Florida Public Service Commission

# 2011 *Statistics of the Florida Electric Utility Industry*

Published September 2012

# Statistics of the
# Florida Electric Utility Industry

## 2011

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 Consumer Assistance & Outreach

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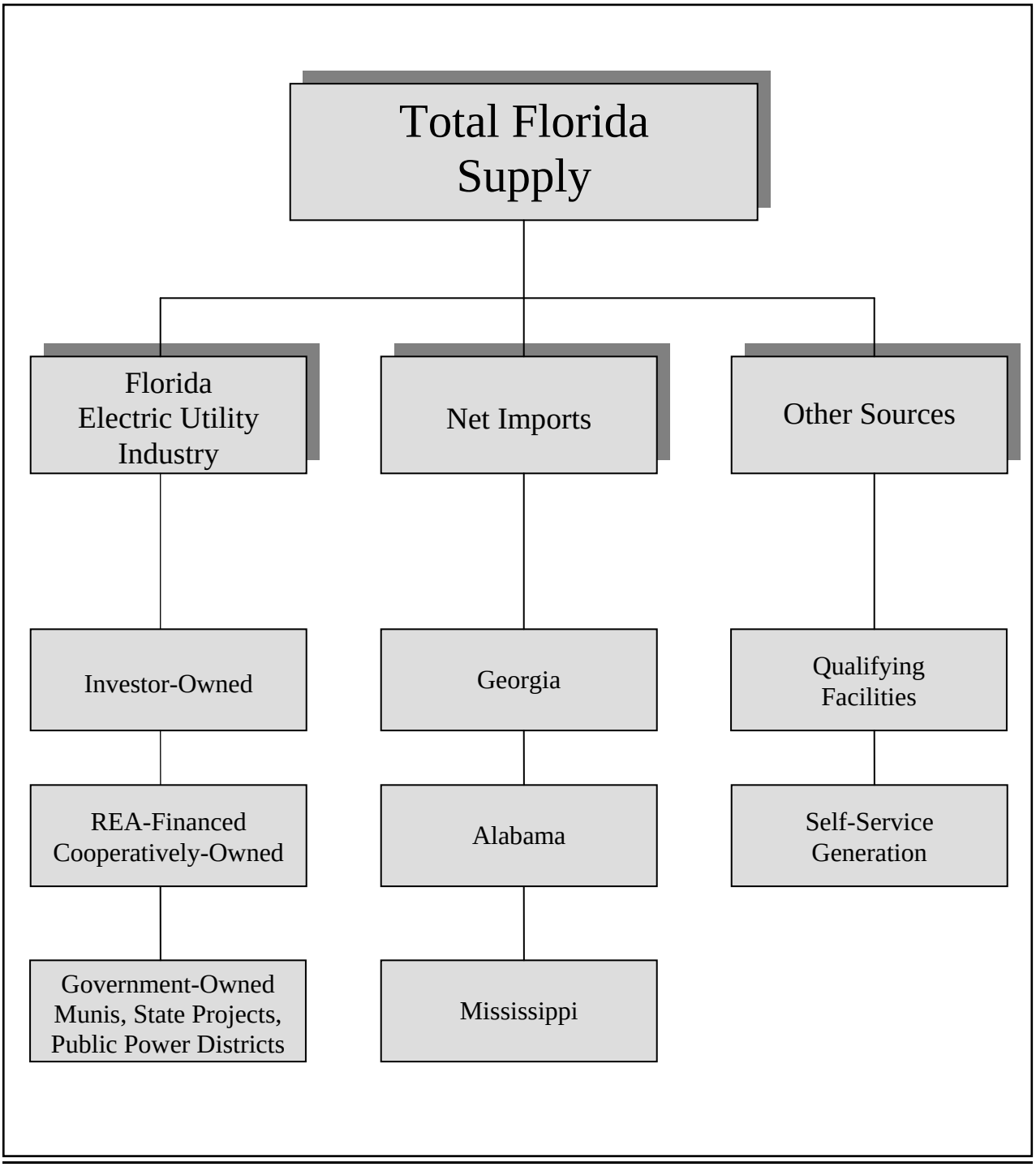
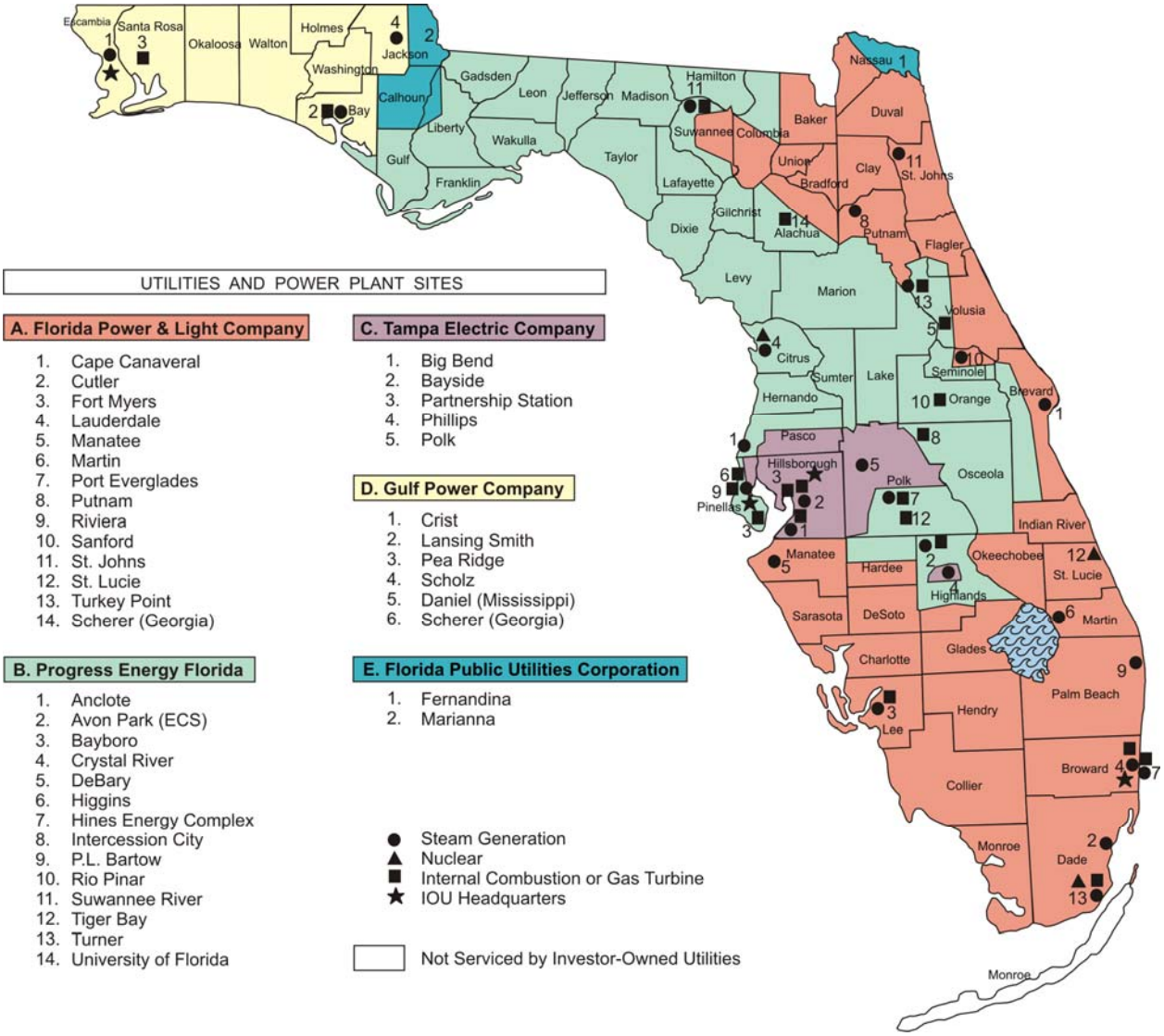


# Figure 2

Approximate Company Service Areas

# Investor-Owned Electric Utilities

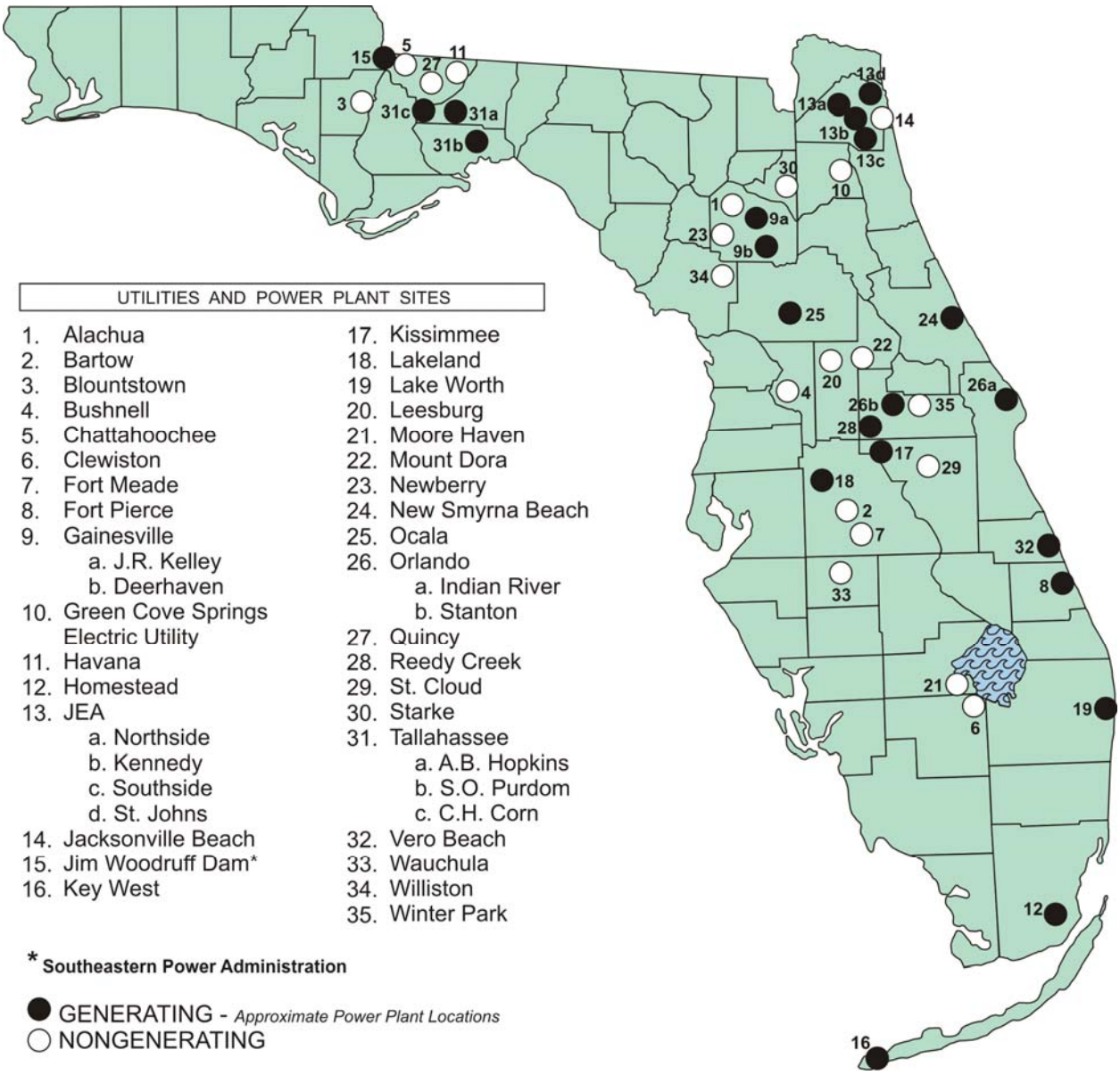



Service areas are approximations.
Information on this map should be used only as a general guideline.
For more detailed information, contact individual utilities.

Source:
Florida Public Service Commission

# Figure 3

# Municipal Electric Utilities

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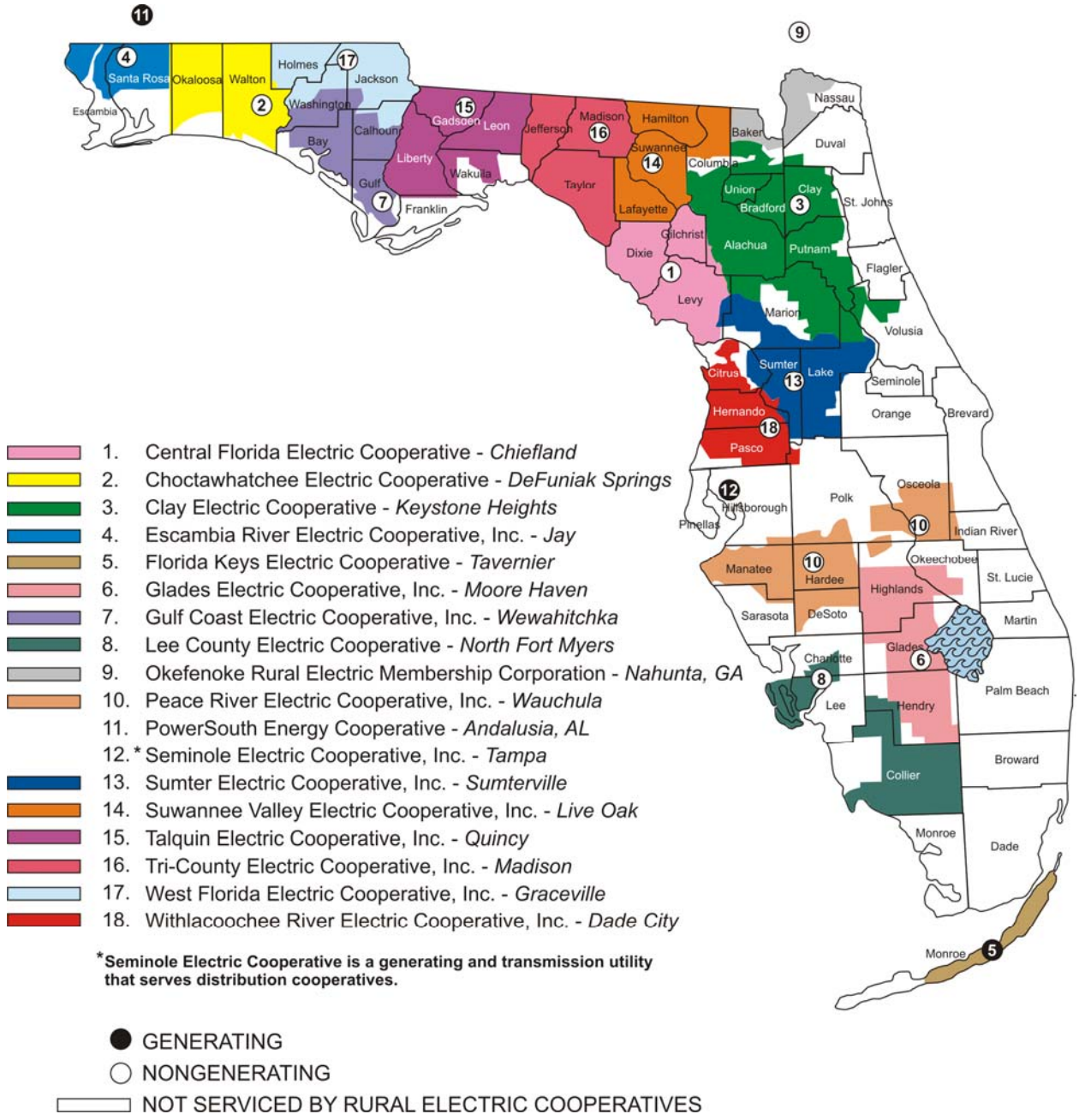
For more detailed information, contact individual utilities.

