Florida Public Service Commission

2010

STATISTICS OF THE

Florida Electric Utility Industry

Published September 2011

Statistics of the
Florida Electric Utility Industry

2010

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 compiled by the Florida Public Service Commission's Office of Public Information.
Please contact (850) 413-6482 with any questions.

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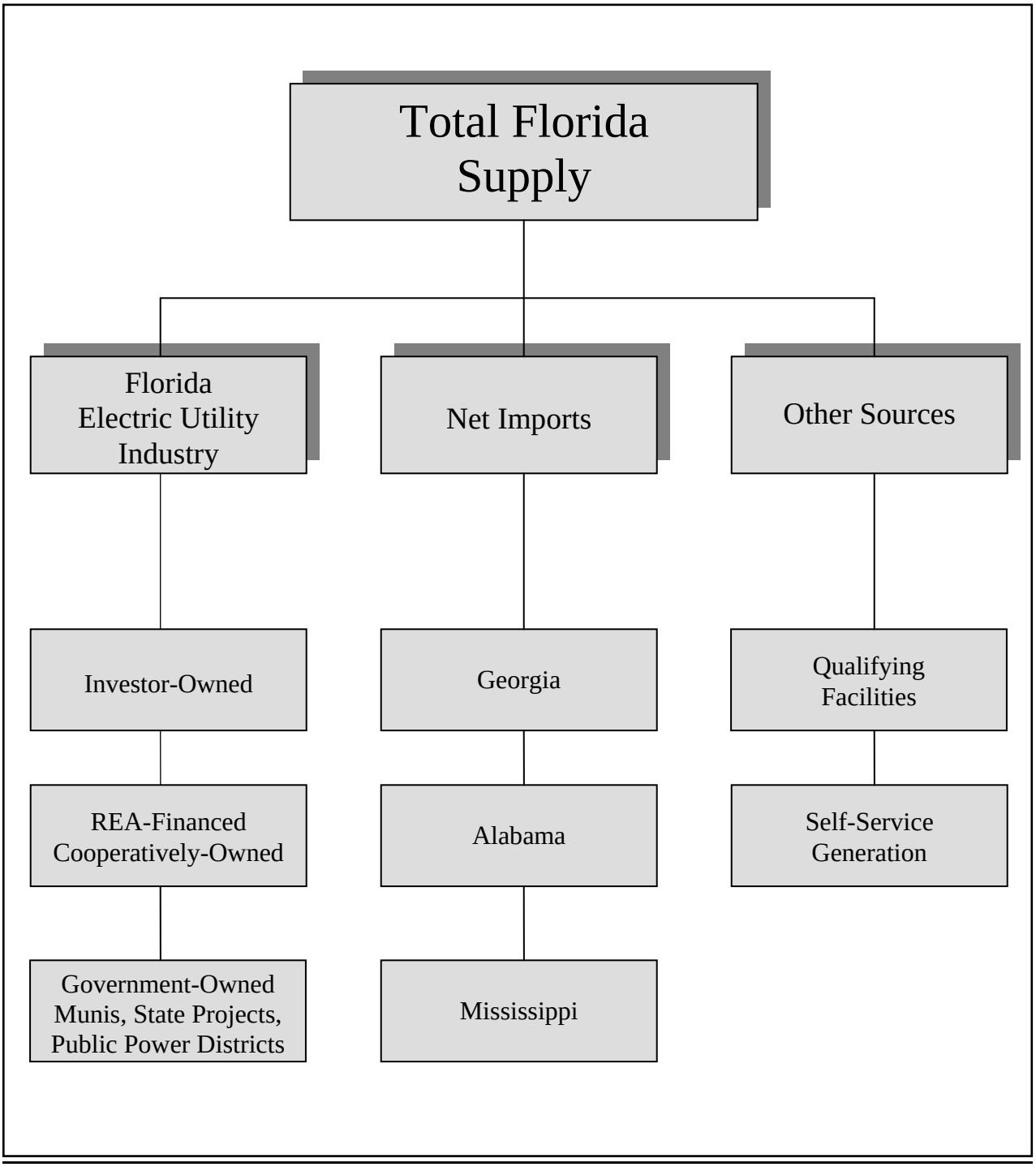

Figure 2

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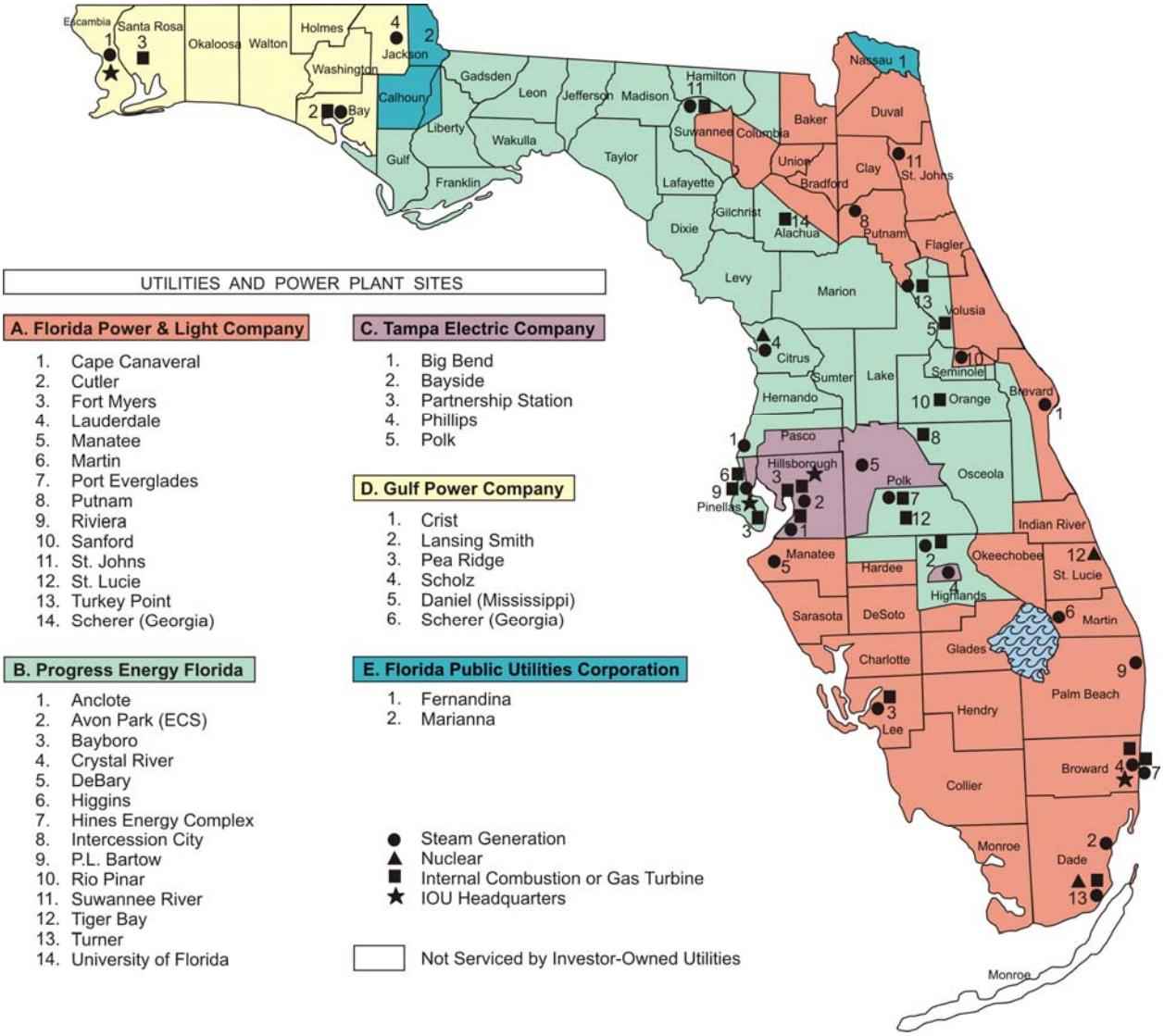
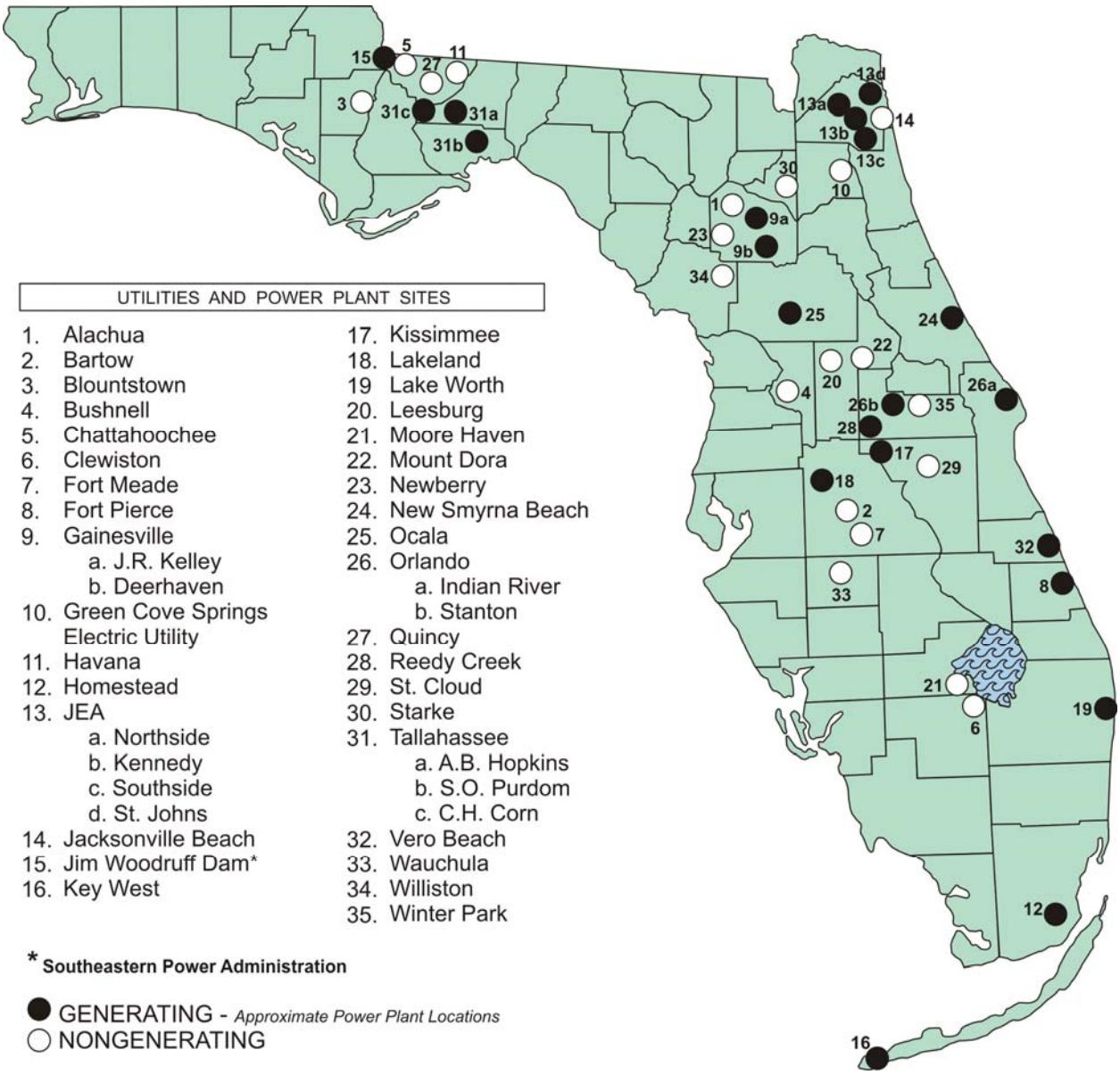


Service areas are approximations.
Information on this map should be used only as a general guideline.
For more detailed information, contact individual utilities.

Source:
Florida Public Service Commission

Figure 3

Municipal Electric Utilities



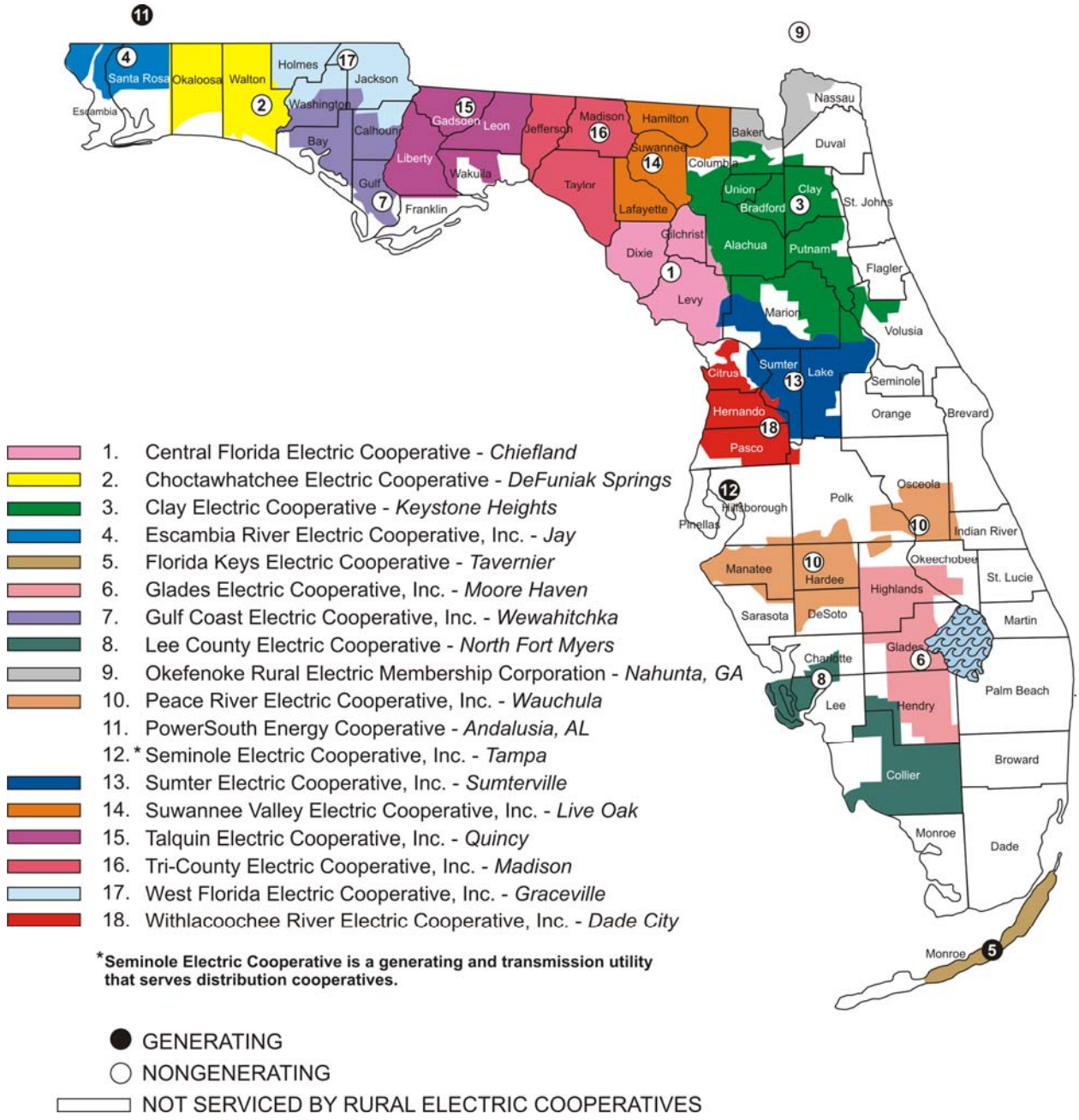
Information on this map should be used only as a general guideline.
For more detailed information, contact individual utilities.

