

**Florida Public Service Commission**

STATISTICS OF THE

# Florida Electric Utility Industry



**2 0 0 6**

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# **STATISTICS OF THE FLORIDA ELECTRIC UTILITY INDUSTRY**

**2006**

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 Standards Control and Reporting. Please contact 850-413-6140 with any questions.



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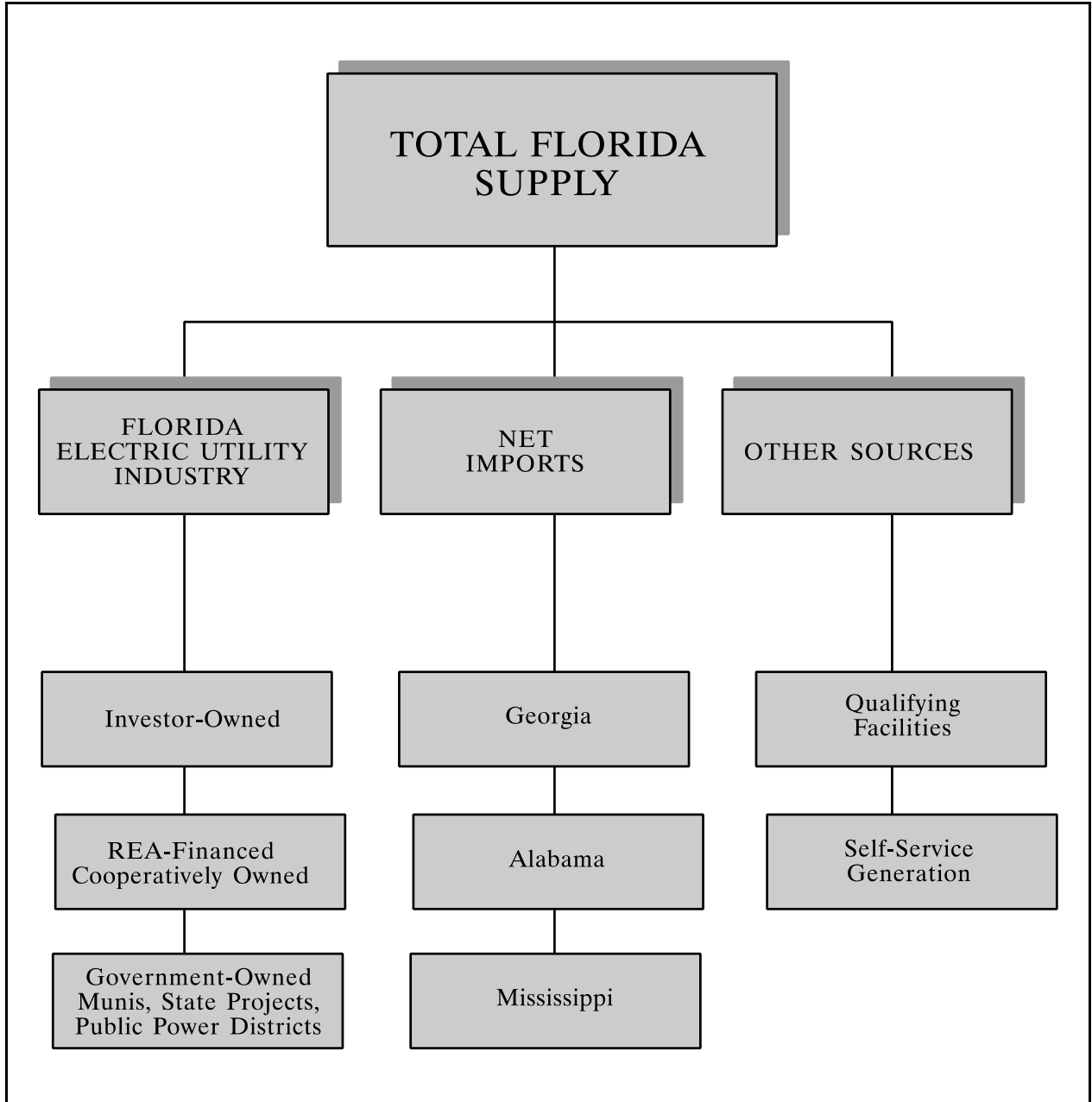


## **INTRODUCTION**



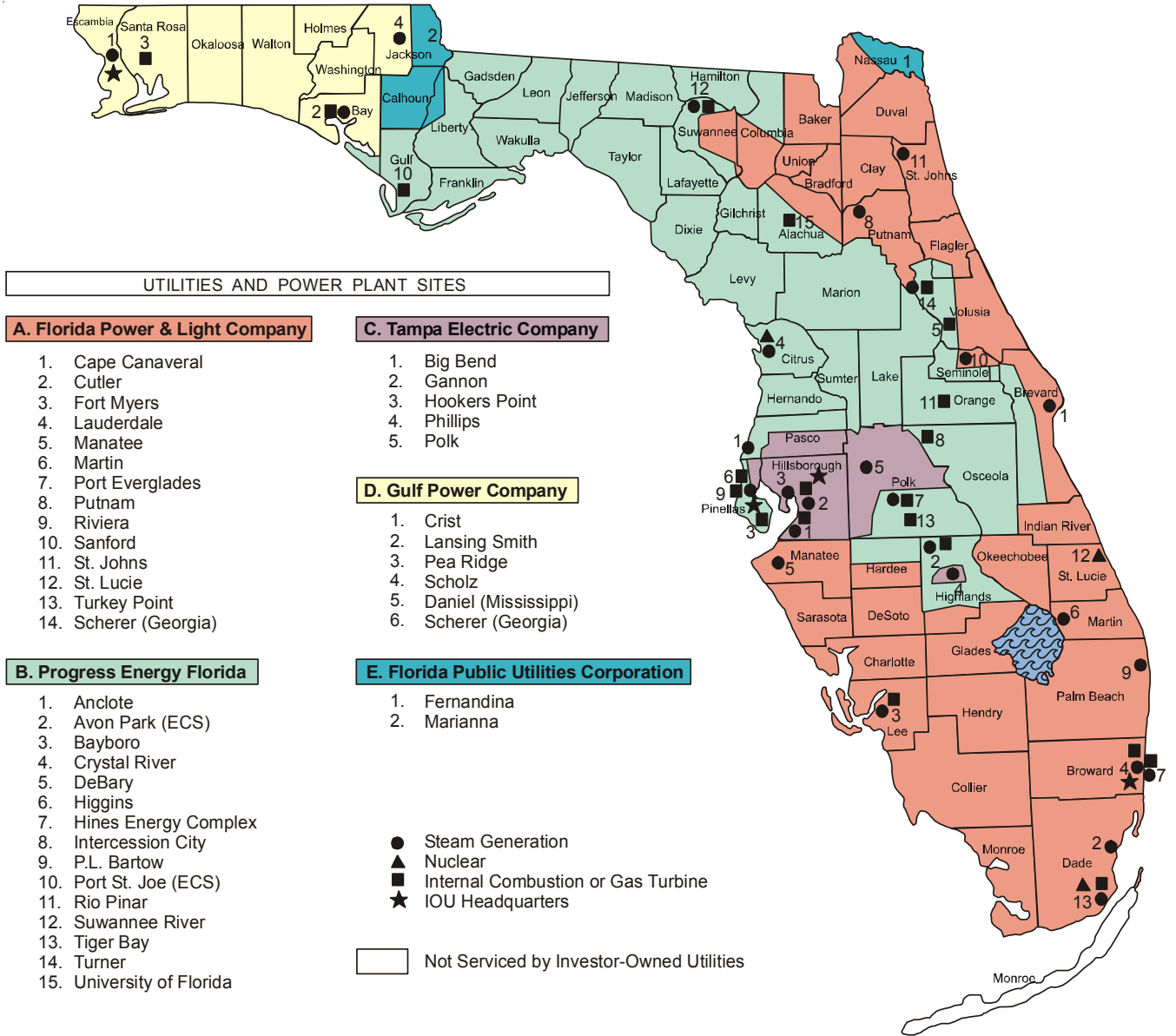
Figure 1

**FLORIDA SOURCES OF ELECTRICITY  
BY TYPE OF OWNERSHIP**



# Figure 2

## Approximate Company Service Areas Investor-Owned Electric Utilities

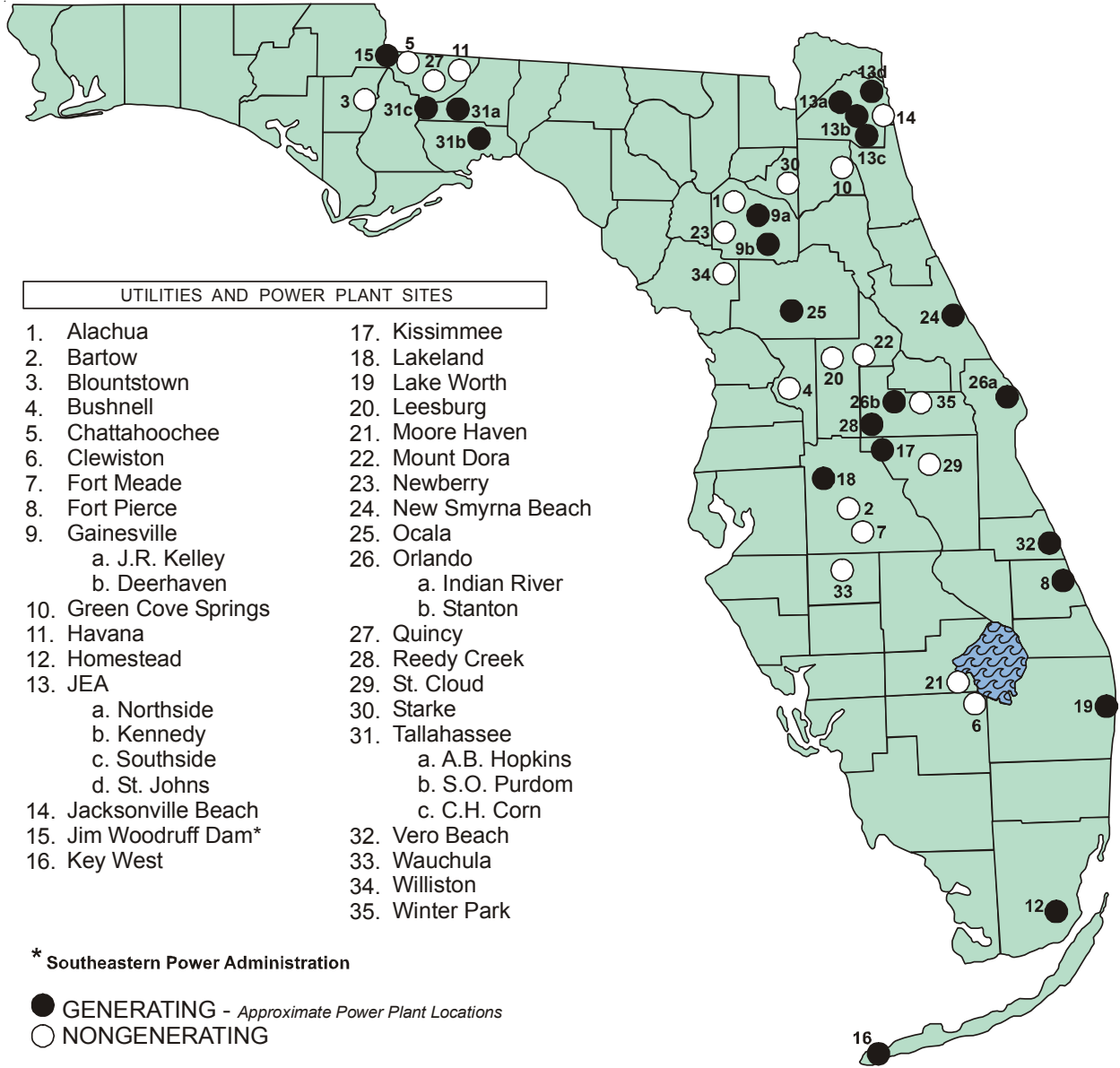


Service areas are approximations.  
 Information on this map should be used only as a general guideline.  
 For more detailed information, contact individual utilities.

Source:  
 Florida Public Service Commission

Figure 3

# Municipal Electric Utilities



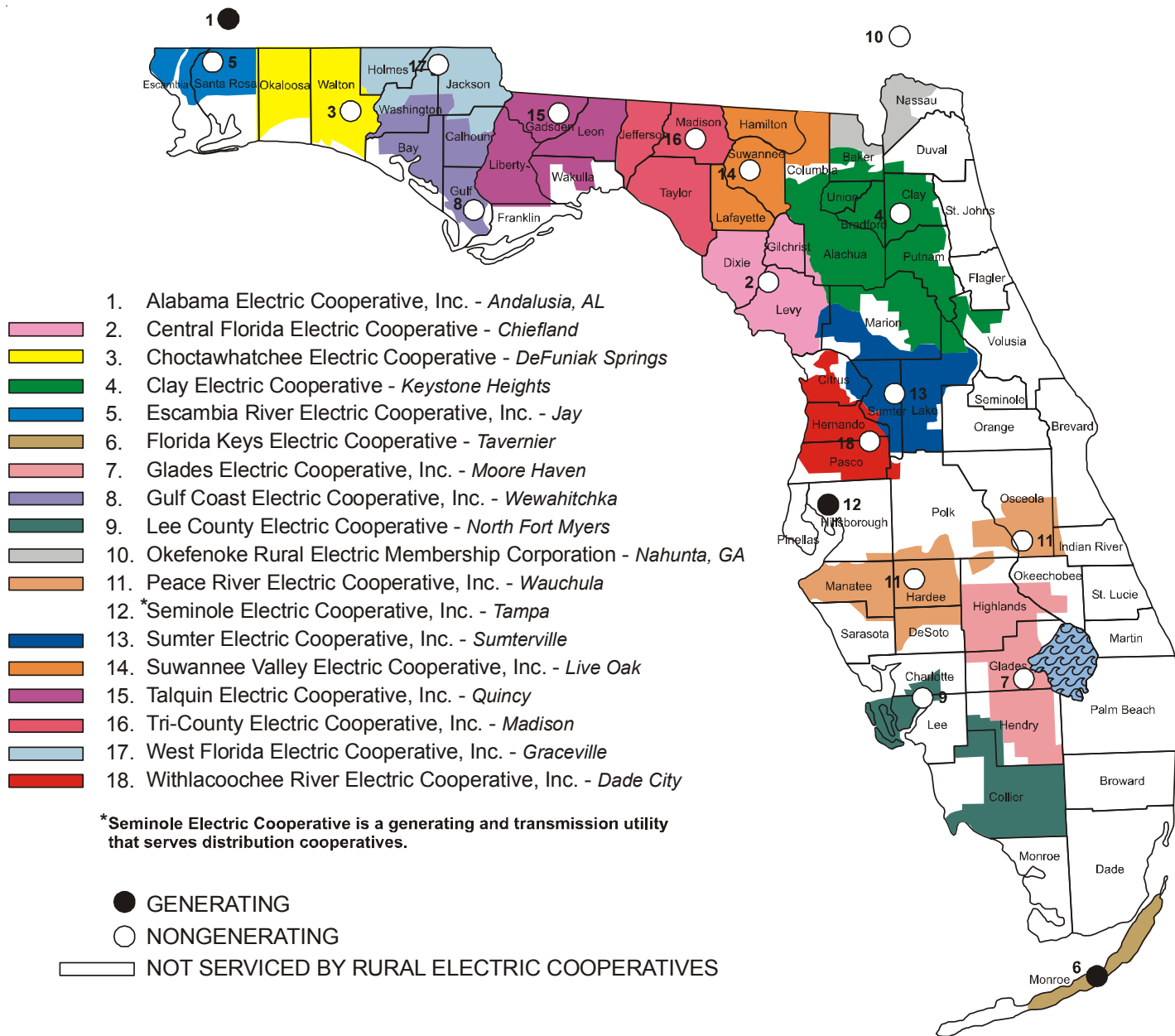
Information on this map should be used only as a general guideline.  
For more detailed information, contact individual utilities.