Source:
Florida Public Service Commission

# Figure 4

Approximate Company Service Areas

## Rural Electric Cooperatives




Service areas are approximations.
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For more detailed information, contact individual utilities.

Source:
Florida Public Service Commission

# Florida Electric Utility Industry
# 2011

**Investor-Owned Systems**

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

**Generating Municipal Systems**

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

**Generating Rural Electric Cooperatives**

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

**Generating - Other**

Southeastern Power Administration (SPA)
(Jim Woodruff Dam)

**Non-Generating Municipal Systems**

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

**Non-Generating Rural Electric Cooperatives**

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

*St. Cloud served by Orlando Utilities Commission

## Counties Served by Generating Electric Utilities
## 2011

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

## Counties Served by Non-Generating Electric Utilities
## 2011

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

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

# Table 1
# Summary Statistics
# 2007-2011

| | 2007 | Percent Change 2007-2008 | 2008 | Percent Change 2008-2009 | 2009 | Percent Change 2009-2010 | 2010 | Percent Change 2010-2011 | 2011 |
|---|---|---|---|---|---|---|---|---|---|
| I. Nameplate Capacity/Capability (MW)* | | | | | | | | | |
| A. By Prime Mover | | | | | | | | | |
| Conventional Steam | 22,089 | -1.7 | 21,719 | -9.7 | 19,611 | 4.9 | 20,563 | -3.2 | 19,909 |
| Internal Combustion and Gas Turbine | 16,481 | 0.1 | 16,499 | -49.8 | 8,280 | -10.0 | 7,454 | 9.8 | 8,184 |
| Combined Cycle | 7,799 | 6.8 | 8,333 | 143.3 | 20,275 | 4.8 | 21,245 | 7.8 | 22,908 |
| Hydroelectric | 63 | 0.0 | 63 | -17.6 | 52 | 0.0 | 52 | 0.0 | 52 |
| Steam - Nuclear | 3,896 | 0.9 | 3,931 | 1.5 | 3,991 | -2.0 | 3,913 | 0.9 | 3,947 |
| Other | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 |
| B. By Type of Ownership | | | | | | | | | |
| Investor-Owned | 38,203 | 0.0 | 38,218 | 4.1 | 39,788 | 0.9 | 40,161 | 3.0 | 41,367 |
| Municipal and Cooperatives | 12,123 | 1.7 | 12,326 | 1 | 12,420 | 5.2 | 13,065 | 4.3 | 13,633 |
| Total Nameplate Capacity/Capability | 50,326 | 0.4 | 50,544 | 3.3 | 52,208 | 1.9 | 53,226 | 3.3 | 54,999 |
| II. Interchange and Generation (GWH) | | | | | | | | | |
| A. By Prime Mover | | | | | | | | | |
| Conventional Steam | 96,011 | 0.0 | 89,412 | -15.9 | 75,240 | -0.2 | 75,106 | -11.4 | 66,536 |
| Internal Combustion and Combustion Turbine | 3,737 | 0.0 | 2,016 | 84.7 | 3,724 | 5.2 | 3,918 | -3.2 | 3,793 |
| Combined Cycle | 84,633 | 0.0 | 84,341 | 20.1 | 101,282 | 12.3 | 113,770 | 9.1 | 124,106 |
| Hydroelectric | 9 | 0.0 | 22 | 27.3 | 28 | -10.7 | 25 | -68.0 | 8 |
| Steam - Nuclear | 29,399 | 0.0 | 32,122 | -9.1 | 29,202 | -17.1 | 24,215 | -5.7 | 22,828 |
| B. By Fuel Type (GWH) | | | | | | | | | |
| Coal | 72,189 | -4.3 | 69,116 | -16.2 | 57,901 | 5.9 | 61,323 | -8.7 | 56,014 |
| Oil | 16,473 | -43.7 | 9,267 | -32.2 | 6,283 | -5.7 | 5,925 | -80.1 | 1,178 |
| Natural Gas | 95,719 | 1.7 | 97,386 | 19.2 | 116,062 | 8.2 | 125,546 | 9.3 | 137,243 |
| Nuclear | 29,399 | 9.3 | 32,122 | -9.1 | 29,202 | -17.1 | 24,215 | -5.7 | 22,828 |
| Hydroelectric | 9 | 144.4 | 22 | 27.3 | 28 | -10.7 | 25 | -68.0 | 8 |
| Total Generation | 213,789 | -2.7 | 207,913 | 0.8 | 209,476 | 3.6 | 217,034 | 0.1 | 217,271 |
| Net Interchange, Non-Utility Generators, and Other | 32,703 | 0.9 | 32,997 | -9.3 | 29,938 | 0.7 | 30,135 | -32.3 | 20,387 |
| Total Net Interchange and Generation | 246,492 | -2.3 | 240,910 | -0.6 | 239,414 | 3.2 | 247,169 | -3.8 | 237,658 |
| III. Sales to Ultimate Consumers (GWH) | | | | | | | | | |
| A. By Class of Customer | | | | | | | | | |
| Residential | 116,132 | -3.2 | 112,431 | 0.8 | 113,341 | 4.9 | 118,870 | -4.5 | 113,554 |
| Commercial | 82,758 | -0.7 | 82,205 | -1.5 | 80,939 | -1.0 | 80,128 | 0.2 | 80,284 |
| Industrial | 23,107 | -2.1 | 22,615 | -8.0 | 20,811 | -0.5 | 20,708 | -0.7 | 20,556 |
| Other | 6,209 | 0.1 | 6,214 | 0.1 | 6,221 | 0.0 | 6,224 | -0.5 | 6,192 |
| B. By Type of Ownership | | | | | | | | | |
| Investor-Owned | 176,561 | -1.8 | 173,297 | -1.0 | 171,539 | 2.3 | 175,426 | -2.0 | 171,851 |
| Municipal and Cooperatives | 51,645 | -2.9 | 50,168 | -0.8 | 49,773 | 1.5 | 50,504 | -3.5 | 48,735 |
| Total Sales to Ultimate Customer | 228,206 | -2.1 | 223,465 | -1.0 | 221,312 | 2.1 | 225,930 | -2.4 | 220,586 |
| IV. Utility Use and Losses and Net Wh. Resale (GWH) | 18,286 | -4.6 | 17,445 | 3.8 | 18,102 | 17.3 | 21,239 | -19.6 | 17,072 |

*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
# 2007-2011

| | 2007 | Percent Change 2007-2008 | 2008 | Percent Change 2008-2009 | 2009 | Percent Change 2009-2010 | 2010 | Percent Change 2010-2011 | 2011 |
|---|---|---|---|---|---|---|---|---|---|
| V. Florida Population (Thousands) | 18,251 | 0.4 | 18,328 | 1.1 | 18,538 | 0.8 | 18,678 | 2.0 | 19,058 |
| VI. Consumption per Capita (KWH) | | | | | | | | | |
| A. Total Sales per Capita | 12,504 | -2.5 | 12,193 | -2.1 | 11,938 | 1.3 | 12,096 | -4.3 | 11,574 |
| B. Residential Sales per Capita | 6,363 | -3.6 | 6,134 | -0.3 | 6,114 | 4.1 | 6,364 | -6.4 | 5,958 |
| VII. Net Generation per Capita (KWH) | 13,506 | -2.7 | 13,144 | -1.7 | 12,915 | 2.5 | 13,233 | -5.8 | 12,470 |
| VIII. Average Annual Residential Consumption per Customer (KWH) | 13,747 | -2.5 | 13,402 | 2.1 | 13,678 | 4.7 | 14,322 | -4.9 | 13,627 |
| IX. Number of Customers | | | | | | | | | |
| A. By Class of Service | | | | | | | | | |
| Residential | 8,627,911 | -6.0 | 8,112,295 | 1.1 | 8,198,739 | 0.4 | 8,233,064 | -1.3 | 8,122,768 |
| Commercial | 1,073,483 | -7.3 | 995,354 | 1.1 | 1,006,430 | 0.5 | 1,011,451 | -0.9 | 1,001,934 |
| Industrial | 49,041 | -40.8 | 29,030 | 0.6 | 29,192 | -4.9 | 27,752 | -13.5 | 24,014 |
| Other | 77,224 | -2.5 | 75,258 | -2.3 | 73,529 | -0.1 | 73,440 | 1.1 | 74,238 |
| Total | 9,827,659 | -6.3 | 9,211,937 | 1.0 | 9,307,891 | 0.4 | 9,345,707 | -1.3 | 9,222,953 |
| X. Customer Revenues | | | | | | | | | |
| A. By Class of Service (in Thousands) | | | | | | | | | |
| Residential | $13,277,193 | -4.2 | $12,718,094 | 9.1 | $13,879,777 | -5.4 | $13,130,852 | -3.2 | $12,705,770 |
| Commercial | 7,597,120 | 1.9 | 7,741,767 | 5.7 | 8,186,033 | -12.5 | 7,165,633 | 1.9 | 7,303,597 |
| Industrial | 2,324,045 | -10.1 | 2,089,924 | 11.1 | 2,322,558 | -19.5 | 1,869,629 | 7.9 | 2,017,392 |
| Other | 807,329 | -9.7 | 729,026 | 13.7 | 828,870 | -6.6 | 774,006 | 2.8 | 795,924 |
| Total | $24,005,687 | -3.0 | $23,278,811 | 8.3 | $25,217,238 | -9.0 | $22,940,120 | -0.5 | $22,822,684 |
| B. By Class of Service (as a % of Total) | | | | | | | | | |
| Residential | 55.3 % | | 54.6 % | | 55.0 % | | 57.2 % | | 55.7 % |
| Commercial | 31.6 | | 33.3 | | 32.5 | | 31.2 | | 32.0 |
| Industrial | 9.7 | | 9.0 | | 9.2 | | 8.2 | | 8.8 |
| Other | 3.4 | | 3.1 | | 3.3 | | 3.4 | | 3.5 |
| Total | 100 % | | 100 % | | 100 % | | 100 % | | 100 % |

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

# Table 2
# Allowed and Actual Rates of Return
# 2007-2011

| | 2007 | Change (%) 2007-2008 | 2008 | Change (%) 2008-2009 | 2009 | Change (%) 2009-2010 | 2010 | Change (%) 2010-2011 | 2011 |
|---|---|---|---|---|---|---|---|---|---|
| **Average per Book Rate of Return** | | | | | | | | | |
| Florida Power & Light Company | 8.78 % | -12.76 | 7.66 % | -6.01 | 7.20 % | 3.33 | 7.44 % | -0.94 | 7.37 % |
| Gulf Power Company | 7.67 | -3.39 | 7.41 | -6.75 | 6.91 | -1.74 | 6.79 | -18.11 | 5.56 |
| Progress Energy Florida, Inc. | 8.01 | -3.25 | 7.75 | -7.23 | 7.19 | 7.09 | 7.70 | -31.04 | 5.31 |
| Tampa Electric Company | 7.84 | -9.82 | 7.07 | -0.14 | 7.06 | 11.90 | 7.90 | -5.06 | 7.50 |
| **Average Adjusted Rate of Return** | | | | | | | | | |
| Florida Power & Light Company | 7.75 % | -9.68 | 7.00 % | -6.57 | 6.54 % | 5.35 | 6.89 % | 0.15 | 6.90 % |
| Gulf Power Company | 7.68 | 0.39 | 7.71 | -13.36 | 6.68 | -10.78 | 5.96 | -29.53 | 4.20 |
| Progress Energy Florida, Inc. | 8.53 | -9.73 | 7.70 | -5.19 | 7.30 | 10.14 | 8.04 | -33.33 | 5.36 |
| Tampa Electric Company | 7.75 | -10.06 | 6.97 | 2.01 | 7.11 | 13.78 | 8.09 | -7.66 | 7.47 |
| **Required Rate of Return*** | | | | | | | | | |
| Florida Power & Light Company | 7.67 % | -3.13 | 7.43 % | -1.75 | 7.30 % | -12.05 | 6.42 % | 0.16 | 6.43 % |
| Gulf Power Company | 8.86 | -14.33 | 7.59 | -6.59 | 7.09 | -2.26 | 6.93 | -0.43 | 6.90 |
| Progress Energy Florida, Inc. | 8.98 | -2.90 | 8.72 | -1.83 | 8.56 | -10.16 | 7.69 | -4.81 | 7.32 |
| Tampa Electric Company | 7.90 | 5.44 | 8.33 | -3.72 | 8.02 | -2.00 | 7.86 | -2.29 | 7.68 |
| **Adjusted Jurisdictional Year-End Rate Base (Millions)** | | | | | | | | | |
| Florida Power & Light Company | $14,417 | 4.11 | $15,009 | 11.72 | $16,768 | 1.24 | $16,976 | 14.15 | $19,378 |
| Gulf Power Company | 1,317 | 2.35 | 1,348 | 4.38 | 1,407 | 6.75 | 1,502 | 10.25 | 1,656 |
| Progress Energy Florida, Inc. | 4,934 | 5.01 | 5,181 | 21.77 | 6,309 | 5.23 | 6,639 | 9.44 | 7,266 |
| Tampa Electric Company | 3,189 | 4.52 | 3,333 | 8.49 | 3,616 | 1.94 | 3,686 | 4.40 | 3,848 |