Source:
Florida Public Service Commission

Figure 4

Approximate Company Service Areas

Rural Electric Cooperatives



Service areas are approximations.
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Source:
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Investor-Owned Systems

Florida Power & Light Company (FPL)
Florida Public Utilities Company (FPUC)
Gulf Power Company (GPC)
Progress Energy Florida, Inc. (PEF)
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)
Okefenoke 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

Counties Served by Generating Electric Utilities
2010

Utility	County
Investor-Owned Systems	
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
Progress 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
Tampa Electric Company	Hillsborough, Pasco, Pinellas, Polk
Municipal Systems	
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
Rural Electric Cooperatives	
Florida Keys Electric Cooperative	Monroe

Counties Served by Non-Generating Electric Utilities
2010

Utility	County
Municipal Systems	
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
Rural Electric Cooperatives	
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
2006-2010

	2006	Percent Change 2006-2007	2007	Percent Change 2007-2008	2008	Percent Change 2008-2009	2009	Percent Change 2009-2010	2010
I. Nameplate Capacity/Capability (MW)*									
A. By Prime Mover									
Conventional Steam	16,735	32.0	22,089	-1.7	21,719	-9.7	19,611	4.9	20,563
Internal Combustion and Gas Turbine	21,338	-22.8	16,481	0.1	16,499	-49.8	8,280	-10.0	7,454
Combined Cycle	7,946	-1.9	7,799	6.8	8,333	143.3	20,275	4.8	21,245
Hydroelectric	367	-82.9	63	0.0	63	-17.6	52	0.0	52
Steam - Nuclear	3,903	-0.2	3,896	0.9	3,931	1.5	3,991	-2.0	3,913
Other	0	0.0	0	0.0	0	0.0	0	0.0	0
B. By Type of Ownership									
Investor-Owned	37,817	1.0	38,203	0.0	38,218	4.1	39,788	0.9	40,161
Municipal and Cooperatives	12,471	-2.8	12,123	2	12,326	0.8	12,420	5.2	13,065
Total Nameplate Capacity/Capability	50,288	0.1	50,326	0.4	50,544	3.3	52,208	1.9	53,226
II. Interchange and Generation (GWH)									
A. By Prime Mover									
Conventional Steam	96,872	-0.9	96,011	0.0	89,412	-15.9	75,240	-0.2	75,106
Internal Combustion and Combustion Turbine	3,507	6.6	3,737	0.0	2,016	84.7	3,724	5.2	3,918
Combined Cycle	79,465	6.5	84,633	0.0	84,341	20.1	101,282	12.3	113,770
Hydroelectric	13	-30.8	9	0.0	22	27.3	28	-10.7	25
Steam - Nuclear	31,429	-6.5	29,399	0.0	32,122	-9.1	29,202	-17.1	24,215
B. By Fuel Type (GWH)									
Coal	70,859	1.9	72,189	-4.3	69,116	-16.2	57,901	5.9	61,323
Oil	16,164	1.9	16,473	-43.7	9,267	-32.2	6,283	-5.7	5,925
Natural Gas	92,821	3.1	95,719	1.7	97,386	19.2	116,062	8.2	125,546
Nuclear	31,429	-6.5	29,399	9.3	32,122	-9.1	29,202	-17.1	24,215
Hydroelectric	13	-30.8	9	144.4	22	27.3	28	-10.7	25
Total Generation	211,286	1.2	213,789	-2.7	207,913	0.8	209,476	3.6	217,034
Net Interchange, Non-Utility Generators, and Other	32,777	-0.2	32,703	0.9	32,997	-9.3	29,938	0.7	30,135
Total Net Interchange and Generation	244,063	1.0	246,492	-2.3	240,910	-0.6	239,414	3.2	247,169
III. Sales to Ultimate Consumers (GWH)									
A. By Class of Customer									
Residential	115,279	0.7	116,132	-3.2	112,431	0.8	113,341	4.9	118,870
Commercial	80,474	2.8	82,758	-0.7	82,205	-1.5	80,939	-1.0	80,128
Industrial	23,425	-1.4	23,107	-2.1	22,615	-8.0	20,811	-0.5	20,708
Other	6,013	3.3	6,209	0.1	6,214	0.1	6,221	0.0	6,224
B. By Type of Ownership									
Investor-Owned	174,951	0.9	176,561	-1.8	173,297	-1.0	171,539	2.3	175,426
Municipal and Cooperatives	50,240	2.8	51,645	-2.9	50,168	-0.8	49,773	1.5	50,504
Total Sales to Ultimate Customer	225,191	1.3	228,206	-2.1	223,465	-1.0	221,312	2.1	225,930
IV. Utility Use and Losses and Net Wh. Resale (GWH)	18,872	-3.1	18,286	-4.6	17,445	3.8	18,102	17.3	21,239

*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
2006-2010

	2006	Percent Change 2006-2007	2007	Percent Change 2007-2008	2008	Percent Change 2008-2009	2009	Percent Change 2009-2010	2010
V. Florida Population (Thousands)	18,090	0.9	18,251	0.4	18,328	1.1	18,538	0.8	18,678
VI. Consumption per Capita (KWH)									
A. Total Sales per Capita	12,448	0.4	12,504	-2.5	12,193	-2.1	11,938	1.3	12,096
B. Residential Sales per Capita	6,373	-0.2	6,363	-3.6	6,134	-0.3	6,114	4.1	6,364
VII. Net Generation per Capita (KWH)	13,492	0.1	13,506	-2.7	13,144	-1.7	12,915	2.5	13,233
VIII. Average Annual Residential Consumption per Customer (KWH)	14,184	-3.1	13,747	-2.5	13,402	2.1	13,678	4.7	14,322
IX. Number of Customers									
A. By Class of Service									
Residential	8,336,451	3.5	8,627,911	-6.0	8,112,295	1.1	8,198,739	0.4	8,233,064
Commercial	1,005,431	6.8	1,073,483	-7.3	995,354	1.1	1,006,430	0.5	1,011,451
Industrial	49,709	-1.3	49,041	-40.8	29,030	0.6	29,192	-4.9	27,752
Other	76,236	1.3	77,224	-2.5	75,258	-2.3	73,529	-0.1	73,440
Total	9,467,827	3.8	9,827,659	-6.3	9,211,937	1.0	9,307,891	0.4	9,345,707
X. Customer Revenues									
A. By Class of Service (in Thousands)									
Residential	$13,269,751	0.1	$13,277,193	-4.2	$12,718,094	9.1	$13,879,777	-5.4	$13,130,852
Commercial	7,528,590	0.9	7,597,120	1.9	7,741,767	5.7	8,186,033	-12.5	7,165,633
Industrial	2,366,497	-1.8	2,324,045	-10.1	2,089,924	11.1	2,322,558	-19.5	1,869,629
Other	770,472	4.8	807,329	-9.7	729,026	13.7	828,870	-6.6	774,006
Total	$23,935,310	0.3	$24,005,687	-3.0	$23,278,811	8.3	$25,217,238	-9.0	$22,940,120
B. By Class of Service (as a % of Total)									
Residential	55.4 %		55.3 %		54.6 %		55.0 %		57.2 %
Commercial	31.5		31.6		33.3		32.5		31.2
Industrial	9.9		9.7		9.0		9.2		8.2
Other	3.2		3.4		3.1		3.3		3.4
Total	100 %		100 %		100 %		100 %		100 %

Sources: EIA-826
Form PSC/SCR - 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
2006-2010

	2006	Change (%) 2006-2007	2007	Change (%) 2007-2008	2008	Change (%) 2008-2009	2009	Change (%) 2009-2010	2010
Average per Book Rate of Return									
Florida Power & Light Company	8.53 %	2.93	8.78 %	-12.76	7.66 %	-6.01	7.20 %	3.33	7.44 %
Gulf Power Company	7.54	1.72	7.67	-3.39	7.41	-6.75	6.91	-1.74	6.79
Progress Energy Florida	8.99	-10.90	8.01	-3.25	7.75	-7.23	7.19	7.09	7.70
Tampa Electric Company	7.51	4.39	7.84	-9.82	7.07	-0.14	7.06	11.90	7.90
Average Adjusted Rate of Return									
Florida Power & Light Company	7.66 %	1.17	7.75 %	-9.68	7.00 %	-6.57	6.54 %	5.35	6.89 %
Gulf Power Company	7.63	0.66	7.68	0.39	7.71	-13.36	6.68	-10.78	5.96
Progress Energy Florida	8.53	0.00	8.53	-9.73	7.70	-5.19	7.30	10.14	8.04
Tampa Electric Company	7.42	4.45	7.75	-10.06	6.97	2.01	7.11	13.78	8.09
Required Rate of Return*									
Florida Power & Light Company	7.54 %	1.72	7.67 %	-3.13	7.43 %	-1.75	7.30 %	-12.05	6.42 %
Gulf Power Company	7.36	20.38	8.86	-14.33	7.59	-6.59	7.09	-2.26	6.93
Progress Energy Florida	8.98	0.00	8.98	-2.90	8.72	-1.83	8.56	-10.16	7.69
Tampa Electric Company	7.89	0.13	7.90	5.44	8.33	-3.72	8.02	-2.00	7.86
Adjusted Jurisdictional Year-End Rate Base (Millions)									
Florida Power & Light Company	$13,514	6.68	$14,417	4.11	$15,009	11.72	$16,768	1.24	$16,976
Gulf Power Company	1,292	1.93	1,317	2.35	1,348	4.38	1,407	6.75	1,502
Progress Energy Florida	4,373	12.83	4,934	5.01	5,181	21.77	6,309	5.23	6,639
Tampa Electric Company	3,034	5.11	3,189	4.52	3,333	8.49	3,616	1.94	3,686

*Average Capital Structure - Midpoint
Source: December Earnings Surveillance Reports, Schedule 1

Table 3
Sources of Revenue
Investor-Owned Electric Utilities
(Percentage of Total Sales)
2006-2010

	2006	Change (%) 2007-2008	2007	Change (%) 2007-2008	2008	Change (%) 2008-2009	2009	Change (%) 2009-2010	2010
Florida Power & Light Company									
Residential	54.88 %	-0.01	54.87 %	-1.16	54.24 %	1.77	55.20 %	3.13	56.93 %
Commercial	39.63	0.68	39.90	2.31	40.82	-0.87	40.46	-4.98	38.45
Industrial	3.03	-7.42	2.80	-3.30	2.71	-9.03	2.46	-12.75	2.15
Other	0.75	3.88	0.78	0.68	0.78	-2.25	0.77	8.83	0.83
Resale	1.72	-4.01	1.65	-12.09	1.45	-23.69	1.11	48.42	1.64
Total Sales (Millions)	$11,832.15	-3.20	$11,453.76	0.07	$11,462.11	1.84	$11,672.73	-14.54	$9,976.05
Gulf Power Company									
Residential	43.40 %	1.68	44.13 %	-2.42	43.06 %	7.69	46.38 %	-2.70	45.12 %
Commercial	25.72	5.49	27.14	0.32	27.22	10.26	30.01	-6.76	27.98
Industrial	11.02	1.38	11.18	8.18	12.09	-7.29	11.21	-10.67	10.01
Other	1.74	-1.01	1.73	34.94	2.33	26.38	2.95	-6.15	2.76
Resale	18.11	-12.57	15.83	-3.40	15.29	-38.18	9.45	49.29	14.11
Total Sales (Millions)	$1,133.47	9.62	$1,242.48	5.21	$1,307.20	5.49	$1,378.93	12.67	$1,553.70
Progress Energy Florida									
Residential	56.85 %	0.63	57.21 %	-0.48	56.94 %	0.71	57.34 %	4.14	59.72 %
Commercial	27.89	0.61	28.06	1.17	28.39	0.25	28.46	-5.11	27.01
Industrial	7.98	-8.10	7.34	-0.34	7.31	-8.43	6.70	-8.28	6.14
Other	7.27	1.67	7.39	-0.40	7.36	1.87	7.50	-4.88	7.13
Resale	7.79	36.33	10.62	30.39	13.85	-35.76	8.89	-15.31	7.53
Total Sales (Millions)	$4,122.55	-0.47	$4,103.16	-3.41	$3,963.35	16.35	$4,611.20	0.36	$4,627.70
Tampa Electric Company									
Residential	48.62 %	-0.92	48.18 %	-0.79	47.79 %	2.41	48.95 %	3.56	50.69 %
Commercial	30.61	1.04	30.93	0.56	31.11	0.17	31.16	-4.10	29.88
Industrial	8.87	2.04	9.05	-4.59	8.63	0.66	8.69	-0.36	8.66
Other	8.24	2.43	8.44	7.12	9.04	2.16	9.24	-4.34	8.84
Resale	3.65	-6.88	3.40	0.69	3.43	-42.57	1.97	-1.63	1.94
Total Sales (Millions)	$1,967.62	7.39	$2,112.99	-2.79	$2,054.09	7.66	$2,211.48	-2.85	$2,148.52