Source:  
Florida Public Service Commission

# Figure 4

Approximate Company Service Areas

## Rural Electric Cooperatives



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

Source:  
 Florida Public Service Commission

**FLORIDA ELECTRIC UTILITY INDUSTRY  
2006**

**INVESTOR-OWNED SYSTEMS**

Florida Power & Light Company (FPL)  
Florida Public Utilities Company (FPU)  
Gulf Power Company (GPC)  
Progress Energy Florida, Inc. (PEF)  
Tampa Electric Company (TEC)

**GENERATING MUNICIPAL SYSTEMS**

Florida Municipal Power Agency (FMP)  
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)

**NONGENERATING 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)

**NONGENERATING 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)  
Okefenokee 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 Coop., Inc. (WRC)

\*St. Cloud served by Orlando Utilities Commission

**COUNTIES SERVED BY GENERATING ELECTRIC UTILITIES  
2006**

**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 NONGENERATING ELECTRIC UTILITIES  
2006**

**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, Suwanee, 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

**TABLE 1**  
**SUMMARY STATISTICS**  
**2002-2006**

	2002	PERCENT CHANGE 2002-2003	2003	PERCENT CHANGE 2003-2004	2004	PERCENT CHANGE 2004-2005	2005	PERCENT CHANGE 2005-2006	2006
<b>I. NAMEPLATE CAPACITY/CAPABILITY (MW)*</b>									
<b>A. By Prime Mover</b>									
Conventional Steam	23,360	-4.4	22,336	-0.9	22,128	-0.1	22,099	-24.3	16,735
Internal Combustion and Gas Turbine	7,140	0.2	7,152	5.1	7,514	31.3	9,864	116.3	21,338
Combined Cycle	8,889	31.0	11,642	5.4	12,273	1.0	12,399	-35.9	7,946
Hydroelectric	58	1.7	59	-1.7	58	7.8	63	486.4	367
Steam - Nuclear	3,898	0.1	3,902	0.0	3,902	0.0	3,903	0.0	3,903
Other	<u>6</u>	0.0	<u>6</u>	-100.0	<u>0</u>	-	<u>110</u>	-100.0	<u>0</u>
<b>B. By Type of Ownership</b>									
Investor-Owned	31,765	4.8	33,293	2.6	34,171	6.8	36,486	3.6	37,817
Municipal and Cooperatives	<u>11,586</u>	1.8	<u>11,804</u>	-1	<u>11,704</u>	2.1	<u>11,951</u>	4.4	<u>12,471</u>
Total Nameplate Capacity/Capability	<u>43,351</u>	4.0	<u>45,097</u>	1.7	<u>45,875</u>	5.6	<u>48,437</u>	3.8	<u>50,288</u>
<b>II. INTERCHANGE AND GENERATION (GWH)</b>									
<b>A. By Prime Mover</b>									
Conventional Steam	107,753	3.2	111,213	-7.2	103,200	-1.1	102,056	-5.1	96,872
Internal Combustion and Combustion Turbine	6,211	-32.5	4,191	-17.8	3,444	0.2	3,452	1.6	3,507
Combined Cycle	40,356	24.0	50,052	20.8	60,478	16.2	70,303	13.0	79,465
Hydroelectric	19	100.0	38	-21.1	30	10.0	33	-60.6	13
Steam - Nuclear	<u>33,524</u>	-7.3	<u>31,069</u>	0.5	<u>31,220</u>	-8.3	<u>28,632</u>	9.8	<u>31,429</u>
<b>B. By Fuel Type (GWH)</b>									
Coal	71,092	7.3	76,294	-9.9	68,708	1.4	69,683	1.7	70,859
Oil	27,494	5.6	29,030	-1.8	28,513	-1.5	28,096	-42.5	16,164
Natural Gas	55,734	7.9	60,132	16.2	69,901	11.6	78,032	19.0	92,821
Nuclear	33,524	-7.3	31,069	0.5	31,220	-8.3	28,632	9.8	31,429
Hydroelectric	<u>19</u>	100.0	<u>38</u>	-21.1	<u>30</u>	10.0	<u>33</u>	-60.6	<u>13</u>
Total Generation	187,863	4.6	196,563	0.9	198,372	3.1	204,476	3.3	211,286
Net Interchange, Non-Utility Generators, and Other	<u>34,779</u>	-2.2	<u>34,027</u>	4.0	<u>35,400</u>	0.8	<u>35,691</u>	-8.2	<u>32,777</u>
Total Net Interchange and Generation	<u>222,642</u>	3.6	<u>230,590</u>	1.4	<u>233,772</u>	2.7	<u>240,167</u>	1.6	<u>244,063</u>
<b>III. SALES TO ULTIMATE CONSUMERS (GWH)</b>									
<b>A. By Class of Customer</b>									
Residential	106,445	4.1	110,821	-5.1	105,168	8.5	114,156	1.0	115,279
Commercial	73,812	2.5	75,647	-3.0	73,382	7.4	78,809	2.1	80,474
Industrial	22,040	1.9	22,453	-9.3	20,372	15.0	23,431	0.0	23,425
Other	<u>5,293</u>	5.3	<u>5,572</u>	1.7	<u>5,666</u>	4.3	<u>5,912</u>	1.7	<u>6,013</u>
<b>B. By Type of Ownership</b>									
Investor-Owned	161,898	3.6	167,806	0.1	168,015	2.9	172,968	1.1	174,951
Municipal and Cooperatives	<u>45,692</u>	2.2	<u>46,687</u>	-21.7	<u>36,573</u>	34.9	<u>49,340</u>	1.8	<u>50,240</u>
Total Sales to Ultimate Customer	<u>207,590</u>	3.3	<u>214,493</u>	-4.6	<u>204,588</u>	8.7	<u>222,308</u>	1.3	<u>225,191</u>
<b>IV. UTILITY USE &amp; LOSSES &amp; NET Wh. RESALE (GWH)</b>	<u>15,052</u>	6.9	<u>16,097</u>	81.3	<u>29,184</u>	-38.8	<u>17,859</u>	5.7	<u>18,872</u>

\*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**  
**2002-2006**

	2002	PERCENT CHANGE 2002-2003	2003	PERCENT CHANGE 2003-2004	2004	PERCENT CHANGE 2004-2005	2005	PERCENT CHANGE 2005-2006	2006
V. FLORIDA POPULATION (THOUSANDS)	16,713	1.8	17,019	2.2	17,397	0.6	17,510	3.3	18,090
VI. CONSUMPTION PER CAPITA (KWH)									
A. Total Sales per Capita	12,421	1.5	12,603	-6.7	11,760	8.0	12,696	-2.0	12,448
B. Residential Sales per Capita	6,369	2.2	6,512	-7.2	6,045	7.8	6,519	-2.2	6,373
VII. NET GENERATION PER CAPITA (KWH)	13,321	1.7	13,549	-0.8	13,437	2.1	13,716	-1.6	13,492
VIII. AVERAGE ANNUAL RESIDENTIAL CONSUMPTION PER CUSTOMER (KWH)	14,497	1.7	14,748	-2.9	14,321	-0.9	14,188	0.0	14,184
IX. NUMBER OF CUSTOMERS									
By Class of Service									
Residential	7,455,225	2.0	7,605,034	3.4	7,862,627	3.5	8,134,334	2.5	8,336,451
Commercial	902,183	2.2	921,775	3.5	954,014	2.8	980,976	2.5	1,005,431
Industrial	47,412	-7.5	43,838	2.4	44,911	9.2	49,054	1.3	49,709
Other	94,581	-1.7	92,936	-17.8	76,363	-2.3	74,580	2.2	76,236
Total	<u>8,499,401</u>	1.9	<u>8,663,582</u>	3.2	<u>8,937,914</u>	3.4	<u>9,238,943</u>	2.5	<u>9,467,827</u>
X. CUSTOMER REVENUES									
A. By Class of Service (in Thousands)									
Residential	\$8,768,596	9.1	\$9,566,860	5.7	\$10,112,821	10.3	\$11,150,043	19.0	\$13,269,751
Commercial	4,580,867	9.5	5,017,993	8.6	5,448,432	10.2	6,003,804	25.4	7,528,590
Industrial	1,509,709	4.7	1,580,890	9.6	1,733,191	11.2	1,928,154	22.7	2,366,497
Other	472,945	9.5	517,843	12.9	584,588	10.3	644,515	19.5	770,472
Total	<u>\$15,332,116</u>	8.8	<u>\$16,683,586</u>	7.2	<u>\$17,879,033</u>	10.3	<u>\$19,726,515</u>	21.3	<u>\$23,935,310</u>
B. By Class of Service (as a % of Total)									
Residential	57.2 %		57.3 %		56.6 %		56.5 %		55.4 %
Commercial	29.9		30.1		30.5		30.4		31.5
Industrial	9.8		9.5		9.7		9.8		9.9
Other	3.1		3.1		3.3		3.3		3.2
Total	<u>100 %</u>		<u>100 %</u>		<u>100 %</u>		<u>100 %</u>		<u>100 %</u>

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



**SUMMARY OF FINANCIAL STATISTICS FOR  
INVESTOR-OWNED UTILITIES (IOUs)**



**TABLE 2**  
**ALLOWED AND ACTUAL RATES OF RETURN**  
**2002-2006**

	2002	CHANGE (%) 2002-2003	2003	CHANGE (%) 2003-2004	2004	CHANGE (%) 2004-2005	2005	CHANGE (%) 2005-2006	2006
<b>AVERAGE PER BOOK RATE OF RETURN</b>									
Florida Power & Light	10.91 %	-7.42	10.10 %	-5.64	9.53 %	-6.51	8.91 %	-4.26	8.53 %
Gulf Power Company	7.87	-1.02	7.79	-5.65	7.35	-0.68	7.30	3.29	7.54
Progress Energy Florida	9.87	-15.70	8.32	8.6538	9.04	-25.77	6.71	33.98	8.99
Tampa Electric Company	8.36	-5.02	7.94	4.66	8.31	-2.65	8.09	-7.17	7.51
<b>AVERAGE ADJUSTED RATE OF RETURN</b>									
Florida Power & Light	9.13 %	-4.05	8.76 %	-6.62	8.18 %	-3.42	7.90 %	-3.04	7.66 %
Gulf Power Company	7.93	-0.88	7.86	-5.98	7.39	-1.35	7.29	4.66	7.63
Progress Energy Florida	9.89	-11.22	8.78	3.30	9.07	-25.69	6.74	26.56	8.53
Tampa Electric Company	8.88	-8.56	8.12	2.0936	8.29	-3.62	7.99	-7.13	7.42
<b>REQUIRED RATES OF RETURN*</b>									
Florida Power & Light	7.87 %	-5.59	7.43 %	0.67	7.48 %	-3.07	7.25 %	4.00	7.54 %
Gulf Power Company	7.56	0.00	7.56	-1.72	7.43	-4.31	7.11	3.52	7.36
Progress Energy Florida	8.90	-8.99	8.10	2.96	8.34	-0.48	8.30	8.19	8.98
Tampa Electric Company	8.38	-0.36	8.35	-0.96	8.27	-3.02	8.02	-1.62	7.89
<b>ADJUSTED JURISDICTIONAL YEAR-END</b>									
<b>RATE BASE (MILLIONS)</b>									
Florida Power & Light	\$10,145	3.62	\$10,512	3.80	\$10,912	13.37	\$12,371	9.24	\$13,514
Gulf Power Company	1,220	-0.33	1,216	2.09	1,241	7.01	1,328	-2.71	1,292
Progress Energy Florida	3,745	5.23	3,941	1.85	4,014	11.48	4,475	-2.28	4,373
Tampa Electric Company	2,178	18.01	2,570	11.73	2,872	3.45	2,971	2.12	3,034

\*Average Capital Structure - Midpoint

SOURCE: December Earnings Surveillance Reports, Schedule 1

**TABLE 3**  
**SOURCES OF REVENUE**  
**INVESTOR-OWNED ELECTRIC UTILITIES**  
**(PERCENTAGE OF TOTAL SALES)**  
**2002-2006**

	2002	CHANGE (%) 2002-2003	2003	CHANGE (%) 2003-2004	2004	CHANGE (%) 2004-2005	2005	CHANGE (%) 2005-2006	2006
<b>FLORIDA POWER &amp; LIGHT</b>									
Residential	56.98 %	-0.22	56.85 %	-2.00	55.71 %	0.43	55.95 %	-1.92	54.88 %
Commercial	37.51	-0.47	37.33	2.48	38.26	-0.14	38.20	3.73	39.63
Industrial	3.00	-3.19	2.90	1.32	2.94	-3.73	2.83	6.91	3.03
Other	0.93	-7.60	0.86	-4.99	0.82	-2.03	0.80	-6.61	0.75
Resale	1.59	29.46	2.06	10.45	2.27	-2.64	2.21	-22.34	1.72
TOTAL SALES (Millions)	\$7,118.35	14.16	\$8,125.97	5.04	\$8,535.51	9.36	\$9,334.77	26.75	\$11,832.15
<b>GULF POWER COMPANY*</b>									
Residential	46.66 %	-4.02	44.78 %	-3.93	43.02 %	2.20	43.97 %	-1.29	43.40 %
Commercial	26.49	-2.79	25.75	-2.73	25.05	2.57	25.69	0.13	25.72
Industrial	11.35	-0.44	11.30	-4.82	10.76	6.86	11.49	-4.08	11.02
Other	0.36	435.79	1.92	-5.85	1.81	2.96	1.86	-6.41	1.74
Resale	15.15	7.25	16.24	19.23	19.37	-12.30	16.99	6.60	18.11
TOTAL SALES (Millions)	\$776.22	11.09	\$862.34	10.05	\$949.01	9.00	\$1,034.39	9.58	\$1,133.47
<b>PROGRESS ENERGY FLORIDA</b>									
Residential	55.05 %	8.69	59.83 %	-3.17	57.94 %	-0.41	57.70 %	-1.47	56.85 %
Commercial	24.68	7.29	26.48	4.39	27.64	-0.26	27.57	1.18	27.89
Industrial	6.53	11.13	7.25	5.31	7.64	1.23	7.73	3.24	7.98
Other	5.83	10.40	6.44	5.36	6.78	3.16	7.00	3.88	7.27
Resale	7.92	3.43	8.19	6.34	8.71	15.51	10.06	-22.55	7.79
TOTAL SALES (Millions)	\$2,910.25	-4.17	\$2,788.92	10.51	\$3,082.11	11.48	\$3,435.80	19.99	\$4,122.55
<b>TAMPA ELECTRIC COMPANY</b>									
Residential	48.43 %	2.35	49.57 %	-1.05	49.05 %	0.21	49.15 %	-1.07	48.62 %
Commercial	29.52	0.66	29.72	1.72	30.23	0.20	30.29	1.08	30.61
Industrial	10.15	-2.10	9.94	-0.15	9.92	-5.70	9.36	-5.26	8.87
Other	7.54	6.98	8.07	3.20	8.32	-1.14	8.23	0.15	8.24
Resale	4.36	-37.79	2.71	-8.61	2.48	19.97	2.97	22.85	3.65
TOTAL SALES (Millions)	\$1,556.84	-0.55	\$1,548.22	8.02	\$1,672.32	1.96	\$1,705.16	15.39	\$1,967.62

SOURCE:

Form PSC/SCR - 4  
FERC Form 1



**TABLE 4**  
**USES OF REVENUE**  
**INVESTOR-OWNED ELECTRIC UTILITIES**  
**(PERCENTAGE OF TOTAL OPERATING REVENUE)**  
**2002-2006**