*Average Capital Structure - Midpoint

Source: December Earnings Surveillance Reports, Schedule 1

# Table 3
# Sources of Revenue
# Investor-Owned Electric Utilities
# (Percentage of Total Sales)
# 2007-2011

| | 2007 | Change (%) 2007-2008 | 2008 | Change (%) 2008-2009 | 2009 | Change (%) 2009-2010 | 2010 | Change (%) 2010-2011 | 2011 |
|---|---|---|---|---|---|---|---|---|---|
| **Florida Power & Light Company** | | | | | | | | | |
| Residential | 54.87 % | -1.16 | 54.24 % | 1.77 | 55.20 % | 3.13 | 56.93 % | -1.67 | 55.98 % |
| Commercial | 39.90 | 2.31 | 40.82 | -0.87 | 40.46 | -4.98 | 38.45 | 2.43 | 39.38 |
| Industrial | 2.80 | -3.30 | 2.71 | -9.03 | 2.46 | -12.75 | 2.15 | 2.17 | 2.20 |
| Other | 0.78 | 0.68 | 0.78 | -2.25 | 0.77 | 8.83 | 0.83 | -0.66 | 0.83 |
| Resale | 1.65 | -12.09 | 1.45 | -23.69 | 1.11 | 48.42 | 1.64 | -1.58 | 1.62 |
| Total Sales (Millions) | $11,453.76 | 0.07 | $11,462.11 | 1.84 | $11,672.73 | -14.54 | $9,976.05 | 4.23 | $10,398.45 |
| **Gulf Power Company** | | | | | | | | | |
| Residential | 44.13 % | -2.42 | 43.06 % | 7.69 | 46.38 % | -2.70 | 45.12 % | -4.91 | 42.91 % |
| Commercial | 27.14 | 0.32 | 27.22 | 10.26 | 30.01 | -6.76 | 27.98 | -1.54 | 27.55 |
| Industrial | 11.18 | 8.18 | 12.09 | -7.29 | 11.21 | -10.67 | 10.01 | 7.02 | 10.72 |
| Other | 1.73 | 34.94 | 2.33 | 26.38 | 2.95 | -6.15 | 2.76 | -6.44 | 2.59 |
| Resale | 15.83 | -3.40 | 15.29 | -38.18 | 9.45 | 49.29 | 14.11 | 15.03 | 16.24 |
| Total Sales (Millions) | $1,242.48 | 5.21 | $1,307.20 | 5.49 | $1,378.93 | 12.67 | $1,553.70 | -2.59 | $1,513.51 |
| **Progress Energy Florida, Inc.** | | | | | | | | | |
| Residential | 57.21 % | -0.48 | 56.94 % | 0.71 | 57.34 % | 4.14 | 59.72 % | -2.58 | 58.18 % |
| Commercial | 28.06 | 1.17 | 28.39 | 0.25 | 28.46 | -5.11 | 27.01 | 4.06 | 28.10 |
| Industrial | 7.34 | -0.34 | 7.31 | -8.43 | 6.70 | -8.28 | 6.14 | 4.16 | 6.40 |
| Other | 7.39 | -0.40 | 7.36 | 1.87 | 7.50 | -4.88 | 7.13 | 2.65 | 7.32 |
| Resale | 10.62 | 30.39 | 13.85 | -35.76 | 8.89 | -15.31 | 7.53 | -24.41 | 5.69 |
| Total Sales (Millions) | $4,103.16 | -3.41 | $3,963.35 | 16.35 | $4,611.20 | 0.36 | $4,627.70 | -9.24 | $4,199.94 |
| **Tampa Electric Company** | | | | | | | | | |
| Residential | 48.18 % | -0.79 | 47.79 % | 2.41 | 48.95 % | 3.56 | 50.69 % | -0.70 | 50.33 % |
| Commercial | 30.93 | 0.56 | 31.11 | 0.17 | 31.16 | -4.10 | 29.88 | 3.73 | 31.00 |
| Industrial | 9.05 | -4.59 | 8.63 | 0.66 | 8.69 | -0.36 | 8.66 | -5.76 | 8.16 |
| Other | 8.44 | 7.12 | 9.04 | 2.16 | 9.24 | -4.34 | 8.84 | 6.06 | 9.37 |
| Resale | 3.40 | 0.69 | 3.43 | -42.57 | 1.97 | -1.63 | 1.94 | -41.11 | 1.14 |
| Total Sales (Millions) | $2,112.99 | -2.79 | $2,054.09 | 7.66 | $2,211.48 | -2.85 | $2,148.52 | -8.01 | $1,976.32 |

Source: Form PSC/SCR - 4
FERC Form 1

# Table 4
# Uses of Revenue
# Investor-Owned Electric Utilities
# (Percentage of Total Operating Revenue)
# 2007-2011

| | 2007 | Change (%) 2007-2008 | 2008 | Change (%) 2008-2009 | 2009 | Change (%) 2009-2010 | 2010 | Change (%) 2010-2011 | 2011 |
|---|---|---|---|---|---|---|---|---|---|
| **Florida Power & Light Company** | | | | | | | | | |
| Fuel | 48.92 % | -0.38 | 48.74 % | -12.88 | 42.46 % | -7.28 | 39.37 % | -9.84 | 35.49 % |
| Other Operation and Maintenance | 21.91 | -1.86 | 21.50 | 14.75 | 24.67 | -4.96 | 23.45 | 16.36 | 27.28 |
| Depreciation and Amortization | 6.04 | 6.10 | 6.41 | 35.38 | 8.68 | 2.13 | 8.86 | -14.03 | 7.62 |
| Taxes Other Than Income Taxes | 8.91 | 3.62 | 9.23 | 3.50 | 9.55 | 2.75 | 9.81 | 2.28 | 10.04 |
| Income Taxes | 4.69 | -0.72 | 4.66 | 8.02 | 5.03 | 27.23 | 6.40 | 1.35 | 6.49 |
| Interest | 2.55 | 10.63 | 2.82 | -2.09 | 2.76 | 24.71 | 3.44 | 5.51 | 3.63 |
| Utility Net Operating Income Less Interest | 6.98 | -4.81 | 6.65 | 3.01 | 6.85 | 26.50 | 8.66 | 9.05 | 9.45 |
| Total Operating Revenue (Millions) | $11,620.01 | 0.23 | $11,646.79 | -1.37 | $11,487.76 | -8.75 | $10,482.02 | 1.21 | $10,609.21 |
| **Gulf Power Company** | | | | | | | | | |
| Fuel | 44.67 % | 1.46 | 45.32 % | -6.11 | 42.55 % | 7.95 | 45.94 % | -5.72 | 43.31 % |
| Other Operation and Maintenance | 27.99 | 1.43 | 28.39 | 0.53 | 28.54 | -14.12 | 24.51 | 9.01 | 26.71 |
| Depreciation and Amortization | 6.92 | -10.03 | 6.22 | 16.56 | 7.25 | 6.19 | 7.70 | 11.54 | 8.59 |
| Taxes Other Than Income Taxes | 6.59 | -4.53 | 6.29 | 15.38 | 7.26 | -11.80 | 6.40 | 4.14 | 6.66 |
| Income Taxes | 3.66 | 9.95 | 4.02 | 3.77 | 4.17 | 7.88 | 4.50 | -8.58 | 4.12 |
| Interest | 3.55 | -12.40 | 3.11 | -5.19 | 2.95 | 10.80 | 3.26 | 17.24 | 3.83 |
| Utility Net Operating Income Less Interest | 6.64 | 0.21 | 6.65 | 9.52 | 7.28 | 5.57 | 7.69 | -11.81 | 6.78 |
| Total Operating Revenue (Millions) | $1,259.93 | 10.12 | $1,387.37 | -6.12 | $1,302.43 | 22.11 | $1,590.37 | -4.43 | $1,519.95 |
| **Progress Energy Florida, Inc.** | | | | | | | | | |
| Fuel | 36.15 % | 16.40 | 42.08 % | -13.10 | 36.56 % | 3.16 | 37.72 % | 0.59 | 37.94 % |
| Other Operation and Maintenance | 36.51 | 0.21 | 36.58 | -19.12 | 29.59 | 13.17 | 33.49 | 15.41 | 38.65 |
| Depreciation and Amortization | 8.09 | -98.77 | 0.10 | 11,611.86 | 11.65 | -72.52 | 3.20 | -135.26 | -1.13 |
| Taxes Other Than Income Taxes | 6.58 | -0.68 | 6.54 | 1.10 | 6.61 | 4.16 | 6.89 | 17.22 | 8.07 |
| Income Taxes | 3.33 | 24.28 | 4.13 | 4.49 | 4.32 | 33.00 | 5.75 | -23.16 | 4.42 |
| Interest | 3.62 | 21.49 | 4.40 | -0.02 | 4.40 | 11.46 | 4.90 | 11.46 | 5.46 |
| Utility Net Operating Income Less Interest | 5.72 | 7.76 | 6.17 | 11.40 | 6.87 | 17.31 | 8.06 | -18.26 | 6.59 |
| Total Operating Revenue (Millions) | $4,692.52 | 0.82 | $4,730.89 | 10.99 | $5,250.62 | 0.06 | $5,253.98 | -16.84 | $4,369.04 |
| **Tampa Electric Company** | | | | | | | | | |
| Fuel | 39.87 % | 10.65 | 44.12 % | -16.14 | 37.00 % | -5.83 | 34.84 % | 5.58 | 36.78 % |
| Other Operation and Maintenance | 28.32 | 9.11 | 30.90 | -18.05 | 25.32 | 2.63 | 25.99 | -7.71 | 23.98 |
| Depreciation and Amortization | 14.07 | -73.04 | 3.79 | 302.50 | 15.26 | -19.59 | 12.27 | -18.37 | 10.02 |
| Taxes Other Than Income Taxes | 6.53 | -0.21 | 6.51 | -1.10 | 6.44 | 2.07 | 6.57 | 8.14 | 7.11 |
| Income Taxes | -0.39 | -934.25 | 3.25 | 31.48 | 4.27 | 28.30 | 5.48 | 12.02 | 6.14 |
| Interest | 5.22 | 4.87 | 5.47 | -6.35 | 5.12 | 8.33 | 5.55 | 8.64 | 6.03 |
| Utility Net Operating Income Less Interest | 6.39 | -6.74 | 5.95 | 10.44 | 6.58 | 41.27 | 9.29 | 6.92 | 9.93 |
| Total Operating Revenue (Millions) | $2,150.65 | -2.55 | $2,095.84 | 8.21 | $2,267.93 | -2.55 | $2,210.06 | -8.62 | $2,019.64 |

Source: FERC Form 1

# Table 5
# Proprietary Capital and Long-Term Debt
# Investor-Owned Electric Utilities
# 2011

| | Florida Power & Light Company | Gulf Power Company | Progress Energy Florida, Inc. | Tampa Electric Company |
|---|---|---|---|---|
| **Proprietary Capital (Thousands)** | | | | |
| Common Stock | $1,373,069 | $353,060 | $354,405 | $119,697 |
| Preferred Stock | 0 | 100,000 | 33,497 | 0 |
| Retained Earnings | 4,013,423 | 231,333 | 2,945,335 | 192,157 |
| Other Paid-In Capital | 5,467,000 | 542,709 | 1,402,649 | 1,567,840 |
| Other Adjustments | -203,742 | -4,156 | -26,629 | -3,787 |
| Total Proprietary Capital | $10,649,750 | $1,222,946 | $4,709,257 | $1,875,907 |
| **Long-Term Debt (Thousands)** | | | | |
| Bonds | $7,509,229 | $0 | $4,340,865 | $1,768,835 |
| Other Long-Term Debt and/or Adjustments | -34,094 | 1,235,447 | 141,082 | -663 |
| Total Long-Term Debt | $7,475,135 | $1,235,447 | $4,481,947 | $1,768,172 |
| Total Proprietary Capital and Long-Term Debt | $18,124,885 | $2,458,393 | $9,191,204 | $3,644,079 |
| **Proprietary Capital** | | | | |
| Common Stock | 7.6 % | 14.4 % | 3.9 % | 3.3 % |
| Preferred Stock | 0.0 | 4.1 | 0.4 | 0.0 |
| Retained Earnings | 22.1 | 9.4 | 32.0 | 5.3 |
| Other Paid-In Capital | 30.2 | 22.1 | 15.3 | 43.0 |
| Other Adjustments | -1.1 | -0.2 | -0.3 | -0.1 |
| Total Proprietary Capital | 58.8 % | 49.7 % | 51.2 % | 51.5 % |
| **Long-Term Debt** | | | | |
| Bonds | 41.4 % | 0.0 % | 47.2 % | 48.5 % |
| Other Long-Term Debt and/or Adjustments | -0.2 | 50.3 | 1.5 | 0.0 |
| Total Long-Term Debt | 41.2 % | 50.3 % | 48.8 % | 48.5 % |
| Total Proprietary Capital and Long-Term Debt | 100.0 % | 100.0 % | 100.0 % | 100.0 % |

Source: FERC Form 1

# Table 6
# Financial Integrity Indicators
# Investor-Owned Electric Utilities
# 2007-2011

| | 2007 | Change (%) 2007-2008 | 2008 | Change (%) 2008-2009 | 2009 | Change (%) 2009-2010 | 2010 | Change (%) 2010-2011 | 2011 |
|---|---|---|---|---|---|---|---|---|---|
| **Times Interest Earned with AFUDC** | | | | | | | | | |
| Florida Power & Light Company | 5.16 % | -11.63 | 4.56 % | 6.36 | 4.85 % | 4.74 | 5.08 % | 4.33 | 5.30 % |
| Gulf Power Company | 3.95 | 10.63 | 4.37 | 4.35 | 4.56 | 1.75 | 4.64 | -18.53 | 3.78 |
| Progress Energy Florida, Inc. | 4.46 | -22.42 | 3.46 | 4.34 | 3.61 | 2.22 | 3.69 | -42.55 | 2.12 |
| Tampa Electric Company | 3.07 | -6.84 | 2.86 | 9.79 | 3.14 | 17.20 | 3.68 | 0.00 | 3.68 |
| **Times Interest Earned without AFUDC** | | | | | | | | | |
| Florida Power & Light Company | 5.04 % | -12.70 | 4.40 % | 5.23 | 4.63 % | 6.70 | 4.94 % | 4.66 | 5.17 % |
| Gulf Power Company | 3.88 | 4.90 | 4.07 | -4.91 | 3.87 | 14.99 | 4.45 | -20.22 | 3.55 |
| Progress Energy Florida, Inc. | 4.16 | -29.57 | 2.93 | 7.51 | 3.15 | 12.38 | 3.54 | -45.20 | 1.94 |
| Tampa Electric Company | 3.01 | -7.64 | 2.78 | 8.99 | 3.03 | 20.46 | 3.65 | 0.27 | 3.66 |
| **AFUDC as a Percentage of Net Income Interest Coverage Ratio** | | | | | | | | | |
| Florida Power & Light Company | 3.71 % | 57.68 | 5.85 % | 35.73 | 7.94 % | -40.81 | 4.70 % | -12.13 | 4.13 % |
| Gulf Power Company | 3.59 | 251.53 | 12.62 | 111.09 | 26.64 | -72.26 | 7.39 | 59.00 | 11.75 |
| Progress Energy Florida, Inc. | 16.84 | 90.56 | 32.09 | -19.98 | 25.68 | -63.94 | 9.26 | 59.40 | 14.76 |
| Tampa Electric Company | 3.68 | 55.16 | 5.71 | 38.35 | 7.90 | -84.68 | 1.21 | -43.80 | 0.68 |
| **Percent Internally Generated Funds** | | | | | | | | | |
| Florida Power & Light Company | 43.03 % | 85.20 | 79.69 % | 25.89 | 100.32 % | -34.76 | 65.45 % | -2.78 | 63.63 % |
| Gulf Power Company | 58.61 | -60.09 | 23.39 | -47.80 | 12.21 | 345.37 | 54.38 | 33.89 | 72.81 |
| Progress Energy Florida, Inc. | 51.79 | -77.51 | 11.65 | 536.39 | 74.14 | 56.82 | 116.27 | -62.66 | 43.42 |
| Tampa Electric Company | 77.77 | -53.81 | 35.92 | 143.46 | 87.45 | 61.54 | 141.27 | -8.61 | 129.10 |

Source: December Earnings Surveillance Reports, Schedule 5

# Net Generation

# Table 7
# Net Generation by Type of Ownership*
# 1997-2011

| Year | Total for State (GWH) | Investor-Owned | | Others** | |
|---|---|---|---|---|---|
| | | Quantity (GWH) | Percent of Total | Quantity (GWH) | Percent of Total |
| 1997 | 161,961 | 122,264 | 75.5 | 39,697 | 24.5 |
| 1998 | 181,147 | 139,909 | 77.2 | 41,238 | 22.8 |
| 1999 | 178,773 | NR | - | NR | - |
| 2000 | 178,253 | NR | - | NR | - |
| 2001 | 178,485 | NR | - | NR | - |
| 2002 | 187,863 | NR | - | NR | - |
| 2003 | 196,563 | NR | - | NR | - |
| 2004 | 198,372 | NR | - | NR | - |
| 2005 | 204,476 | NR | - | NR | - |
| 2006 | 211,286 | NR | - | NR | - |
| 2007 | 213,789 | NR | - | NR | - |
| 2008 | 207,913 | NR | - | NR | - |
| 2009 | 209,476 | NR | - | NR | - |
| 2010 | 217,034 | NR | - | NR | - |
| 2011 | 217,271 | NR | - | NR | - |

NR=Not Reported
*Does not include Net Interchange and Non-Utility Generators generation. See Table 8.
**Includes municipals, rural electric cooperatives, and federally-owned utilities.