Source: Form PSC/SCR - 4
FERC Form 1

Table 4
Uses of Revenue
Investor-Owned Electric Utilities
(Percentage of Total Operating Revenue)
2006-2010

	2006	Change (%) 2006-2007	2007	Change (%) 2007-2008	2008	Change (%) 2008-2009	2009	Change (%) 2009-2010	2010
Florida Power & Light Company									
Fuel	42.21 %	15.91	48.92 %	-0.38	48.74 %	-12.88	42.46 %	-7.28	39.37 %
Other Operation and Maintenance	30.32	-27.74	21.91	-1.86	21.50	14.75	24.67	-4.96	23.45
Depreciation and Amortization	5.70	5.93	6.04	6.10	6.41	35.38	8.68	2.13	8.86
Taxes Other Than Income Taxes	8.80	1.20	8.91	3.62	9.23	3.50	9.55	2.75	9.81
Income Taxes	4.20	11.61	4.69	-0.72	4.66	8.02	5.03	27.23	6.40
Interest	2.26	12.69	2.55	10.63	2.82	-2.09	2.76	24.71	3.44
Utility Net Operating Income Less Interest	6.51	7.35	6.98	-4.81	6.65	3.01	6.85	26.50	8.66
Total Operating Revenue (Millions)	$11,987.39	-3.06	$11,620.01	0.23	$11,646.79	-1.37	$11,487.76	-8.75	$10,482.02
Gulf Power Company									
Fuel	44.08 %	1.35	44.67 %	1.46	45.32 %	-6.11	42.55 %	7.95	45.94 %
Other Operation and Maintenance	28.05	-0.22	27.99	1.43	28.39	0.53	28.54	-14.12	24.51
Depreciation and Amortization	7.57	-8.58	6.92	-10.03	6.22	16.56	7.25	6.19	7.70
Taxes Other Than Income Taxes	6.63	-0.62	6.59	-4.53	6.29	15.38	7.26	-11.80	6.40
Income Taxes	3.57	2.53	3.66	9.95	4.02	3.77	4.17	7.88	4.50
Interest	3.67	-3.25	3.55	-12.40	3.11	-5.19	2.95	10.80	3.26
Utility Net Operating Income Less Interest	6.45	2.90	6.64	0.21	6.65	9.52	7.28	5.57	7.69
Total Operating Revenue (Millions)	$1,204.03	4.64	$1,259.93	10.12	$1,387.37	-6.12	$1,302.43	22.11	$1,590.37
Progress Energy Florida									
Fuel	31.69 %	14.07	36.15 %	16.40	42.08 %	-13.10	36.56 %	3.16	37.72 %
Other Operation and Maintenance	31.58	15.62	36.51	0.21	36.58	-19.12	29.59	13.17	33.49
Depreciation and Amortization	15.72	-48.55	8.09	-98.77	0.10	11,611.86	11.65	-72.52	3.20
Taxes Other Than Income Taxes	6.78	-2.87	6.58	-0.68	6.54	1.10	6.61	4.16	6.89
Income Taxes	4.49	-25.94	3.33	24.28	4.13	4.49	4.32	33.00	5.75
Interest	3.30	9.74	3.62	21.49	4.40	-0.02	4.40	11.46	4.90
Utility Net Operating Income Less Interest	6.44	-11.14	5.72	7.76	6.17	11.40	6.87	17.31	8.06
Total Operating Revenue (Millions)	$4,559.91	2.91	$4,692.52	0.82	$4,730.89	10.99	$5,250.62	0.06	$5,253.98
Tampa Electric Company									
Fuel	40.85 %	-2.39	39.87 %	10.65	44.12 %	-16.14	37.00 %	-5.83	34.84 %
Other Operation and Maintenance	27.58	2.70	28.32	9.11	30.90	-18.05	25.32	2.63	25.99
Depreciation and Amortization	11.75	19.68	14.07	-73.04	3.79	302.50	15.26	-19.59	12.27
Taxes Other Than Income Taxes	6.89	-5.22	6.53	-0.21	6.51	-1.10	6.44	2.07	6.57
Income Taxes	1.60	-124.36	-0.39	-934.25	3.25	31.48	4.27	28.30	5.48
Interest	5.36	-2.63	5.22	4.87	5.47	-6.35	5.12	8.33	5.55
Utility Net Operating Income Less Interest	5.98	6.83	6.39	-6.74	5.95	10.44	6.58	41.27	9.29
Total Operating Revenue (Millions)	$2,005.35	7.25	$2,150.65	-2.55	$2,095.84	8.21	$2,267.93	-2.55	$2,210.06

Source: FERC Form 1

Table 5
Proprietary Capital and Long-Term Debt
Investor-Owned Electric Utilities
2010

	Florida Power & Light Company	Gulf Power Company	Progress Energy Florida	Tampa Electric Company
Proprietary Capital (Thousands)				
Common Stock	$1,373,069	$303,060	$354,405	$119,697
Preferred Stock	0	100,000	33,497	0
Retained Earnings	3,364,108	236,328	3,143,814	199,927
Other Paid-In Capital	5,057,000	538,375	1,395,968	1,567,840
Other Adjustments	-3,742	-4,729	-3,958	-4,008
Total Proprietary Capital	$9,790,435	$1,173,034	$4,923,726	$1,883,456
Long-Term Debt (Thousands)				
Bonds	$6,704,228	$0	$4,340,865	$1,843,835
Other Long-Term Debt and/or Adjustments	-34,022	1,224,398	140,940	-717
Total Long-Term Debt	$6,670,206	$1,224,398	$4,481,805	$1,843,118
Total Proprietary Capital and Long-Term Deb	$16,460,641	$2,397,432	$9,405,531	$3,726,574
Proprietary Capital				
Common Stock	8.3 %	12.6 %	3.8 %	3.2 %
Preferred Stock	0.0	4.2	0.4	0.0
Retained Earnings	20.4	9.9	33.4	5.4
Other Paid-In Capital	30.7	22.5	14.8	42.1
Other Adjustments	0.0	-0.2	0.0	-0.1
Total Proprietary Capital	59.5 %	48.9 %	52.3 %	50.5 %
Long-Term Debt				
Bonds	40.7 %	0.0 %	46.2 %	49.5 %
Other Long-Term Debt and/or Adjustments	-0.2	51.1	1.5	0.0
Total Long-Term Debt	40.5 %	51.1 %	47.7 %	49.5 %
Total Proprietary Capital and Long-Term Deb	100.0 %	100.0 %	100.0 %	100.0 %

Source: FERC Form 1

Table 6
Financial Integrity Indicators
Investor-Owned Electric Utilities
2006-2010

	2006	Change (%) 2006-2007	2007	Change (%) 2007-2008	2008	Change (%) 2008-2009	2009	Change (%) 2009-2010	2010
Times Interest Earned with AFUDC									
Florida Power & Light Company	5.35 %	-3.55	5.16 %	-11.63	4.56 %	6.36	4.85 %	4.74	5.08 %
Gulf Power Company	3.81	3.67	3.95	10.63	4.37	4.35	4.56	1.75	4.64
Progress Energy Florida	5.62	-20.64	4.46	-22.42	3.46	4.34	3.61	2.22	3.69
Tampa Electric Company	2.99	2.68	3.07	-6.84	2.86	9.79	3.14	17.20	3.68
Times Interest Earned without AFUDC									
Florida Power & Light Company	5.25 %	-4.00	5.04 %	-12.70	4.40 %	5.23	4.63 %	6.70	4.94 %
Gulf Power Company	3.80	2.11	3.88	4.90	4.07	-4.91	3.87	14.99	4.45
Progress Energy Florida	5.48	-24.09	4.16	-29.57	2.93	7.51	3.15	12.38	3.54
Tampa Electric Company	2.96	1.69	3.01	-7.64	2.78	8.99	3.03	20.46	3.65
AFUDC as a Percentage of Net Income Interest Coverage Ratio									
Florida Power & Light Company	3.49 %	6.30	3.71 %	57.68	5.85 %	35.73	7.94 %	-40.81	4.70 %
Gulf Power Company	0.61	488.52	3.59	251.53	12.62	111.09	26.64	-72.26	7.39
Progress Energy Florida	6.70	151.34	16.84	90.56	32.09	-19.98	25.68	-63.94	9.26
Tampa Electric Company	2.49	47.79	3.68	55.16	5.71	38.35	7.90	-84.68	1.21
Percent Internally Generated Funds									
Florida Power & Light Company	159.45 %	-73.01	43.03 %	85.20	79.69 %	25.89	100.32 %	-34.76	65.45 %
Gulf Power Company	31.89	83.79	58.61	-60.09	23.39	-47.80	12.21	345.37	54.38
Progress Energy Florida	116.07	-55.38	51.79	-77.51	11.65	536.39	74.14	56.82	116.27
Tampa Electric Company	68.80	13.04	77.77	-53.81	35.92	143.46	87.45	61.54	141.27

Source: December Earnings Surveillance Reports, Schedule 5

Net Generation

Table 7
Net Generation by Type of Ownership*
1996-2010

Year	Total for State (GWH)	Investor-Owned		Others**	
		Quantity (GWH)	Percent of Total	Quantity (GWH)	Percent of Total
1996	157,946	120,267	76.1	37,679	23.9
1997	161,961	122,264	75.5	39,697	24.5
1998	181,147	139,909	77.2	41,238	22.8
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	-

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/ECR - 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*
1996-2010

Year	Coal		Oil		Natural Gas		Nuclear		Hydro		Subtotal	Other Sources		Total
	GWH	Percent	GWH	Percent	GWH	Percent	GWH	Percent	GWH	Percent		NUG	Other**	
1996	70,008	44.3	33,060	20.9	30,496	19.3	24,333	15.4	49	0.0	157,946			
1997	74,219	45.8	32,561	20.1	33,123	20.5	22,000	13.6	58	0.0	161,961			
1998	73,184	40.4	46,430	25.6	31,319	17.3	30,168	16.7	46	0.0	181,147			
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

*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)
2010-2020

Year	Net Energy for Load	Interchange & Other*	Nuclear	Coal	Oil	Natural Gas	Hydro	NUG**
2010 ***	247,169	27,164	24,215	61,323	5,925	125,546	25	2,971
2011	239,405	16,753	26,971	60,802	2,419	129,797	23	2,640
2012	243,714	18,171	28,466	60,344	1,408	132,643	23	2,659
2013	249,040	16,881	34,107	63,817	1,132	130,669	23	2,411
2014	253,814	15,412	36,969	64,760	1,038	134,026	23	1,586
2015	257,869	15,742	36,053	65,509	1,223	137,736	23	1,583
2016	261,694	14,167	36,692	64,819	1,508	142,895	21	1,592
2017	265,317	14,173	36,127	67,580	1,700	144,128	23	1,586
2018	268,756	13,921	36,569	67,105	1,675	147,874	23	1,589
2019	272,662	12,919	35,734	69,695	2,122	150,582	23	1,587
2020	277,337	13,400	37,063	69,529	1,848	153,877	23	1,597

*Includes "Renewables".
**Non-utility generators.
***Figures are actual.

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

Table 10
Interchange and Generation by Fuel Type
(Percentage of Gigawatt-Hours)
2010-2020

Year	Net Energy for Load	Interchange & Other*	Nuclear	Coal	Oil	Natural Gas	Hydro	NUG**
2010 ***	100.0%	7.9%	12.6%	28.6%	1.1%	48.8%	0.0%	1.1%
2011	100.0%	8.1%	13.7%	27.6%	0.9%	48.6%	0.0%	1.1%
2012	100.0%	7.5%	14.7%	28.5%	0.6%	47.7%	0.0%	1.0%
2013	100.0%	7.3%	14.9%	27.5%	0.4%	49.3%	0.0%	0.6%
2014	100.0%	7.9%	14.2%	27.7%	0.5%	49.1%	0.0%	0.6%
2015	100.0%	6.1%	14.3%	27.4%	0.7%	50.9%	0.0%	0.6%
2016	100.0%	6.2%	13.9%	27.5%	0.8%	51.1%	0.0%	0.6%
2017	100.0%	6.4%	13.8%	26.7%	0.8%	51.9%	0.0%	0.6%
2018	100.0%	5.7%	15.2%	26.5%	0.8%	51.4%	0.0%	0.5%
2019	100.0%	5.7%	15.2%	26.5%	0.8%	51.4%	0.0%	0.5%
2020	100.0%	4.8%	13.4%	25.1%	0.7%	55.5%	0.0%	0.6%

*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)
1996-2010

Year	Hydro-Electric	Conventional Steam	Nuclear Steam	Combustion Turbine	Internal Combustion	Combined Cycle	Other	Total*
1996	21	25,950	4,110	6,076	267	3,910		40,334
1997	21	28,848	4,110	6,221	229	3,181		42,610
1998	21	28,885	4,110	6,234	259	2,854		42,363
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

* 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)
1996-2010

Year	Total for State	Investor-Owned		Municipals, Rural Electric Cooperatives, and Other	
		Quantity	Percent of Total	Quantity	Percent of Total
1996	40,334	30,337	75.22	9,996	24.78
1997	42,610	33,034	77.53	9,576	22.47
1998	42,363	32,094	75.76	10,270	24.24
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