	2002	CHANGE (%) 2002-2003	2003	CHANGE (%) 2003-2004	2004	CHANGE (%) 2004-2005	2005	CHANGE (%) 2005-2006	2006
<b>FLORIDA POWER &amp; LIGHT</b>									
Fuel	28.71 %	29.85	37.28 %	-6.78	34.76 %	38.12	48.01 %	-12.08	42.21 %
Other Operation and Maintenance	32.69	-18.88	26.52	14.43	30.35	-38.32	18.72	61.98	30.32
Depreciation and Amortization	11.27	-16.15	9.45	-3.62	9.11	-4.24	8.72	-34.58	5.70
Taxes Other Than Income Taxes	9.36	-0.02	9.36	0.11	9.37	-2.85	9.10	-3.32	8.80
Income Taxes	5.75	8.99	6.27	-3.12	6.07	-8.48	5.56	-24.34	4.20
Interest	2.26	-8.27	2.07	-0.15	2.07	12.63	2.33	-2.89	2.26
Utility Net Operating Income Less Interest	9.96	-9.13	9.05	-8.48	8.29	-8.59	7.57	-14.10	6.51
TOTAL OPERATING REVENUE (Millions)	\$7,378.33	11.83	\$8,251.04	5.23	\$8,682.44	8.81	\$9,447.58	26.88	\$11,987.39
<b>GULF POWER COMPANY</b>									
Fuel	0.52 %	6,810.81	36.06 %	6.05	38.24 %	0.32	38.36 %	14.89	44.08 %
Other Operation and Maintenance	64.92	-54.12	29.78	3.37	30.79	4.40	32.14	-12.75	28.05
Depreciation and Amortization	9.61	-0.34	9.58	-7.85	8.83	-8.85	8.04	-5.95	7.57
Taxes Other Than Income Taxes	7.44	1.26	7.53	-3.41	7.28	-3.13	7.05	-5.95	6.63
Income Taxes	4.54	3.19	4.69	-13.46	4.06	-4.53	3.87	-7.86	3.57
Interest	4.90	-10.86	4.37	-14.15	3.75	-0.90	3.72	-1.46	3.67
Utility Net Operating Income Less Interest	8.06	-0.90	7.99	-11.62	7.06	-3.56	6.81	-5.28	6.45
TOTAL OPERATING REVENUE (Millions)	\$820.47	6.98	\$877.74	9.39	\$960.13	12.89	\$1,083.85	11.09	\$1,204.03
<b>PROGRESS ENERGY FLORIDA</b>									
Fuel	28.35 %	19.08	33.76 %	-3.89	32.45 %	15.73	37.56 %	-15.63	31.69 %
Other Operation and Maintenance	35.33	6.49	37.62	-10.18	33.79	16.16	39.25	-19.56	31.58
Depreciation and Amortization	9.51	-55.19	4.26	101.93	8.60	-52.21	4.11	282.37	15.72
Taxes Other Than Income Taxes	7.39	3.94	7.68	-6.15	7.21	-2.49	7.03	-3.53	6.78
Income Taxes	5.97	-8.35	5.47	6.54	5.83	-41.00	3.44	30.57	4.49
Interest	3.48	-16.71	2.90	11.52	3.23	-1.73	3.18	3.90	3.30
Utility Net Operating Income Less Interest	9.97	-16.69	8.31	6.96	8.89	-38.82	5.44	18.49	6.44
TOTAL OPERATING REVENUE (Millions)	\$3,082.73	1.88	\$3,140.83	12.28	\$3,526.63	12.40	\$3,964.00	15.03	\$4,559.91
<b>TAMPA ELECTRIC COMPANY</b>									
Fuel	22.92 %	29.66	29.72 %	19.87	35.63 %	19.75	42.66 %	-4.26	40.85 %
Other Operation and Maintenance	35.93	-7.40	33.27	-21.38	26.15	17.35	30.69	-10.15	27.58
Depreciation and Amortization	16.46	-28.84	11.71	4.86	12.28	-86.04	1.71	585.78	11.75
Taxes Other Than Income Taxes	7.03	0.46	7.06	0.12	7.07	-2.40	6.90	-0.16	6.89
Income Taxes	5.35	-8.02	4.92	-1.54	4.85	0.50	4.87	-67.15	1.60
Interest	3.22	65.22	5.33	5.21	5.60	-3.85	5.39	-0.56	5.36
Utility Net Operating Income Less Interest	9.09	-12.08	7.99	5.34	8.42	-7.69	7.77	-23.11	5.98
TOTAL OPERATING REVENUE (Millions)	\$1,598.30	-0.16	\$1,595.76	7.11	\$1,709.19	6.71	\$1,823.92	9.95	\$2,005.35

SOURCE: FERC Form 1

**TABLE 5**  
**PROPRIETARY CAPITAL AND LONG-TERM DEBT**  
**INVESTOR-OWNED ELECTRIC UTILITIES**  
**2006**

	FLORIDA POWER & LIGHT COMPANY	GULF POWER COMPANY	PROGRESS ENERGY FLORIDA	TAMPA ELECTRIC COMPANY
<b>PROPRIETARY CAPITAL (THOUSANDS)</b>				
Common Stock	\$1,373,069	\$38,060	\$354,405	\$119,697
Preferred Stock	0	55,000	33,497	0
Retained Earnings	1,847,976	171,968	1,588,449	171,341
Other Paid-In Capital	4,322,000	171,968	745,926	1,154,040
Other Adjustments	-3,742	250,913	-1,500	-437
<b>TOTAL PROPRIETARY CAPITAL</b>	<u>\$7,539,303</u>	<u>\$687,909</u>	<u>\$2,720,777</u>	<u>\$1,444,641</u>
<b>LONG-TERM DEBT (THOUSANDS)</b>				
Bonds	\$3,298,270	\$0	\$1,870,865	\$1,595,840
Other Long-Term Debt and/or Adjustments	915,445	696,098	685,592	-734
<b>TOTAL LONG-TERM DEBT</b>	<u>\$4,213,715</u>	<u>\$696,098</u>	<u>\$2,556,457</u>	<u>\$1,595,106</u>
<b>TOTAL PROPRIETARY CAPITAL AND LONG-TERM DEBT</b>	<u>\$11,753,018</u>	<u>\$1,384,008</u>	<u>\$5,277,235</u>	<u>\$3,039,747</u>
<b>PROPRIETARY CAPITAL</b>				
Common Stock	11.7 %	2.7 %	6.7 %	3.9 %
Preferred Stock	0.0	4.0	0.6	0.0
Retained Earnings	15.7	12.4	30.1	5.6
Other Paid-In Capital	36.8	12.4	14.1	38.0
Other Adjustments	0.0	18.1	0.0	0.0
<b>TOTAL PROPRIETARY CAPITAL</b>	<u>64.1 %</u>	<u>49.7 %</u>	<u>51.6 %</u>	<u>47.5 %</u>
<b>LONG-TERM DEBT</b>				
Bonds	28.1 %	0.0 %	35.5 %	52.5 %
Other Long-Term Debt and/or Adjustments	7.8	50.3	13.0	0.0
<b>TOTAL LONG-TERM DEBT</b>	<u>35.9 %</u>	<u>50.3 %</u>	<u>48.4 %</u>	<u>52.5 %</u>
<b>TOTAL PROPRIETARY CAPITAL AND LONG-TERM DEBT</b>	100.0 %	100.0 %	100.0 %	100.0 %

SOURCE: FERC Form 1

**TABLE 6**  
**FINANCIAL INTEGRITY INDICATORS**  
**INVESTOR-OWNED ELECTRIC UTILITIES**  
**2002-2006**

	2002	CHANGE (%) 2002-2003	2003	CHANGE (%) 2003-2004	2004	CHANGE (%) 2004-2005	2005	CHANGE (%) 2005-2006	2006
<b>TIMES INTEREST EARNED WITH AFUDC</b>									
Florida Power & Light Company	7.88 %	-3.05	7.64 %	-7.20	7.09 %	-15.80	5.97 %	-10.39	5.35 %
Gulf Power Company	3.52	9.66	3.86	1.81	3.93	0.76	3.96	-3.79	3.81
Progress Energy Florida	5.45	2.39	5.58	23.48	6.89	-31.35	4.73	18.82	5.62
Tampa Electric Company	5.22	-50.38	2.59	30.89	3.39	0.88	3.42	-12.57	2.99
<b>TIMES INTEREST EARNED WITHOUT AFUDC</b>									
Florida Power & Light Company	7.88 %	-4.31	7.54 %	-9.28	6.84 %	-15.20	5.80 %	-9.48	5.25 %
Gulf Power Company	3.42	12.28	3.84	0.52	3.86	1.55	3.92	-3.06	3.80
Progress Energy Florida	5.41	0.00	5.41	25.69	6.80	-32.79	4.57	19.91	5.48
Tampa Electric Company	4.65	-50.75	2.29	47.60	3.38	1.18	3.42	-13.45	2.96
<b>AFUDC AS A PERCENTAGE OF NET INCOME INTEREST COVERAGE RATIO</b>									
Florida Power & Light Company	0.00 %	-	2.20 %	165.00	5.83 %	-17.32	4.82 %	-27.59	3.49 %
Gulf Power Company	5.72	-77.10	1.31	164.12	3.46	-43.06	1.97	-69.04	0.61
Progress Energy Florida	1.60	283.13	6.13	-48.78	3.14	168.47	8.43	-20.52	6.70
Tampa Electric Company	17.97	37.73	24.75	-97.54	0.61	-100.00	0.00	0.00	2.49
<b>PERCENT INTERNALLY GENERATED FUNDS</b>									
Florida Power & Light Company	39.11 %	-0.54	38.90 %	181.13	109.36 %	-31.25	75.19 %	112.06	159.45 %
Gulf Power Company	29.92	258.99	107.41	-84.44	16.71	398.03	83.22	-61.68	31.89
Progress Energy Florida	67.80	-33.92	44.80	67.46	75.02	-37.30	47.04	146.75	116.07
Tampa Electric Company	50.85	51.33	76.95	152.49	194.29	-71.86	54.67	25.85	68.80

SOURCE: December Earnings Surveillance Reports, Schedule 5



**NET GENERATION**



**TABLE 7**  
**NET GENERATION BY TYPE OF OWNERSHIP\***  
**1992-2006**

YEAR	TOTAL FOR STATE (GWH)	INVESTOR-OWNED		OTHERS**	
		QUANTITY (GWH)	PERCENT OF TOTAL	QUANTITY (GWH)	PERCENT
1992	140,060	104,776	74.8	35,284	25.2
1993	149,388	112,251	75.1	37,137	24.9
1994	152,779	117,134	76.7	35,645	23.3
1995	159,156	121,496	76.3	37,660	23.7
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	-

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

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

SOURCES: 1992-1998 EIA-759

1992-1998 Form PSC/ECR - 2

1992-1998 A-Schedules

1999-2003, Regional Load and Resource Plan - State Supplement, FRCC

2004-2006 Table 8

**TABLE 8**  
**NET ENERGY FOR LOAD BY FUEL TYPE AND OTHER SOURCES\***  
**1992-2006**

YEAR	COAL		OIL		NATURAL GAS		NUCLEAR		HYDRO		SUBTOTAL	OTHER SOURCES		TOTAL
	GWH	PERCENT	GWH	PERCENT	GWH	PERCENT	GWH	PERCENT	GWH	PERCENT		NUG	OTHER**	
1992	58,836	42.0	38,733	27.7	17,744	12.7	24,693	17.6	54	0.0	140,060			
1993	61,000	40.8	44,870	30.0	18,064	12.1	25,403	17.0	51	0.0	149,388			
1994	62,511	40.9	43,553	28.5	20,420	13.4	26,216	17.2	80	0.1	152,779			
1995	65,714	41.3	32,185	20.2	33,483	21.0	27,726	17.4	47	0.0	159,156			
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

\*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: 1992-1998, EIA Form 759  
1992-1998, FPSC Form AFAD (RRR)-2  
1992-1998, A-Schedules  
1999-2006, Regional Load and Resource Plan - State Supplement, FRCC



**TABLE 9**  
**INTERCHANGE AND GENERATION BY FUEL TYPE**  
**(GIGAWATT-HOURS)**  
**2006-2016**

YEAR	NET ENERGY FOR LOAD	INTERCHANGE & OTHER*	NUCLEAR	COAL	OIL	NATURAL GAS	HYDRO	NUG**
2006 ***	244,063	27,268	31,429	70,859	16,164	92,821	13	5,509
2007	253,581	28,614	30,196	72,618	22,941	93,514	23	5,675
2008	262,556	26,821	32,688	71,955	20,512	104,391	23	6,166
2009	270,379	25,202	30,722	74,151	13,461	120,429	23	6,391
2010	277,495	23,211	32,459	72,485	12,731	129,597	23	6,989
2011	285,551	21,185	32,370	75,291	14,480	135,849	23	6,353
2012	293,757	22,969	33,809	79,790	16,533	134,018	23	6,615
2013	300,958	26,337	33,111	88,850	15,019	133,254	23	4,364
2014	308,857	25,855	34,093	97,563	12,550	135,062	23	3,711
2015	316,996	25,779	33,201	101,279	10,024	142,987	23	3,703
2016	325,566	21,437	38,973	102,567	12,250	146,423	23	3,893

\*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**  
**(% OF GIGAWATT-HOURS)**  
**2006-2016**

YEAR	NET ENERGY FOR LOAD	INTERCHANGE & OTHER*	NUCLEAR	COAL	OIL	NATURAL GAS	HYDRO	NUG**
2006 ***	100.0%	11.2%	12.9%	29.0%	6.6%	38.0%	0.0%	2.3%
2007	100.0%	11.3%	11.9%	28.6%	9.0%	36.9%	0.0%	2.2%
2008	100.0%	10.2%	12.4%	27.4%	7.8%	39.8%	0.0%	2.3%
2009	100.0%	9.3%	11.4%	27.4%	5.0%	44.5%	0.0%	2.4%
2010	100.0%	8.4%	11.7%	26.1%	4.6%	46.7%	0.0%	2.5%
2011	100.0%	7.4%	11.3%	26.4%	5.1%	47.6%	0.0%	2.2%
2012	100.0%	7.8%	11.5%	27.2%	5.6%	45.6%	0.0%	2.3%
2013	100.0%	8.8%	11.0%	29.5%	5.0%	44.3%	0.0%	1.5%
2014	100.0%	8.4%	11.0%	31.6%	4.1%	43.7%	0.0%	1.2%
2015	100.0%	8.1%	10.5%	31.9%	3.2%	45.1%	0.0%	1.2%
2016	100.0%	6.6%	12.0%	31.5%	3.8%	45.0%	0.0%	1.2%

\*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)**  
**1992-2006**

YEAR	HYDRO-ELECTRIC	CONVENTIONAL STEAM	NUCLEAR STEAM	COMBUSTION TURBINE	INTERNAL COMBUSTION	COMBINED CYCLE	OTHER	TOTAL*
1992	21	26,784	4,124	4,917	300	842		36,988
1993	21	27,316	4,124	5,587	339	652		38,039
1994	21	27,263	4,124	6,018	216	1,442		39,084
1995	20	27,107	4,124	5,999	262	1,442		38,954
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

\* 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: 1992-1999, EIA Form 759  
1992-1999, FPSC Form AFAD (RRR)-2  
2000-2006, Regional Load and Resource Plan, FRCC. See Table 14.

**TABLE 12**  
**INSTALLED NAMEPLATE CAPACITY/SUMMER NET CAPABILITY\***  
**BY TYPE OF OWNERSHIP**  
**(MEGAWATTS)**  
**1992-2006**

YEAR	TOTAL FOR STATE	INVESTOR-OWNED		MUNICIPALS, RURAL ELECTRIC COOPERATIVES, AND OTHER	
		QUANTITY	PERCENT OF TOTAL	QUANTITY	PERCENT OF TOTAL
1992	36,988	27,501	74.35	9,487	25.65
1993	38,039	28,420	74.71	9,618	25.29
1994	39,084	29,529	75.55	9,555	24.45
1995	38,954	29,231	75.04	9,723	24.96
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

\*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: 1992-1999, EIA Form 759  
1992-1999, FPSC Form AFAD (RRR)-2  
2000-2006, Regional Load and Resource Plan, FRCC

**TABLE 13**  
**INSTALLED WINTER NET CAPACITY AND SUMMER NET CAPABILITY BY UTILITY (MW)\***  
**2002-2006**

UTILITY	2006		2005		2004		2003		2002	
	WINTER NET	SUMMER NET	WINTER NET	SUMMER NET	WINTER NET	SUMMER NET	WINTER NET	SUMMER NET	WINTER NET	SUMMER NET
	CAPACITY	CAPABILITY	CAPACITY	CAPABILITY	CAPACITY	CAPABILITY	CAPACITY	CAPABILITY	CAPACITY	CAPABILITY
Florida Power & Light Company	22,279	20,983	22,099	20,777	20,158	18,940	18,625	17,033	18,263	16,725
Gulf Power Company*	2,024	1,986	2,824	2,796	2,077	2,049	2,247	1,958	2,247	1,958
Progress Energy Florida	9,778	8,710	9,760	8,842	9,184	8,341	9,695	8,032	9,179	8,032
Tampa Electric Company	4,326	4,012	4,383	4,071	4,423	4,090	5,107	4,411	4,310	3,726
Florida Keys Electric Co-op	21	21	21	21	27	27	25	24	25	24
Florida Municipal Power Agency	712	681	667	636	675	639				
Fort Pierce	119	119	119	119	119	119	142	136	142	136
Gainesville Regional Utilities	632	611	632	612	630	611	693	601	691	599
Homestead	53	53	53	53	53	53	58	53	58	53
JEA	3,628	3,377	3,552	3,387	3,477	3,255	3,677	3,314	3,677	3,314
Key West	44	44	52	52	52	52	101	88	101	88
Kissimmee	316	294	316	294	333	310	485	442	485	442
Lake Worth	102	94	102	94	105	95	146	134	146	134
Lakeland	981	905	995	913	995	913	1,262	1,120	1,262	1,120
Ocala	11	11	11	11	11	11				
New Smyrna Beach	70	66	70	66	66	62	66	62	66	62
Orlando	1,257	1,199	1,257	1,199	1,257	1,199	1,302	1,204	1,302	1,204
Reedy Creek	61	60	44	43	44	43	44	34	44	34
Seminole	2,158	2,089	1,886	1,819	1,917	1,819	2,016	1,804	2,016	1,804
St. Cloud	0	0	21	21	21	21				
Starke City of**										
Tallahassee	795	744	795	744	699	652	717	662	717	662
USCE-Mobile District	44	44	44	44	39	39	30	39	30	39
Vero Beach	155	150	155	150	158	150	158	150	158	150
Alabama Electric Co-op*	0	0	10	7	11	8	11	8	11	8
Total Utility	49,566	46,253	49,868	46,771	46,531	43,498	46,607	41,309	44,930	40,314
Total Nonutility	5,297	4,948	4,445	4,683	2,565	2,494	8,776	7,541	7,874	6,740
<b>Total State of Florida</b>	<b>54,863</b>	<b>51,201</b>	<b>54,313</b>	<b>51,454</b>	<b>49,096</b>	<b>45,992</b>	<b>55,383</b>	<b>49,366</b>	<b>52,804</b>	<b>47,054</b>