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

# Table 8
# Net Energy for Load by Fuel Type and Other Sources*
# 1997-2011

| Year | Coal | | Oil | | Natural Gas | | Nuclear | | Hydro | | Subtotal | Other Sources | | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GWH | Percent | GWH | Percent | GWH | Percent | GWH | Percent | GWH | Percent | | NUG | Other** | |
| 1997 | 74,219 | 45.8 | 32,561 | 20.1 | 33,123 | 20.5 | 22,000 | 13.6 | 58 | 0.0 | 161,961 | | | |
| 1998 | 73,184 | 40.4 | 46,430 | 25.6 | 31,319 | 17.3 | 30,168 | 16.7 | 46 | 0.0 | 181,147 | | | |
| 1999 | 78,413 | 43.9 | 33,550 | 18.8 | 34,964 | 19.6 | 31,772 | 17.8 | 74 | 0.0 | 178,773 | 12,820 | 8,781 | 200,374 |
| 2000*** | 76,050 | 42.7 | 32,763 | 18.4 | 36,878 | 20.7 | 32,555 | 18.3 | 7 | 0.0 | 178,253 | 12,461 | 18,372 | 209,086 |
| 2001 | 73,005 | 40.9 | 34,858 | 19.5 | 39,032 | 21.9 | 31,568 | 17.7 | 22 | 0.0 | 178,485 | 13,613 | 18,880 | 210,978 |
| 2002 | 71,092 | 37.8 | 27,494 | 14.6 | 55,734 | 29.7 | 33,524 | 17.8 | 19 | 0.0 | 187,863 | 8,570 | 26,209 | 222,642 |
| 2003 | 76,294 | 38.8 | 29,030 | 14.8 | 60,132 | 30.6 | 31,069 | 15.8 | 38 | 0.0 | 196,563 | 8,075 | 25,952 | 230,590 |
| 2004 | 68,708 | 34.6 | 28,513 | 14.4 | 69,901 | 35.2 | 31,220 | 15.7 | 30 | 0.0 | 198,372 | 6,960 | 28,440 | 233,772 |
| 2005 | 69,683 | 34.1 | 28,096 | 13.7 | 78,032 | 38.2 | 28,632 | 14.0 | 33 | 0.0 | 204,476 | 7,564 | 28,127 | 240,167 |
| 2006 | 70,859 | 33.5 | 16,164 | 7.7 | 92,821 | 43.9 | 31,429 | 14.9 | 13 | 0.0 | 211,286 | 5,509 | 27,268 | 244,063 |
| 2007 | 72,189 | 33.8 | 16,473 | 7.7 | 95,719 | 44.8 | 29,399 | 13.8 | 9 | 0.0 | 213,789 | 3,635 | 29,068 | 246,492 |
| 2008 | 69,116 | 33.2 | 9,267 | 4.5 | 97,386 | 46.8 | 32,122 | 15.4 | 22 | 0.0 | 207,913 | 2,881 | 30,116 | 240,910 |
| 2009 | 57,901 | 27.6 | 6,283 | 3.0 | 116,062 | 55.4 | 29,202 | 13.9 | 28 | 0.0 | 209,476 | 2,956 | 26,982 | 239,414 |
| 2010 | 61,323 | 28.3 | 5,925 | 2.7 | 125,546 | 57.8 | 24,215 | 11.2 | 25 | 0.0 | 217,034 | 2,971 | 27,164 | 247,169 |
| 2011 | 56,014 | 25.8 | 1,178 | 0.5 | 137,243 | 63.2 | 22,828 | 10.5 | 8 | 0.0 | 217,271 | 2,611 | 17,776 | 237,658 |

*Percentages are calculated for fuel sources only.

**Other includes inter-region interchange.

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

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

# Table 9
# Interchange and Generation by Fuel Type
# (Gigawatt-Hours)
# 2011-2021

| Year | Net Energy for Load | Interchange & Other* | Nuclear | Coal | Oil | Natural Gas | Hydro | NUG** |
|---|---|---|---|---|---|---|---|---|
| 2011 *** | 237,658 | 17,776 | 22,828 | 56,014 | 1,178 | 137,243 | 8 | 2,611 |
| 2012 | 238,645 | 14,286 | 20,576 | 50,634 | 1,371 | 148,964 | 21 | 2,793 |
| 2013 | 241,632 | 13,560 | 27,924 | 55,276 | 691 | 141,580 | 21 | 2,580 |
| 2014 | 245,318 | 12,732 | 30,540 | 56,849 | 556 | 142,972 | 21 | 1,648 |
| 2015 | 250,598 | 12,863 | 36,392 | 57,135 | 559 | 141,973 | 21 | 1,655 |
| 2016 | 254,549 | 12,582 | 37,855 | 59,572 | 649 | 142,214 | 18 | 1,659 |
| 2017 | 258,198 | 12,091 | 38,356 | 60,807 | 609 | 144,655 | 20 | 1,660 |
| 2018 | 261,484 | 11,808 | 36,437 | 61,757 | 625 | 149,173 | 21 | 1,663 |
| 2019 | 265,337 | 10,487 | 38,245 | 63,550 | 691 | 150,675 | 21 | 1,668 |
| 2020 | 270,297 | 10,944 | 37,834 | 62,946 | 773 | 156,102 | 21 | 1,677 |
| 2021 | 275,519 | 10,840 | 42,044 | 63,874 | 793 | 156,271 | 21 | 1,676 |

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

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

# Table 10
# Interchange and Generation by Fuel Type
# (Percentage of Gigawatt-Hours)
# 2011-2021

| Year | Net Energy for Load | Interchange & Other* | Nuclear | Coal | Oil | Natural Gas | Hydro | NUG** |
|---|---|---|---|---|---|---|---|---|
| 2011 *** | 100.0% | 8.1% | 13.7% | 27.6% | 0.9% | 48.6% | 0.0% | 1.1% |
| 2012 | 100.0% | 7.5% | 14.7% | 28.5% | 0.6% | 47.7% | 0.0% | 1.0% |
| 2013 | 100.0% | 7.3% | 14.9% | 27.5% | 0.4% | 49.3% | 0.0% | 0.6% |
| 2014 | 100.0% | 7.9% | 14.2% | 27.7% | 0.5% | 49.1% | 0.0% | 0.6% |
| 2015 | 100.0% | 6.1% | 14.3% | 27.4% | 0.7% | 50.9% | 0.0% | 0.6% |
| 2016 | 100.0% | 6.2% | 13.9% | 27.5% | 0.8% | 51.1% | 0.0% | 0.6% |
| 2017 | 100.0% | 6.4% | 13.8% | 26.7% | 0.8% | 51.9% | 0.0% | 0.6% |
| 2018 | 100.0% | 5.7% | 15.2% | 26.5% | 0.8% | 51.4% | 0.0% | 0.5% |
| 2019 | 100.0% | 5.7% | 15.2% | 26.5% | 0.8% | 51.4% | 0.0% | 0.5% |
| 2020 | 100.0% | 4.8% | 13.4% | 25.1% | 0.7% | 55.5% | 0.0% | 0.6% |
| 2021 | 100.0% | 3.9% | 15.3% | 23.2% | 0.3% | 56.7% | 0.0% | 0.6% |

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

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

# Generating Capacity and Capability

# Table 11
# Installed Nameplate Capacity/Summer Net Capability by Prime Mover*
# (Megawatts)
# 1997-2011

| Year | Hydro-Electric | Conventional Steam | Nuclear Steam | Combustion Turbine | Internal Combustion | Combined Cycle | Other | Total* |
|---|---|---|---|---|---|---|---|---|
| 1997 | 21 | 28,848 | 4,110 | 6,221 | 229 | 3,181 | | 42,610 |
| 1998 | 21 | 28,885 | 4,110 | 6,234 | 259 | 2,854 | | 42,363 |
| 1999 | 19 | 27,456 | 4,110 | 6,580 | 262 | 4,610 | | 43,037 |
| 2000 * | 19 | 25,664 | 3,174 | 6,260 | 241 | 4,326 | 114 | 39,798 |
| 2001 * | 58 | 23,537 | 3,898 | 6,743 | 245 | 6,028 | 6 | 40,515 |
| 2002 * | 58 | 23,360 | 3,898 | 6,849 | 291 | 8,889 | 6 | 43,351 |
| 2003 * | 59 | 22,336 | 3,902 | 6,858 | 294 | 11,642 | 6 | 45,097 |
| 2004 * | 58 | 22,128 | 3,902 | 7,217 | 297 | 12,273 | 0 | 45,875 |
| 2005 * | 63 | 22,099 | 3,903 | 9,589 | 275 | 12,399 | 110 | 48,437 |
| 2006 * | 367 | 16,735 | 3,903 | 21,092 | 246 | 7,946 | 0 | 50,288 |
| 2007 * | 63 | 22,089 | 3,896 | 16,216 | 265 | 7,799 | 0 | 50,326 |
| 2008 * | 63 | 21,719 | 3,931 | 16,260 | 239 | 8,333 | 0 | 50,544 |
| 2009 * | 52 | 19,611 | 3,991 | 8,096 | 184 | 20,275 | 0 | 52,208 |
| 2010 * | 52 | 20,563 | 3,913 | 7,278 | 175 | 21,245 | 0 | 53,226 |
| 2011 * | 52 | 19,909 | 3,947 | 8,013 | 171 | 22,908 | 0 | 54,999 |

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

Sources: EIA Form 759
FPSC Form AFAD (RRR)-2
Regional Load and Resource Plan, FRCC. See Table 14.

# Table 12
# Installed Nameplate Capacity/Summer Net Capability
# by Type of Ownership
# (Megawatts)
# 1997-2011

| Year | Total for State | Investor-Owned | | Municipals, Rural Electric Cooperatives, and Other | |
|---|---|---|---|---|---|
| | | Quantity | Percent of Total | Quantity | Percent of Total |
| 1997 | 42,610 | 33,034 | 77.53 | 9,576 | 22.47 |
| 1998 | 42,363 | 32,094 | 75.76 | 10,270 | 24.24 |
| 1999 | 43,037 | 32,969 | 76.61 | 10,068 | 23.39 |
| 2000* | 39,798 | 30,535 | 76.72 | 9,263 | 23.28 |
| 2001* | 40,515 | 30,109 | 74.32 | 10,406 | 25.68 |
| 2002* | 43,351 | 31,765 | 73.27 | 11,586 | 26.73 |
| 2003* | 45,097 | 33,293 | 73.82 | 11,804 | 26.18 |
| 2004* | 45,875 | 34,171 | 74.49 | 11,704 | 25.51 |
| 2005* | 48,437 | 36,486 | 75.33 | 11,951 | 24.67 |
| 2006* | 50,288 | 37,817 | 75.20 | 12,471 | 24.80 |
| 2007* | 50,326 | 38,203 | 75.91 | 12,123 | 24.09 |
| 2008* | 50,544 | 38,218 | 75.61 | 12,326 | 24.39 |
| 2009* | 52,208 | 39,788 | 76.21 | 12,420 | 23.79 |
| 2010* | 53,226 | 40,161 | 75.45 | 13,065 | 24.55 |
| 2011* | 54,999 | 41,367 | 75.21 | 13,633 | 24.79 |

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

Sources: EIA Form 759
FPSC Form AFAD (RRR)-2
Regional Load and Resource Plan, FRCC

# Table 13
# Installed Winter Net Capacity and Summer Net Capability by Utility (MW)*
# 2007-2011

| Utility | 2011 | | 2010 | | 2009 | | 2008 | | 2007 | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Winter Net Capacity | Summer Net Capability | Winter Net Capacity | Summer Net Capability | Winter Net Capacity | Summer Net Capability | Winter Net Capacity | Summer Net Capability | Winter Net Capacity | Summer Net Capability |
| Florida Power & Light Company | 23,748 | 22,508 | 22,841 | 21,766 | 25,843 | 24,506 | 23,357 | 22,095 | 23,492 | 22,137 |
| Gulf Power Company* | 2,725 | 2,686 | 2,725 | 2,686 | 2,742 | 2,703 | 2,018 | 1,979 | 2,144 | 1,887 |
| Progress Energy Florida, Inc. | 10,169 | 9,145 | 11,006 | 9,786 | 10,931 | 9,774 | 10,274 | 9,289 | 10,285 | 9,150 |
| Tampa Electric Company | 4,684 | 4,292 | 4,684 | 4,292 | 4,719 | 4,332 | 4,438 | 4,061 | 4,604 | 4,202 |
| Florida Keys Electric Co-op | 0 | 0 | 19 | 19 | 19 | 19 | 21 | 21 | 21 | 21 |
| Florida Municipal Power Agency | 1,343 | 1,284 | 1,030 | 981 | 1,013 | 970 | 1,030 | 977 | 712 | 681 |
| Fort Pierce | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 119 | 119 |
| Gainesville Regional Utilities | 629 | 608 | 628 | 608 | 628 | 608 | 632 | 612 | 632 | 611 |
| Homestead | 38 | 38 | 42 | 42 | 42 | 42 | 53 | 53 | 53 | 53 |
| JEA | 4,122 | 3,754 | 3,750 | 3,470 | 3,750 | 3,470 | 3,622 | 3,371 | 3,628 | 3,377 |
| Key West | 37 | 37 | 37 | 37 | 37 | 37 | 43 | 43 | 43 | 43 |
| Kissimmee | 303 | 287 | 303 | 287 | 303 | 287 | 316 | 294 | 316 | 294 |
| Lake Worth | 90 | 86 | 90 | 86 | 90 | 86 | 90 | 86 | 98 | 93 |
| Lakeland | 975 | 929 | 975 | 913 | 961 | 908 | 953 | 905 | 927 | 897 |
| Ocala | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 |
| New Smyrna Beach | 71 | 67 | 71 | 67 | 71 | 67 | 71 | 67 | 71 | 67 |
| Orlando | 1,568 | 1,496 | 1,569 | 1,497 | 1,257 | 1,199 | 1,257 | 1,199 | 1,257 | 1,199 |
| Reedy Creek | 60 | 60 | 60 | 60 | 61 | 60 | 61 | 60 | 61 | 60 |
| Seminole | 2,176 | 2,034 | 2,165 | 2,077 | 2,191 | 2,085 | 2,185 | 2,079 | 2,227 | 2,089 |
| St. Cloud | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 21 | 21 |
| Starke City of** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Tallahassee | 870 | 794 | 870 | 794 | 870 | 794 | 890 | 812 | 795 | 744 |
| USCE-Mobile District | 44 | 44 | 44 | 44 | 44 | 44 | 44 | 44 | 44 | 44 |
| Vero Beach | 144 | 138 | 144 | 138 | 144 | 138 | 144 | 138 | 155 | 150 |
| Powersouth Energy Co-op* | 2,064 | 1,896 | 2,064 | 1,896 | 1,616 | 1,556 | 0 | 0 | 0 | 0 |
| | | | | | | | | | | |
| Total Utility | 55,871 | 52,194 | 55,128 | 51,557 | 57,343 | 53,696 | 51,510 | 48,196 | 51,716 | 47,950 |
| Total Nonutility | 5,134 | 4,780 | 5,144 | 4,774 | 5,090 | 4,725 | 6,044 | 5,816 | 5,546 | 5,413 |
| **Total State of Florida** | **61,005** | **56,974** | **60,272** | **56,331** | **62,433** | **58,421** | **57,554** | **54,012** | **57,262** | **53,363** |