*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)*
2006-2010

Utility	2010		2009		2008		2007		2006	
	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	22,841	21,766	25,843	24,506	23,357	22,095	23,492	22,137	22,279	20,983
Gulf Power Company*	2,725	2,686	2,742	2,703	2,018	1,979	2,144	1,887	2,024	1,986
Progress Energy Florida	11,006	9,786	10,931	9,774	10,274	9,289	10,285	9,150	9,778	8,710
Tampa Electric Company	4,684	4,292	4,719	4,332	4,438	4,061	4,604	4,202	4,326	4,012
Florida Keys Electric Co-op	19	19	19	19	21	21	21	21	21	21
Florida Municipal Power Agency	1,030	981	1,013	970	1,030	977	712	681	712	681
Fort Pierce	0	0	0	0	0	0	119	119	119	119
Gainesville Regional Utilities	628	608	628	608	632	612	632	611	632	611
Homestead	42	42	42	42	53	53	53	53	53	53
JEA	3,750	3,470	3,750	3,470	3,622	3,371	3,628	3,377	3,628	3,377
Key West	37	37	37	37	43	43	43	43	44	44
Kissimmee	303	287	303	287	316	294	316	294	316	294
Lake Worth	90	86	90	86	90	86	98	93	102	94
Lakeland	975	913	961	908	953	905	927	897	981	905
Ocala	11	11	11	11	11	11	11	11	11	11
New Smyrna Beach	71	67	71	67	71	67	71	67	70	66
Orlando	1,569	1,497	1,257	1,199	1,257	1,199	1,257	1,199	1,257	1,199
Reedy Creek	60	60	61	60	61	60	61	60	61	60
Seminole	2,165	2,077	2,191	2,085	2,185	2,079	2,227	2,089	2,158	2,089
St. Cloud	0	0	0	0	0	0	21	21	0	0
Starke City of**	0	0	0	0	0	0	0	0	0	0
Tallahassee	870	794	870	794	890	812	795	744	795	744
USCE-Mobile District	44	44	44	44	44	44	44	44	44	44
Vero Beach	144	138	144	138	144	138	155	150	155	150
Powersouth Energy Co-op*	2,064	1,896	1,616	1,556	0	0	0	0	0	0
Total Utility	55,128	51,557	57,343	53,696	51,510	48,196	51,716	47,950	49,566	46,253
Total Nonutility	5,144	4,774	5,090	4,725	6,044	5,816	5,546	5,413	5,297	4,948
Total State of Florida	**60,272**	**56,331**	**62,433**	**58,421**	**57,554**	**54,012**	**57,262**	**53,363**	**54,863**	**51,201**

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

**Reported as part of Orlando.

Source: Regional Load and Resource Plan, FRCC

Table 14
Summer Net Capability (MW) by Prime Mover by Utility*
2010

Company Name	Hydro-Electric	Conventional Steam	Nuclear Steam	Combustion Turbine	Internal Combustion	Combined Cycle**	Other	Utility Total
Florida Power & Light Company	0	7,059	2,939	1,908	0	11,466	0	23,372
Gulf Power Company	0	2,083	0	44	3	556	0	2,686
Progress Energy Florida	0	3,433	789	2,339	0	3,250	0	9,811
Tampa Electric Company	0	1,552	0	884	6	1,850	0	4,292
Florida Keys Electric Co-op	0	0	0	0	19	0	0	19
Florida Municipal Power Agency	0	244	74	174	0	489	0	981
Fort Pierce	0	0	0	0	0	0	0	0
Gainesville Regional Utilities	0	328	12	156	0	112	0	608
Homestead	0	0	0	0	42	0	0	42
JEA	0	2,306	0	662	1	501	0	3,470
Key West	0	0	0	20	17	0	0	37
Kissimmee	0	21	6	25	0	235	0	287
Lakeland	0	396	0	35	55	427	0	913
Lake Worth	0	61	0	26	9	29	0	125
New Smyrna Beach	0	0	5	44	18	0	0	67
Ocala	0	0	11	0	0	0	0	11
Orlando	0	882	64	207	0	344	0	1,497
Reedy Creek	0	0	0	0	5	55	0	60
Seminole	0	1,310	13	270	0	484	0	2,077
St. Cloud	0	0	0	0	0	0	0	0
Tallahassee	0	124	0	148	0	522	0	794
US Corps of Engineers	44	0	0	0	0	0	0	44
Vero Beach	0	94	0	0	0	44	0	138
Powersouth Energy Co-op	8	670	0	337	0	881	0	1,896
Total State of Florida Utility	52	20,563	3,913	7,278	175	21,245	0	53,226
Total Nonutility Generators***								4,774
Total State of Florida								**58,000**

*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

Source: Regional Load and Resource Plan, FRCC

Table 15
Nuclear Generating Units
2010

Utility	Location	Commercial In-Service Month/Year	Maximum Nameplate KW	Net Capability Summer MW	Net Capability Winter MW
Florida Power & Light Company					
Turkey Point #3	Dade County	Dec 1972	760,000	693	717
Turkey Point #4	Dade County	Sep 1973	759,900	693	717
St. Lucie #1	St. Lucie County	May 1976	850,000	839	853
St. Lucie #2	St. Lucie County	Jun 1983	892,000	714*	726*
Progress Energy Florida					
Crystal River #3	Citrus County	Mar 1977	898,000	789**	805**

*14.9% of plant capability is owned by the Orlando Utilities Commission and the Florida Municipal Power Agency; figures represent FPL's share.
**8.2% of plant capability is co-owned by various municipalities and REAs, # represents Progress' share.

Source: Regional Load and Resource Plan, FRCC
Company Ten-Year Site Plans

Table 16
Monthly Peak Demand
(Megawatts)
2010

Utilities	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Yearly Peak
Investor-Owned Systems													
Florida Power & Light Company	24,346	16,488	17,748	15,480	19,217	21,901	21,633	22,256	20,738	19,099	17,127	21,126	24,346
Florida Public Utilities Company	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
Gulf Power Company	2,553	2,144	1,934	1,488	2,219	2,419	2,525	2,458	2,300	1,881	1,574	2,314	2,553
Progress Energy Florida	11,649	8,750	8,280	6,187	8,589	9,521	9,606	9,473	8,849	7,756	6,182	10,386	11,649
Tampa Electric Company	4,512	3,447	3,305	2,909	3,649	3,917	3,912	3,908	3,702	3,366	2,869	4,037	4,512
Generating Municipal Systems													
Fort Pierce	124	92	95	75	93	109	107	107	103	93	93	114	124
Gainesville	464	373	327	298	395	470	457	442	430	349	270	395	470
Homestead	83	63	62	67	80	85	86	87	82	77	69	71	87
JEA	3,224	2,667	2,335	1,903	2,368	2,817	2,749	2,731	2,595	2,199	1,785	3,053	3,224
Key West	128	97	104	112	129	137	135	138	127	121	113	106	138
Kissimmee	315	240	229	202	271	309	309	309	291	262	216	296	315
Lake Worth	93	58	64	61	78	88	87	88	84	73	67	81	93
Lakeland	871	630	629	459	601	671	666	639	634	655	476	758	871
New Smyrna Beach	109	90	78	57	73	87	91	86	84	67	53	97	109
Orlando	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
Reedy Creek	150	149	150	167	178	193	196	191	181	176	161	144	196
Starke	19	14	13	11	14	16	16	16	15	13	11	16	19
Tallahassee	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
Vero Beach	198	149	150	110	136	153	155	156	145	138	155	181	198
Non-Generating Municipal Systems													
Alachua	30	25	23	18	23	28	27	27	25	21	19	27	30
Bartow	84	63	62	43	56	62	63	62	58	51	43	73	84
Blountstown	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
Bushnell	8	6	6	4	5	6	6	6	6	5	4	7	8
Chattahoochee	6	8	8	9	8	9	11	9	13	8	8	7	13
Clewiston	23	15	25	16	21	20	21	23	21	18	17	14	25
Fort Meade	16	10	10	7	9	10	10	10	9	8	6	12	16
Green Cove Springs	34	27	25	18	24	27	27	27	25	21	18	30	34
Havana	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR

NR = Not reported
Source: Form PSC/SCR - 1, 3

Table 16 (continued)
Monthly Peak Demand
(Megawatts)
2010

Utilities	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Yearly Peak
Non-Generating Municipal Systems													
Jacksonville Beach	223	171	143	105	148	168	173	164	159	126	105	209	223
Leesburg	111	91	80	75	98	107	108	110	104	91	70	107	111
Moore Haven	4	4	2	3	3	3	4	3	3	3	4	4	4
Mount Dora	25	19	17	14	20	23	22	23	21	18	14	23	25
Newberry	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
Ocala	320	255	229	189	250	289	281	282	256	226	177	277	320
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	30	25	23	18	23	28	27	27	25	21	19	27	30
Central Florida	167	129	111	74	97	115	111	110	106	83	89	138	167
Choctawhatchee	225	174	166	71	157	180	184	188	167	119	118	196	225
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	57	46	40	24	36	40	43	43	40	33	33	49	57
Florida Keys	142	107	102	103	126	133	129	132	124	103	97	118	142
Glades	101	65	70	48	58	60	59	63	57	50	38	94	101
Gulf Coast	112	84	82	39	72	76	72	71	69	54	65	98	112
Lee County	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
Peace River	174	131	125	91	122	127	133	132	127	116	71	156	174
Seminole	5,047	3,746	3,478	2,444	3,257	3,416	3,548	3,448	3,428	2,921	2,334	4,315	5,047
Sumter	831	643	586	445	587	640	664	655	641	540	390	760	831
Suwannee Valley	132	103	91	73	88	107	102	106	103	72	89	117	132
Talquin	319	274	231	151	207	227	240	231	224	164	196	282	319
Tri-County	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
West Florida	154	118	111	52	94	107	114	110	107	79	96	130	154
Withlacoochee River	1,355	1,027	960	579	800	871	889	867	816	710	541	1,186	1,355
Okefenoke	26	21	18	12	17	19	19	19	18	14	15	23	26

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

Table 17
Annual Peak Demand
Selected Utilities
(Megawatts)
1996-2010

Utility Company	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Florida Power & Light Company	18,096	16,613	17,897	17,615	17,808	18,754	19,219	20,190	20,545	22,361	21,819	21,962	21,060	22,351	24,346
Gulf Power Company	2144	2,040	2,154	2,169	2,281	2,223	2,454	2,500	2,431	2,435	2,483	2,634	2,541	2,426	2,553
Progress Energy Florida	8,807	8,066	8,004	8,318	8,548	8,922	9,045	10,131	9,125	10,226	10,094	10,355	10,153	11,319	11,649
Tampa Electric Company	3,351	3,118	3,266	3,372	3,504	3,782	3,634	3,881	3,737	3,968	4,010	4,123	3,952	4,080	4,512
Fort Pierce	126	118	116	121	119	120	130	132	124	131	120	124	NR	115	124
Gainesville	365	373	396	419	425	409	409	417	432	465	464	481	NR	465	470
JEA	2,401	2,130	2,338	2,427	2,614	2,665	2,607	3,055	2,657	2,860	2,919	2,897	2,914	3,064	3,224
Lake Worth	82	74	82	NR	85	88	86	90	93	0	93	94	91	92	93
Lakeland	610	552	535	649	610	655	659	694	580	648	680	648	723	745	871
Orlando	885	846	907	NR	1,058	962	986	1,019	1,203	1,141	1,271	1,719	1,157	1,176	NR
Tallahassee	533	486	530	NR	569	521	580	590	565	598	577	621	NR	NR	NR
Vero Beach	174	155	146	151	175	176	178	203	169	174	172	162	168	74	198

NR = Not reported
Sources: Form FPSC/SCR - 1,3

Table 18
Projected Summer and Winter Peak Demand*
2011-2020

Year	Summer Peak (MW)	Year	Winter Peak (MW)
2011	45,885	2011-2012	47,011
2012	46,385	2012-2013	47,600
2013	47,091	2013-2014	48,261
2014	47,861	2014-2015	48,827
2015	48,858	2015-2016	49,428
2016	49,602	2016-2017	50,073
2017	50,372	2017-2018	50,650
2018	50,893	2018-2019	51,321
2019	51,701	2019-2020	52,037
2020	52,593	2019-2020	52,686

*Net Firm Peak Demand
Source: Regional Load and Resource Plan, State Supplement, FRCC

Table 19
Load Factors by Generating Utilities
2010

Generating Utilities	Net Energy for Load (Gigawatt-Hours)	Peak Load (Megawatts)	Load Factor (Percentage)
Florida Power & Light Company	114,475	24,346	53.7
Gulf Power Company	12,480	2,553	55.8
Progress Energy Florida	45,989	11,649	45.1
Tampa Electric Company	20,484	4,512	51.8
Florida Keys Electric	684	142	54.8
Fort Pierce	568	124	52.3
Gainesville	2,141	470	52.0
Homestead	436	87	57.4
JEA	13,846	3,224	49.0
Key West	429	138	35.5
Kissimmee	1,435	315	52.0
Lake Worth	429	93	52.7
Lakeland	261	871	3.4
New Smyrna Beach	420	109	44.0
Orlando	NR	NR	NR
Reedy Creek	1,287	196	74.9
Seminole Electric	0	5,047	0.0
Starke	79	19	48.3
Tallahassee	NR	NR	NR
Vero Beach	784	198	45.2

NR=Not Reported
Source: Form FPSC/SCR - 1,3 and Table 16

Fuel Analysis

Table 20
Fuel Requirements
1996-2010

Year	Coal (Thousands of Short Tons)	Oil* (Thousands of Barrels)	Natural Gas (Billions of Cubic Feet)	Nuclear (U-235) (Trillion BTU)
1996	34992	30227	300	242
1997	34936	61669	284	326
1998	33654	56294	330	334
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

*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
2010-2020

Year	Coal (Thousands of Short Tons)	Oil (Thousands of Barrels)	Natural Gas (Billions of Cubic Feet)	Nuclear (U-235) (Trillion BTU)
2010 *	27,497	9,971	923	262
2011	27,103	3,933	978	319
2012	26,737	2,372	962	305
2013	28,475	1,979	941	363
2014	28,683	1,959	977	390
2015	29,012	2,226	996	381
2016	28,595	2,751	1,023	389
2017	29,925	3,034	1,025	385
2018	29,547	3,024	1,046	389
2019	30,722	3,798	1,070	381
2020	30,463	3,270	1,085	396