\*Excludes generation physically outside Florida regardless of whether 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\***  
**2006**

COMPANY NAME	HYDRO-ELECTRIC	CONVENTIONAL STEAM	NUCLEAR STEAM	COMBUSTION TURBINE	INTERNAL COMBUSTION	COMBINED CYCLE**	OTHER	UTILITY TOTAL
Florida Power & Light Company		7,042	2,940	8,402	12	3,085		21,481
Gulf Power Company		1,106		1,167		556		2,829
Progress Energy Florida		662	778	5,138		1,659		8,237
Tampa Electric Company		1,643		2,924	40	663		5,270
Florida Keys Electric Co-op					21			21
Florida Municipal Power Agency		244	74	534		74		926
Fort Pierce		82		23	6	8		119
Gainesville Regional Utilities		335	11	227	1	37		611
Homestead					53			53
JEA		2,312		563	1	501		3,377
Key West				20	24			44
Kissimmee		21	6	89		178		294
Lakeland		391		315	55	144		905
Lake Worth		29		46	10	9		94
New Smyrna Beach			4	44	18			66
Ocala			11					11
Orlando		754	64	381				1,199
Reedy Creek					5	55		60
Seminole		1,316	15	584		174		2,089
St. Cloud								0
Tallahassee	11	352		148		233		744
US Corps of Engineers	44							44
Vero Beach		102		35		13		150
Alabama Co-op	312	344		452		557		1,665
Total State of Florida Utility	<u>367</u>	<u>16,735</u>	<u>3,903</u>	<u>21,092</u>	<u>246</u>	<u>7,946</u>	<u>0</u>	50,288
Total Nonutility Generators***								<u>1,989</u>
<b>Total State of Florida</b>								<b><u>52,277</u></b>

\*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  
2006**

UTILITY	LOCATION	COMMERCIAL	MAXIMUM	NET CAPABILITY	
		IN-SERVICE	NAMEPLATE	SUMMER	WINTER
		MONTH/YEAR	KW	MW	MW
FLORIDA POWER & LIGHT					
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	777	790
St. Lucie #2	St. Lucie County	Jun 1983	892,000	777*	790*
PROGRESS ENERGY FLORIDA					
Crystal River #3	Citrus County	Mar 1977	898,000	778**	798**

\*14.9% of plant capability is owned by the Orlando Utilities Commission and the Florida Municipal Power Agency, # represents FP&L'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)**  
**2006**

UTILITIES	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	JUL	DEC	YEARLY PEAK
<b>INVESTOR-OWNED SYSTEMS</b>													
Florida Power & Light Company	14,800	19,683	16,946	18,795	19,321	21,123	21,493	21,819	20,580	19,440	17,260	15,798	21,819
Florida Public Utilities Company	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
Gulf Power Company	1,860	2,072	1,566	1,984	2,280	2,475	2,483	2,469	2,261	2,179	1,806	2,195	2,483
Progress Energy Florida	7,869	10,094	6,440	7,835	8,381	9,348	9,461	9,689	8,793	8,285	6,414	6,792	10,094
Tampa Electric Company	3,041	3,736	2,787	3,433	3,628	3,824	3,919	4,010	3,714	3,540	2,978	2,679	4,010
<b>GENERATING MUNICIPAL SYSTEMS</b>													
Fort Pierce	88	113	91	88	107	114	119	120	117	107	98	85	120
Gainesville	340	386	273	387	404	432	443	464	425	371	291	321	464
Homestead	61	65	69	74	78	80	82	84	82	79	76	68	84
JEA	2,571	2,919	2,024	2,264	2,572	2,637	2,776	2,835	2,636	2,289	2,167	2,334	2,919
Key West	103	109	119	124	132	133	136	134	130	127	108	110	136
Kissimmee	211	277	208	269	285	296	312	317	289	274	197	206	317
Lake Worth	66	76	76	81	82	93	92	92	87	83	79	72	93
Lakeland	522	680	434	541	559	594	613	628	580	537	474	434	680
New Smyrna Beach	74	94	57	68	81	81	87	88	79	76	62	58	94
Orlando	833	1,030	905	980	1,008	1,066	1,271	1,135	1,058	1,028	814	81	1,271
Reedy Creek	155	160	168	178	178	185	190	188	181	181	163	168	190
Starke	14	16	11	14	15	16	16	17	16	14	11	12	17
Tallahassee	465	537	406	502	524	572	577	576	539	473	406	528	577
Vero Beach	130	172	127	144	140	150	153	154	151	139	127	119	172
<b>NONGENERATING MUNICIPAL SYSTEMS</b>													
Alachua	20	22	17	19	20	23	23	23	22	19	16	17	23
Bartow	56	70	46	56	57	60	60	63	57	55	50	42	70
Blountstown	6	7	5	7	7	9	10	10	10	8	5	7	10
Bushnell	5	7	3	5	5	5	5	5	5	5	3	4	7
Chattahoochee	6	7	7	6	7	7	8	9	9	9	7	6	9
Clewiston	20	24	17	25	21	24	25	26	23	23	21	25	26
Fort Meade	0	0	0	0	0	0	0	0	0	0	0	0	0
Green Cove Springs	26	29	16	21	23	25	26	26	23	21	16	16	29
Havana	5	5	3	5	5	6	6	6	4	4	3	3	6

SOURCE: Form PSC/SCR - 1, 3

**TABLE 16 (continued)**  
**MONTHLY PEAK DEMAND**  
**(MEGAWATTS)**  
**2006**

UTILITIES	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEARLY PEAK
<b>NONGENERATING MUNICIPAL SYSTEMS</b>													
Jacksonville Beach	157	193	113	131	150	159	167	177	163	138	127	137	193
Leesburg	89	81	77	97	102	109	111	114	104	97	77	76	114
Moore Haven	3	4	2	4	3	4	4	4	4	4	3	3	4
Mount Dora	17	21	15	20	21	22	24	24	24	20	15	15	24
Newberry	7	7	4	6	6	6	6	7	3	5	4	4	7
Ocala	274	310	209	274	309	307	313	323	299	279	208	225	323
Quincy	27	27	29	24	26	26	32	34	32	32	28	25	34
Wauchula	11	14	10	12	13	14	14	13	13	12	9	8	14
Williston	6	6	7	5	6	7	7	8	8	7	6	5	8
Winter Park	70	93	71	85	88	93	96	98	92	88	66	64	98
<b>RURAL ELECTRIC COOPERATIVES</b>													
Alabama Electric	0	0	0	0	0	0	0	0	0	0	0	0	0
Central Florida	120	129	99	94	105	107	116	106	102	91	83	108	129
Choctawhatchee	149	169	122	129	162	176	180	178	161	143	140	178	180
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	38	42	33	33	38	41	40	414	38	37	39	47	414
Florida Keys	97	108	113	116	128	129	133	130	121	112	97	110	133
Glades	61	83	54	73	65	67	64	68	63	61	51	47	83
Gulf Coast	78	88	65	57	68	74	74	77	69	66	71	89	89
Lee County	587	868	451	631	680	709	711	748	714	687	517	455	868
Peace River	99	135	78	102	110	122	121	128	121	116	81	81	135
Seminole	3,396	4,251	2,648	3,033	3,366	3,490	3,567	3,658	3,397	3,163	2,646	2,892	4,251
Sumter	522	648	385	514	541	559	576	602	549	548	435	440	648
Suwanee Valley	87	94	65	70	73	85	89	84	83	76	67	82	94
Talquin	228	260	201	180	201	217	195	219	196	150	176	247	260
Tri-County	59	64	47	51	4,849	59	62	61	59	52	49	61	4,849
West Florida	96	106	81	72	84	76	94	95	84	70	79	107	107
Withlacoochee River	856	1,048	630	631	714	787	790	824	735	710	576	658	1,048
Okefenoke	17	20	15	14	18	18	19	19	17	15	14	18	20

N/A = Not applicable

SOURCE: Form PSC/SCR - 1, 3

**TABLE 17**  
**ANNUAL PEAK DEMAND**  
**SELECTED UTILITIES**  
**(MEGAWATTS)**  
**1992-2006**

UTILITY COMPANY	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Florida Power & Light	14,661	15,266	15,179	16,563	18,096	16,613	17,897	17,615	17,808	18,754	19,219	20,190	20,545	22,361	21,819
Gulf Power Company	NR	NR	NR	2,048	2,144	2,040	2,154	2,169	2,281	2,223	2,454	2,500	2,431	2,435	2,483
Progress Energy Florida	6,982	6,959	6,955	7,722	8,807	8,066	8,004	8,318	8,548	8,922	9,045	10,131	9,125	10,226	10,094
Tampa Electric Company	2,815	2,892	2,754	3,170	3,351	3,118	3,266	3,372	3,504	3,782	3,634	3,881	3,737	3,968	4,010
Fort Pierce	102	104	102	128	126	118	116	121	119	120	130	132	124	131	120
Gainesville	320	339	331	361	365	373	396	419	425	409	409	417	432	465	464
JEA	1,881	1,998	1,973	2,190	2,401	2,130	2,338	2,427	2,614	2,665	2,607	3,055	2,657	2,860	2,919
Lake Worth	66	70	69	87	82	74	82	NR	85	88	86	90	93	0	93
Lakeland	444	457	485	538	610	552	535	649	610	655	659	694	580	648	680
Orlando	763	760	749	800	885	846	907	NR	1,058	962	986	1,019	1,203	1,141	1,271
Tallahassee	428	476	338	497	533	486	530	NR	569	521	580	590	565	598	577
Vero Beach	122	125	113	156	174	155	146	151	175	176	178	203	169	174	172

NR = Not reported

SOURCES: Form PSC/SCR - 1, 3

**TABLE 18**  
**SUMMER AND WINTER PEAK DEMAND - PROJECTED\***  
**2007-2016**

YEAR	SUMMER PEAK (MW)	YEAR	WINTER PEAK (MW)
2007	49,749	2007-2008	52,319
2008	50,947	2008-2009	53,575
2009	52,241	2009-2010	54,543
2010	53,271	2010-2011	55,715
2011	54,505	2011-2012	56,876
2012	55,612	2012-2013	58,070
2013	56,773	2013-2014	59,299
2014	57,933	2014-2015	60,682
2015	59,289	2015-2016	62,144
2016	60,637	2016-2017	63,677

\*Net Firm Peak Demand

SOURCE: Regional Load and Resource Plan - State Supplement, FRCC

**TABLE 19**  
**LOAD FACTORS BY GENERATING UTILITIES**  
**2006**

GENERATING UTILITIES	NET ENERGY FOR LOAD (GIGAWATT-HOURS)	PEAK LOAD (MEGAWATTS)	LOAD FACTOR (PERCENTAGE)
Florida Power & Light	113,137	21,819	59.2
Gulf Power Company	12,551	2,483	57.7
Progress Energy Florida	45,876	10,094	51.9
Tampa Electric Company	20,061	4,010	57.1
Florida Keys Electric	695	133	59.9
Fort Pierce	566	120	53.9
Gainesville	2,023	464	49.8
Homestead	454	84	61.7
JEA	14,664	2,919	57.3
Key West	460	136	38.6
Kissimmee	1,441	317	51.9
Lake Worth	460	93	56.7
Lakeland	2,766	680	46.4
New Smyrna Beach	400	94	48.7
Orlando	5,647	1,271	50.7
Reedy Creek	1,289	190	77.3
Seminole Electric	17,355	4,251	46.6
Starke	79	17	53.2
Tallahassee	2,868	577	56.8
Vero Beach	776	172	51.5

SOURCE: Form PSC/SCR - 1, 3 and Table 16.

## **FUEL ANALYSIS**





**TABLE 20  
FUEL REQUIREMENTS  
1992-2006**

YEAR	COAL (THOUSANDS OF SHORT TONS)	OIL* (THOUSANDS OF BARRELS)	NATURAL GAS (BILLION CUBIC FEET)	NUCLEAR (U-235) (TRILLION BTU)
1992	28,953.9	55,773.2	173.8	300.6
1993	30,238.8	53,428.2	181.3	285.6
1994	30,912.1	34,944.9	321.9	300.6
1995	32,082.9	38,138.8	285.4	265.8
1996	34,991.5	30,226.9	299.8	241.9
1997	34,936.3	61,669.2	283.6	326.0
1998	33,654.0	56,294.0	329.6	334.0
1999	34,601.0	53,510.0	324.0	349.0
2000	30,786.0	58,389.0	324.4	339.0
2001	30,977.0	44,573.0	462.9	362.0
2002	30,228.0	47,835.0	470.1	671.0
2003	29,780.0	44,969.0	529.0	336.0
2004	30,639.0	43,559.0	575.0	321.0
2005	30,356.0	45,314.0	576.0	309.0
2006	31,234.0	25,706.0	679.0	339.0

\*Residual and distillate

SOURCES: 1992-1998, EIA Form 759  
1992-1998, FPSC Form AFAD (RRR)-2  
1992-1998, FCG Form 7.3  
1992-1998, A-Schedules  
1999-2006, Regional Load and Resource Plan, State Supplement, FRCC

**TABLE 21**  
**FUEL REQUIREMENTS - PROJECTED**  
**2006-2016**

YEARS	COAL (THOUSANDS OF SHORT TONS)	OIL (THOUSANDS OF BARRELS)	NATURAL GAS (BILLIONS OF CUBIC FEET)	NUCLEAR (U-235) (TRILLION BTU)
2006 *	31,234	25,706	679	339
2007	31,546	34,947	682	330
2008	31,018	30,909	752	357
2009	31,924	20,175	867	337
2010	31,880	19,226	921	351
2011	33,334	22,104	965	351
2012	34,877	25,138	969	367
2013	38,298	23,122	971	358
2014	41,639	20,083	990	369
2015	43,121	16,487	1,047	359
2016	43,599	19,598	1,068	420

