, kilovolt-amperes, or other suitable unit at a given instant or averaged over any designated period of time. The primary source of “Demand” is the power-consuming equipment of the customers. See **Load**.

Annual Maximum – The greatest of all demands of the load under consideration which occurred during a prescribed demand interval in a calendar year.

Annual System Maximum – The greatest demand on an electric system during a prescribed demand interval in a calendar year.

Average – The demand on, or the power output of, an electric system or any of its parts over any interval of time, as determined by dividing the total number of kilowatt-hours by the number of units of time in the interval.

Billing – The demand upon which billing to a customer is based, as specified in a rate schedule or contract. Billing may be based on the contract year, a contract minimum, or a previous maximum and, therefore, does not necessarily coincide with the actual measured demand of the billing period.

Coincident – The sum of two or more demands which occur in the same demand interval.

Instantaneous Peak – The maximum demand at the instant of greatest load, usually determined from the readings of indicating or graphic meters.

Integrated – The demand usually determined by an integrating demand meter or by the integration of a load curve. An integrated demand is the summation of the continuously varying instantaneous demands during a specified demand interval.

Maximum – The greatest of all demands of the load under consideration which has occurred during a specified period of time.

Noncoincident – The sum of two or more individual demands which do not occur in the same demand interval. This term is meaningful only when considering demands within a limited period of time, such as a day, week, month, a heating or cooling season, and usually not for more than one year.

Electric Utility Industry or Electric Utilities – All enterprises engaged in the production and/or distribution of electricity for use by the public, including investor-owned electric utility companies; cooperatively-owned electric utilities; government-owned electric utilities (municipal systems, federal agencies, state projects, and public power districts); and, where the data are not separable, those industrial plants contributing to the public supply.

Energy, Electric – As commonly used in the electric utility industry, electric energy means kilowatt-hours.

Fuel Costs (Most Commonly Used by Electric Utility Companies)

Cents per Million BTU Consumed – Since coal is purchased on the basis of its heat content, its cost is measured by computing the “cents per million BTU” of the fuel consumed. This figure is the total cost of fuel consumed divided by its total BTU content, and the answer is then divided by one million.

Coal – Average cost per (short) ton (dollars per ton) – includes bituminous and anthracite coal and relatively small amounts of coke, lignite, and wood.

Gas – Average cost per MCF (cents per thousand cubic feet) – includes natural, manufactured, mixed, and waste gas. Frequently expressed as cost per therm (100,000 BTU).

Nuclear – Nuclear fuel costs can be given on a fuel cycle basis. A fuel cycle consists of all the steps associated with procurement, use, and disposal of nuclear fuel. According for the cost of each step in the fuel cycle including interest charges, nuclear fuel costs can be given in cents per million BTU or mills per kilowatt-hour for the cycle lifetime of the fuel which is normally five to six years.

Oil – Average cost per barrel – 42 U.S. gallons (dollars per barrel) – includes fuel oil, crude and diesel oil, and small amounts of tar and gasoline.

Fuel Efficiency – See **Heat Rate**.

Fuel for Electric Generation – Includes all types of fuel (solid, liquid, gaseous, and nuclear) used exclusively for the production of electric energy. Fuel for other purposes, such as building heating or steam, sales is excluded.

Gas – A fuel burned under boilers by internal combustion engines and gas turbines for electric generation. Includes natural, manufactured, mixed, and waste gas. See **Gas – MCF** and also **Therm**.

Gas-Fuel Costs – See **Fuel Costs**.

Gas-MCF – 1,000 cubic feet of gas.

Generating Capability – See **Capability, Net Generating Station**.

Generating Station (Generating Plant or Power Plant) – A station with prime movers, electric generators, and auxiliary equipment for converting mechanical, chemical, and/or nuclear energy into electric energy.

Atomic – See **Nuclear**.

Gas Turbine – An electric generating station in which the prime mover is a gas turbine engine.

Geothermal – An electric generating station in which the prime mover is a steam turbine. The steam is generated in the earth by heat from the earth's magma.

Hydroelectric – An electric generation station in which the prime mover is a hydraulic turbine.

Internal Combustion – An electric generating station in which the prime mover is an internal combustion engine.

Nuclear – An electric generating station in which the prime mover is a steam turbine. The steam is generated in a reactor by heat from the fissioning of nuclear fuel.

Steam (Conventional) – An electric generating station in which the prime mover is a steam turbine. The steam is generated in a boiler by heat from burning fossil fuels.

Generating Station Capability – See **Capability, Net Generating Station**.