*Actual figures
Source: Regional Load and Resource Plan, State Supplement, FRCC

Consumption

Table 22
Monthly Consumption by Class of Service
(Megawatt-Hours)
2010

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Residential													
Florida Power & Light Company	5,216,443	3,987,392	3,850,643	3,335,505	4,299,631	5,503,338	5,922,255	5,850,882	5,646,215	4,656,525	3,910,019	4,163,656	56,342,504
Florida Public Utilities Company	35,582	30,866	30,581	20,362	20,028	27,480	36,436	37,818	34,525	26,454	19,593	27,315	347,040
Gulf Power Company	560,087	468,848	378,955	295,924	445,963	585,300	625,232	595,748	531,471	355,376	296,796	511,574	5,651,274
Progress Energy Florida	1,898,161	1,581,544	1,646,028	1,202,071	1,462,500	1,933,927	2,055,318	2,135,860	1,990,903	1,589,268	1,485,374	1,543,106	20,524,060
Tampa Electric Company	838,171	710,553	681,226	548,888	673,104	911,822	928,139	985,540	916,284	741,098	591,882	658,022	9,184,729
JEA	557,355	439,508	528,879	339,780	355,554	552,861	572,427	623,698	528,870	414,533	317,059	452,603	5,683,127
Orlando Utilities Commission	223,018	178,351	187,801	143,684	182,777	225,149	250,734	267,430	242,841	204,846	155,317	175,549	2,437,497
Commercial													
Florida Power & Light Company	3,588,072	3,201,548	3,072,577	3,245,212	3,686,741	4,150,600	4,239,946	4,182,914	4,216,696	3,893,833	3,608,842	3,457,176	44,544,157
Florida Public Utilities Company	25,288	24,202	23,435	21,513	23,993	27,667	33,323	33,124	32,057	29,475	25,140	24,829	324,046
Gulf Power Company	281,124	299,664	259,308	300,704	386,440	369,086	405,916	387,935	383,302	315,271	283,529	324,223	3,996,502
Progress Energy Florida	909,100	843,529	844,159	873,347	951,480	1,114,029	1,157,779	1,162,292	1,134,918	1,042,956	964,894	897,407	11,895,890
Tampa Electric Company	489,948	452,561	442,651	466,217	501,190	581,900	587,958	615,583	589,354	540,168	483,956	470,004	6,221,490
JEA	323,602	267,001	341,739	291,441	302,268	379,192	384,004	398,295	379,563	352,219	297,770	331,358	4,048,452
Orlando Utilities Commission	232,413	222,118	224,486	239,235	249,880	291,462	297,740	309,686	300,546	272,560	238,146	249,844	3,128,116
Industrial													
Florida Power & Light Company	501,517	258,540	235,313	260,571	265,218	276,650	265,029	268,117	267,267	252,014	257,724	256,032	3,363,992
Florida Public Utilities Company	6,030	6,230	6,610	11,660	4,140	4,910	3,540	5,010	4,680	3,720	4,710	5,340	66,580
Gulf Power Company	125,636	118,618	123,563	136,308	153,434	156,142	172,243	159,171	145,514	131,707	133,348	130,133	1,685,817
Progress Energy Florida	246,057	261,310	260,907	291,812	285,924	289,178	288,009	277,073	271,176	250,963	260,215	236,720	3,219,344
Tampa Electric Company	158,977	153,635	173,820	179,215	188,797	178,635	170,093	167,687	158,583	157,279	162,408	161,121	2,010,250
JEA	196,281	196,952	224,255	214,160	209,809	248,541	254,771	220,291	199,751	264,350	206,518	204,496	2,640,175
Orlando Utilities Commission	26,460	29,233	27,041	34,465	30,751	34,380	40,246	36,240	33,417	35,962	28,608	33,297	390,100
Other													
Florida Power & Light Company	44,835	43,711	43,943	43,921	44,452	45,759	46,274	45,661	46,145	45,396	45,427	44,224	539,748
Florida Public Utilities Company	694	686	685	678	687	694	701	702	691	673	686	706	8,283
Gulf Power Company	39,709	33,708	29,110	26,474	34,226	38,938	40,972	40,738	37,053	29,042	27,860	39,237	417,067
Progress Energy Florida	255,197	238,951	239,633	248,264	268,169	307,605	284,868	294,704	312,939	300,871	277,678	256,893	3,285,772
Tampa Electric Company	152,875	144,362	133,628	139,033	140,625	158,999	155,464	158,479	168,837	160,374	145,021	139,296	1,796,993
JEA	57,436	61,876	58,525	57,782	59,699	58,449	70,521	69,228	71,447	63,754	52,368	51,064	732,149
Orlando Utilities Commission	12,811	11,711	11,971	12,909	16,235	18,517	18,817	17,847	19,289	16,386	13,773	13,580	183,846
Total													
Florida Power & Light Company	9,350,867	7,491,191	7,202,476	6,885,209	8,296,042	9,976,347	10,473,504	10,347,574	10,176,323	8,847,768	7,822,012	7,921,088	104,790,401
Florida Public Utilities Company	67,594	61,984	61,311	54,213	48,848	60,751	74,000	76,654	71,953	60,322	50,129	58,190	745,949
Gulf Power Company	1,006,556	920,838	790,936	759,410	1,020,063	1,149,466	1,244,363	1,183,592	1,097,340	831,396	741,533	1,005,167	11,750,660
Progress Energy Florida	3,308,515	2,925,334	2,990,727	2,615,494	2,968,073	3,644,739	3,785,974	3,869,929	3,709,936	3,184,058	2,988,161	2,934,126	38,925,066
Tampa Electric Company	1,639,971	1,461,111	1,431,325	1,333,353	1,503,716	1,831,356	1,841,654	1,927,289	1,833,058	1,598,919	1,383,267	1,428,443	19,213,462
JEA	1,134,674	965,337	1,153,398	903,163	927,330	1,239,043	1,281,723	1,311,512	1,179,631	1,094,856	873,715	1,039,521	13,103,903
Orlando Utilities Commission	494,702	441,413	451,299	430,293	479,643	569,508	607,537	631,203	596,093	529,754	435,844	472,270	6,139,559

Source: Form FPSC/SCR - 4

Table 23
Consumption by Class of Service by Utility
(Megawatt-Hours)
2010

Utilities	Residential	Commercial	Industrial	Other	Total
Florida Power & Light Company	56,342,504	44,544,157	3,363,992	539,748	104,790,401
Florida Public Utilities Company	347,040	324,046	66,580	8,283	745,949
Gulf Power Company	5,651,274	3,996,502	1,685,817	417,067	11,750,660
Progress Energy Florida	20,524,060	11,895,890	3,219,344	3,285,772	38,925,066
Tampa Electric Company	9,184,729	6,221,490	2,010,250	1,796,993	19,213,462
Alachua	43,735	80,304	219	0	124,258
Bartow	143,378	39,034	88,975	10,990	282,377
Blountstown	NR	NR	NR	NR	NR
Bushnell	9,172	14,359	639	1,041	25,211
Central Florida Co-op	385,342	39,734	29,316	52,679	507,071
Chattahoochee	13,489	4,718	24,247	1,569	44,023
Choctawhatchee Co-op	569,757	97,144	113,534	0	780,435
Clay Co-op	2,378,289	267,879	676,127	5,637	3,327,933
Clewiston	49,727	9,868	42,958	723	103,275
Escambia River Co-op	138,644	10,140	28,614	520	177,917
Florida Keys Co-op	365,471	94,127	144,321	35,909	639,829
Fort Meade	28,470	5,072	3,715	4,832	42,088
Fort Pierce	222,724	301,096	0	11,747	535,567
Gainesville	851,454	208,308	764,740	0	1,824,502
Glades Co-op	161,772	32,257	124,521	18,518	337,068
Green Cove Springs	48,165	11,497	54,817	3,589	118,068
Gulf Coast Co-op	287,499	27,586	29,974	12,539	357,598
Havana	NR	NR	NR	NR	NR
Homestead	217,708	31,223	125,925	22,561	397,418
JEA	5,683,127	4,048,452	2,640,175	732,149	13,103,903
Jacksonville Beach	474,857	87,862	183,656	12,179	758,554
Key West	324,455	67,772	295,514	4,182	691,923
Kissimmee	738,310	174,607	432,339	15,665	1,360,922
Lake Worth	230,459	83,591	61,328	22,780	398,157
Lakeland	1,529,905	753,365	580,772	91,168	2,955,211
Lee County Co-op	NR	NR	NR	NR	NR
Leesburg	227,631	54,571	201,752	17,426	501,379
Moore Haven	9,706	1,605	5,111	315	16,737
Mount Dora	51,640	15,961	18,956	6,556	93,114
New Smyrna Beach	265,763	48,483	78,557	3,049	395,853
Newberry	NR	NR	NR	NR	NR
Ocala	537,831	170,491	550,719	14,717	1,273,758
Okefenoke*	130,786	6,554	2,388	2,964	142,692
Orlando	2,437,497	0	390,100	183,846	3,011,443
Peace River Co-op	418,136	70,611	118,285	14,118	621,149
Quincy	NR	NR	NR	NR	NR
Reedy Creek	178	9,973	1,146,971	5,994	1,163,116
Seminole Co-op**	0	0	0	0	0
Starke	25,729	46,523	0	0	72,252
Sumter Co-op	2,145,525	196,042	612,126	1,051	2,954,744
Suwannee Valley Co-op	311,596	40,416	108,779	277	461,067
Tallahassee	NR	NR	NR	NR	NR
Talquin Co-op	784,715	62,417	219,842	12,742	1,079,716
Tri-County Co-op	NR	NR	NR	NR	NR
Vero Beach	375,873	88,441	257,952	14,740	737,006
Wauchula	NR	NR	NR	NR	NR
West Florida Co-op	355,068	9,812	105,203	34,082	504,165
Williston	NR	NR	NR	NR	NR
Winter Park	NR	NR	NR	NR	NR
Withlacoochee Co-op	2,894,031	911,214	252,619	20,613	4,078,478
Respondent Total* **	117,917,222	75,205,195	20,861,770	7,441,329	221,425,517
FRCC State Total					225,930,000

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.

Sources: Form FPSC/SCR - 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)
2010

Utilities	Residential	Commercial	Industrial	Other	Total
Florida Power & Light Company	14,070	88,472	377,485	153,436	23,182
Florida Public Utilities Company	14,712	74,801	31,958,400	22,787	26,371
Gulf Power Company	15,036	74,912	6,133,961	746,095	27,325
Progress Energy Florida	14,140	73,580	1,297,730	130,427	23,723
Tampa Electric Company	15,526	88,655	1,401,767	229,582	28,634
Alachua	12,582	136,805	1,644	0	29,134
Bartow	14,430	32,021	254,944	84,539	24,272
Blountstown	NR	NR	NR	NR	NR
Bushnell	11,759	60,845	63,871	22,628	23,518
Central Florida Co-op	12,783	19,917	336,971	89,437	15,452
Chattahoochee	13,033	36,861	8,082,209	25,308	35,849
Choctawhatchee Co-op	15,258	18,874	504,597	0	18,271
Clay Co-op	15,927	16,822	884,983	92,415	20,038
Clewiston	14,884	18,410	367,162	4,353	24,826
Escambia River Co-op	15,841	9,835	170,319	25,975	17,843
Florida Keys Co-op	14,230	20,624	359,904	75,598	20,557
Fort Meade	11,853	20,450	412,802	54,287	15,316
Fort Pierce	9,788	73,099	0	0	19,295
Gainesville	10,387	22,934	595,592	0	19,759
Glades Co-op	13,167	9,399	218,074	18,518,400	20,692
Green Cove Springs	15,113	20,716	522,070	44,861	30,066
Gulf Coast Co-op	15,297	29,316	2,997,361	25,748	17,674
Havana	NR	NR	NR	NR	NR
Homestead	11,466	14,805	237,594	262,341	18,303
Jacksonville	15,549	95,163	12,409,753	160,871	31,744
JEA	16,724	21,498	504,549	21,556	22,704
Key West	13,296	20,075	433,305	2,890	23,135
Kissimmee	13,991	20,336	514,078	0	21,880
Lake Worth	10,906	30,452	786,255	30,867	16,124
Lakeland	15,195	64,013	17,599,158	9,902	24,283
Lee County Co-op	NR	NR	NR	NR	NR
Leesburg	12,271	16,693	469,190	58,476	22,237
Moore Haven	11,312	17,263	255,553	8,509	16,605
Mount Dora	10,817	20,702	321,292	77,127	16,367
New Smyrna Beach	12,070	25,982	608,971	2,863	15,785
Newberry	NR	NR	NR	NR	NR
Ocala	13,609	23,614	550,168	63,164	26,550
Okefenoke*	13,863	13,827	2,387,730	44,914	14,305
Orlando	13,684	0	11,530,049	13,915	13,669
Peace River Co-op	15,476	12,366	434,870	239,282	18,789
Quincy	NR	NR	NR	NR	NR
Reedy Creek	19,771	29,162	1,310,824	105,150	906,560
Seminole Co-op**	0	0	0	0	0
Starke	13,107	61,865	0	0	26,612
Sumter Co-op	13,685	13,700	585,207	33,903	17,162
Suwannee Valley Co-op	14,406	14,307	496,708	3,375	18,624
Tallahassee	NR	NR	NR	NR	NR
Talquin Co-op	16,223	20,252	904,701	24,224	20,676
Tri-County Co-op	NR	NR	NR	NR	NR
Vero Beach	13,370	18,873	385,578	43,739	21,801
Wauchula	NR	NR	NR	NR	NR
West Florida Co-op	14,295	13,118	60,219	54,271	18,031
Williston	NR	NR	NR	NR	NR
Winter Park	NR	NR	NR	NR	NR
Withlacoochee Co-op	15,976	49,531	5,874,857	52,185	20,394
Respondent Average	14,322	74,354	751,724	101,325	23,693

NR = Not reported
*Okefenoke Rural EMC sells power in Florida and Georgia; figures reflect Florida customers only.
**Seminole Electric Cooperative generates only for resale.