\*Actual figures

SOURCE: Regional Load and Resource Plan - State Supplement, FRCC

## **CONSUMPTION**



**TABLE 22**  
**MONTHLY CONSUMPTION BY CLASS OF SERVICE**  
**(MEGAWATT-HOURS)**  
**2006**

		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
<b>Residential</b>														
	Florida Power & Light	4,154,740	3,662,362	3,556,452	3,819,200	4,421,975	5,205,315	5,542,797	5,644,434	5,487,448	5,042,901	4,106,098	3,926,764	54,570,486
	Florida Public Utilities	31,241	26,830	25,087	22,434	23,976	30,773	39,291	36,186	37,955	27,966	21,374	26,819	349,931
	Gulf Power Company	392,358	367,002	321,321	361,111	459,855	603,729	635,288	628,837	506,531	391,057	339,302	419,100	5,425,491
	Progress Energy Florida	1,573,330	1,424,753	1,313,001	1,295,781	1,562,469	1,886,875	1,957,365	2,319,789	2,091,769	1,714,431	1,480,520	1,400,635	20,020,718
	Tampa Electric Company	684,312	609,556	550,235	585,668	702,467	850,001	923,011	918,063	892,194	786,700	597,206	621,454	8,720,867
	JEA	505,645	403,263	439,407	338,876	424,936	548,650	544,798	644,332	578,132	452,927	331,639	383,157	5,595,762
	Orlando Utilities Commission	180,484	168,664	155,573	163,569	193,951	232,041	242,161	264,398	266,409	212,266	169,013	154,200	2,402,729
<b>Commercial</b>														
	Florida Power & Light	3,503,156	3,223,838	3,266,775	3,425,165	3,643,835	3,940,806	4,068,748	4,061,819	4,098,954	3,944,288	3,681,313	3,628,586	44,487,283
	Florida Public Utilities	25,399	23,037	23,770	24,670	26,439	29,244	33,458	31,655	33,921	29,641	24,331	25,500	331,066
	Gulf Power Company	248,145	265,957	271,002	301,241	359,621	377,762	376,733	405,065	349,552	315,120	298,167	274,699	3,843,064
	Progress Energy Florida	863,605	824,007	862,372	895,616	1,002,663	1,111,423	1,099,907	1,214,617	1,166,195	1,025,594	986,103	922,924	11,975,026
	Tampa Electric Company	480,783	453,017	459,820	490,809	534,308	576,867	600,328	588,897	598,640	565,458	501,929	505,972	6,356,828
	JEA	312,647	273,688	313,603	280,708	338,857	390,523	361,278	426,919	399,202	371,212	294,409	290,183	4,053,229
	Orlando Utilities Commission	211,314	224,451	221,263	233,282	266,545	265,614	283,137	299,353	304,998	263,579	243,279	226,091	3,042,906
<b>Industrial</b>														
	Florida Power & Light	473,869	351,422	316,266	325,978	330,836	376,497	342,354	341,340	329,693	341,825	345,864	316,775	4,192,719
	Florida Public Utilities	11,820	20,050	15,010	12,550	15,200	12,780	13,940	13,850	11,860	11,700	9,620	11,400	159,780
	Gulf Power Company	154,825	154,900	164,142	181,075	200,268	199,189	199,497	214,426	183,314	168,954	169,260	146,589	2,136,439
	Progress Energy Florida	344,867	315,521	345,666	350,580	368,381	380,544	332,624	361,976	372,403	325,835	332,132	329,493	4,160,022
	Tampa Electric Company	181,381	144,917	187,054	192,208	204,170	189,936	197,970	200,503	200,933	201,527	178,548	200,216	2,279,363
	JEA	136,795	266,925	229,183	218,356	274,264	220,792	284,535	263,792	268,008	251,690	224,649	227,195	2,866,184
	Orlando Utilities Commission	30,609	27,234	29,684	29,673	36,483	33,813	33,440	40,211	35,689	32,953	29,938	29,269	388,996
<b>Other</b>														
	Florida Power & Light	50,120	46,060	51,512	46,364	48,678	38,120	55,229	36,522	41,044	54,340	47,362	49,474	564,825
	Florida Public Utilities	656	650	657	653	654	673	673	660	672	661	671	661	7,941
	Gulf Power Company	32,236	31,405	30,275	31,766	36,075	40,812	43,296	45,115	36,463	32,834	31,331	33,780	425,388
	Progress Energy Florida	238,406	243,021	239,085	252,830	273,711	279,882	283,383	301,096	320,440	295,292	285,650	263,274	3,276,070
	Tampa Electric Company	123,176	122,664	124,276	130,213	140,588	144,890	146,015	148,686	161,887	149,832	137,386	138,393	1,668,006
	JEA	62,748	55,350	57,331	53,311	64,383	92,015	79,121	80,123	71,940	25,588	65,280	91,392	798,582
	Orlando Utilities Commission	10,865	11,780	11,327	12,580	13,061	13,756	13,530	14,220	18,846	13,197	12,956	12,320	158,438
<b>Total</b>														
	Florida Power & Light	8,181,885	7,283,682	7,191,005	7,616,707	8,445,324	9,560,738	10,009,128	10,084,115	9,957,139	9,383,354	8,180,637	7,921,599	103,815,313
	Florida Public Utilities	69,116	70,566	64,524	60,307	66,269	73,470	87,362	82,351	84,408	69,968	55,996	64,380	848,718
	Gulf Power Company	827,564	819,264	786,740	875,193	1,055,819	1,221,492	1,254,814	1,293,443	1,075,860	907,965	838,060	874,168	11,830,382
	Progress Energy Florida	3,020,208	2,807,302	2,760,124	2,794,807	3,207,224	3,658,724	3,673,279	4,197,478	3,950,807	3,361,152	3,084,405	2,916,326	39,431,836
	Tampa Electric Company	1,469,652	1,330,154	1,321,385	1,398,898	1,581,533	1,761,694	1,867,324	1,856,149	1,853,654	1,703,517	1,415,069	1,466,035	19,025,064
	JEA	1,017,835	999,226	1,039,524	891,251	1,102,440	1,251,980	1,269,732	1,415,166	1,317,282	1,101,417	915,977	991,927	13,313,757
	Orlando Utilities Commission	433,272	432,129	417,846	439,105	510,041	545,224	572,268	618,181	625,942	521,995	455,185	421,880	5,993,068

SOURCE: Form PSC/SCR - 4

**TABLE 23**  
**CONSUMPTION BY CLASS OF SERVICE BY UTILITY**  
**(MEGAWATT-HOURS)**  
**2006**

UTILITIES	RESIDENTIAL	COMMERCIAL	INDUSTRIAL	OTHER	TOTAL
Florida Power & Light	54,570,486	44,487,283	4,192,719	564,825	103,815,313
Florida Public Utilities	349,931	331,066	159,780	7,941	848,718
Gulf Power Company	5,425,491	3,843,064	2,136,439	425,388	11,830,382
Progress Energy Florida	20,020,718	11,975,026	4,160,022	3,276,070	39,431,836
Tampa Electric Company	8,720,867	6,356,828	2,279,363	1,668,006	19,025,064
Alachua	38,804	63,868	147	0	102,819
Bartow	134,573	37,596	100,120	10,792	283,081
Blountstown	12,167	30,785	0	1,785	44,737
Bushnell	8,963	8,014	7,380	0	24,356
Central Florida Co-op	369,373	41,059	27,522	64,040	501,995
Chattahoochee	13,057	4,325	23,400	1,548	42,330
Choctawhatchee Co-op	519,802	101,645	100,211	0	721,659
Clay Co-op	2,226,978	260,626	675,512	5,541	3,168,658
Clewiston	52,907	36,736	23,105	742	113,490
Escambia River Co-op	133,870	14,199	22,413	538	171,020
Florida Keys Co-op	367,448	99,920	157,759	38,070	663,196
Fort Meade	31,001	10,192	2	0	41,195
Fort Pierce	246,317	135,192	195,619	11,468	588,596
Gainesville	877,223	201,365	745,282	25,498	1,849,368
Glades Co-op	156,320	35,333	75,625	88,199	355,476
Green Cove Springs	44,553	10,873	55,197	2,996	113,619
Gulf Coast Co-op	271,972	33,742	15,879	12,293	333,886
Havana	13,115	10,243	0	613	23,971
Homestead	230,715	37,122	122,619	23,142	413,599
JEA	5,595,762	4,053,229	2,866,184	798,582	13,313,757
Jacksonville Beach	455,067	113,795	173,704	14,182	756,748
Key West	326,436	71,140	305,837	4,371	707,785
Kissimmee	717,874	172,494	455,082	12,957	1,358,407
Lake Worth	249,458	85,797	67,138	19,994	422,386
Lakeland	1,437,893	244,425	1,092,515	108,379	2,883,213
Lee County Co-op	2,378,647	170,970	925,042	21,799	3,496,457
Leesburg	226,475	53,224	244,364	0	524,063
Moore Haven	11,137	1,520	5,570	291	18,519
Mount Dora	52,494	17,163	22,012	5,930	97,598
New Smyrna Beach	242,739	55,395	78,265	3,082	379,481
Newberry	13,954	2,073	5,342	6,108	27,476
Ocala	551,567	152,613	648,869	27,280	1,380,330
Okefenoke*	152,806	7,488	4,342	3,314	167,949
Orlando	2,402,729	296,777	388,996	158,438	3,246,939
Peace River Co-op	373,640	75,023	95,420	18,393	562,475
Quincy	44,799	35,846	50,396	14,554	145,595
Reedy Creek	140	10,255	1,156,889	5,577	1,172,862
Seminole Co-op**	-	-	-	-	-
Starke	25,018	43,014	0	0	68,032
Sumter Co-op	1,846,047	196,791	526,752	1,319	2,570,909
Suwannee Valley Co-op	314,116	31,292	136,884	290	482,582
Tallahassee	1,097,486	210,996	661,049	744,370	2,713,901
Talquin Co-op	740,168	7,615	299,524	17,917	1,065,224
Tri-County Co-op	170,306	24,287	82,220	1,555	278,368
Vero Beach	373,341	87,845	256,214	14,641	732,041
Wauchula	27,715	18,948	14,397	3,406	64,467
West Florida Co-op	332,718	32,324	650	23,812	389,504
Williston	11,729	7,208	12,351	1,046	32,333
Winter Park	664,531	10,062	569,472	78,903	1,322,967
Withlacoochee Co-op	2,572,549	775,556	206,250	16,461	3,570,816
Respondent Total***	118,245,990	75,231,267	26,627,845	8,356,444	228,461,546
FRCC State Total					225,191,000

\*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 PSC/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)**  
**2006**

UTILITIES	RESIDENTIAL	COMMERCIAL	INDUSTRIAL	OTHER	TOTAL
Florida Power & Light	13,970	92,901	197,660	175,662	23,543
Florida Public Utilities	14,913	80,134	79,890,000	22,924	30,372
Gulf Power Company	15,032	71,862	7,260,625	880,872	28,494
Progress Energy Florida	13,983	73,568	1,542,510	141,455	24,335
Tampa Electric Company	15,164	90,547	1,535,269	241,550	29,103
Alachua	13,096	90,337	1,360	0	27,215
Bartow	13,723	30,791	287,702	78,771	24,590
Blountstown	11,917	104,002	N/A	61,552	33,237
Bushnell	11,610	36,098	738,014	0	23,131
Central Florida Co-op	12,454	20,029	382,255	118,156	15,530
Chattahoochee	12,169	32,768	5,850,124	24,960	33,305
Choctawhatchee Co-op	14,901	18,180	586,031	N/A	17,755
Clay Co-op	15,348	16,689	925,359	8,823	19,551
Clewiston	15,251	66,430	233,384	30,917	27,380
Escambia River Co-op	15,599	14,868	135,017	19,208	17,575
Florida Keys Co-op	14,287	22,303	365,182	126,900	21,441
Fort Meade	13,299	41,942	1,054	0	15,652
Fort Pierce	11,124	51,699	106,199	N/A	22,128
Gainesville	11,047	23,830	656,636	8,162	20,077
Glades Co-op	12,992	10,041	136,506	11,024,860	22,061
Green Cove Springs	14,298	21,362	492,827	332,867	30,331
Gulf Coast Co-op	14,473	32,507	2,646,468	33,864	16,530
Havana	11,999	41,138	N/A	26,653	17,561
Homestead	13,072	19,756	309,644	300,552	20,678
Jacksonville	15,348	102,075	12,654,234	176,697	32,547
JEA	17,327	20,306	529,586	130,106	23,426
Key West	13,579	23,195	451,754	2,495	23,964
Kissimmee	14,183	22,941	575,324	N/A	23,054
Lake Worth	10,995	28,628	729,763	124,183	16,284
Lakeland	14,571	23,083	821,440	10,803	23,901
Lee County Co-op	13,795	12,684	297,824	106,856	18,478
Leesburg	12,916	18,695	532,383	0	25,146
Moore Haven	12,333	16,349	309,461	9,395	17,721
Mount Dora	11,591	23,478	423,302	74,122	18,100
New Smyrna Beach	11,315	30,188	692,612	17,410	16,095
Newberry	12,316	13,640	144,367	75,402	19,584
Ocala	13,180	21,589	535,813	24,120	26,928
Okefenoke*	16,896	18,174	4,342,400	55,225	17,647
Orlando	13,811	12,876	19,449,785	14,552	15,616
Peace River Co-op	14,574	12,390	474,724	360,640	17,608
Quincy	11,225	44,695	3,599,726	141,302	29,653
Reedy Creek	15,556	30,074	1,387,157	101,403	946,619
Seminole Co-op*	-	-	-	-	-
Starke	12,300	61,274	0	0	24,866
Sumter Co-op	13,336	13,422	665,932	47,115	16,704
Suwannee Valley Co-op	14,392	18,214	2,582,717	3,541	20,381
Tallahassee	11,927	18,150	286,416	161,820	24,549
Talquin Co-op	15,189	2,284	74,881,110	21,930	20,142
Tri-County Co-op	10,942	15,489	685,168	14,134	16,033
Vero Beach	13,450	18,770	383,554	45,328	21,898
Wauchula	13,428	40,314	1,308,856	69,519	24,852
West Florida Co-op	13,593	751,713	271	44,260	14,184
Williston	10,528	26,696	280,693	13,070	21,441
Winter Park	3,803	505	11,863,990	224,795	6,782
Withlacoochee Co-op	14,723	38,906	4,296,875	46,896	18,306
Respondent Average	14,184	74,825	535,674	109,613	24,130

N/A=Not Applicable

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

\*\*Seminole Electric Cooperative generates only for resale.

SOURCES: Tables 23 and 33 (from Form PSC/SCR - 1,4)

**TABLE 25**  
**SALE FOR RESALE ACTIVITY BY SELECTED UTILITY**  
**(MEGAWATT-HOURS)**  
**2006**

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	3,870,001	103,658,564	107,528,565	322,500	3.60
Florida Public Utilities	0	848,718	848,718	0	0.00
Gulf Power Company	5,016,901	11,830,382	16,847,283	418,075	29.78
Progress Energy Florida	4,532,942	39,431,836	43,964,778	377,745	10.31
Tampa Electric Company	862,133	19,025,064	19,887,197	71,844	4.34
Alabama Electric Cooperative*	1,720,566	0	1,720,566	143,380	100.00
Gainesville	173,756	1,849,368	2,023,124	14,480	8.59
JEA	726,702	13,313,757	14,040,459	60,559	5.18
Lake Worth	30,107	422,386	452,494	2,509	6.65
Lakeland	620,663	2,883,213	3,503,876	51,722	17.71
New Smyrna Beach	247	379,481	27,476	21	0.90
Orlando	2,273,829	5,993,068	8,266,898	189,486	27.51
Reedy Creek	31,171	1,172,862	1,204,033	2,598	2.59
Seminole Electric Cooperative**	0	0	17,355,000	0	100.00 **
Suwannee Valley Co-op	7,075	482,582	489,656	590	1.44
Tallahassee	39,607	2,713,901	2,753,508	3,301	1.44
Talquin Electric Cooperative	0	1,065,224	1,065,224	0	0.00

\*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 PSC/SCR - 1, 4



**TABLE 26  
CONSUMPTION BY UTILITY  
(MEGAWATT-HOURS)  
2002-2006**

UTILITIES	2002	2003	2004	2005	2006
Florida Power & Light	95,598,398	99,635,281	99,199,989	102,413,604	103,815,313
Florida Public Utilities	743,639	723,030	766,682	824,643	848,718
Gulf Power Company	10,771,897	11,248,860	11,418,120	11,641,664	11,830,382
Progress Energy Florida	36,859,350	37,956,700	38,193,102	39,176,585	39,431,836
Tampa Electric Company	17,925,145	18,242,316	18,436,669	18,911,837	19,025,064
Alachua	NR	91,030	79,548	97,801	102,819
Bartow	303,428	272,367	264,077	275,035	283,081
Blountstown	39,641	37,750	38,130	37,811	44,737
Bushnell	NR	NR	25,114	25,660	24,356
Central Florida	441,371	451,892	472,524	490,826	501,995
Chattahoochee	45,919	44,878	44,681	43,771	42,330
Choctawhatchee	601,555	614,875	653,936,102	686,166	721,659
Clay	2,782,347	2,873,635	2,951,814	3,079,308	3,168,658
Clewiston	125,658	129,711	129,711	116,373	113,490
Escambia River	163,252	160,973	160,518	165,253	171,020
Florida Keys	679,368	698,553	671,672	675,828	663,196
Fort Meade	40,402	NR	40,579	41,665	41,195
Fort Pierce	590,432	611,380	587,590	599,720	588,596
Gainesville	1,695,692	1,785,967	1,829,927	1,854	1,849,368
Glades	321,580	347,050	338,680	340,932	355,476
Green Cove Springs	101,810	104,191	109,760	116,547	113,619
Gulf Coast	293,436	295,100	310,208	321,089	333,886
Havana	NR	23,337	23,328	22,855	23,971
Homestead	342,173	354,779	356,608	375,636	413,599
JEA	12,300,820	12,582,876	12,770,230	13,236,849	13,313,757
Jacksonville Beach	718,739	752,881	747,416	761,697	756,748
Key West	722,494	NR	727,744	717,588	707,785
Kissimmee	1,153,882	1,218,620	1,249,361	1,322,340	1,358,407
Lake Worth	391,483	424,852	439,259	512,602	422,386
Lakeland	2,702,406	2,736,686	2,720,052	2,808,851	2,883,213
Lee County	2,909,141	3,116,182	3,153,920	3,334,418	3,496,457
Leesburg	477,273	485,593	497,483	514,179	524,063
Moore Haven	17,748	18,032	18,958	18,620	18,519
Mount Dora	93,994	91,344	92,505	96,291	97,598
New Smyrna Beach	356,287	363,693	364,640	31,299	379,481
Newberry	25,126	25,602	26,829	26,418	27,476
Ocala	1,239,535	1,275,044	1,300,762	1,330,623	1,380,330
Okefenokee*	152,773	151,790	156,278	164,677	167,949
Orlando Utilities	7,195,409	7,567,400	3,031,113	3,173,477	3,246,939
Peace River	448,461	484,296	503,271	535,469	562,475
Quincy	155,571	NR	154,008	157,039	145,595
Reedy Creek	1,124,053	1,124,269	1,148,878	1,194,607	1,172,862
Starke	68,797	69,409	69,777	69,477	68,032
Sumter	1,940,004	2,099,972	2,234,569	2,425,467	2,570,909
Suwannee Valley	342,209	386,251	458,793	481,042	482,582
Tallahassee	2,587,945	2,601,510	2,681,611	2,723,848	2,713,901
Talquin	925,238	935,119	979,847	1,018,333	1,065,224
Tri-County	226,815	227,370	249,960	265,599	278,368
Vero Beach	694,135	734,368	708,018	737,381	732,041
Wauchula	NR	NR	58,984	64,247	64,467
West Florida	368,941	361,994	375,415	380,502	389,504
Williston	30,630	29,575	30,029	31,887	32,333
Winter Park	NR	NR	NR	257,994	1,322,967
Withlacoochee	3,095,402	3,210,356	3,316,756	3,452,789	3,570,816
Respondent Total**	212,931,803	219,778,737	217,369,435	222,211,818	228,461,546
FRCC State Total	207,590,000	214,493,000	204,588,000	222,308,000	225,191,000

\*Okefenokee 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.