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

**Reported as part of Orlando.

Source: Regional Load and Resource Plan, FRCC

# Table 14
# Summer Net Capability (MW) by Prime Mover by Utility*
# 2011

| Company Name | Hydro-Electric | Conventional Steam | Nuclear Steam | Combustion Turbine | Internal Combustion | Combined Cycle** | Other | Utility Total |
|---|---|---|---|---|---|---|---|---|
| Florida Power & Light Company | 0 | 6,520 | 2,970 | 2,224 | 0 | 12,716 | 0 | 24,430 |
| Gulf Power Company | 0 | 2,083 | 0 | 44 | 3 | 556 | 0 | 2,686 |
| Progress Energy Florida, Inc. | 0 | 3,446 | 789 | 2,474 | 0 | 3,250 | 0 | 9,959 |
| Tampa Electric Company | 0 | 1,552 | 0 | 884 | 6 | 1,850 | 0 | 4,292 |
| Florida Keys Electric Co-op | 0 | 0 | 0 | 0 | 19 | 0 | 0 | 19 |
| Florida Municipal Power Agency | 0 | 244 | 77 | 174 | 0 | 789 | 0 | 1,284 |
| Fort Pierce | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Gainesville Regional Utilities | 0 | 328 | 12 | 156 | 0 | 112 | 0 | 608 |
| Homestead | 0 | 0 | 0 | 0 | 38 | 0 | 0 | 38 |
| JEA | 0 | 2,306 | 0 | 946 | 1 | 501 | 0 | 3,754 |
| Key West | 0 | 0 | 0 | 20 | 17 | 0 | 0 | 37 |
| Kissimmee | 0 | 21 | 6 | 25 | 0 | 235 | 0 | 287 |
| Lakeland | 0 | 396 | 0 | 35 | 55 | 443 | 0 | 929 |
| Lake Worth | 0 | 61 | 0 | 26 | 9 | 29 | 0 | 125 |
| New Smyrna Beach | 0 | 0 | 5 | 44 | 18 | 0 | 0 | 67 |
| Ocala | 0 | 0 | 11 | 0 | 0 | 0 | 0 | 11 |
| Orlando | 0 | 754 | 64 | 207 | 0 | 472 | 0 | 1,496 |
| Reedy Creek | 0 | 0 | 0 | 0 | 5 | 55 | 0 | 60 |
| Seminole | 0 | 1,310 | 13 | 270 | 0 | 454 | 0 | 2,047 |
| St. Cloud | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Tallahassee | 0 | 124 | 0 | 148 | 0 | 522 | 0 | 794 |
| US Corps of Engineers | 44 | 0 | 0 | 0 | 0 | 0 | 0 | 44 |
| Vero Beach | 0 | 94 | 0 | 0 | 0 | 44 | 0 | 138 |
| Powersouth Energy Co-op | 8 | 670 | 0 | 337 | 0 | 881 | 0 | 1,896 |
| | | | | | | | | |
| Total State of Florida Utility | 52 | 19,909 | 3,947 | 8,013 | 171 | 22,908 | 0 | 54,999 |
| Total Nonutility Generators*** | | | | | | | | 5,289 |
| **Total State of Florida** | | | | | | | | **60,288** |

*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
# 2011

| Utility | Location | Commercial In-Service Month/Year | Maximum Nameplate KW | Net Capability Summer MW | Net Capability Winter MW |
|---|---|---|---|---|---|
| Florida Power & Light Company | | | | | |
| Turkey Point #3 | Dade County | Dec 1972 | 759,970 | 693 | 717 |
| Turkey Point #4 | Dade County | Sep 1973 | 759,970 | 693 | 717 |
| St. Lucie #1 | St. Lucie County | May 1976 | 850,000 | 839 | 853 |
| St. Lucie #2 | St. Lucie County | Jun 1983 | 723,775 | 745* | 757* |
| Progress Energy Florida | | | | | |
| Crystal River #3 | Citrus County | Mar 1977 | 890,460 | 789** | 805** |

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

**8.2% of plant capability is co-owned by various municipalities and REAs, # represents Progress' share.

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

# Table 16
# Monthly Peak Demand
# (Megawatts)
# 2011

| Utilities | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Yearly Peak |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Investor-Owned Systems** | | | | | | | | | | | | | |
| Florida Power & Light Company | 18,552 | 14,483 | 16,088 | 19,615 | 19,747 | 21,222 | 21,377 | 21,619 | 20,035 | 18,757 | 16,831 | 14,575 | 21,619 |
| Florida Public Utilities Company | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| Gulf Power Company | 2,495 | 2,107 | 1,682 | 1,810 | 2,228 | 2,432 | 2,382 | 2,535 | 2,115 | 1,691 | 1,564 | 1,771 | 2,535 |
| Progress Energy Florida, Inc. | 9,588 | 7,397 | 6,135 | 8,090 | 8,446 | 9,106 | 8,746 | 9,025 | 8,036 | 7,080 | 5,856 | 5,020 | 9,588 |
| Tampa Electric Company | 3,812 | 2,940 | 2,697 | 3,420 | 3,572 | 3,889 | 3,768 | 3,931 | 3,618 | 3,067 | 2,817 | 2,455 | 3,931 |
| **Generating Municipal Systems** | | | | | | | | | | | | | |
| Fort Pierce | 99 | 72 | 83 | 93 | 95 | 104 | 104 | 104 | 100 | 92 | 83 | 68 | 104 |
| Gainesville | 409 | 329 | 271 | 366 | 397 | 445 | 422 | 438 | 391 | 308 | 277 | 270 | 445 |
| Homestead | 63 | 67 | 75 | 83 | 82 | 89 | 87 | 89 | 90 | 85 | 78 | 70 | 90 |
| JEA | 3,062 | 2,346 | 1,746 | 2,251 | 2,418 | 2,668 | 2,653 | 2,756 | 2,359 | 2,049 | 1,749 | 1,931 | 3,062 |
| Key West | 95 | 100 | 117 | 125 | 126 | 137 | 140 | 138 | 131 | 120 | 107 | 100 | 140 |
| Kissimmee | 265 | 202 | 208 | 272 | 276 | 324 | 312 | 315 | 285 | 245 | 209 | 189 | 324 |
| Lake Worth | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| Lakeland | 871 | 630 | 629 | 459 | 601 | 671 | 666 | 639 | 634 | 655 | 476 | 758 | 871 |
| New Smyrna Beach | 93 | 80 | 59 | 70 | 74 | 84 | 86 | 87 | 84 | 60 | 55 | 51 | 93 |
| Orlando | 1,276 | 813 | 797 | 1,042 | 1,036 | 1,127 | 1,092 | 1,123 | 1,076 | 951 | 867 | 746 | 1,276 |
| Reedy Creek | 140 | 151 | 163 | 178 | 175 | 191 | 188 | 189 | 180 | 168 | 159 | 149 | 191 |
| Starke | 17 | 13 | 10 | 13 | 14 | 16 | 16 | 16 | 14 | 12 | 10 | 11 | 17 |
| Tallahassee | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| Vero Beach | 160 | 111 | 124 | 135 | 134 | 149 | 152 | 152 | 143 | 162 | 135 | 95 | 162 |
| **Non-Generating Municipal Systems** | | | | | | | | | | | | | |
| Alachua | 27 | 23 | 17 | 20 | 24 | 26 | 26 | 27 | 24 | 20 | 17 | 20 | 27 |
| Bartow | 66 | 51 | 43 | 53 | 54 | 59 | 56 | 57 | 54 | 46 | 43 | 39 | 66 |
| Blountstown | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| Bushnell | 7 | 6 | 4 | 5 | 5 | 5 | 5 | 6 | 5 | 4 | 4 | 4 | 7 |
| Chattahoochee | 7 | 8 | 7 | 5 | 6 | 7 | 8 | 8 | 8 | 8 | 7 | 5 | 8 |
| Clewiston | 19 | 12 | 16 | 20 | 19 | 21 | 20 | 20 | 19 | 18 | 17 | 14 | 21 |
| Fort Meade | 11 | 8 | 6 | 8 | 8 | 9 | 8 | 8 | 8 | 7 | 6 | 6 | 11 |
| Green Cove Springs | 31 | 24 | 16 | 22 | 24 | 25 | 24 | 27 | 23 | 18 | 16 | 19 | 31 |
| Havana | 6 | 5 | 4 | 4 | 5 | 6 | 6 | 6 | 5 | 4 | 4 | 5 | 6 |

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

# Table 16 (continued)
# Monthly Peak Demand
# (Megawatts)
# 2011

| Utilities | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Yearly Peak |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Non-Generating Municipal Systems** | | | | | | | | | | | | | |
| Jacksonville Beach | 200 | 141 | 100 | 124 | 143 | 157 | 164 | 172 | 156 | 117 | 101 | 103 | 200 |
| Leesburg | 101 | 81 | 64 | 94 | 96 | 104 | 102 | 107 | 98 | 76 | 64 | 66 | 107 |
| Moore Haven | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| Mount Dora | 22 | 16 | 13 | 19 | 20 | 21 | 21 | 22 | 20 | 16 | 13 | 11 | 22 |
| Newberry | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| Ocala | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| Quincy | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| Wauchula | 13 | 10 | 10 | 13 | 12 | 13 | 12 | 13 | 12 | 11 | 10 | 8 | 13 |
| Williston | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| Winter Park | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| **Rural Electric Cooperatives** | | | | | | | | | | | | | |
| Powersouth Energy | 27 | 23 | 17 | 20 | 24 | 26 | 26 | 27 | 24 | 20 | 17 | 20 | 27 |
| Central Florida | 138 | 114 | 86 | 89 | 103 | 111 | 107 | 109 | 94 | 62 | 91 | 90 | 138 |
| Choctawhatchee | 207 | 174 | 116 | 88 | 161 | 176 | 179 | 185 | 138 | 111 | 115 | 154 | 207 |
| 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 | 52 | 44 | 31 | 28 | 36 | 40 | 41 | 42 | 35 | 30 | 35 | 40 | 52 |
| Florida Keys | 91 | 96 | 116 | 126 | 132 | 138 | 143 | 144 | 134 | 114 | 103 | 106 | 144 |
| Glades | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| Gulf Coast | 102 | 74 | 59 | 43 | 69 | 75 | 65 | 76 | 60 | 49 | 53 | 77 | 102 |
| Lee County | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| Peace River | 143 | 108 | 75 | 120 | 125 | 132 | 130 | 111 | 125 | 102 | 59 | 71 | 143 |
| Seminole | 4,118 | 3,347 | 2,427 | 3,201 | 3,376 | 3,653 | 3,582 | 3,519 | 3,333 | 2,642 | 2,238 | 2,494 | 4,118 |
| Sumter | 703 | 599 | 427 | 594 | 632 | 668 | 664 | 672 | 627 | 498 | 379 | 445 | 703 |
| Suwannee Valley | 118 | 84 | 74 | 74 | 90 | 109 | 95 | 95 | 82 | 58 | 55 | 87 | 118 |
| Talquin | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| Tri-County | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| West Florida | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| Withlacoochee River | 1,072 | 880 | 576 | 756 | 769 | 849 | 844 | 853 | 761 | 616 | 506 | 561 | 1,072 |
| Okefenoke | 31 | 23 | 18 | 19 | 23 | 24 | 23 | 24 | 21 | 16 | 19 | 19 | 31 |

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

# Table 17
# Annual Peak Demand
# Selected Utilities
# (Megawatts)
# 1997-2011

| Utility Company | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Florida Power & Light Company | 16,613 | 17,897 | 17,615 | 17,808 | 18,754 | 19,219 | 20,190 | 20,545 | 22,361 | 21,819 | 21,962 | 21,060 | 22,351 | 24,346 | 21,619 |
| Gulf Power Company | 2040 | 2,154 | 2,169 | 2,281 | 2,223 | 2,454 | 2,500 | 2,431 | 2,435 | 2,483 | 2,634 | 2,541 | 2,426 | 2,553 | 2,535 |
| Progress Energy Florida, Inc. | 8,066 | 8,004 | 8,318 | 8,548 | 8,922 | 9,045 | 10,131 | 9,125 | 10,226 | 10,094 | 10,355 | 10,153 | 11,319 | 11,649 | 9,588 |
| Tampa Electric Company | 3,118 | 3,266 | 3,372 | 3,504 | 3,782 | 3,634 | 3,881 | 3,737 | 3,968 | 4,010 | 4,123 | 3,952 | 4,080 | 4,512 | 3,931 |
| Fort Pierce | 118 | 116 | 121 | 119 | 120 | 130 | 132 | 124 | 131 | 120 | 124 | NR | 115 | 124 | 104 |
| Gainesville | 373 | 396 | 419 | 425 | 409 | 409 | 417 | 432 | 465 | 464 | 481 | NR | 465 | 470 | 445 |
| JEA | 2,130 | 2,338 | 2,427 | 2,614 | 2,665 | 2,607 | 3,055 | 2,657 | 2,860 | 2,919 | 2,897 | 2,914 | 3,064 | 3,224 | 3,062 |
| Lake Worth | 74 | 82 | NR | 85 | 88 | 86 | 90 | 93 | 0 | 93 | 94 | 91 | 92 | 93 | NR |
| Lakeland | 552 | 535 | 649 | 610 | 655 | 659 | 694 | 580 | 648 | 680 | 648 | 723 | 745 | 871 | 871 |
| Orlando | 846 | 907 | NR | 1,058 | 962 | 986 | 1,019 | 1,203 | 1,141 | 1,271 | 1,719 | 1,157 | 1,176 | NR | 1,276 |
| Tallahassee | 486 | 530 | NR | 569 | 521 | 580 | 590 | 565 | 598 | 577 | 621 | NR | NR | NR | NR |
| Vero Beach | 155 | 146 | 151 | 175 | 176 | 178 | 203 | 169 | 174 | 172 | 162 | 168 | 74 | 198 | 162 |