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

Table 25
Sale for Resale Activity by Selected Utility
(Megawatt-Hours)
2010

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	2,878,220	104,556,507	107,434,727	239,852	2.68
Florida Public Utilities Company	0	745,949	745,949	0	0.00
Gulf Power Company	4,111,961	11,750,660	15,862,621	342,663	25.92
Progress Energy Florida	3,690,913	38,925,066	42,615,979	307,576	8.66
Tampa Electric Company	515,519	19,213,462	19,728,981	42,960	2.61
Powersouth Energy Co-op*	1,951,905	0	1,951,905	162,659	100.00
Gainesville	217,310	1,824,502	2,041,812	18,109	10.64
JEA	998,359	12,105,544	13,103,903	83,197	7.62
Lake Worth	0	398,157	398,157	0	0.00
Lakeland	354	2,955,211	2,955,565	30	0.01
New Smyrna Beach	0	395,853	395,853	0	0.00
Orlando	NR	NR	NR	NR	NR
Reedy Creek	48,531	1,163,116	1,211,647	4,044	4.01
Seminole Electric Cooperative**	0	0	17,346	0	0.00
Suwannee Valley Co-op	6,848	461,067	467,915	571	1.46
Tallahassee	NR	NR	NR	NR	NR
Talquin Electric Cooperative	0	1,079,716	1,079,716	0	0.00

NR=Not Reported
*Alabama Electric Cooperative does all of its Florida business on a resale basis.
**Seminole Electric Cooperative generates only for resale.

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

Table 26
Consumption by Utility
(Megawatt-Hours)
2006-2010

Utilities	2006	2007	2008	2009	2010
Florida Power & Light Company	102,413,604	105,556,353	103,084,646	102,965,984	104,790,401
Florida Public Utilities Company	824,643	812,897	737,624	697,669	745,949
Gulf Power Company	11,641,664	11,926,565	11,929,723	11,276,303	11,750,660
Progress Energy Florida	39,176,585	39,281,638	38555709	37,824,252	38,925,066
Tampa Electric Company	18,911,837	18,983,753	18,989,605	18,774,789	19,213,462
Alachua	97,801	108,909	114,798	120,893	124,258
Bartow	275,035	285,235	273,624	274,053	282,377
Blountstown	37,811	36,817	36,707	38,946	NR
Bushnell	25,660	23,427	22,930	24,115	25,211
Central Florida	490,826	510,728	499,443	489,229	507,071
Chattahoochee	43,771	42,633	42,173	41,094	44,023
Choctawhatchee	686,166	741,951	736,438	734,815	780,435
Clay	3,079,308	3,197,139	3,151,451	3,131,882	3,327,933
Clewiston	116,373	123,043	103,275	104,090	103,275
Escambia River	165,253	173,668	165,953	163,245	177,917
Florida Keys	675,828	670,928	649,203	642,171	639,829
Fort Meade	41,665	39,768	39,694	40,524	42,088
Fort Pierce	599,720	579,227	559,126	534,128	535,567
Gainesville	1,854	1,876,933	1,803	1,789,355	1,824,502
Glades	340,932	353,315	NR	343,400	337,068
Green Cove Springs	116,547	112,615	NR	114,458	118,068
Gulf Coast	321,089	347,792	344,494	336,046	357,598
Havana	22,855	24,888	NR	23,721	NR
Homestead	375,636	426,438	431,290	429,852	397,418
JEA	13,236,849	13,358,114	13,076,237	12,761,647	13,103,903
Jacksonville Beach	761,697	751,441	725,559	721,752	758,554
Key West	717,588	718,114	715,992	700,471	691,923
Kissimmee	1,322,340	1,384,293	1,359,765	1,342,397	1,360,922
Lake Worth	512,602	434,123	410,853	391,942	398,157
Lakeland	2,808,851	2,928,568	2,847,462	2,859,018	2,955,211
Lee County	3,334,418	3,621,892	NR	NR	NR
Leesburg	514,179	382,119	NR	NR	501,379
Moore Haven	18,620	18,096	NR	17,204	16,737
Mount Dora	96,291	95,296	91,389	90,460	93,114
New Smyrna Beach	31,299	383,511	363,806	375,455	395,853
Newberry	26,418	29,756	29,712	30,587	NR
Ocala	1,330,623	1,364,610	NR	1,236,367	1,273,758
Okefenoke*	164,677	169,834	167,701	167,364	142,692
Orlando Utilities	3,173,477	3,275,149	3,237,325	3,207,575	3,011,443
Peace River	535,469	608,672	598,108	601,179	621,149
Quincy	157,039	155,749	NR	NR	NR
Reedy Creek	1,194,607	1,183,620	1,156,778	1,183,100	1,163,116
Starke	69,477	69,218	67,647	66,674	72,252
Sumter	2,425,467	2,677,554	2,642,456	2,714,230	2,954,744
Suwannee Valley	481,042	502,831	479,155	431,716	461,067
Tallahassee	2,723,848	2,755,874	NR	NR	NR
Talquin	1,018,333	1,073,680	NR	1,012,084	1,079,716
Tri-County	265,599	294,235	NR	276,404	NR
Vero Beach	737,381	751,966	724,803	711,484	737,006
Wauchula	64,247	64,959	63,124	62,289	NR
West Florida	380,502	397,900	426,212	461,795	504,165
Williston	31,887	33,632	32,547	25,737	NR
Winter Park	257,994	446,286	438,250	432,233	NR
Withlacoochee	3,452,789	3,697,619	3,707,863	3,772,404	4,078,478
Respondent Total**	**222,211,818**	**229,865,372**	**213,832,457**	**216,568,586**	**221,425,517**
FRCC State Total	**222,308,000**	**228,206,000**	**223,465,000**	**221,312,000**	**225,930,000**

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.

Sources: Table 23 and 27

Table 27
Total Consumption and Percentage Change by Class of Service
2001-2010

Year		Residential	Commercial	Industrial	Other Public Authorities*	Total
2001	Consumption (GWH)	100,071	70,089	22,338	5,114	197,612
	Change from prior year	2.6%	3.9%	1.3%	-4.4%	2.7%
2002	Consumption (GWH)	106,921	73,278	22,782	5,324	208,305
	Change from prior year	6.7%	3.1%	1.9%	4.1%	4.8%
2003	Consumption (GWH)	111,217	75,230	23,188	5,573	215,208
	Change from prior year	4.1%	2.5%	1.9%	5.3%	3.3%
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%

*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
1996-2010

Year	Residential	Commercial	Industrial	Other
1996	51.27	31.18	14.35	3.19
1997	50.06	32.05	14.57	3.32
1998	50.97	31.72	14.13	3.18
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

Source: Table 23

Revenues

Table 29
Monthly Revenues by Class of Service by Selected Utility
(In Thousands of Dollars)
2010

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Residential													
Florida Power & Light Company	$309,283	$419,280	$400,853	$344,397	$447,010	$578,390	$624,819	$620,817	$598,136	$489,165	$409,370	$437,505	$5,679,025
Florida Public Utilities Company	5,293	4,584	4,531	3,075	3,017	4,058	5,347	5,530	5,073	3,935	2,967	4,079	51,489
Gulf Power Company	68,369	58,599	47,531	38,125	55,812	71,578	76,327	72,643	65,649	45,696	38,121	62,621	701,071
Progress Energy Florida	256,194	211,885	220,359	161,846	197,006	261,182	278,164	289,590	269,055	214,027	199,417	204,861	2,763,586
Tampa Electric Company	100,584	85,017	81,539	65,873	80,558	109,304	111,215	118,224	109,746	88,656	59,487	78,845	1,089,048
JEA	64,122	50,779	61,137	39,953	41,470	63,725	65,824	71,644	60,856	50,104	40,366	57,032	667,012
Orlando Utilities Commission	25,714	17,888	20,550	15,837	25,931	21,364	26,516	28,735	27,241	24,513	15,149	12,912	262,350
Commercial													
Florida Power & Light Company	$156,461	$294,432	$284,401	$296,458	$332,002	$364,814	$371,738	$370,464	$372,078	$350,119	$328,152	$314,464	$3,835,583
Florida Public Utilities Company	3,256	3,048	2,877	3,317	3,862	4,304	4,258	4,161	3,835	3,174	3,553	43,072	82,717
Gulf Power Company	30,995	33,843	28,731	32,891	41,660	39,412	43,342	41,367	41,069	34,932	31,271	35,287	434,800
Progress Energy Florida	95,214	89,057	89,012	91,825	101,201	116,490	120,975	121,909	118,446	109,859	102,541	93,339	1,249,868
Tampa Electric Company	51,507	48,397	47,192	48,759	52,761	59,750	60,387	62,681	60,297	56,185	44,513	49,606	642,035
JEA	33,218	27,467	35,249	30,051	31,001	38,308	38,599	39,785	38,012	37,067	33,500	35,070	417,327
Orlando Utilities Commission	23,440	22,380	22,536	24,449	25,481	29,358	30,320	30,868	30,071	27,502	23,896	24,858	315,159
Industrial													
Florida Power & Light Company	$6,586	$18,616	$17,344	$18,905	$19,306	$19,930	$19,180	$19,513	$19,306	$18,480	$18,705	$18,604	$214,475
Florida Public Utilities Company	564	733	693	1,321	624	621	463	496	482	572	627	509	7,705
Gulf Power Company	11,595	10,894	11,295	12,412	13,872	14,649	16,107	14,973	13,680	12,402	11,991	11,714	155,584
Progress Energy Florida	21,482	22,614	22,682	25,206	25,268	25,550	25,675	24,808	24,319	22,660	23,228	20,712	284,204
Tampa Electric Company	14,910	14,535	16,059	16,468	17,307	16,570	16,087	15,724	15,000	14,903	13,179	15,278	186,020
JEA	17,192	16,608	18,680	18,277	18,577	22,833	25,596	22,176	19,790	24,180	19,911	19,570	243,390
Orlando Utilities Commission	2,344	2,592	2,404	3,083	2,799	3,001	3,544	3,255	2,975	3,219	2,554	2,928	34,698
Other													
Florida Power & Light Company	$5,652	$7,224	$6,803	$6,632	$6,745	$7,025	$7,198	$7,250	$7,492	$7,068	$7,148	$6,871	$83,108
Florida Public Utilities Company	187	188	187	187	187	188	186	183	179	176	186	212	2,246
Gulf Power Company	3,927	3,504	3,182	2,986	3,553	3,870	4,015	3,998	3,740	3,179	3,097	3,895	42,946
Progress Energy Florida	25,499	23,872	24,166	24,821	27,163	30,892	28,641	29,535	31,467	30,141	28,149	25,696	330,042
Tampa Electric Company	16,068	15,594	14,622	14,859	15,255	16,798	16,388	16,670	17,619	17,074	13,813	15,076	189,836
JEA	5,058	5,502	5,536	4,740	5,164	5,109	5,936	5,837	5,933	5,518	5,124	4,776	64,233
Orlando Utilities Commission	1,104	1,012	1,058	1,187	1,456	1,624	1,696	1,565	1,796	1,512	1,215	1,207	16,432
Total													
Florida Power & Light Company	$477,982	$739,552	$709,401	$666,392	$805,063	$970,159	$1,022,935	$1,018,044	$997,012	$864,832	$763,375	$777,444	$9,812,191
Florida Public Utilities Company	9,300	8,553	8,288	7,900	7,690	9,171	10,254	10,370	9,569	7,857	7,333	47,872	144,157
Gulf Power Company	114,886	106,840	90,739	86,414	114,897	129,509	139,791	132,981	124,138	96,209	84,480	113,517	1,334,401
Progress Energy Florida	398,389	347,428	356,219	303,698	350,638	434,114	453,455	465,842	443,287	376,687	353,335	344,608	4,627,700
Tampa Electric Company	183,069	163,543	159,412	145,959	165,881	202,422	204,077	213,299	202,662	176,818	130,992	158,805	2,106,939
JEA	119,590	100,356	120,602	93,021	96,212	129,975	135,955	139,442	124,591	116,869	98,901	116,448	1,391,962
Orlando Utilities Commission	52,602	43,872	46,548	44,556	55,667	55,347	62,076	64,423	62,083	56,746	42,814	41,905	628,639

Source: Form FPSC/SCR - 4

Table 30
Customer Revenues by Class of Service
(In Thousands of Dollars)
1996-2010

Year	Residential	Commercial	Industrial	Other Public Authorities*	Total
1996	$7,056,633	$3,570,759	$1,363,019	$376,590	$12,367,001
1997	7,074,435	3,722,308	1,382,150	390,703	12,569,596
1998	7,525,835	3,684,867	1,483,475	383,985	13,078,162
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

*Other includes Street and Highway Lighting

Source: Form FPSC/SCR - 1

Table 31
Customer Revenues as a Percentage of Total by Class of Service
1996-2010

Year	Residential	Commercial	Industrial	Other Public Authorities*
1996	57.1	28.9	11.0	3.0
1997	56.3	31.3	10.1	2.3
1998	57.5	28.2	11.3	2.9
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