NR=Not Reported

SOURCES: Table 23 and 27.

**TABLE 27**  
**TOTAL CONSUMPTION AND PERCENTAGE CHANGE BY CLASS OF SERVICE**  
**1997-2006**

YEAR		RESIDENTIAL	COMMERCIAL	INDUSTRIAL	OTHER PUBLIC AUTHORITIES*	TOTAL
1997	Consumption (GWH)	84,847	58,541	20,610	6,356	170,354
	Change from prior year	-0.4%	4.7%	2.3%	5.1%	1.8%
1998	Consumption (GWH)	92,637	62,164	21,393	5,235	181,429
	Change from prior year	9.2%	6.2%	3.8%	-17.6%	6.5%
1999	Consumption (GWH)	92,386	66,022	21,132	5,138	184,678
	Change from prior year	-0.3%	6.2%	-1.2%	-1.9%	1.8%
2000	Consumption (GWH)	97,258	68,945	21,343	5,320	192,866
	Change from prior year	5.3%	4.4%	1.0%	3.5%	4.4%
2001	Consumption (GWH)	99,765	71,616	21,621	5,086	198,088
	Change from prior year	2.6%	3.9%	1.3%	-4.4%	2.7%
2002	Consumption (GWH)	106,451	73,814	22,040	5,292	207,597
	Change from prior year	6.7%	3.1%	1.9%	4.1%	4.8%
2003	Consumption (GWH)	110,821	75,645	22,468	5,572	214,506
	Change from prior year	4.1%	2.5%	1.9%	5.3%	3.3%
2004	Consumption (GWH)	110,366	76,391	23,187	5,694	215,638
	Change from prior year	-0.4%	1.0%	3.2%	2.2%	0.5%
2005	Consumption (GWH)	114,156	78,809	23,431	5,912	222,308
	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%

\*Includes Street and Highway Lighting and Interdepartmental  
Occasionally, the FRCC revises figures slightly. Numbers elsewhere in this report may not match for this reason.

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

**TABLE 28**  
**CONSUMPTION AS A PERCENTAGE OF TOTAL BY CLASS OF SERVICE**  
**1992-2006**

YEAR	RESIDENTIAL	COMMERCIAL	INDUSTRIAL	OTHER
1992	49.11	30.74	16.72	3.42
1993	50.48	31.93	14.47	3.12
1994	50.39	32.29	13.82	3.50
1995	51.12	30.75	14.93	3.20
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	51.76	32.93	11.66	3.66

SOURCE: Table 23.



## **REVENUES**



**TABLE 29**  
**MONTHLY REVENUES BY CLASS OF SERVICE BY SELECT UTILITY**  
**(IN THOUSANDS)**  
**2006**

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
<b>Residential</b>													
Florida Power & Light	\$484,993	\$432,544	\$419,790	\$450,282	\$524,610	\$623,087	\$665,097	\$677,910	\$658,009	\$602,353	\$488,125	\$466,402	\$6,493,202
Florida Public Utilities	2,011	1,748	1,651	1,508	1,586	1,967	2,428	2,272	2,364	1,804	1,446	1,771	22,556
Gulf Power Company	35,769	34,234	30,104	33,582	41,425	53,308	55,519	55,314	45,200	36,044	31,691	39,740	491,930
Progress Energy Florida	183,229	165,235	152,543	151,449	183,005	221,559	230,378	273,632	246,339	200,943	172,469	163,084	2,343,865
Tampa Electric Company	75,335	67,689	61,587	65,260	77,245	92,354	99,837	99,343	96,710	85,889	66,494	68,997	956,740
JEA	45,463	36,457	39,982	31,027	38,643	49,303	48,748	57,514	51,725	40,856	30,167	34,516	504,401
Orlando Utilities Commission	11,496	11,196	14,410	15,779	15,025	18,220	20,073	21,004	11,788	16,693	10,321	10,510	176,516
<b>Commercial</b>													
Florida Power & Light	\$359,062	\$345,408	\$349,544	\$364,728	\$386,626	\$413,515	\$425,186	\$426,309	\$429,564	\$414,910	\$391,014	\$383,125	\$4,688,991
Florida Public Utilities	1,291	1,331	1,386	1,564	1,672	1,775	1,809	1,676	1,528	1,394	1,375	1,812	34,924
Gulf Power Company	19,266	20,966	20,912	23,001	26,690	27,813	27,589	29,808	26,028	23,968	23,070	22,455	291,566
Progress Energy Florida	82,243	79,483	82,783	86,445	97,325	106,442	105,478	116,294	111,517	99,187	94,991	87,738	1,149,926
Tampa Electric Company	45,567	43,608	44,198	46,868	50,726	54,152	56,043	55,528	56,063	53,459	48,247	47,911	602,370
JEA	23,887	21,138	24,218	21,646	26,026	29,806	27,314	32,365	30,188	28,315	22,420	22,070	309,393
Orlando Utilities Commission	17,329	18,384	18,346	20,939	23,454	23,483	24,812	26,101	26,748	23,320	19,901	18,558	261,374
<b>Industrial</b>													
Florida Power & Light	\$26,252	\$31,147	\$28,558	\$29,514	\$30,000	\$33,459	\$30,675	\$30,631	\$29,658	\$30,551	\$30,914	\$26,639	\$357,998
Florida Public Utilities	383	763	549	425	485	431	447	421	375	358	344	369	5,350
Gulf Power Company	8,972	9,205	9,545	10,561	11,539	11,746	11,668	12,802	10,865	9,687	9,700	8,668	124,958
Progress Energy Florida	26,743	24,619	27,165	27,545	29,279	30,026	26,710	28,881	29,657	26,132	26,384	25,977	329,118
Tampa Electric Company	13,919	11,428	14,273	14,544	15,593	14,612	15,043	15,214	15,394	15,606	13,996	14,838	174,460
JEA	14,008	16,751	13,566	12,040	16,487	13,280	16,846	15,803	16,031	14,921	13,347	13,503	176,583
Orlando Utilities Commission	2,105	1,910	2,023	2,278	2,685	2,537	2,527	2,942	2,685	2,455	2,069	2,022	28,240
<b>Other</b>													
Florida Power & Light	\$7,829	\$6,773	\$8,328	\$7,091	\$7,591	\$5,332	\$8,829	\$6,848	\$6,639	\$8,226	\$7,295	\$7,813	\$88,594
Florida Public Utilities	118	115	115	116	116	117	117	116	116	117	118	118	1,400
Gulf Power Company	1,504	1,607	1,375	1,546	1,684	1,850	1,905	1,943	1,647	1,579	1,477	1,658	19,775
Progress Energy Florida	21,546	22,173	21,966	23,072	25,257	25,661	25,713	27,581	29,380	27,125	26,297	23,868	299,639
Tampa Electric Company	12,137	12,210	12,339	12,796	13,674	13,913	13,932	14,323	15,404	14,507	13,543	13,366	162,144
JEA	2,620	2,532	2,390	2,233	2,603	3,517	3,060	3,491	3,931	1,625	2,813	5,578	36,393
Orlando Utilities Commission	791	839	825	1,067	1,076	1,117	1,114	1,157	1,559	1,093	915	887	12,439
<b>Total</b>													
Florida Power & Light	\$878,136	\$815,872	\$806,220	\$851,615	\$948,827	\$1,075,393	\$1,129,787	\$1,141,698	\$1,123,870	\$1,056,040	\$917,348	\$883,979	\$11,628,785
Florida Public Utilities	3,803	3,957	3,701	3,613	3,860	4,291	4,802	4,485	4,383	3,673	3,283	20,380	64,230
Gulf Power Company	65,511	66,012	61,936	68,690	81,338	94,717	96,681	99,867	83,740	71,278	65,938	72,521	928,229
Progress Energy Florida	313,761	291,510	284,457	288,511	334,866	383,688	388,279	446,388	416,893	353,387	320,141	300,667	4,122,548
Tampa Electric Company	146,958	134,935	132,397	139,468	157,238	175,031	184,855	184,408	183,571	169,461	142,280	145,112	1,895,714
JEA	85,978	76,878	80,156	66,946	83,759	95,906	95,968	109,173	101,875	85,717	68,747	75,667	1,026,770
Orlando Utilities Commission	31,721	32,329	35,603	40,062	42,241	45,358	48,526	51,205	42,781	43,561	33,206	31,977	478,569

SOURCE: Form PSC/SCR - 4

**TABLE 30**  
**CUSTOMER REVENUES BY CLASS OF SERVICE**  
**(IN THOUSANDS)**  
**1992-2006**

YEAR	RESIDENTIAL	COMMERCIAL	INDUSTRIAL	OTHER PUBLIC AUTHORITIES*	TOTAL
1992	5,681,719	2,940,669	1,338,816	336,772	10,297,976
1993	6,140,038	3,123,365	1,361,449	350,405	10,975,257
1994	6,252,005	3,259,074	1,226,500	359,252	11,096,831
1995	6,635,847	3,303,139	1,352,628	484,992	11,776,606
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

\*Other includes Street and Highway Lighting and Interdepartmental

SOURCE: Form PSC/SCR - 1



**TABLE 31**  
**CUSTOMER REVENUES AS A PERCENTAGE OF TOTAL BY CLASS OF SERVICE**  
**1992-2006**

YEAR	RESIDENTIAL	COMMERCIAL	INDUSTRIAL	OTHER PUBLIC AUTHORITIES*
1992	55.2	28.6	13.0	3.3
1993	55.9	28.5	12.4	3.2
1994	56.3	29.4	11.1	3.2
1995	56.3	28.0	11.5	4.1
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	55.4	31.5	9.9	3.2

\*Other includes Street and Highway Lighting and Interdepartmental

SOURCE: Table 30.



**NUMBER OF CUSTOMERS**



**TABLE 32**  
**MONTHLY NUMBER OF CUSTOMERS BY CLASS OF SERVICE BY SELECTED UTILITY**  
**2006**

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MONTHLY AVERAGE
<b>Residential</b>													
Florida Power & Light	3,872,396	3,879,576	3,890,204	3,897,524	3,895,330	3,900,670	3,902,971	3,911,235	3,918,701	3,923,213	3,935,554	3,947,871	3,906,270
Florida Public Utilities	23,329	23,257	23,407	23,398	23,452	23,481	23,528	23,531	23,490	23,575	23,576	23,548	23,464
Gulf Power Company	355,577	357,060	358,364	359,234	359,836	360,824	361,584	362,553	363,429	363,855	364,196	364,647	360,930
Progress Energy Florida	1,396,114	1,420,710	1,437,389	1,411,681	1,430,460	1,433,485	1,353,427	1,497,088	1,439,691	1,371,835	1,501,446	1,487,586	1,431,743
Tampa Electric Company	568,763	570,576	572,555	573,003	573,033	573,794	574,941	575,893	577,444	578,595	580,774	581,955	575,111
JEA	361,898	322,300	403,093	342,947	384,406	385,017	346,279	386,469	366,231	383,759	349,420	343,421	364,603
Orlando Utilities Commission	171,292	171,820	172,294	172,672	172,928	173,528	174,001	174,582	175,272	175,886	176,229	177,132	173,970
<b>Commercial</b>													
Florida Power & Light	473,869	474,244	475,611	476,360	477,127	478,106	480,098	481,837	482,333	483,356	484,629	478,869	478,870
Florida Public Utilities	4,125	4,109	4,111	4,126	4,134	4,133	4,126	4,127	4,131	4,140	4,159	4,156	4,131
Gulf Power Company	53,511	53,474	53,522	53,597	53,531	53,492	53,419	53,473	53,442	53,380	53,436	53,466	53,479
Progress Energy Florida	160,355	162,108	164,122	160,529	163,432	163,791	156,870	168,465	163,201	158,837	166,634	164,944	162,774
Tampa Electric Company	69,837	69,911	70,166	70,243	70,257	70,339	70,420	70,347	70,189	70,189	70,269	70,287	70,205
JEA	37,474	34,738	40,348	36,904	40,845	42,235	37,788	43,529	41,260	43,196	39,526	38,658	39,708
Orlando Utilities Commission	22,929	22,946	22,950	23,020	23,010	23,034	23,045	22,959	23,054	23,185	23,149	23,308	23,049
<b>Industrial</b>													
Florida Power & Light	19,778	20,943	21,082	21,136	21,547	21,638	21,459	21,576	21,470	21,210	21,277	21,425	21,212
Florida Public Utilities	2	2	2	2	2	2	2	2	2	2	2	2	2
Gulf Power Company	296	296	296	295	294	294	294	293	293	293	292	295	294
Progress Energy Florida	2,696	2,709	2,718	2,675	2,742	2,691	2,668	2,756	2,639	2,659	2,702	2,708	2,697
Tampa Electric Company	1,351	1,349	1,351	1,369	1,378	1,372	1,374	1,488	1,631	1,689	1,723	1,741	1,485
JEA	221	208	235	199	238	229	251	231	228	232	224	222	227
Orlando Utilities Commission	20	20	20	20	20	20	20	20	20	20	20	20	20
<b>Other</b>													
Florida Power & Light	3,197	3,199	3,200	3,199	3,210	3,218	3,223	3,222	3,218	3,225	3,235	3,239	3,215
Florida Public Utilities	344	349	350	345	345	343	340	342	344	365	347	343	346
Gulf Power Company	487	482	482	483	482	480	481	483	483	484	484	484	483
Progress Energy Florida	22,665	22,857	23,049	22,638	23,155	23,122	22,496	23,708	23,407	23,024	23,979	23,818	23,160
Tampa Electric Company	6,843	6,849	6,849	6,816	6,821	6,837	6,837	6,877	6,976	7,038	7,054	7,068	6,905
JEA	4,661	4,429	4,142	3,810	4,078	5,293	4,190	5,299	4,702	5,025	4,407	4,198	4,520
Orlando Utilities Commission	10,883	10,889	10,892	10,881	10,878	10,881	10,858	10,894	10,902	10,876	10,896	10,919	10,887
<b>Total</b>													
Florida Power & Light	4,369,240	4,377,962	4,390,097	4,398,219	4,397,214	4,403,632	4,407,751	4,417,870	4,425,722	4,431,004	4,444,695	4,451,404	4,409,567
Florida Public Utilities	27,800	27,717	27,870	27,871	27,933	27,959	27,996	28,002	27,967	28,082	28,084	28,049	27,944
Gulf Power Company	409,871	411,312	412,664	413,609	414,143	415,090	415,778	416,802	417,647	418,012	418,408	418,892	415,186
Progress Energy Florida	1,581,830	1,608,384	1,627,278	1,597,523	1,619,789	1,623,089	1,535,461	1,692,017	1,628,938	1,556,355	1,694,761	1,679,056	1,620,373
Tampa Electric Company	646,794	648,685	650,921	651,431	651,489	652,342	653,572	654,605	656,240	657,511	659,820	661,051	653,705
JEA	404,254	361,675	447,818	383,860	429,567	432,774	388,508	435,528	412,421	432,212	393,577	386,499	409,058
Orlando Utilities Commission	205,124	205,675	206,156	206,593	206,836	207,463	207,924	208,455	209,248	209,967	210,294	211,379	207,926