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

# Table 18
# Projected Summer and Winter Peak Demand*
# 2012-2021

| Year | Summer Peak (MW) | Year | Winter Peak (MW) |
|---|---|---|---|
| 2012 | 45,364 | 2012-2013 | 46,383 |
| 2013 | 46,006 | 2013-2014 | 45,906 |
| 2014 | 46,622 | 2014-2015 | 47,135 |
| 2015 | 47,499 | 2015-2016 | 47,706 |
| 2016 | 48,310 | 2016-2017 | 48,253 |
| 2017 | 48,910 | 2017-2018 | 48,748 |
| 2018 | 49,298 | 2018-2019 | 49,341 |
| 2019 | 49,990 | 2019-2020 | 49,995 |
| 2020 | 50,821 | 2020-2021 | 50,641 |
| 2021 | 51,559 | 2021-2022 | 51,344 |

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

# Table 19
# Load Factors by Generating Utilities
# 2011

| Generating Utilities | Net Energy for Load (Gigawatt-Hours) | Peak Load (Megawatts) | Load Factor (Percentage) |
|---|---|---|---|
| Florida Power & Light Company | 112,454 | 21,619 | 59.4 |
| Gulf Power Company | 12,050 | 2,535 | 54.3 |
| Progress Energy Florida, Inc. | 41,726 | 9,588 | 49.7 |
| Tampa Electric Company | 19,118 | 3,931 | 55.5 |
| Florida Keys Electric | 699 | 144 | 55.6 |
| Fort Pierce | 544 | 104 | 59.7 |
| Gainesville | 2,024 | 445 | 51.9 |
| Homestead | 495 | 90 | 62.9 |
| JEA | 12,980 | 3,062 | 48.4 |
| Key West | 754 | 140 | 61.4 |
| Kissimmee | 1,390 | 324 | 49.0 |
| Lake Worth | NR | NR | NR |
| Lakeland | 261 | 871 | 3.4 |
| New Smyrna Beach | 387 | 93 | 47.5 |
| Orlando | 5,619 | 1,276 | 50.3 |
| Reedy Creek | 1,225 | 191 | 73.4 |
| Seminole Electric | 0 | 4,118 | 0.0 |
| Starke | 73 | 17 | 49.8 |
| Tallahassee | NR | NR | NR |
| Vero Beach | 40 | 162 | 2.8 |

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

# Fuel Analysis

# Table 20
# Fuel Requirements
# 1997-2011

| Year | Coal (Thousands of Short Tons) | Oil* (Thousands of Barrels) | Natural Gas (Billions of Cubic Feet) | Nuclear (U-235) (Trillion BTU) |
|---|---|---|---|---|
| 1997 | 34936 | 61669 | 284 | 326 |
| 1998 | 33654 | 56294 | 330 | 334 |
| 1999 | 34601 | 53510 | 324 | 349 |
| 2000 | 30786 | 58389 | 324 | 339 |
| 2001 | 30977 | 44573 | 463 | 362 |
| 2002 | 30228 | 47835 | 470 | 671 |
| 2003 | 29780 | 44969 | 529 | 336 |
| 2004 | 30639 | 43559 | 575 | 321 |
| 2005 | 30356 | 45314 | 576 | 309 |
| 2006 | 31234 | 25706 | 679 | 339 |
| 2007 | 30957 | 31190 | 691 | 317 |
| 2008 | 36224 | 14496 | 736 | 342 |
| 2009 | 26238 | 10285 | 845 | 315 |
| 2010 | 27497 | 9971 | 923 | 262 |
| 2011 | 25420 | 2395 | 1006 | 253 |

*Residual and distillate

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

# Table 21
# Projected Fuel Requirements
# 2011-2021

| Year | Coal (Thousands of Short Tons) | Oil (Thousands of Barrels) | Natural Gas (Billions of Cubic Feet) | Nuclear (U-235) (Trillion BTU) |
|---|---|---|---|---|
| 2011 * | 25,420 | 2,395 | 1,006 | 253 |
| 2012 | 22,801 | 2,353 | 1,082 | 221 |
| 2013 | 24,980 | 1,225 | 1,011 | 299 |
| 2014 | 25,348 | 1,117 | 1,031 | 326 |
| 2015 | 25,495 | 1,017 | 1,018 | 381 |
| 2016 | 26,311 | 1,163 | 1,006 | 399 |
| 2017 | 26,897 | 1,103 | 1,010 | 403 |
| 2018 | 27,244 | 1,166 | 1,042 | 383 |
| 2019 | 28,055 | 1,335 | 1,048 | 402 |
| 2020 | 27,633 | 1,495 | 1,084 | 399 |
| 2021 | 28,055 | 1,513 | 1,093 | 438 |

*Actual figures

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

# Consumption

# Table 22
# Monthly Consumption by Class of Service
# (Megawatt-Hours)
# 2011

| | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Residential** | | | | | | | | | | | | | |
| Florida Power & Light Company | 4,535,157 | 3,488,609 | 3,412,863 | 4,182,618 | 4,641,773 | 5,379,684 | 5,462,625 | 5,792,966 | 5,823,652 | 4,694,930 | 3,596,927 | 3,630,694 | 54,642,498 |
| Florida Public Utilities Company | 37,423 | 29,925 | 20,025 | 18,149 | 21,511 | 28,471 | 32,964 | 33,675 | 31,972 | 24,229 | 17,444 | 22,277 | 318,065 |
| Gulf Power Company | 508,600 | 404,077 | 302,830 | 358,599 | 424,339 | 608,259 | 609,055 | 627,996 | 449,692 | 335,941 | 310,377 | 365,004 | 5,304,769 |
| Progress Energy Florida, Inc. | 1,739,590 | 1,414,735 | 1,126,721 | 1,258,745 | 1,589,560 | 1,833,100 | 1,986,293 | 2,186,530 | 2,008,611 | 1,582,608 | 1,316,925 | 1,194,416 | 19,237,834 |
| Tampa Electric Company | 829,970 | 620,101 | 523,789 | 582,253 | 741,582 | 869,284 | 898,400 | 939,628 | 908,912 | 722,614 | 535,320 | 546,139 | 8,717,992 |
| JEA | 614,898 | 414,671 | 371,268 | 320,695 | 388,528 | 530,908 | 511,160 | 604,479 | 552,222 | 390,771 | 285,069 | 338,598 | 5,323,267 |
| Orlando Utilities Commission | 215,736 | 159,944 | 144,547 | 159,117 | 184,181 | 240,084 | 238,081 | 258,319 | 243,126 | 200,123 | 145,135 | 144,663 | 2,333,056 |
| **Commercial** | | | | | | | | | | | | | |
| Florida Power & Light Company | 3,391,263 | 3,153,070 | 3,308,625 | 3,733,381 | 3,800,634 | 4,124,100 | 4,084,169 | 4,165,023 | 4,401,251 | 3,896,891 | 3,478,006 | 3,515,880 | 45,052,293 |
| Florida Public Utilities Company | 26,085 | 23,774 | 22,004 | 22,526 | 24,726 | 28,808 | 30,622 | 30,941 | 30,401 | 27,912 | 22,410 | 28,420 | 318,629 |
| Gulf Power Company | 279,106 | 264,487 | 285,112 | 335,804 | 343,653 | 397,754 | 382,041 | 411,797 | 337,283 | 308,374 | 291,189 | 274,801 | 3,911,401 |
| Progress Energy Florida, Inc. | 898,054 | 814,973 | 833,624 | 913,903 | 1,019,182 | 1,098,545 | 1,112,858 | 1,216,737 | 1,128,878 | 1,043,831 | 932,105 | 879,119 | 11,891,809 |
| Tampa Electric Company | 489,038 | 453,684 | 448,462 | 477,613 | 533,610 | 558,590 | 580,151 | 597,067 | 600,373 | 531,494 | 468,933 | 467,549 | 6,206,564 |
| JEA | 330,557 | 274,170 | 323,212 | 295,435 | 319,244 | 371,574 | 365,498 | 392,900 | 395,891 | 336,977 | 285,329 | 293,938 | 3,984,725 |
| Orlando Utilities Commission | 221,161 | 229,426 | 235,794 | 235,353 | 257,964 | 297,381 | 283,416 | 302,652 | 291,963 | 285,954 | 229,097 | 243,569 | 3,113,730 |
| **Industrial** | | | | | | | | | | | | | |
| Florida Power & Light Company | 505,744 | 242,727 | 245,213 | 277,211 | 256,440 | 281,287 | 257,480 | 268,786 | 263,515 | 249,877 | 249,412 | 246,572 | 3,344,264 |
| Florida Public Utilities Company | 6,150 | 5,230 | 4,290 | 5,330 | 4,640 | 4,040 | 4,340 | 4,140 | 3,060 | 3,290 | 3,910 | 4,020 | 52,440 |
| Gulf Power Company | 114,954 | 129,763 | 152,203 | 156,345 | 158,396 | 168,682 | 199,911 | 175,783 | 147,981 | 133,346 | 134,917 | 126,406 | 1,798,687 |
| Progress Energy Florida, Inc. | 262,022 | 265,854 | 244,090 | 261,361 | 299,905 | 287,783 | 266,234 | 296,266 | 275,919 | 269,587 | 268,193 | 245,524 | 3,242,738 |
| Tampa Electric Company | 162,473 | 137,747 | 135,477 | 142,883 | 157,985 | 155,869 | 155,006 | 153,074 | 156,503 | 149,251 | 147,198 | 150,236 | 1,803,702 |
| JEA | 206,609 | 198,207 | 215,106 | 228,240 | 238,362 | 239,335 | 224,068 | 270,010 | 247,620 | 221,287 | 201,527 | 217,602 | 2,707,973 |
| Orlando Utilities Commission | 29,282 | 32,173 | 34,594 | 31,117 | 31,781 | 43,158 | 36,697 | 42,485 | 34,983 | 34,115 | 34,051 | 33,511 | 417,947 |
| **Other** | | | | | | | | | | | | | |
| Florida Power & Light Company | 46,251 | 44,212 | 45,325 | 45,156 | 45,096 | 46,233 | 45,145 | 46,383 | 45,918 | 45,864 | 45,542 | 45,411 | 546,536 |
| Florida Public Utilities Company | 686 | 678 | 671 | 674 | 679 | 683 | 594 | 754 | 682 | 674 | 556 | 743 | 8,074 |
| Gulf Power Company | 37,565 | 28,947 | 26,975 | 28,169 | 32,710 | 39,058 | 38,714 | 41,157 | 33,084 | 28,290 | 27,522 | 30,180 | 392,371 |
| Progress Energy Florida, Inc. | 247,421 | 236,977 | 242,861 | 253,722 | 279,994 | 288,287 | 276,767 | 283,968 | 308,326 | 293,101 | 263,805 | 249,322 | 3,224,551 |
| Tampa Electric Company | 138,800 | 140,564 | 140,869 | 148,782 | 153,742 | 160,109 | 159,391 | 163,110 | 180,807 | 164,620 | 144,187 | 140,330 | 1,835,311 |
| JEA | 64,718 | 62,207 | 53,837 | 53,222 | 55,684 | 62,711 | 67,096 | 67,188 | 74,121 | 60,520 | 52,139 | 50,630 | 724,073 |
| Orlando Utilities Commission | 13,216 | 12,369 | 13,702 | 14,575 | 15,598 | 17,465 | 17,753 | 18,712 | 18,003 | 16,640 | 14,008 | 13,640 | 185,681 |
| **Total** | | | | | | | | | | | | | |
| Florida Power & Light Company | 8,478,415 | 6,928,618 | 7,012,026 | 8,238,366 | 8,743,943 | 9,831,304 | 9,849,419 | 10,273,158 | 10,534,336 | 8,887,562 | 7,369,887 | 7,438,557 | 103,585,591 |
| Florida Public Utilities Company | 70,344 | 59,607 | 46,990 | 46,679 | 51,556 | 62,002 | 68,520 | 69,510 | 66,115 | 56,105 | 44,320 | 55,460 | 697,208 |
| Gulf Power Company | 940,225 | 827,274 | 767,120 | 878,917 | 959,098 | 1,213,753 | 1,229,721 | 1,256,733 | 968,040 | 805,951 | 764,005 | 796,391 | 11,407,228 |
| Progress Energy Florida, Inc. | 3,147,087 | 2,732,539 | 2,447,296 | 2,687,731 | 3,188,641 | 3,507,715 | 3,642,152 | 3,983,501 | 3,721,734 | 3,189,127 | 2,781,028 | 2,568,381 | 37,596,932 |
| Tampa Electric Company | 1,620,281 | 1,352,096 | 1,248,597 | 1,351,531 | 1,586,919 | 1,743,852 | 1,792,948 | 1,852,879 | 1,846,595 | 1,567,979 | 1,295,638 | 1,304,254 | 18,563,569 |
| JEA | 1,216,782 | 949,255 | 963,423 | 897,592 | 1,001,818 | 1,204,528 | 1,167,822 | 1,334,577 | 1,269,854 | 1,009,555 | 824,064 | 900,768 | 12,740,038 |
| Orlando Utilities Commission | 479,395 | 433,912 | 428,637 | 440,162 | 489,524 | 598,088 | 575,947 | 622,168 | 588,075 | 536,832 | 422,291 | 435,383 | 6,050,414 |