*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
2010

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Monthly Average
Residential													
Florida Power & Light Company	3,988,093	3,996,804	4,002,155	4,005,429	4,006,528	4,006,190	4,006,321	4,009,525	4,007,496	4,006,476	4,007,539	4,009,848	4,004,367
Florida Public Utilities Company	23,500	23,543	23,551	23,560	23,550	23,645	23,573	23,631	23,579	23,692	23,662	23,578	23,589
Gulf Power Company	374,869	374,893	375,006	375,243	375,843	376,279	376,654	376,642	376,172	375,919	376,082	376,561	375,847
Progress Energy Florida	1,436,475	1,408,114	1,460,638	1,445,768	1,436,418	1,468,050	1,422,561	1,402,438	1,451,630	1,361,733	1,609,285	1,514,485	1,451,466
Tampa Electric Company	589,355	590,739	591,918	591,788	591,298	591,473	591,455	591,365	591,682	592,028	592,785	592,760	591,554
JEA	342,720	327,848	367,253	367,027	343,554	367,274	366,715	367,707	351,580	414,533	317,059	452,603	365,489
Orlando Utilities Commission	176,680	177,211	177,314	177,916	178,007	178,006	178,269	178,480	178,472	178,674	178,983	179,527	178,128
Commercial													
Florida Power & Light Company	501,517	501,370	502,123	502,351	502,834	503,341	504,879	504,957	504,975	505,066	504,859	503,530	503,484
Florida Public Utilities Company	4,327	4,314	4,316	4,323	4,321	4,333	4,333	4,346	4,345	4,340	4,351	4,336	4,332
Gulf Power Company	53,273	53,330	53,403	53,456	53,464	53,382	53,305	53,286	53,346	53,383	53,300	53,263	53,349
Progress Energy Florida	160,133	158,444	162,994	161,961	160,310	162,284	160,741	158,917	160,216	156,122	174,390	163,574	161,674
Tampa Electric Company	69,921	70,045	70,146	70,255	70,145	70,186	70,222	70,268	70,236	70,253	70,228	70,209	70,176
JEA	41,731	38,296	43,302	43,530	41,789	43,451	43,419	43,475	42,534	43,340	42,167	43,475	42,542
Orlando Utilities Commission	28,476	28,568	28,742	28,884	28,891	28,904	28,999	29,044	29,077	29,135	29,222	29,236	28,932
Industrial													
Florida Power & Light Company	9,043	8,995	8,938	8,948	8,860	8,873	8,859	8,842	8,939	9,004	8,883	8,755	8,912
Florida Public Utilities Company	2	2	2	2	2	2	2	2	2	2	2	3	2
Gulf Power Company	280	279	276	276	275	273	273	273	273	274	274	272	275
Progress Energy Florida	2,450	2,449	2,481	2,506	2,454	2,513	2,472	2,471	2,501	2,435	2,559	2,478	2,481
Tampa Electric Company	1,426	1,432	1,434	1,437	1,432	1,429	1,432	1,433	1,432	1,426	1,442	1,454	1,434
JEA	214	198	218	217	214	218	217	216	211	212	209	209	213
Orlando Utilities Commission	33	33	33	33	33	33	34	34	34	34	36	36	34
Other													
Florida Power & Light Company	3,476	3,489	3,495	3,500	3,505	3,513	3,517	3,519	3,530	3,545	3,559	3,565	3,518
Florida Public Utilities Company	364	365	361	360	359	358	358	356	357	359	376	389	364
Gulf Power Company	557	557	558	558	559	557	558	559	559	562	562	562	559
Progress Energy Florida	24,872	24,707	25,389	25,214	24,973	25,236	24,901	25,106	25,127	24,374	26,768	25,643	25,193
Tampa Electric Company	7,769	7,790	7,814	7,827	7,822	7,831	7,817	7,835	7,866	7,850	7,851	7,855	7,827
JEA	4,413	3,960	4,754	4,758	4,376	4,733	4,721	4,719	4,498	4,710	4,280	4,692	4,551
Orlando Utilities Commission	13,225	13,234	13,292	13,266	13,226	13,244	13,195	13,182	13,182	13,194	13,149	13,158	13,212
Total													
Florida Power & Light Company	4,502,129	4,510,658	4,516,711	4,520,228	4,521,727	4,521,917	4,523,576	4,526,843	4,524,940	4,524,091	4,524,840	4,525,698	4,520,280
Florida Public Utilities Company	28,193	28,224	28,230	28,245	28,232	28,338	28,266	28,335	28,283	28,393	28,391	28,306	28,286
Gulf Power Company	428,979	429,059	429,243	429,533	430,141	430,491	430,790	430,760	430,350	430,138	430,218	430,658	430,030
Progress Energy Florida	1,623,930	1,593,714	1,651,502	1,635,449	1,624,155	1,658,083	1,610,675	1,588,932	1,639,474	1,544,664	1,813,002	1,706,180	1,640,813
Tampa Electric Company	668,471	670,006	671,312	671,307	670,697	670,919	670,926	670,901	671,216	671,557	672,306	672,278	670,991
JEA	389,078	370,302	415,527	415,532	389,933	415,676	415,072	416,117	398,823	462,795	363,715	500,979	412,796
Orlando Utilities Commission	218,414	219,046	219,381	220,099	220,157	220,187	220,497	220,740	220,765	221,037	221,390	221,957	220,306

Sources: Form FPSC/SCR - 4

Table 33
Average Number of Customers by Class of Service by Utility
2010

Utility	Residential	Commercial	Industrial	Other	Total
Florida Power & Light Company	4,004,367	503,484	8,912	3,518	4,520,280
Florida Public Utilities Company	23,589	4,332	2	364	28,286
Gulf Power Company	375,847	53,349	275	559	430,030
Progress Energy Florida	1,451,466	161,674	2,481	25,193	1,640,813
Tampa Electric Company	591,554	70,176	1,434	7,827	670,991
Alachua	3,476	587	133	69	4,265
Bartow	9,936	1,219	349	130	11,634
Blountstown	NR	NR	NR	NR	NR
Bushnell	780	236	10	46	1,072
Central Florida Co-op	30,145	1,995	87	589	32,816
Chattahoochee	1,035	128	3	62	1,228
Choctawhatchee Co-op	37,342	5,147	225	0	42,714
Clay Co-op	149,329	15,924	764	61	166,078
Clewiston	3,341	536	117	166	4,160
Escambia River Co-op	8,752	1,031	168	20	9,971
Florida Keys Co-op	25,684	4,564	401	475	31,124
Fort Meade	2,402	248	9	89	2,748
Fort Pierce	22,754	4,119	884	0	27,757
Gainesville	81,973	9,083	1,284	0	92,340
Glades Co-op	12,286	3,432	571	1	16,290
Green Cove Springs	3,187	555	105	80	3,927
Gulf Coast Co-op	18,795	941	10	487	20,233
Havana	NR	NR	NR	NR	NR
Homestead	18,988	2,109	530	86	21,713
JEA	365,489	42,542	213	4,551	412,796
Jacksonville Beach	28,394	4,087	364	565	33,410
Key West	24,403	3,376	682	1,447	29,908
Kissimmee	52,772	8,586	841	0	62,199
Lake Worth	21,132	2,745	78	738	24,693
Lakeland	100,688	11,769	33	9,207	121,697
Lee County Co-op	NR	NR	NR	NR	NR
Leesburg	18,550	3,269	430	298	22,547
Moore Haven	858	93	20	37	1,008
Mount Dora	4,774	771	59	85	5,689
New Smyrna Beach	22,018	1,866	129	1,065	25,078
Newberry	NR	NR	NR	NR	NR
Ocala	39,521	7,220	1,001	233	47,975
Okefenoke*	9,434	474	1	66	9,975
Orlando**	178,128	28,932	34	13,212	220,306
Peace River Co-op	27,019	5,710	272	59	33,060
Quincy	NR	NR	NR	NR	NR
Reedy Creek	9	342	875	57	1,283
Seminole Co-op***	0	0	0	0	0
Starke	1,963	752	0	0	2,715
Sumter Co-op	156,784	14,310	1,046	31	172,171
Suwannee Valley Co-op	21,630	2,825	219	82	24,756
Tallahassee	NR	NR	NR	NR	NR
Talquin Co-op	48,370	3,082	243	526	52,221
Tri-County Co-op	NR	NR	NR	NR	NR
Vero Beach	28,114	4,686	669	337	33,806
Wauchula	NR	NR	NR	NR	NR
West Florida Co-op	24,838	748	1,747	628	27,961
Williston	NR	NR	NR	NR	NR
Winter Park	NR	NR	NR	NR	NR
Withlacoochee Co-op	181,148	18,397	43	395	199,983
Respondent Total	8,233,064	1,011,451	27,752	73,440	9,345,707
FRCC State Total	8,324,256	1,030,955	27,043	NR	9,382,254

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.

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

Table 34
Average Number of Customers by Utility
2006-2010

Utility	2006	2007	2008	2009	2010
Florida Power & Light Company	4,321,767	4,496,438	4,509,696	4,499,115	4,520,280
Florida Public Utilities Company	27,546	28,310	28,518	28,355	28,286
Gulf Power Company	404,087	425,793	429,302	428,206	430,030
Progress Energy Florida	1,583,391	1,632,347	1,638,911	1,630,172	1,640,813
Tampa Electric Company	635,747	666,354	667,266	666,747	670,991
Alachua	3,525	4,077	4,164	4,188	4,265
Bartow	11,563	11,690	11,632	11,733	11,634
Blountstown	1,314	1,353	1,355	1,670	NR
Bushnell	1,044	1,081	1,081	1,100	1,072
Central Florida	31,702	32,731	32,905	32,920	32,816
Chattahoochee	1,284	1,268	1,254	1,246	1,228
Choctawhatchee	38,894	42,326	42,656	42,572	42,714
Clay	155,591	164,619	165,425	165,720	166,078
Clewiston	4,164	4,186	4,160	4,147	4,160
Escambia River	9,581	9,878	9,923	10,014	9,971
Florida Keys	30,968	31,126	31,177	31,119	31,124
Fort Meade	2,696	2,789	2,787	2,769	2,748
Fort Pierce	25,841	27,279	28,632	28,306	27,757
Gainesville	90,660	90,939	95,975	93,045	92,340
Glades	15,715	196,198	NR	16,136	16,290
Green Cove Springs	3,545	3,778	NR	3,801	3,927
Gulf Coast	19,530	20,424	20,608	20,389	20,233
Havana	1,349	1,378	NR	1,351	NR
Homestead	18,094	21,078	21,286	20,911	21,713
JEA	402,438	420,550	424,012	403,543	412,796
Jacksonville Beach	31,942	33,032	33,132	33,331	33,410
Key West	29,223	29,558	29,444	29,601	29,908
Kissimmee	56,028	60,997	62,227	61,899	62,199
Lake Worth	26,823	25,766	25,396	24,983	24,693
Lakeland	118,262	122,464	122,353	121,832	121,697
Lee County	177,634	196,633	NR	NR	NR
Leesburg	20,659	21,086	NR	NR	22,547
Moore Haven	977	984	NR	957	1,008
Mount Dora	5,855	5,366	5,420	5,732	5,689
New Smyrna Beach	22,935	24,621	24,867	24,446	25,078
Newberry	0	1,478	1,478	1,485	NR
Ocala	49,884	52,282	NR	48,234	47,975
Okefenoke*	9,318	9,849	9,959	9,980	9,975
Orlando Utilities**	201,461	215,110	217,804	217,508	220,306
Peace River	29,973	32,906	32,837	32,785	33,060
Quincy	4,761	4,923	NR	NR	NR
Reedy Creek	1,231	1,265	1,251	1,286	1,283
Starke	2,725	2,777	2,787	2,753	2,715
Sumter	142,357	161,649	165,772	168,080	172,171
Suwannee Valley	23,047	24,282	24,595	24,703	24,756
Tallahassee	107,780	112,152	NR	NR	NR
Talquin	52,178	53,468	NR	52,358	52,221
Tri-County	17,018	17,751	NR	17,608	NR
Vero Beach	32,688	33,548	33,392	33,445	33,806
Wauchula	2,625	2,695	2,709	2,686	NR
West Florida	26,967	27,697	28,044	27,939	27,961
Williston	1,410	1,532	1,528	1,501	NR
Winter Park	13,750	13,872	13,856	13,825	NR
Withlacoochee	186,112	199,928	200,361	199,658	199,983
Respondent Total* **	9,238,943	9,827,659	9,211,937	9,307,891	9,345,707
FRCC State Total	8,980,184	9,383,196	9,417,985	9,399,539	9,382,254

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.

Source: Table 33

Table 35
Average Number of Customers and Percentage Change by Class of Service
2001-2010

Year		Residential	Commercial	Industrial	Total
2001	Number of Customers	7,220,638	893,241	28,185	8,142,064
	Change from prior year	2.5%	2.7%	-1.3%	2.5%
2002	Number of Customers	7,383,246	914,044	28,612	8,325,902
	Change from prior year	2.3%	2.3%	1.5%	2.3%
2003	Number of Customers	7,564,064	932,976	31,077	8,528,117
	Change from prior year	2.4%	2.1%	8.6%	2.4%
2004	Number of Customers	7,762,998	958,450	32,850	8,754,298
	Change from prior year	2.6%	2.7%	5.71%	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%	1.2%	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%

*FRCC numbers as revised

Sources: FRCC numbers from Table 33

Table 36
Population and Customers for Selected Investor-Owned Utilities
(Historical and Forecasted)
2001-2020

Utility	Year	Population	Residential Customers	Commercial Customers	Industrial Customers	Other Customers	Total Customers
Florida Power & Light Company	2001	7,754,846	3,490,541	426,573	15,445	2,722	3,935,281
	2005	8,469,602	3,828,374	469,973	20,392	3,156	4,321,895
	2010	8,739,209	4,004,366	503,529	8,910	3,523	4,520,328
	2015 *	9,418,816	4,281,280	526,406	10,241	3,940	4,821,867
	2020 *	10,080,541	4,582,064	564,827	10,598	4,493	5,161,982
Gulf Power Company	2001	742,110	325,343	48,482	277	460	374,562
	2005	789,800	350,404	52,916	295	472	404,087
	2010	802,190	375,847	53,349	275	559	430,030
	2015 *	857,060	400,949	56,617	299	628	458,493
	2020 *	936,590	434,112	60,176	308	703	495,299
Progress Energy Florida	2001	3,142,066	1,274,672	146,983	2,551	20,752	1,444,958
	2005	3,449,223	1,397,012	161,001	2,703	22,701	1,583,417
	2010	3,580,767	1,451,466	161,674	2,481	25,212	1,640,833
	2015 *	3,797,078	1,539,148	175,179	2,450	26,754	1,743,531
	2020 *	4,074,897	1,651,762	190,684	2,450	29,399	1,874,295
Tampa Electric Company	2001	1,027,283	505,964	63,316	851	5,649	575,780
	2005	1,131,546	558,601	69,027	1,337	6,656	635,621
	2010	1,199,400	591,554	70,176	1,434	7,827	670,991
	2015 *	1,281,400	628,147	75,370	1,494	8,148	713,159
	2020 *	1,386,100	677,149	80,996	1,550	8,633	768,328

*Projected

Source: Individual Ten-Year Site Plans

Prices

Table 37
Price of Residential Service*
December 31, 2010

Investor-Owned Utility	Minimum Bill or Customer Charge	100 KWH	250 KWH	500 KWH	750 KWH	1000 KWH	1500 KWH
Florida Power & Light Company	$5.90	$14.58	$27.58	$49.29	$70.95	$92.63	$146.02
Florida Public Utilities Company							
Northwest Division	$12.00	$25.90	$46.74	$81.47	$116.20	$150.93	$220.40
Northeast Division	$12.00	$23.59	$40.96	$69.91	$98.86	$127.81	$185.72
Gulf Power Company	$10.00	$21.30	$38.27	$66.52	$94.77	$123.02	$179.54
Progress Energy Florida	$8.76	$20.25	$37.51	$66.26	$95.00	$123.73	$196.63
Tampa Electric Company	$10.50	$20.46	$35.39	$60.26	$85.13	$110.00	$159.76

*Excludes local taxes, franchise fees, and gross receipts taxes that are billed as separate line items. Includes cost recovery clause factors effective December 2010.