SOURCES: Form PSC/SCR - 4

**TABLE 33**  
**AVERAGE NUMBER OF CUSTOMERS BY CLASS OF SERVICE BY UTILITY**  
**2006**

UTILITIES	RESIDENTIAL	COMMERCIAL	INDUSTRIAL	OTHER	TOTAL
Florida Power & Light	3,906,270	478,870	21,212	3,215	4,409,567
Florida Public Utilities	23,464	4,131	2	346	27,944
Gulf Power Company	360,930	53,479	294	483	415,186
Progress Energy Florida	1,431,743	162,774	2,697	23,160	1,620,373
Tampa Electric Company	575,111	70,205	1,485	6,905	653,705
Alachua	2,963	707	108	0	3,778
Bartow	9,806	1,221	348	137	11,512
Blountstown	1,021	296	0	29	1,346
Bushnell	772	222	10	49	1,053
Central Florida Co-op	29,660	2,050	72	542	32,324
Chattahoochee	1,073	132	4	62	1,271
Choctawhatchee Co-op	34,883	5,591	171	0	40,645
Clay Co-op	145,095	15,617	730	628	162,070
Clewiston	3,469	553	99	24	4,145
Escambia River Co-op	8,582	955	166	28	9,731
Florida Keys Co-op	25,719	4,480	432	300	30,931
Fort Meade	2,331	243	2	56	2,632
Fort Pierce	22,143	2,615	1,842	0	26,600
Gainesville	79,407	8,450	1,135	3,124	92,116
Glades Co-op	12,032	3,519	554	8	16,113
Green Cove Springs	3,116	509	112	9	3,746
Gulf Coast Co-op	18,792	1,038	6	363	20,199
Havana	1,093	249	0	23	1,365
Homestead	17,650	1,879	396	77	20,002
JEA	364,603	39,708	227	4,520	409,058
Jacksonville Beach	26,263	5,604	328	109	32,304
Key West	24,039	3,067	677	1,752	29,535
Kissimmee	50,614	7,519	791	0	58,924
Lake Worth	22,688	2,997	92	161	25,938
Lakeland	98,680	10,589	1,330	10,032	120,631
Lee County Co-op	172,432	13,479	3,106	204	189,221
Leesburg	17,535	2,847	459	0	20,841
Moore Haven	903	93	18	31	1,045
Mount Dora	4,529	731	52	80	5,392
New Smyrna Beach	21,453	1,835	113	177	23,578
Newberry	1,133	152	37	81	1,403
Ocala	41,849	7,069	1,211	1,131	51,260
Okefenoke*	9,044	412	1	60	9,517
Orlando**	173,970	23,049	20	10,887	207,926
Peace River Co-op	25,637	6,055	201	51	31,944
Quincy	3,991	802	14	103	4,910
Reedy Creek	9	341	834	55	1,239
Seminole Co-op	0	0	0	0	0
Starke	2,034	702	0	0	2,736
Sumter Co-op	138,428	14,662	791	28	153,909
Suwannee Valley Co-op	21,825	1,718	53	82	23,678
Tallahassee	92,017	11,625	2,308	4,600	110,550
Talquin Co-op	48,732	3,334	4	817	52,887
Tri-County Co-op	15,564	1,568	120	110	17,362
Vero Beach	27,758	4,680	668	323	33,429
Wauchula	2,064	470	11	49	2,594
West Florida Co-op	24,478	43	2,402	538	27,461
Williston	1,114	270	44	80	1,508
Winter Park	11,210	291	1,873	255	13,629
Withlacoochee Co-op	174,730	19,934	48	351	195,063
Respondent Total	8,336,451	1,005,431	49,709	76,236	9,467,827
FRCC State Total	8,158,148	1,006,646	35,304	N/A	9,200,098

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

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

SOURCES: Form PSC/SCR - 1, 4  
Regional Load and Resource Plan, FRCC

**TABLE 34**  
**AVERAGE NUMBER OF CUSTOMERS BY UTILITY**  
**2002-2006**

UTILITIES	2002	2003	2004	2005	2006
Florida Power & Light	3,935,278	3,975,003	4,064,135	4,321,767	4,409,567
Florida Public Utilities	25,834	26,266	26,796	27,546	27,944
Gulf Power Company	374,559	381,520	389,809	404,087	415,186
Progress Energy Florida	1,440,081	1,475,760	1,510,493	1,583,391	1,620,373
Tampa Electric Compan	575,779	590,199	590,199	635,747	653,705
Alachua	2,918	NR	3,150	3,525	3,778
Bartow	9,899	10,006	11,714	11,563	11,512
Blountstown	1,329	1,324	1,330	1,314	1,346
Bushnell	1,026	NR	0	1,044	1,053
Central Florida	28,757	29,460	30,146	31,702	32,324
Chattahoochee	1,286	1,288	1,299	1,284	1,271
Choctawhatchee	33,237	34,400	35,627	38,894	40,645
Clay	138,166	142,174	146,531	155,591	162,070
Clewiston	4,065	4,067	4,124	4,164	4,145
Escambia River	9,261	9,390	9,454	9,581	9,731
Florida Keys	30,338	30,668	30,890	30,968	30,931
Fort Meade	2,639	2,730	NR	2,696	2,632
Fort Pierce	24,975	25,301	25,646	25,841	26,600
Gainesville	83,837	85,500	86,400	90,660	92,116
Glades	14,596	14,937	15,763	15,715	16,113
Green Cove Springs	3,108	3,153	3,379	3,545	3,746
Gulf Coast	17,556	17,991	18,427	19,530	20,199
Havana	1,274	NR	1,295	1,349	1,365
Homestead	16,386	16,082	16,576	18,094	20,002
JEA	365,009	372,842	378,921	402,438	409,058
Jacksonville Beach	31,010	31,241	31,474	31,942	32,304
Key West	28,600	28,925	NR	29,223	29,535
Kissimmee	50,375	49,083	51,183	56,028	58,924
Lake Worth	24,778	24,417	24,965	26,823	25,938
Lakeland	110,112	112,733	114,334	118,262	120,631
Lee County	150,031	155,643	160,902	177,634	189,221
Leesburg	18,772	19,019	19,731	20,659	20,841
Moore Haven	978	989	1,014	977	1,045
Mount Dora	NR	6,427	6,763	5,855	5,392
New Smyrna Beach	21,514	21,811	22,284	22,935	23,578
Newberry	NR	1,103	1,133	1,286	1,403
Ocala	46,702	47,096	47,180	49,884	51,260
Okefenoke*	8,235	8,478	8,744	9,318	9,517
Orlando Utilities**	179,864	183,965	188,056	201,461	207,926
Peace River	25,391	26,295	27,401	29,973	31,944
Quincy	4,686	4,764	0	4,761	4,910
Reedy Creek	1,349	1,208	1,208	1,231	1,239
Starke	2,609	2,603	2,600	2,725	2,736
Sumter	110,284	116,202	123,129	142,357	153,909
Suwannee Valley	20,591	21,362	21,900	23,047	23,678
Tallahassee	97,335	97,986	93,809	107,780	110,550
Talquin	48,160	49,211	50,696	52,178	52,887
Tri-County	15,503	15,901	16,340	17,018	17,362
Vero Beach	30,902	31,089	32,354	32,688	33,429
Wauchula	NR	NR	0	2,625	2,594
West Florida	25,408	25,786	24,684	26,967	27,461
Williston	1,324	1,331	1,304	1,410	1,508
Winter Park	N/A	N/A	0	13,750	13,629
Withlacoochee	161,744	164,671	173,589	186,112	195,063
Respondent Total***	8,357,450	8,499,401	8,663,582	9,238,943	9,467,827
FRCC State Total	8,142,064	8,325,902	8,528,117	8,980,184	9,200,098

\*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.

N/A=Not Applicable

NR=Not Reported

**TABLE 35**  
**AVERAGE NUMBER OF CUSTOMERS AND PERCENTAGE CHANGE BY CLASS OF SERVICE**  
**1997-2006**

YEAR		RESIDENTIAL	COMMERCIAL	INDUSTRIAL	TOTAL
1997	Number of Customers	6,482,244	781,160	26,213	7,289,617
	Change from prior year	2.0%	2.4%	1.6%	2.1%
1998	Number of Customers	6,613,532	801,200	27,257	7,441,989
	Change from prior year	2.0%	2.6%	4.0%	2.1%
1999	Number of Customers	7,023,628	860,010	31,529	7,915,167
	Change from prior year	6.2%	7.3%		6.4%
2000*	Number of Customers	7,047,302	869,460	28,556	7,945,318
	Change from prior year	0.3%	1.1%	-0.094294	0.4%
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%	5.7%	2.7%
2005	Number of Customers	7,962,111	981,885	36,188	8,980,184
	Change from prior year	2.6%	2.4%	10.2%	2.6%
2006	Number of Customers	8,158,148	1,006,646	35,304	9,200,098
	Change from prior year	2.5%	2.5%	-2.4%	2.4%

\*FRCC numbers as revised

SOURCES: FRCC numbers from Table 33.



**TABLE 36**  
**POPULATION AND CUSTOMERS FOR SELECTED INVESTOR-OWNED UTILITIES**  
**(HISTORICAL AND FORECASTED)**  
**1997-2016**

UTILITY	YEAR	POPULATION	RESIDENTIAL CUSTOMERS	COMMERCIAL CUSTOMERS	INDUSTRIAL CUSTOMERS	OTHER CUSTOMERS	TOTAL CUSTOMERS
Florida Power & Light	1997	7,105,592	3,209,298	388,906	14,761	2,520	3,615,485
	2001	7,754,846	3,490,541	426,573	15,445	2,722	3,935,281
	2006	8,620,855	3,906,201	478,930	21,216	3,216	4,409,563
	2011 *	9,539,356	4,326,923	518,549	15,672	3,687	4,864,831
	2016 *	10,368,782	4,713,544	552,946	15,089	4,154	5,285,733
Gulf Power Company	1997	773,866	296,497	43,955	277	215	340,944
	2001	843,919	325,343	48,482	277	460	374,562
	2006	935,300	360,930	53,479	294	482	415,185
	2011 *	1,035,823	406,093	60,506	352	488	467,439
	2016 *	1,145,660	457,170	68,849	391	501	526,911
Progress Energy Florida	1997	2,878,315	1,160,611	132,504	2,830	18,562	1,314,507
	2001	3,122,946	1,274,672	146,983	2,551	20,752	1,444,958
	2006	3,512,066	1,431,743	162,774	2,697	23,182	1,620,396
	2011 *	3,828,922	1,566,662	181,846	2,701	26,071	1,777,280
	2016 *	4,155,712	1,708,763	200,111	2,701	29,058	1,940,633
Tampa Electric Company	1997	928,731	456,175	56,981	629	4,583	518,368
	2001	1,030,900	505,964	63,316	851	5,649	575,780
	2006	1,161,959	575,111	70,205	1,485	6,905	653,706
	2011 *	1,290,727	645,029	77,530	1,647	7,653	731,859
	2016 *	1,408,645	721,830	84,830	1,983	8,540	817,183

\*Projected

SOURCE: Individual Ten-Year Site Plans



## **PRICES**



**TABLE 37**  
**PRICE OF RESIDENTIAL SERVICE\***  
**DECEMBER 31, 2006**

INVESTOR-OWNED UTILITIES	MINIMUM BILL OR CUSTOMER CHARGE**	100 KWH	250 KWH	500 KWH	750 KWH	1000 KWH	1500 KWH
Florida Power & Light	\$5.17	\$15.25	\$30.36	\$55.55	\$80.72	\$105.89	\$166.27
Florida Public Utilities Company							
- Northwest Division	\$10.00	\$15.95	\$24.87	\$39.75	\$54.62	\$69.48	\$99.23
- Northeast Division	\$10.00	\$14.71	\$21.77	\$33.54	\$45.30	\$57.06	\$80.60
Gulf Power Company	\$10.00	\$18.00	\$30.01	\$50.02	\$70.03	\$90.03	\$130.05
Progress Energy Florida	\$8.03	\$17.91	\$32.73	\$57.45	\$82.13	\$106.82	\$166.24
Tampa Electric Company	\$8.50	\$18.35	\$33.10	\$57.69	\$82.28	\$106.87	\$156.06

\* Excludes local taxes, franchise fees, and gross receipts taxes that are billed as a separate line item. Includes cost recovery clause factors effective December 2006

SOURCE: FPSC Comparative Rate Statistics.

**TABLE 37 (continued)**  
**PRICE OF RESIDENTIAL SERVICE\***  
**DECEMBER 31, 2006**

	MINIMUM BILL OR MUNICIPAL UTILITIES CUSTOMER CHARGE	100 KWH	250 KWH	500 KWH	750 KWH	1000 KWH	1500 KWH
Alachua	\$8.00	\$19.58	\$36.95	\$65.90	\$94.85	\$123.80	\$181.70
Bartow	\$6.67	\$17.63	\$34.06	\$61.46	\$88.85	\$116.24	\$171.03
Blountstown	\$3.50	\$11.03	\$22.32	\$41.14	\$59.96	\$78.78	\$116.42
Bushnell	\$7.40	\$18.87	\$36.06	\$64.73	\$93.39	\$122.05	\$179.37
Chattahoochee	\$4.50	\$12.81	\$25.28	\$46.06	\$66.85	\$87.63	\$129.19
Clewiston	\$6.50	\$15.67	\$29.43	\$52.36	\$75.29	\$98.21	\$144.07
Fort Meade	\$12.96	\$25.75	\$44.94	\$76.91	\$108.89	\$140.86	\$204.81
Fort Pierce	\$5.35	\$16.19	\$32.44	\$59.54	\$86.63	\$113.72	\$167.91
Gainesville	\$5.17	\$11.67	\$21.42	\$46.17	\$70.92	\$101.92	\$163.92
Green Cove Springs	\$6.00	\$16.61	\$32.53	\$59.06	\$85.58	\$112.11	\$165.17
Havana	\$6.00	\$17.50	\$34.75	\$63.48	\$92.23	\$120.96	\$178.44
Homestead	\$5.50	\$16.67	\$33.42	\$61.33	\$89.24	\$117.15	\$172.98
JEA	\$5.50	\$13.79	\$26.21	\$46.92	\$67.62	\$88.33	\$129.75
Jacksonville Beach	\$4.50	\$15.73	\$32.56	\$60.64	\$88.70	\$116.76	\$172.90
Key West	\$6.24	\$18.55	\$37.02	\$67.79	\$98.57	\$129.34	\$190.89
Kissimmee	\$10.17	\$18.60	\$31.26	\$52.33	\$73.42	\$94.50	\$142.99
Lake Worth	\$8.25	\$19.57	\$36.55	\$64.85	\$93.15	\$121.45	\$178.05
Lakeland	\$6.35	\$17.61	\$34.49	\$62.63	\$90.77	\$118.91	\$145.06
Leesburg	\$9.20	\$19.91	\$35.97	\$62.73	\$89.50	\$116.26	\$169.79
Moore Haven	\$8.50	\$17.39	\$30.73	\$52.95	\$75.18	\$97.40	\$141.85
Mount Dora	\$5.23	\$16.16	\$32.56	\$59.88	\$87.20	\$114.52	\$169.17
New Smyrna Beach	\$5.65	\$17.83	\$36.08	\$66.53	\$96.96	\$127.39	\$188.27
Newberry	\$7.50	\$18.38	\$34.71	\$61.91	\$89.11	\$116.31	\$170.72
Ocala	\$7.00	\$16.63	\$31.07	\$55.15	\$79.22	\$103.29	\$151.44
Orlando	\$7.00	\$16.30	\$30.24	\$53.48	\$76.71	\$99.95	\$151.43
Quincy	\$6.00	\$16.11	\$31.28	\$56.56	\$81.84	\$107.12	\$157.68
Reedy Creek	\$2.85	\$12.52	\$27.01	\$51.18	\$75.34	\$99.50	\$147.83
Starke	\$6.45	\$16.83	\$32.41	\$58.37	\$84.33	\$110.28	\$173.20
St.Cloud	\$7.28	\$16.95	\$31.45	\$55.62	\$79.79	\$103.95	\$157.49
Tallahassee	\$5.75	\$18.92	\$38.68	\$71.60	\$104.52	\$137.44	\$203.29
Vero Beach	\$7.21	\$18.09	\$34.42	\$61.61	\$88.82	\$116.01	\$170.41
Wauchula	\$8.62	\$20.88	\$39.26	\$69.91	\$100.55	\$131.19	\$192.48
Williston	\$8.00	\$19.13	\$35.83	\$63.66	\$91.49	\$119.32	\$174.98
Winter Park	\$8.03	\$17.91	\$32.73	\$57.43	\$82.12	\$106.82	\$161.22

\* Local taxes, franchise fees, and gross receipts taxes not embedded in rates are excluded. December 2006 Fuel and Purchased Power Costs are included.