Generating Unit – An electric generator together with its prime mover.

Generation, Electric – This term refers to the act or process of transforming other forms of energy into electric energy, or to the amount of electric energy so produced, expressed in kilowatt-hours.

Gross – The total amount of electric energy produced by the generating units in a generating station or stations.

Net – Gross generation less kilowatt-hours consumed out of gross generation for station use.

Gigawatt-Hour (GWH) – One million kilowatt-hours, one thousand megawatt-hours, or one billion watt-hours.

Heat Rate – A measure of generating station thermal efficiency, generally expressed in BTU per net kilowatt-hour. The heat rate is computed by dividing the total BTU content of fuel burned for electric generation by the resulting net kilowatt-hour generation.

Interdepartmental Sales – Kilowatt-hour sales of electric energy to other departments (gas, steam, water, etc.) and the dollar value of such sales at tariff or other specified rates for the energy supplied.

Internal Combustion Engine – A prime mover in which energy released from rapid burning of a fuel-air mixture is converted into mechanical energy. Diesel, gasoline, and gas engines are the principal types in this category.

Investor-Owned Electric Utilities – Those electric utilities organized as tax-paying businesses usually financed by the sale of securities in the free market, and whose properties are managed by representatives regularly elected by their shareholders. Investor-owned electric utilities, which may be owned by an individual proprietor or a small group of people, are usually corporations owned by the general public.

Industrial – See **Commercial and Industrial**.

Kilowatt (KW) – 1,000 watts. See **Watt**.

Kilowatt-Hour (KWH) – The basic unit of electric energy equal to one kilowatt of power supplied to or taken from an electric circuit steadily for one hour.

Kilowatt-Hours per Capita – Net generation in the United States divided by the national population, or the corresponding ratio for any other area.

Large Light and Power – See **Commercial and Industrial**.

Load – The amount of electric power delivered or required at any specified point or points on a system. Load originates primarily at the power-consuming equipment of the customers. See **Demand**.

Average – See **Demand, Average**.

Base – The minimum load over a given period of time.

Connected – Connected load is the sum of the capacities or rating of the electric power-consuming apparatus connected to a supplying system, or any part of the system under consideration.

Peak – See **Demand, Maximum** and also **Demand, Instantaneous Peak**.

Load Factor – The ratio of the average load in kilowatts supplied during a designated period to the peak or maximum load in kilowatts occurring in that period. Load factor, in percent, also may be derived by multiplying the kilowatt-hours in the period by 100 and dividing the product of the maximum demand in kilowatts and the number of hours in the period.

Loss (Losses) – The general term applied to energy (kilowatt-hours) and power (kilowatts) lost in the operation of an electric system. Losses occur principally as energy transformations from kilowatt-hours to waste heat in electric conductors and apparatus.

Average – The total difference in energy input and output or power input and output (due to losses) averaged over a time interval and expressed either in physical quantities or as a percentage of total input.

Energy – The kilowatt-hours lost in the operation of an electric system.

Line – Kilowatt-hours and kilowatts lost in transmission and distribution lines under specified conditions.

Peak Percent – The difference between the power input and output, as a result of losses due to the transfer of power between two or more points on a system at the time of maximum load, divided by the power input.

System – The difference between the system net energy or power input and output, resulting from characteristic losses and unaccounted for between the sources of supply and the metering points of delivery on a system.

Margin of Reserve Capacity – See **Capability Margin**.

Maximum Demand – See **Demand, Maximum**.

Maximum Load – See **Demand, Maximum**.

Megawatt (MW) – 1,000 kilowatts. See **Watt**.

Megawatt-Hour (MWH) – 1,000 kilowatt-hours. See **Kilowatt-Hours**.

Municipally-Owned Electric System – An electric utility system owned and/or operated by a municipality engaged in serving residential, commercial, and/or industrial customers, usually, but not always, within the boundaries of the municipality.

Nameplate Rating – The full-load continuous rating of a generator, prime mover, or other electrical equipment under specified conditions as designated by the manufacturer. The nameplate rating is usually indicated on a nameplate attached to the individual machine or device. The nameplate rating of a steam electric turbine-generator set is the guaranteed continuous output in kilowatts or KVA (kilovolt-amperes – 1,000 volt-amperes) and power factor at generator terminals when the turbine is clean and operating under specified throttle steam pressure and temperature, specified reheat temperature, specified exhaust pressure, and with full extraction from all extraction openings.

Net Capability – See **Capability, Net Generating Station**.