Source: FPSC Comparative Rate Statistics.

Table 37 (continued)
Price of Residential Service*
December 31, 2010

Municipal Utility	Minimum Bill or Customer Charge	100 KWH	250 KWH	500 KWH	750 KWH	1000 KWH	1500 KWH
Alachua	$9.00	$20.70	$38.25	$67.50	$96.75	$126.00	$184.50
Bartow	$6.70	$19.51	$38.73	$70.74	$102.77	$134.78	$198.82
Blountstown	$3.50	$16.32	$35.55	$67.61	$99.66	$131.71	$195.82
Bushnell	$7.40	$20.37	$39.81	$72.23	$104.64	$137.05	$201.88
Chattahoochee	$6.50	$18.60	$36.75	$67.00	$97.24	$127.49	$187.99
Clewiston	$6.50	$16.40	$31.26	$56.01	$80.77	$105.52	$155.03
Fort Meade	$12.96	$24.32	$41.36	$69.76	$98.16	$126.56	$183.36
Fort Pierce	$6.01	$18.33	$36.82	$67.62	$98.43	$131.84	$198.66
Gainesville	$8.45	$16.85	$29.45	$59.45	$89.45	$127.95	$204.95
Green Cove Springs	$6.00	$17.87	$35.67	$65.33	$96.25	$127.16	$188.99
Havana	$6.00	$17.04	$33.60	$61.18	$88.78	$116.36	$171.54
Homestead	$5.60	$17.14	$34.46	$63.31	$92.17	$121.02	$178.73
JEA	$5.50	$16.96	$34.16	$62.82	$91.48	$120.14	$177.46
Jacksonville Beach	$4.50	$17.04	$35.85	$67.21	$98.56	$129.91	$192.62
Key West	$6.75	$19.97	$39.80	$72.85	$105.90	$138.95	$205.05
Kissimmee	$10.17	$22.13	$40.07	$69.96	$99.86	$129.75	$195.87
Lake Worth	$8.25	$20.38	$38.58	$68.90	$99.23	$129.55	$190.20
Lakeland	$8.00	$18.20	$33.50	$58.99	$84.48	$109.97	$128.55
Leesburg	$10.62	$22.58	$40.52	$70.42	$100.32	$130.22	$190.02
Moore Haven	$8.50	$19.75	$36.63	$64.75	$92.88	$121.00	$177.25
Mount Dora	$8.61	$21.27	$40.27	$71.93	$103.59	$135.24	$198.56
New Smyrna Beach	$5.65	$17.07	$34.19	$62.73	$91.27	$119.80	$176.88
Newberry	$7.50	$21.05	$41.38	$75.25	$109.13	$143.00	$210.75
Ocala	$9.33	$20.82	$38.05	$66.77	$95.49	$124.20	$181.64
Orlando	$8.00	$19.19	$35.96	$63.92	$91.86	$119.82	$180.74
Quincy	$6.00	$17.76	$35.39	$64.78	$94.17	$123.55	$182.33
Reedy Creek	$2.85	$10.72	$22.51	$42.17	$61.83	$81.48	$120.80
Starke	$6.45	$18.95	$37.71	$68.95	$100.21	$131.45	$204.95
St. Cloud	$8.32	$19.95	$37.40	$66.47	$95.54	$124.61	$187.96
Tallahassee	$6.39	$18.55	$36.79	$67.17	$97.57	$127.95	$188.73
Vero Beach	$8.14	$19.04	$35.39	$62.64	$89.89	$117.14	$171.64
Wauchula	$8.62	$19.16	$34.98	$61.34	$87.70	$114.06	$166.78
Williston	$8.00	$21.78	$42.45	$76.90	$111.35	$145.80	$214.70
Winter Park	$9.35	$20.81	$38.01	$66.67	$95.33	$123.98	$187.10

* Local taxes, franchise fees, and gross receipts taxes not embedded in rates are excluded. December 2010 Fuel and Purchased Power Costs are included.

Source: FPSC Comparative Rate Statistics.

Table 37 (continued)
Price of Residential Service*
December 31, 2010

Cooperative Utility	Minimum Bill or Customer Charge	100 KWH	250 KWH	500 KWH	750 KWH	1000 KWH	1500 KWH
Central Florida	$15.00	$34.00	$62.50	$110.00	$157.50	$205.00	$300.00
Choctawhatchee	$24.00	$33.84	$48.60	$73.19	$97.79	$122.38	$171.57
Clay	$11.00	$20.96	$35.90	$60.80	$85.71	$110.60	$165.40
Escambia River	$25.00	$37.10	$55.25	$85.50	$115.75	$146.00	$206.50
Florida Keys	$10.00	$19.81	$34.54	$59.07	$83.61	$108.14	$157.21
Glades	$20.50	$32.11	$49.51	$78.53	$107.54	$136.55	$194.58
Gulf Coast	$19.45	$30.47	$47.00	$74.55	$102.11	$129.65	$184.75
Lee County	$15.00	$25.44	$41.09	$67.18	$93.27	$119.36	$171.54
Okefenoke	$15.00	$25.43	$41.08	$67.15	$93.23	$119.30	$171.45
Peace River	$15.00	$25.31	$40.76	$66.52	$92.29	$118.05	$169.57
Sumter	$14.50	$25.64	$42.34	$70.18	$98.01	$125.85	$181.53
Suwannee Valley	$17.00	$29.25	$47.63	$78.25	$108.88	$139.50	$200.75
Talquin	$10.00	$22.09	$40.23	$70.45	$100.68	$130.90	$191.35
Tri-County	$17.50	$25.63	$37.82	$58.14	$78.46	$98.79	$139.43
West Florida	$20.00	$32.30	$50.90	$81.90	$112.90	$143.90	$205.90
Withlacoochee River	$18.00	$28.06	$43.16	$68.32	$93.47	$118.63	$168.95

* Local taxes, franchise fees, and gross receipts taxes not embedded in rates are excluded. December 2010 Fuel and Purchased Power Costs are included.

Source: FPSC Comparative Rate Statistics.

Table 38
Price of Commercial and Industrial Service*
December 31, 2010

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	$1,519	$3,891	$12,972	$31,206	$61,291
Florida Public Utilities Company					
Northwest Division	$2,153	$6,146	$21,080	$54,712	$109,324
Northeast Division	$1,787	$5,047	$17,529	$45,244	$90,388
Gulf Power Company	$1,738	$4,737	$14,109	$34,449	$68,743
Progress Energy Florida	$1,611	$4,505	$14,988	$38,600	$77,188
Tampa Electric Company	$1,765	$4,551	$15,037	$37,199	$74,341

*Excludes local taxes, franchise fees, and gross receipts taxes that are billed as separate line items. Includes cost recovery clause factors effective December 2010.

Source: FPSC Comparative Rate Statistics.

Table 38 (continued)
Price of Commercial and Industrial Service*
December 31, 2010

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	$1,999	$5,363	$17,770	$44,895	$89,745
Bartow	$2,274	$6,121	$20,358	$51,313	$102,607
Blountstown	$2,237	$6,696	$22,304	$59,465	$118,923
Bushnell	$2,270	$6,205	$20,630	$52,493	$104,963
Chattahoochee	$1,935	$5,895	$19,631	$50,664	$101,320
Clewiston	$1,715	$4,806	$15,938	$41,243	$82,451
Fort Meade	$1,837	$5,580	$18,390	$45,750	$91,410
Fort Pierce	$2,053	$5,572	$19,798	$48,353	$96,667
Gainesville	$2,289	$6,073	$20,125	$33,150	$66,000
Green Cove Springs	$2,090	$5,620	$18,674	$44,439	$88,753
Havana	$1,661	$4,972	$16,560	$44,150	$88,294
Homestead	$2,021	$5,515	$18,299	$46,614	$93,192
JEA	$1,936	$5,008	$16,495	$42,143	$83,951
Jacksonville Beach	$2,320	$6,291	$20,933	$52,960	$105,904
Key West	$2,182	$5,988	$19,911	$50,761	$101,501
Kissimmee	$2,191	$5,796	$19,190	$48,118	$96,181
Lake Worth	$2,455	$6,401	$21,150	$52,700	$105,320
Lakeland	$1,655	$4,380	$14,610	$35,992	$71,654
Leesburg	$2,003	$5,176	$17,201	$42,329	$84,635
Moore Haven	$1,991	$5,484	$18,228	$46,603	$93,183
Mount Dora	$1,772	$4,923	$16,365	$42,038	$84,056
New Smyrna Beach	$2,080	$5,668	$18,814	$47,864	$95,694
Newberry	$2,315	$6,164	$20,510	$49,245	$98,445
Ocala	$1,841	$4,944	$16,867	$43,239	$85,033
Orlando	$1,095	$2,625	$8,682	$19,855	$39,635
Quincy	$1,823	$5,049	$16,690	$43,072	$81,523
Reedy Creek	$2,128	$5,465	$18,169	$44,514	$89,008
Starke	$2,192	$6,557	$21,834	$58,209	$116,409
St. Cloud	$1,139	$2,730	$9,029	$20,650	$41,222
Tallahassee	$1,982	$5,099	$16,811	$41,453	$82,853
Vero Beach	$2,231	$6,289	$9,600	$25,600	$51,200
Wauchula	$1,881	$5,099	$16,846	$42,971	$85,877
Williston	$2,230	$6,264	$20,600	$52,850	$105,650
Winter Park	$910	$2,367	$7,860	$19,445	$38,877

*Local taxes, franchise fees, & gross receipts taxes not embedded in rates are excluded. December 2010 Fuel & Purchased Power Costs are included.

Source: FPSC Comparative Rate Statistics.

Table 38 (continued)
Price of Commercial and Industrial Service*
December 31, 2010

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	$3,228	$8,950	$29,600	$76,100	$152,100
Choctawhatchee	$1,560	$4,144	$13,080	$33,178	$66,315
Clay	$1,563	$4,278	$14,130	$36,255	$71,250
Escambia River	$2,218	$5,915	$19,600	$49,350	$98,650
Florida Keys	$1,525	$4,472	$14,786	$39,336	$78,621
Glades	$1,997	$5,535	$18,183	$25,715	$51,255
Gulf Coast	$2,035	$5,171	$17,155	$41,733	$83,423
Lee County	$1,708	$4,544	$11,489	$29,454	$58,878
Okefenoke	$1,978	$5,202	$17,105	$43,080	$86,060
Peace River	$1,837	$4,829	$15,957	$39,952	$79,844
Sumter	$1,675	$4,485	$14,822	$37,517	$74,979
Suwannee Valley	$2,042	$5,564	$18,550	$46,250	$92,250
Talquin	$1,535	$4,221	$14,255	$39,392	$78,484
Tri-County	$1,489	$3,463	$11,193	$26,464	$52,778
West Florida	$1,914	$5,343	$17,692	$23,106	$46,112
Withlacoochee River	$1,525	$4,069	$13,499	$33,952	$67,876

* Local taxes, franchise fees, and gross receipts taxes not embedded in rates are excluded. December 2010 Fuel and Purchased Power Costs are included.

Source: FPSC Comparative Rate Statistics.

Economic and Financial Indicators

Table 39
Population Estimates
2001-2010
(in Thousands)

Year	Florida Population	National Population
2001	16,351	285,050
2002	16,675	287,746
2003	16,974	290,242
2004	17,366	292,936
2005	17,773	295,618
2006	18,076	298,432
2007	18,262	301,394
2008	18,410	304,177
2009	18,510	306,656
2010	18,678	309,051

Source: U.S. Census Bureau, Washington D.C. 20233
Table 39:
http://www.census.gov/popest/states/tables/NST-PEST2010-01.xls

Table 40
Population Projections
2020-2040
(in Thousands)

Year	Florida Population	National Population
2020	19,252	341,387
2030	23,407	373,504
2040	28,686	405,655

Source: U.S. Census Bureau, Washington D.C. 20233
Table 40:
http://www.census.gov/population/projections/SummaryTabA1.pdf

Table 41
Consumer Price Index
All Urban Consumers
Annual Rate of Change
2001-2010

Year*	All Urban Consumers
2001	1.6%
2002	2.4%
2003	1.9%
2004	3.3%
2005	3.4%
2006	2.5%
2007	4.1%
2008	0.1%
2009	2.7%
2010	1.5%

Table 42
Consumer Price Index
For All Items and Fuel and Other Utilities
2001-2010

Year*	All Items	Fuel and Other Utilities
2001	177.1	150.2
2002	179.9	143.6
2003	184.0	154.5
2004	188.9	161.9
2005	195.3	179.0
2006	201.6	194.7
2007	207.3	200.6
2008	215.3	220.0
2009	214.5	210.6
2010	218.1	214.1

*Not seasonally adjusted.

Source: Tables 41 and 42, Economic Indicators, Council of Economic Advisors, Joint Economic Committee, United States Government Printing Office
http://origin.www.gpoaccess.gov/indicators/11janbro.html

Table 43
Producer Price Index
Total Finished Goods and Capital Equipment
2001-2010

Year	Finished Goods	Capital Equipment
2001	140.7	139.7
2002	138.9	139.1
2003	143.3	139.5
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	179.9	157.3

Source: Economic Indicators, Council of Economic Advisers,
Joint Economic Committee, United States Government Printing Office
http://origin.www.gpoaccess.gov/indicators/09julbro.html

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
EEI	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)
GEO	Governor's Energy Office (formerly SEO)
SEO	State Energy Office

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

Primary Fuel (F)

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

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 of 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 (100,00 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 by 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 wet 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 Governor's Energy Office