Source: Form FPSC/SCR - 4

# Table 23
# Consumption by Class of Service by Utility
# (Megawatt-Hours)
# 2011

| Utilities | Residential | Commercial | Industrial | Other | Total |
|---|---|---|---|---|---|
| Florida Power & Light Company | 54,642,498 | 45,052,293 | 3,344,264 | 546,536 | 103,585,591 |
| Florida Public Utilities Company | 318,065 | 318,629 | 52,440 | 8,074 | 697,208 |
| Gulf Power Company | 5,304,769 | 3,911,401 | 1,798,687 | 392,371 | 11,407,228 |
| Progress Energy Florida, Inc. | 19,237,834 | 11,891,809 | 3,242,738 | 3,224,551 | 37,596,932 |
| Tampa Electric Company | 8,717,992 | 6,206,564 | 1,803,702 | 1,835,311 | 18,563,569 |
| Alachua | 42,345 | 79,386 | 212 | 0 | 121,942 |
| Bartow | 131,813 | 17,051 | 105,055 | 10,442 | 264,361 |
| Blountstown | NR | NR | NR | NR | NR |
| Bushnell | 8,158 | 6,884 | 7,721 | 928 | 23,692 |
| Central Florida Co-op | 350,727 | 37,380 | 28,299 | 41,529 | 457,935 |
| Chattahoochee | 12,160 | 4,449 | 22,890 | 1,538 | 41,037 |
| Choctawhatchee Co-op | 563,456 | 96,375 | 117,314 | 0 | 777,145 |
| Clay Co-op | 2,226,438 | 267,543 | 664,043 | 5,745 | 3,163,768 |
| Clewiston | 48,992 | 9,962 | 39,005 | 437 | 98,396 |
| Escambia River Co-op | 129,924 | 13,247 | 24,008 | 772 | 167,951 |
| Florida Keys Co-op | 364,604 | 96,296 | 153,388 | 37,631 | 651,920 |
| Fort Meade | 26,898 | 4,992 | 3,332 | 4,665 | 39,888 |
| Fort Pierce | 214,505 | 303,316 | 0 | 11,882 | 529,703 |
| Gainesville | 804,800 | 206,614 | 757,808 | 0 | 1,769,222 |
| Glades Co-op | NR | NR | NR | NR | NR |
| Green Cove Springs | 45,157 | 10,962 | 51,559 | 3,215 | 110,894 |
| Gulf Coast Co-op | 261,732 | 28,048 | 28,437 | 11,559 | 329,775 |
| Havana | 13,603 | 9,834 | 0 | 1,109 | 24,546 |
| Homestead | 244,832 | 39,206 | 143,020 | 24,443 | 451,500 |
| JEA | 5,323,267 | 3,984,725 | 2,707,973 | 724,073 | 12,740,038 |
| Jacksonville Beach | 450,067 | 84,959 | 185,741 | 11,408 | 732,175 |
| Key West | 331,480 | 72,691 | 299,233 | 3,760 | 707,164 |
| Kissimmee | 724,486 | 168,236 | 437,726 | 16,182 | 1,346,630 |
| Lake Worth | NR | NR | NR | NR | NR |
| Lakeland | 1,529,905 | 753,365 | 580,772 | 91,168 | 2,955,211 |
| Lee County Co-op | NR | NR | NR | NR | NR |
| Leesburg | 213,938 | 51,631 | 187,154 | 17,471 | 470,194 |
| Moore Haven | NR | NR | NR | NR | NR |
| Mount Dora | 49,142 | 15,477 | 17,619 | 6,597 | 88,836 |
| New Smyrna Beach | 248,403 | 47,767 | 77,592 | 3,011 | 376,774 |
| Newberry | NR | NR | NR | NR | NR |
| Ocala | NR | NR | NR | NR | NR |
| Okefenoke* | 149,815 | 7,362 | 3,024 | 3,384 | 163,585 |
| Orlando | 2,333,056 | 286,551 | 417,947 | 185,681 | 3,223,235 |
| Peace River Co-op | 396,523 | 71,241 | 114,143 | 13,246 | 595,154 |
| Quincy | NR | NR | NR | NR | NR |
| Reedy Creek | 150 | 10,313 | 1,122,090 | 5,795 | 1,138,348 |
| Seminole Co-op** | 0 | 0 | 0 | 0 | 0 |
| Starke | 24,758 | 45,310 | 0 | 0 | 70,068 |
| Sumter Co-op | 1,947,725 | 186,678 | 629,148 | 1,160 | 2,764,711 |
| Suwannee Valley Co-op | 303,410 | 45,178 | 103,843 | 370 | 452,801 |
| Tallahassee | NR | NR | NR | NR | NR |
| Talquin Co-op | NR | NR | NR | NR | NR |
| Tri-County Co-op | NR | NR | NR | NR | NR |
| Vero Beach | 367,430 | 86,454 | 252,158 | 14,409 | 720,450 |
| Wauchula | 26,390 | 17,188 | 14,520 | 1,648 | 59,745 |
| West Florida Co-op | NR | NR | NR | NR | NR |
| Williston | NR | NR | NR | NR | NR |
| Winter Park | NR | NR | NR | NR | NR |
| Withlacoochee Co-op | 2,560,745 | 854,778 | 192,735 | 19,476 | 3,627,733 |
| **Respondent Total*** ** | 110,691,990 | 75,402,146 | 19,731,340 | 7,281,579 | 213,107,055 |
| **FRCC State Total** | | | | | 220,586,000 |

NR=Not Reported

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

**Seminole Electric Cooperative generates only for resale.

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

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

# Table 24
# Average Annual Consumption Per Customer by Class of Service by Utility
# (Kilowatt-Hours)
# 2011

| Utilities | Residential | Commercial | Industrial | Other | Total |
|---|---|---|---|---|---|
| | | | | | |
| Florida Power & Light Company | 13,570 | 88,697 | 384,807 | 152,175 | 22,781 |
| Florida Public Utilities Company | 13,479 | 73,322 | 26,220,000 | 2,656 | 22,501 |
| Gulf Power Company | 14,028 | 73,235 | 6,586,587 | 695,590 | 26,381 |
| Progress Energy Florida, Inc. | 13,245 | 73,374 | 1,346,512 | 127,900 | 22,895 |
| Tampa Electric Company | 14,630 | 88,009 | 1,207,836 | 233,223 | 27,469 |
| Alachua | 12,249 | 153,848 | 1,616 | 0 | 29,257 |
| Bartow | 13,313 | 13,908 | 295,930 | 76,783 | 22,754 |
| Blountstown | NR | NR | NR | NR | NR |
| Bushnell | 10,965 | 27,211 | 772,132 | 48,857 | 23,092 |
| Central Florida Co-op | 11,713 | 18,579 | 332,926 | 69,563 | 14,031 |
| Chattahoochee | 11,933 | 36,466 | 7,629,969 | 25,221 | 34,055 |
| Choctawhatchee Co-op | 14,865 | 18,605 | 519,088 | 0 | 17,943 |
| Clay Co-op | 14,914 | 16,669 | 859,046 | 91,195 | 19,039 |
| Clewiston | 14,585 | 19,495 | 319,712 | 2,153 | 23,455 |
| Escambia River Co-op | 14,915 | 12,580 | 142,061 | 32,148 | 16,868 |
| Florida Keys Co-op | 14,152 | 21,173 | 379,674 | 76,956 | 20,892 |
| Fort Meade | 11,335 | 20,802 | 370,273 | 52,421 | 14,713 |
| Fort Pierce | 9,437 | 72,948 | 0 | 0 | 19,088 |
| Gainesville | 9,829 | 22,737 | 584,278 | 0 | 19,175 |
| Glades Co-op | NR | NR | NR | NR | NR |
| Green Cove Springs | 14,595 | 20,762 | 510,488 | 41,213 | 29,175 |
| Gulf Coast Co-op | 13,974 | 29,966 | 2,585,139 | 23,304 | 16,347 |
| Havana | 12,355 | 43,133 | 0 | 42,641 | 18,115 |
| Homestead | 12,485 | 18,502 | 258,625 | 280,954 | 20,184 |
| Jacksonville | 14,731 | 92,488 | 13,285,231 | 159,087 | 31,135 |
| JEA | 15,865 | 20,864 | 504,730 | 22,325 | 21,975 |
| Key West | 13,447 | 21,424 | 440,049 | 2,599 | 23,439 |
| Kissimmee | 13,454 | 19,912 | 504,874 | 0 | 21,319 |
| Lake Worth | NR | NR | NR | NR | NR |
| Lakeland | 15,195 | 64,013 | 6,997,256 | 9,902 | 24,273 |
| Lee County Co-op | NR | NR | NR | NR | NR |
| Leesburg | 11,521 | 16,150 | 419,628 | 58,825 | 20,889 |
| Moore Haven | NR | NR | NR | NR | NR |
| Mount Dora | 10,320 | 20,418 | 320,352 | 74,970 | 15,687 |
| New Smyrna Beach | 11,164 | 24,321 | 610,962 | 2,841 | 14,833 |
| Newberry | NR | NR | NR | NR | NR |
| Ocala | NR | NR | NR | NR | NR |
| Okefenoke* | 15,938 | 15,434 | 3,023,840 | 49,041 | 16,446 |
| Orlando | 12,926 | 9,598 | 10,362,322 | 14,042 | 14,414 |
| Peace River Co-op | 14,569 | 12,237 | 421,192 | 228,383 | 17,836 |
| Quincy | NR | NR | NR | NR | NR |
| Reedy Creek | 16,638 | 28,101 | 1,292,730 | 101,668 | 874,979 |
| Seminole Co-op** | 0 | 0 | 0 | 0 | 0 |
| Starke | 12,574 | 62,069 | 0 | 0 | 25,961 |
| Sumter Co-op | 12,226 | 12,853 | 580,931 | 37,429 | 15,803 |
| Suwannee Valley Co-op | 13,951 | 15,953 | 476,344 | 4,352 | 18,196 |
| Tallahassee | NR | NR | NR | NR | NR |
| Talquin Co-op | NR | NR | NR | NR | NR |
| Tri-County Co-op | NR | NR | NR | NR | NR |
| Vero Beach | 13,206 | 18,383 | 375,234 | 36,023 | 21,443 |
| Wauchula | NR | NR | NR | NR | NR |
| West Florida Co-op | NR | NR | NR | NR | NR |
| Williston | NR | NR | NR | NR | NR |
| Winter Park | NR | NR | NR | NR | NR |
| Withlacoochee Co-op | 14,094 | 46,395 | 4,482,215 | 49,430 | 18,089 |
| | | | | | |
| **Respondent Average** | 13,627 | 75,257 | 821,674 | 98,085 | 23,106 |

NR = Not reported

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

**Seminole Electric Cooperative generates only for resale.

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

# Table 25
# Sale for Resale Activity by Selected Utility
# (Megawatt-Hours)
# 2011

| Utility | Total Resales (MWH) | Total Sales to Ultimate Customers (MWH) | Utility Total Sales (MWH) | Average Resales per Month (MWH/Month) | Resales as Percentage of Total (%) |
|---|---|---|---|---|---|
| Florida Power & Light Company | 3,115,902 | 103,327,443 | 106,443,345 | 259,659 | 2.93 |
| Florida Public Utilities Company | 0 | 697,208 | 697,208 | 0 | 0.00 |
| Gulf Power Company | 4,620,858 | 11,407,228 | 16,028,086 | 385,072 | 28.83 |
| Progress Energy Florida, Inc. | 2,762,887 | 37,596,932 | 40,359,819 | 230,241 | 6.85 |
| Tampa Electric Company | 352,860 | 18,563,569 | 18,916,429 | 29,405 | 1.87 |
| Powersouth Energy Co-op* | 1,844,889 | 0 | 1,844,889 | 153,741 | 100.00 |
| Gainesville | 201,445 | 1,769,222 | 1,970,667 | 16,787 | 10.22 |
| JEA | 952,792 | 11,787,246 | 12,740,038 | 79,399 | 7.48 |
| Lake Worth | 0 | 0 | 0 | 0 | 0.00 |
| Lakeland | 354 | 2,955,211 | 2,955,565 | 30 | 0.01 |
| New Smyrna Beach | 0 | 376,774 | 376,774 | 0 | 0.00 |
| Orlando | 1,299,943 | 6,050,416 | 7,350,359 | 108,329 | 17.69 |
| Reedy Creek | 2,244 | 1,138,348 | 1,140,592 | 187 | 0.20 |
| Seminole Electric Cooperative** | 0 | 0 | 16,037 | 0 | 0.00 |
| Suwannee Valley Co-op | 6,643 | 452,801 | 459,443 | 554 | 1.45 |
| Tallahassee | NR | NR | NR | NR | NR |
| Talquin Electric Cooperative | NR | NR | NR | NR | NR |

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

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

# Table 26
# Consumption by Utility
# (Megawatt-Hours)
# 2007-2011

| Utilities | 2007 | 2008 | 2009 | 2010 | 2011 |
|---|---|---|---|---|---|
| | | | | | |
| Florida Power & Light Company | 105,556,353 | 103,084,646 | 102,965,984 | 104,790,401 | 103,585,591 |
| Florida Public Utilities Company | 812,897 | 737,624 | 697,669 | 745,949 | 697,208 |
| Gulf Power Company | 11,926,565 | 11,929,723 | 11,276,303 | 11,750,660 | 11,407,228 |
| Progress Energy Florida, Inc. | 39,281,638 | 38,555,709 | 37824252 | 38,925,066 | 37,596,932 |
| Tampa Electric Company | 18,983,753 | 18,989,605 | 18,774,789 | 19,213,462 | 18,563,569 |
| Alachua | 108,909 | 114,798 | 120,893 | 124,258 | 121,942 |
| Bartow | 285,235 | 273,624 | 274,053 | 282,377 | 264,361 |
| Blountstown | 36,817 | 36,707 | 38,946 | NR | NR |
| Bushnell | 23,427 | 22,930 | 24,115 | 25,211 | 23,692 |
| Central Florida | 510,728 | 499,443 | 489,229 | 507,071 | 457,935 |
| Chattahoochee | 42,633 | 42,173 | 41,094 | 44,023 | 41,037 |
| Choctawhatchee | 741,951 | 736,438 | 734,815 | 780,435 | 777,145 |
| Clay | 3,197,139 | 3,151,451 | 3,131,882 | 3,327,933 | 3,163,768 |
| Clewiston | 123,043 | 103,275 | 104,090 | 103,275 | 98,396 |
| Escambia River | 173,668 | 165,953 | 163,245 | 177,917 | 167,951 |
| Florida Keys | 670,928 | 649,203 | 642,171 | 639,829 | 651,920 |
| Fort Meade | 39,768 | 39,694 | 40,524 | 42,088 | 39,888 |
| Fort Pierce | 579,227 | 559,126 | 534,128 | 535,567 | 529,703 |
| Gainesville | 1,876,933 | 1,803 | 1,789,355 | 1,824,502 | 1,769,222 |
| Glades | 353,315 | NR | 343,400 | 337,068 | NR |
| Green Cove Springs | 112,615 | NR | 114,458 | 118,068 | 110,894 |
| Gulf Coast | 347,792 | 344,494 | 336,046 | 357,598 | 329,775 |
| Havana | 24,888 | NR | 23,721 | NR | 24,546 |
| Homestead | 426,438 | 431,290 | 429,852 | 397,418 | 451,500 |
| JEA | 13,358,114 | 13,076,237 | 12,761,647 | 13,103,903 | 12,740,038 |
| Jacksonville Beach | 751,441 | 725,559 | 721,752 | 758,554 | 732,175 |
| Key West | 718,114 | 715,992 | 700,471 | 691,923 | 707,164 |
| Kissimmee | 1,384,293 | 1,359,765 | 1,342,397 | 1,360,922 | 1,346,630 |
| Lake Worth | 434,123 | 410,853 | 391,942 | 398,157 | NR |
| Lakeland | 2,928,568 | 2,847,462 | 2,859,018 | 2,955,211 | 2,955,211 |
| Lee County | 3,621,892 | NR | NR | NR | NR |
| Leesburg | 382,119 | NR | NR | 501,379 | 470,194 |
| Moore Haven | 18,096 | NR | 17,204 | 16,737 | NR |
| Mount Dora | 95,296 | 91,389 | 90,460 | 93,114 | 88,836 |
| New Smyrna Beach | 383,511 | 363,806 | 375,455 | 395,853 | 376,774 |
| Newberry | 29,756 | 29,712 | 30,587 | NR | NR |
| Ocala | 1,364,610 | NR | 1,236,367 | 1,273,758 | NR |
| Okefenoke* | 169,834 | 167,701 | 167,364 | 142,692 | 163,585 |
| Orlando Utilities | 3,275,149 | 3,237,325 | 3,207,575 | 3,011,443 | 3,223,235 |
| Peace River | 608,672 | 598,108 | 601,179 | 621,149 | 595,154 |
| Quincy | 155,749 | NR | NR | NR | NR |
| Reedy Creek | 1,183,620 | 1,156,778 | 1,183,100 | 1,163,116 | 1,138,348 |
| Starke | 69,218 | 67,647 | 66,674 | 72,252 | 70,068 |
| Sumter | 2,677,554 | 2,642,456 | 2,714,230 | 2,954,744 | 2,764,711 |
| Suwannee Valley | 502,831 | 479,155 | 431,716 | 461,067 | 452,801 |
| Tallahassee | 2,755,874 | NR | NR | NR | NR |
| Talquin | 1,073,680 | NR | 1,012,084 | 1,079,716 | NR |
| Tri-County | 294,235 | NR | 276,404 | NR | NR |
| Vero Beach | 751,966 | 724,803 | 711,484 | 737,006 | 720,450 |
| Wauchula | 64,959 | 63,124 | 62,289 | NR | 59,745 |
| West Florida | 397,900 | 426,212 | 461,795 | 504,165 | NR |
| Williston | 33,632 | 32,547 | 25,737 | NR | NR |
| Winter Park | 446,286 | 438,250 | 432,233 | NR | NR |
| Withlacoochee | 3,697,619 | 3,707,863 | 3,772,404 | 4,078,478 | 3,627,733 |
| | | | | | |
| **Respondent Total**** | **229,865,372** | **213,832,457** | **216,568,586** | **221,425,517** | **213,107,055** |
| **FRCC State Total** | **228,206,000** | **223,465,000** | **221,312,000** | **225,930,000** | **220,586,000** |