Net Energy for Load – A term used in Federal Energy Regulatory Commission reports and comprising:

1. The net generation by the system's own plants, plus
2. Energy received from others (exclusive of receipts for borderline customers), less
3. Energy delivered for resale to those Class I and II systems which obtain a part of their power supply from sources other than the company's system.

Net Energy for System – A term used in Federal Energy Regulatory Commission reports and comprising:

1. The net generation by the system's own plants, plus
2. Energy received from others (exclusive of receipts for borderline customers), less
3. Energy delivered for resale to those Class I and II systems which obtain a part of their power supply from sources other than this company's system, plus
4. Energy received for borderline customers, less
5. Energy delivered for resale to all systems other than those specified in Item 3 preceding.

Net Generating Station Capability – See **Capability, Net Generating Station**.

Net Generation – See **Generation, Electric – Net**.

Net Plant Capability – See **Capability, Net Generating Station**.

Nuclear Energy – Energy produced in the form of heat during the fission process in a nuclear reactor. When released in sufficient and controlled quantity, this heat energy may be used to produce steam to drive a turbine-generator and thus be converted to electrical energy.

Nuclear (Atomic) Fuel – Material containing fissionable materials of such composition and enrichment that when placed in a nuclear reactor will support a self-sustaining fission chain reaction and produce heat in a controlled manner for process use.

Prime Mover – The engine, turbine, water wheel, or similar machine which drives an electric generator.

Public Street and Highway Lighting – A customer, sales, and revenue classification covering electric energy supplied and services rendered for lighting streets, highways, parks, and other public places, or for traffic or other signal service, for municipalities or other divisions or agencies of federal or state governments.

Publicly Owned Electric Utilities (Government-Owned Electric Utilities and Agencies) – When used in statistical tables to indicate class of ownership, this term includes municipally owned electric systems and federal and state public power projects. Cooperatives are not included in this grouping.

Reserve Capacity – See **Capacity**.

Residential – A customer, sales, or revenue classification covering electric energy supplied for residential (household) purposes. The classification of an individual customer's account where the use is both residential and commercial is based on principal use.

Rural – A rate classification covering electric energy supplied to rural and farm customers under distinct rural rates. See **Classes of Electric Service**.

Sales for Resale – A customer, sales, and revenue classification covering electric energy supplied (except under interchange agreements) to other electric utilities or to public authorities for resale or distribution. Includes sales for resale to cooperatives, municipalities, and federal and state electric agencies.

Service Area – Territory in which a utility system is required or has the right to supply electric service to ultimate customers.

Station Use (Generating) – The kilowatt-hours used at an electric generating station for such purposes as excitation and operation of auxiliary and other facilities essential to the operation of the station. Station use includes electric energy supplied from house generators, main generators, the transmission system, and any other sources. The quantity of energy used is the difference between the gross generation plus any supply from outside the station and the net output of the station.

Summer Peak – The greatest load on an electric system during any prescribed demand interval in the summer or cooling season, usually between June 1 and September 30.

System, Electric – The physically connected generation, transmission, distribution, and other facilities operated as an integral unit under one control, management, or operating supervision.

System Load – See **Demand**.

System Loss – See **Loss (Losses)**.

Therm – 100,000 BTUs. See **BTU (British Thermal Unit)**.

Thermal – A term used to identify a type of electric generating station, capacity or capability, or output in which the source of energy for the prime mover is heat.

Turbine (Steam or Gas) – An enclosed rotary type of prime mover in which heat energy in steam or gas is converted into mechanical energy by the force of a high velocity flow of steam or gases directed against successive rows of radial blades fastened to a central shaft.

Ultimate Customers – Those customers purchasing electricity for their own use and not for resale. See **Classes of Electric Service**.

Uses and Losses – “Uses” refers to the electricity used by the electric companies for their own purposes and “losses” refers to transmission losses.

Utility Rate Structure – A utility’s approved schedule of charges for billing utility service rendered to various classes of its customers.

Volt-Ampere – The basic unit of Apparent Power. The volt-amperes of an electric circuit are the mathematical product of the volts and amperes of the circuit.

Watt – The electrical unit of power or rate of doing work; also the rate of energy transfer equivalent to one ampere flowing under a pressure of one volt at unity power factor. A watt is analogous to horsepower or foot-pounds per minute of mechanical power. One horsepower is equivalent to approximately 746 watts.

Winter Peak – The greatest load on an electric system during any prescribed demand interval in the winter or heating season, usually between December 1 of a calendar year and March 31 of the next calendar year.

Sources: Edison Electric Institute
Florida Electric Power Coordinating Group, Inc.
Florida Office of Energy