SOURCE: FPSC Comparative Rate Statistics.

**TABLE 37 (continued)**  
**PRICE OF RESIDENTIAL SERVICE\***  
**DECEMBER 31, 2006**

COOPERATIVE UTILITIES	MINIMUM BILL OR CUSTOMER CHARGE	100 KWH	250 KWH	500 KWH	750 KWH	1000 KWH	1500 KWH
Central Florida	\$10.50	\$20.00	\$34.25	\$58.00	\$81.75	\$105.50	\$153.00
Choctawhatchee	\$18.00	\$26.93	\$40.32	\$62.63	\$84.95	\$107.26	\$151.89
Clay	\$9.00	\$15.30	\$24.75	\$40.50	\$56.25	\$72.00	\$108.50
Escambia River	\$9.00	\$18.70	\$33.25	\$57.50	\$81.75	\$106.00	\$154.50
Florida Keys	\$10.00	\$20.79	\$36.96	\$63.93	\$90.89	\$117.85	\$171.78
Glades	\$15.50	\$26.70	\$43.50	\$71.50	\$99.50	\$127.50	\$183.50
Gulf Coast	\$10.00	\$19.65	\$34.13	\$58.25	\$82.38	\$106.50	\$154.75
Lee County	\$8.00	\$17.72	\$32.30	\$56.60	\$80.91	\$105.20	\$153.80
Okefenoke	\$10.00	\$19.30	\$33.25	\$56.50	\$79.75	\$103.00	\$149.50
Peace River	\$11.25	\$22.12	\$38.43	\$65.60	\$92.78	\$119.95	\$174.30
Sumter	\$8.25	\$18.12	\$32.93	\$57.60	\$82.28	\$106.95	\$156.30
Suwannee Valley	\$8.73	\$18.62	\$33.46	\$58.20	\$82.93	\$107.66	\$157.13
Talquin	\$8.00	\$18.00	\$33.00	\$58.00	\$83.00	\$108.00	\$158.00
Tri-County	\$10.00	\$18.10	\$30.25	\$50.50	\$70.75	\$91.00	\$131.50
West Florida	\$13.90	\$23.89	\$38.87	\$63.84	\$88.80	\$113.77	\$163.71
Withlacoochee River	\$9.75	\$18.88	\$32.58	\$55.40	\$78.23	\$101.05	\$146.70

\* Local taxes, franchise fees, and gross receipts taxes not embedded in rates are excluded. December 2006 Fuel and Purchased Power Costs are included.

SOURCE: FPSC Comparative Rate Statistics.

**TABLE 38**  
**PRICE OF COMMERCIAL AND INDUSTRIAL SERVICE\***  
**DECEMBER 31, 2006**

INVESTOR-OWNED UTILITIES	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	\$1,721	\$4,583	\$15,314	\$38,112	\$75,736
Florida Public Utilities Company					
- Northwest Division	\$913	\$2,466	\$7,871	\$19,901	\$39,727
- Northeast Division	\$736	\$1,933	\$6,215	\$15,485	\$30,895
Gulf Power Company	\$1,249	\$3,271	\$11,196	\$26,681	\$53,207
Progress Energy Florida	\$1,483	\$4,169	\$13,871	\$35,821	\$71,631
Tampa Electric Company	\$1,596	\$4,159	\$13,765	\$34,341	\$68,427

\*Excludes local taxes, franchise fees, and gross receipts taxes that are billed as a separate line item. Includes cost recovery clause factors effective December 2006.

SOURCE: FPSC Comparative Rate Statistics.



**TABLE 38 (continued)**  
**PRICE OF COMMERCIAL AND INDUSTRIAL SERVICE\***  
**DECEMBER 31, 2006**

MUNICIPAL UTILITIES	75 KW	150 KW	500 KW	1,000 KW	2,000 KW
	15,000 KWH	45,000 KWH	150,000 KWH	400,000 KWH	800,000 KWH
Alachua	\$1,873	\$5,127	\$17,038	\$43,413	\$86,803
Bartow	\$1,994	\$5,286	\$17,576	\$43,909	\$87,799
Blountstown	\$1,329	\$3,974	\$13,231	\$35,271	\$70,535
Bushnell	\$2,045	\$5,530	\$18,380	\$46,493	\$92,963
Chattahoochee	\$1,365	\$4,183	\$13,944	\$35,511	\$71,023
Clewiston	\$1,606	\$4,477	\$14,842	\$38,319	\$76,603
Fort Meade	\$2,032	\$6,165	\$20,340	\$50,950	\$101,810
Fort Pierce	\$1,729	\$4,667	\$16,641	\$40,433	\$80,831
Gainesville	\$1,608	\$4,195	\$13,910	\$34,113	\$67,981
Green Cove Springs	\$1,827	\$4,905	\$16,292	\$35,169	\$70,213
Havana	\$1,730	\$5,179	\$17,250	\$45,990	\$91,974
Homestead	\$1,958	\$5,335	\$17,703	\$45,065	\$90,095
JEA	\$1,319	\$3,459	\$11,412	\$28,522	\$56,844
Jacksonville Beach	\$2,123	\$5,699	\$18,960	\$47,700	\$95,384
Key West	\$2,066	\$5,656	\$18,809	\$47,889	\$95,759
Kissimmee	\$1,662	\$4,210	\$14,285	\$33,944	\$67,831
Lake Worth	\$2,264	\$5,913	\$19,535	\$48,735	\$97,395
Lakeland	\$1,723	\$4,738	\$16,433	\$40,778	\$81,180
Leesburg	\$1,755	\$4,622	\$15,361	\$38,246	\$76,472
Moore Haven	\$1,648	\$4,199	\$13,919	\$34,044	\$68,054
Mount Dora	\$1,556	\$4,245	\$14,112	\$35,863	\$71,710
New Smyrna Beach	\$2,194	\$6,009	\$19,952	\$50,900	\$101,766
Newberry	\$1,914	\$4,962	\$16,507	\$38,769	\$77,493
Ocala	\$1,490	\$3,982	\$13,223	\$33,243	\$66,465
Orlando	\$1,530	\$4,071	\$13,536	\$33,735	\$67,455
Quincy	\$1,380	\$3,742	\$12,331	\$31,548	\$61,988
Reedy Creek	\$1,699	\$4,402	\$14,625	\$36,060	\$72,100
Starke	\$1,874	\$5,604	\$18,659	\$49,741	\$99,473
St.Cloud	\$1,591	\$4,234	\$14,077	\$35,088	\$70,160
Tallahassee	\$2,127	\$5,619	\$18,558	\$46,440	\$92,832
Vero Beach	\$1,719	\$4,798	\$15,891	\$41,021	\$81,971
Wauchula	\$2,153	\$5,915	\$19,566	\$50,223	\$100,381
Williston	\$1,832	\$5,070	\$16,622	\$42,242	\$84,434
Winter Park	\$1,523	\$4,011	\$13,346	\$34,421	\$68,831

\*Local taxes, franchise fees, & gross receipts taxes not embedded in rates are excluded. Dec 2006 Fuel & Purchased Power Costs are included.  
SOURCE: FPSC Comparative Rate Statistics.

**TABLE 38 (continued)**  
**PRICE OF COMMERCIAL AND INDUSTRIAL SERVICE\***  
**DECEMBER 31, 2006**

COOPERATIVE UTILITIES	75 KW 15,000 KWH	150 KW 45,000 KWH	500 KW 150,000 KWH	1,000 KW 400,000 KWH	2,000 KW 800,000 KWH
Central Florida	\$1,708	\$4,411	\$14,518	\$35,705	\$71,330
Choctawhatchee	\$1,414	\$3,724	\$11,702	\$29,520	\$59,009
Clay	\$1,049	\$2,748	\$9,030	\$22,705	\$43,750
Escambia River	\$1,720	\$4,630	\$15,340	\$38,840	\$77,640
Florida Keys	\$2,211	\$6,514	\$21,829	\$57,327	\$114,703
Glades	\$1,841	\$5,182	\$17,575	\$24,095	\$48,015
Gulf Coast	\$1,467	\$4,077	\$13,562	\$34,812	\$69,612
Lee County	\$1,473	\$3,933	\$12,939	\$31,574	\$63,124
Okefenoke	\$1,533	\$3,925	\$12,850	\$32,000	\$63,900
Peace River	\$1,643	\$4,342	\$14,355	\$36,030	\$72,010
Sumter	\$1,447	\$3,827	\$12,640	\$31,790	\$63,530
Suwannee Valley	\$1,740	\$4,677	\$12,646	\$30,853	\$61,665
Talquin	\$1,516	\$4,183	\$14,130	\$33,080	\$65,860
Tri-County	\$1,285	\$3,100	\$10,100	\$24,300	\$48,500
West Florida	\$1,552	\$4,257	\$14,073	\$23,106	\$46,112
Withlacochee River	\$1,388	\$3,703	\$12,285	\$30,885	\$61,745

\* Local taxes, franchise fees, and gross receipts taxes not embedded in rates are excluded. December 2006 Fuel and Purchased Power Costs are included.

SOURCE: FPSC Comparative Rate Statistics.

## **ECONOMIC AND FINANCIAL INDICATORS**



**TABLE 39**  
**POPULATION ESTIMATES**  
**1997-2006**  
**(000s)**

YEAR	FLORIDA POPULATION	NATIONAL POPULATION
1997	15,186	272,647
1998	15,487	275,854
1999	15,983	279,040
2000	16,050	282,217
2001	16,355	285,226
2002	16,682	288,126
2003	16,982	290,796
2004	17,367	293,638
2005	17,768	296,508
2006	18,090	299,398

**TABLE 40**  
**POPULATION PROJECTIONS**  
**2010-2030**  
**(000s)**

YEAR	FLORIDA POPULATION	NATIONAL POPULATION
2010	19,252	308,936
2020	23,407	335,805
2030	28,686	363,584

SOURCE: U.S. Census Bureau, Washington D.C. 20233  
 Table 39:  
<http://www.census.gov/popest/states/tables/NST-EST2006-01.xls>  
 Table 40:  
<http://www.census.gov/population/projections/SummaryTabA1.pdf>

**TABLE 41**  
**CONSUMER PRICE INDEX**  
**ALL URBAN CONSUMERS**  
**ANNUAL RATE OF CHANGE**  
**1997-2006**

YEAR*	ALL URBAN CONSUMERS
1997	1.7%
1998	1.6%
1999	2.7%
2000	3.4%
2001	1.6%
2002	2.4%
2003	1.9%
2004	3.3%
2005	3.4%
2006	2.5%

**TABLE 42**  
**CONSUMER PRICE INDEX**  
**FOR ALL ITEMS AND FUEL AND OTHER UTILITIES**  
**1997-2006**

YEAR*	ALL ITEMS	FUEL AND OTHER UTILITIES
1997	160.5	130.8
1998	163.0	128.5
1999	166.6	128.8
2000	172.2	137.9
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

\*Not seasonally adjusted.  
1982-84=100(Ratio Scale)

SOURCE: ECONOMIC INDICATORS, Council of Economic Advisers, Joint Economic Committee  
United States Government Printing Office  
<http://origin.www.gpoaccess.gov/indicators/07julbro.html>

**TABLE 43**  
**PRODUCER PRICE INDEX**  
**TOTAL FINISHED GOODS AND CAPITAL EQUIPMENT**  
**1997-2006**

YEAR	FINISHED GOODS	CAPITAL EQUIPMENT
1997	131.8	138.2
1998	130.7	137.6
1999	133.0	137.6
2000	138.0	138.8
2001	140.7	139.7
2002	138.9	139.1
2003	143.3	139.5
2004	148.5	141.4
2005	155.7	144.7
2006	160.4	156.7

1982 = 100

SOURCE: ECONOMIC INDICATORS, Council of Economic Advisers, Joint Economic Committee  
 United States Government Printing Office  
<http://origin.www.gpoaccess.gov/indicators/07julbro.html>





# **GLOSSARY OF ELECTRIC UTILITY TERMS**



## 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  
KW - Kilowatt - 1,000 watts  
KWH - Kilowatt - hour - 3,413 BTUs  
MCF - Thousands of Cubic Feet  
SH-TON - Short Ton - 2,000 pounds  
THERM - 100,000 BTUs

Kilowatts (KW) - 1,000 watts  
Megawatts (MW) - 1,000 kilowatts  
Gigawatts (GW) - 1,000 megawatts  
Kilowatt-Hours (KWH) - 1,000 watt-hours  
Megawatt-Hours (MWH) - 1,000 kilowatt-hours  
Gigawatt-Hours (GWH) - 1,000 megawatt-hours

### Utility

FPL - Florida Power & Light Company	PEF - Progress Energy Florida
FTP - Fort Pierce Utilities Authority	SEC - Seminole Electric Cooperative
GPC - Gulf Power Company	SPA - Southeastern Power Administration
GRU - Gainesville Regional Utilities	STC - City of St. Cloud
HST - City of Homestead	STK - City of Starke
KEY - City of Key West	TEC - Tampa Electric Company
KUA - Kissimmee Utility Authority	TAL - City of Tallahassee
LAK - City of Lakeland	VER - Vero Beach Municipal Utilities
LWU - Lake Worth Utilities Authority	OTH - Other
NSB - New Smyrna Beach Utilities Commission	XXX - Other joint participant utility not listed above
OUC - Orlando Utilities Commission	

**Unit Number (U)**

- r - Retirement
- c - Change or 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:

$$\text{Net Energy for Load} = \text{Total MWH Generated} - \text{Plant Use} + \text{MWH Received} - \text{MWH Delivered}$$

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 one to zero. It 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 is this difference, and therefore the greater is the magnitude of peaking across the load curve.

## 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 words 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 user or by the manufacturer. See also **NAMEPLATE RATING**.

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

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

**Installed Generating** - See **NAMEPLATE RATING**.

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

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

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

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

**Margin of** - See **CAPABILITY MARGIN**.

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

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

**Total Available** - See **CAPABILITY, GROSS SYSTEM**.

**CHARGE, ELECTRIC ENERGY** - See **ENERGY, ELECTRIC**.

**CLASSES OF ELECTRIC SERVICE** - See class name for definition of each.

**Sales to Ultimate Customers:\***

Residential	Public Street and Highway Lighting
Commercial and Industrial	Other Public Authorities
Commercial	Railroads and Railways
Industrial	Interdepartmental
Small Light and Power	
Large Light and Power	

**Sales for Resale (Other Electric Utilities):**

Investor-Owned Companies	Municipally Owned Electric Systems
Cooperatively Owned Electric Systems	Federal and State Electric Agencies

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\*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 so classify such sales. Consequently, "Rural" is a rate classification rather than a customer classification and since it 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.

<b>Basis of Classification</b>	<b>Class of System</b>
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), 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. It 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. It 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. 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. It is the total cost of fuel consumed divided by its total BTU content, and the answer is divided by one million.

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

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



**Nuclear** - Nuclear fuel costs can be given on a fuel cycle basis. A fuel cycle consists of all the steps associated with procurement, use, and disposal of nuclear fuel. Accounting 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 - 70 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** - This 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 at which are located 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 generation 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. It 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 dollar value of such sales at tariff or other specified rates for the energy supplied.

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

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

**INDUSTRIAL** - See **COMMERCIAL AND INDUSTRIAL**.

**KILOWATT (KW)** - 1,000 watts. See **WATT**.

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

**KILOWATT-HOURS PER CAPITA** - Net generation in the United States divided by 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 by 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. It is usually indicated on a nameplate attached to the individual machine or device. The nameplate rating of a steam electric turbine-generator set is the guaranteed continuous output in kilowatts or KVA (kilovolt-amperes - 1,000 volt-amperes) and power factor at generator terminals when the turbine is clean and operating under specified throttle steam pressure and temperature, specified reheat temperature, specified exhaust pressure, and with full extraction from all extraction openings.

**NET CAPABILITY** - See **CAPABILITY, NET GENERATING STATION**.

**NET ENERGY FOR LOAD** - A term used in Federal Energy Regulatory Commission reports and comprising:

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

**NET ENERGY FOR SYSTEM** - A term used in Federal Energy Regulatory Commission reports and comprising:

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

**NET GENERATING STATION CAPABILITY** - See **CAPABILITY, NET GENERATING STATION**.

**NET GENERATION** - See **GENERATION, ELECTRIC - NET**.

**NET PLANT CAPABILITY** - See **CAPABILITY, NET GENERATING STATION**.

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

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

**PRIME MOVER** - The engine, turbine, water wheel, or similar machine which drives an electric generator.

**PUBLIC STREET AND HIGHWAY LIGHTING** - A customer, sales, and revenue classification covering electric energy supplied and services rendered for the purposes of 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, it 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. The rate of energy transfer equivalent to one ampere flowing under a pressure of one volt at unity power factor. It 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