NR=Not Reported

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

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

Sources: Table 23 and 27

# Table 27
# Total Consumption and Percentage Change by Class of Service
# 2002-2011

| Year | | Residential | Commercial | Industrial | Other Public Authorities* | Total |
|---|---|---|---|---|---|---|
| 2002 | Consumption (GWH) | 106,921 | 73,278 | 22,782 | 5,324 | 208,305 |
| | Change from prior year | 6.7% | 3.1% | 1.9% | 4.1% | 4.8% |
| 2003 | Consumption (GWH) | 111,217 | 75,230 | 23,188 | 5,573 | 215,208 |
| | Change from prior year | 4.1% | 2.5% | 1.9% | 5.3% | 3.3% |
| 2004 | Consumption (GWH) | 110,736 | 76,598 | 23,025 | 5,665 | 216,024 |
| | Change from prior year | -0.4% | 1.0% | 3.2% | 2.2% | 0.5% |
| 2005 | Consumption (GWH) | 114,530 | 79,046 | 23,414 | 5,916 | 222,906 |
| | Change from prior year | 3.4% | 3.2% | 1.1% | 3.8% | 3.1% |
| 2006 | Consumption (GWH) | 115,279 | 80,474 | 23,425 | 6,013 | 225,191 |
| | Change from prior year | 1.0% | 2.1% | 0.0% | 1.7% | 1.3% |
| 2007 | Consumption (GWH) | 116,132 | 82,758 | 23,107 | 6,209 | 228,206 |
| | Change from prior year | 0.7% | 2.8% | -1.4% | 3.3% | 1.3% |
| 2008 | Consumption (GWH) | 112,431 | 82,205 | 22,615 | 6,214 | 223,465 |
| | Change from prior year | -3.2% | -0.7% | -2.1% | 0.1% | -2.1% |
| 2009 | Consumption (GWH) | 113,341 | 80,874 | 20,811 | 6,221 | 221,312 |
| | Change from prior year | 0.8% | -1.5% | -8.0% | 0.1% | -1.0% |
| 2010 | Consumption (GWH) | 118,870 | 80,128 | 20,708 | 6,224 | 225,930 |
| | Change from prior year | 4.9% | -0.9% | -0.5% | 0.0% | 2.1% |
| 2011 | Consumption (GWH) | 113,554 | 80,284 | 20,556 | 6,192 | 220,586 |
| | Change from prior year | -4.5% | 0.2% | -0.7% | -0.5% | -2.4% |

*Includes Street and Highway Lighting
Occasionally, the FRCC revises figures slightly, so numbers elsewhere in this report may not match.

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

# Table 28
# Consumption as a Percentage of Total by Class of Service
# 1997-2011

| Year | Residential | Commercial | Industrial | Other |
|---|---|---|---|---|
| 1997 | 50.06 | 32.05 | 14.57 | 3.32 |
| 1998 | 50.97 | 31.72 | 14.13 | 3.18 |
| 1999 | 50.89 | 33.97 | 11.93 | 3.21 |
| 2000 | 49.79 | 37.34 | 9.53 | 3.34 |
| 2001 | 50.59 | 34.11 | 11.83 | 3.47 |
| 2002 | 50.76 | 32.25 | 12.74 | 4.26 |
| 2003 | 51.03 | 32.12 | 12.34 | 4.51 |
| 2004 | 51.80 | 32.96 | 11.63 | 3.61 |
| 2005 | 51.94 | 33.16 | 11.24 | 3.66 |
| 2006 | 47.61 | 8.21 | 40.24 | 3.94 |
| 2007 | 51.60 | 33.54 | 11.15 | 3.71 |
| 2008 | 50.85 | 35.76 | 9.93 | 3.46 |
| 2009 | 51.78 | 34.99 | 9.79 | 3.44 |
| 2010 | 53.25 | 33.96 | 9.42 | 3.36 |
| 2011 | 51.94 | 35.38 | 9.26 | 3.42 |

Source: Table 23

# Revenues

# Table 29
# Monthly Revenues by Class of Service by Selected Utility
# (In Thousands of Dollars)
# 2011

| | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Residential** | | | | | | | | | | | | | |
| Florida Power & Light Company | $478,031 | $363,540 | $360,932 | $442,559 | $493,637 | $577,425 | $586,473 | $623,474 | $626,644 | $500,264 | $382,071 | $385,862 | $5,820,912 |
| Florida Public Utilities Company | 5,476 | 4,420 | 3,006 | 2,734 | 3,198 | 4,178 | 4,605 | 4,707 | 4,470 | 3,424 | 2,537 | 3,190 | 45,945 |
| Gulf Power Company | 61,102 | 49,098 | 38,122 | 44,612 | 51,388 | 72,350 | 72,510 | 74,766 | 56,076 | 42,978 | 40,314 | 46,098 | 649,414 |
| Progress Energy Florida, Inc. | 220,308 | 178,197 | 142,486 | 159,769 | 201,692 | 233,171 | 253,041 | 278,699 | 255,908 | 200,957 | 167,063 | 152,145 | 2,443,436 |
| Tampa Electric Company | 94,774 | 70,597 | 59,912 | 66,442 | 84,377 | 99,087 | 102,393 | 107,184 | 103,605 | 82,220 | 61,478 | 62,678 | 994,747 |
| JEA | 76,973 | 52,204 | 47,304 | 40,971 | 49,202 | 66,659 | 64,048 | 75,647 | 69,175 | 49,486 | 36,527 | 43,145 | 671,341 |
| Orlando Utilities Commission | 23,419 | 16,673 | 17,431 | 22,159 | 20,691 | 26,325 | 29,589 | 35,066 | 28,533 | 22,610 | 16,517 | 16,370 | 275,383 |
| **Commercial** | | | | | | | | | | | | | |
| Florida Power & Light Company | $307,919 | $291,660 | $307,849 | $340,458 | $347,912 | $368,283 | $367,095 | $374,026 | $389,490 | $354,951 | $323,218 | $322,120 | $4,094,981 |
| Florida Public Utilities Company | 3,125 | 2,885 | 2,939 | 3,204 | 3,704 | 3,677 | 3,703 | 3,664 | 3,378 | 2,756 | 2,939 | 39,377 | 75,351 |
| Gulf Power Company | 29,892 | 28,638 | 30,748 | 35,578 | 35,799 | 41,181 | 39,576 | 42,708 | 36,202 | 34,156 | 32,275 | 30,269 | 417,022 |
| Progress Energy Florida, Inc. | 89,036 | 81,873 | 82,790 | 90,717 | 101,917 | 108,766 | 110,076 | 120,048 | 111,369 | 103,959 | 93,363 | 86,469 | 1,180,383 |
| Tampa Electric Company | 48,388 | 45,438 | 44,950 | 47,622 | 52,596 | 54,767 | 56,440 | 57,800 | 57,935 | 52,578 | 47,269 | 46,815 | 612,598 |
| JEA | 37,077 | 30,842 | 36,334 | 33,238 | 35,763 | 41,126 | 40,390 | 43,221 | 43,383 | 37,657 | 32,128 | 32,915 | 444,074 |
| Orlando Utilities Commission | 22,306 | 22,861 | 23,335 | 24,147 | 26,247 | 29,627 | 28,695 | 30,115 | 29,216 | 29,022 | 22,753 | 24,005 | 312,329 |
| **Industrial** | | | | | | | | | | | | | |
| Florida Power & Light Company | $18,035 | $17,799 | $18,422 | $20,558 | $19,246 | $20,480 | $19,137 | $19,778 | $19,403 | $18,766 | $18,591 | $18,187 | $228,402 |
| Florida Public Utilities Company | 658 | 622 | 525 | 1,006 | 599 | 529 | 530 | 469 | 680 | 375 | 827 | 594 | 7,414 |
| Gulf Power Company | 10,149 | 11,330 | 12,997 | 13,620 | 13,755 | 15,387 | 18,342 | 16,366 | 14,574 | 12,172 | 12,201 | 11,304 | 162,197 |
| Progress Energy Florida, Inc. | 21,512 | 21,634 | 20,225 | 21,629 | 24,604 | 23,914 | 22,365 | 24,513 | 23,075 | 22,560 | 22,212 | 20,408 | 268,651 |
| Tampa Electric Company | 14,185 | 12,414 | 12,243 | 12,866 | 14,046 | 13,920 | 13,793 | 13,736 | 13,934 | 13,338 | 13,212 | 13,567 | 161,254 |
| JEA | 19,166 | 17,793 | 19,521 | 20,573 | 21,278 | 21,333 | 20,130 | 23,835 | 21,918 | 20,237 | 18,128 | 19,663 | 243,575 |
| Orlando Utilities Commission | 2,724 | 2,880 | 3,052 | 2,880 | 2,917 | 3,855 | 3,314 | 3,771 | 3,192 | 3,152 | 2,995 | 2,965 | 37,697 |
| **Other** | | | | | | | | | | | | | |
| Florida Power & Light Company | $8,372 | $7,242 | $6,617 | $7,226 | $7,232 | $6,815 | $6,867 | $7,233 | $7,003 | $7,186 | $7,151 | $7,113 | $86,057 |
| Florida Public Utilities Company | 181 | 180 | 179 | 180 | 180 | 185 | 155 | 202 | 179 | 181 | 147 | 199 | 2,148 |
| Gulf Power Company | 3,578 | 3,013 | 2,881 | 2,963 | 3,236 | 3,676 | 3,653 | 3,805 | 3,286 | 2,997 | 2,940 | 3,112 | 39,140 |
| Progress Energy Florida, Inc. | 23,428 | 22,733 | 23,092 | 24,190 | 26,799 | 27,478 | 26,369 | 27,073 | 29,366 | 27,965 | 25,365 | 23,612 | 307,470 |
| Tampa Electric Company | 14,238 | 14,436 | 14,389 | 15,133 | 15,539 | 16,050 | 15,808 | 16,161 | 17,690 | 16,614 | 14,787 | 14,354 | 185,199 |
| JEA | 6,492 | 6,186 | 5,436 | 5,259 | 5,822 | 6,444 | 6,907 | 6,793 | 7,084 | 6,284 | 5,895 | 5,236 | 73,838 |
| Orlando Utilities Commission | 1,167 | 1,099 | 1,224 | 1,374 | 1,443 | 1,601 | 1,647 | 1,690 | 1,656 | 1,528 | 1,223 | 1,208 | 16,860 |
| **Total** | | | | | | | | | | | | | |
| Florida Power & Light Company | $812,357 | $680,241 | $693,820 | $810,801 | $868,027 | $973,003 | $979,572 | $1,024,511 | $1,042,540 | $881,167 | $731,031 | $733,282 | $10,230,352 |
| Florida Public Utilities Company | 9,440 | 8,107 | 6,649 | 7,124 | 7,681 | 8,569 | 8,993 | 9,042 | 8,707 | 6,736 | 6,450 | 43,360 | 130,858 |
| Gulf Power Company | 104,721 | 92,079 | 84,748 | 96,773 | 104,178 | 132,594 | 134,081 | 137,645 | 110,138 | 92,303 | 87,730 | 90,783 | 1,267,773 |
| Progress Energy Florida, Inc. | 354,284 | 304,437 | 268,593 | 296,305 | 355,012 | 393,329 | 411,851 | 450,333 | 419,718 | 355,441 | 308,003 | 282,634 | 4,199,940 |
| Tampa Electric Company | 171,585 | 142,885 | 131,494 | 142,063 | 166,558 | 183,824 | 188,434 | 194,881 | 193,164 | 164,750 | 136,746 | 137,414 | 1,953,798 |
| JEA | 139,708 | 107,025 | 108,595 | 100,041 | 112,065 | 135,562 | 131,475 | 149,496 | 141,560 | 113,664 | 92,678 | 100,959 | 1,432,828 |
| Orlando Utilities Commission | 49,616 | 43,513 | 45,042 | 50,560 | 51,298 | 61,408 | 63,245 | 70,642 | 62,597 | 56,312 | 43,488 | 44,548 | 642,269 |

Source: Form FPSC/SCR - 4

# Table 30
# Customer Revenues by Class of Service
# (In Thousands of Dollars)
# 1997-2011

| Year | Residential | Commercial | Industrial | Other Public Authorities* | Total |
|---|---|---|---|---|---|
| 1997 | $7,074,435 | $3,722,308 | $1,382,150 | $390,703 | $12,569,596 |
| 1998 | 7,525,835 | 3,684,867 | 1,483,475 | 383,985 | 13,078,162 |
| 1999 | 6,955,823 | 3,745,961 | 1,042,359 | 357,003 | 12,101,146 |
| 2000 | 7,598,822 | 3,973,611 | 1,373,215 | 419,513 | 13,365,161 |
| 2001 | 8,682,796 | 4,671,712 | 1,495,201 | 471,932 | 15,321,641 |
| 2002 | 8,768,596 | 4,580,867 | 1,509,709 | 472,945 | 15,332,116 |
| 2003 | 9,566,860 | 5,017,993 | 1,580,890 | 517,843 | 16,683,586 |
| 2004 | 10,112,821 | 5,448,432 | 1,733,191 | 584,588 | 17,879,033 |
| 2005 | 11,150,043 | 6,003,804 | 1,928,154 | 644,515 | 19,726,515 |
| 2006 | 13,269,751 | 7,528,590 | 2,366,497 | 770,472 | 23,935,310 |
| 2007 | 13,277,193 | 7,597,120 | 2,324,045 | 807,329 | 24,005,687 |
| 2008 | 12,718,094 | 7,741,767 | 2,089,924 | 729,026 | 23,278,811 |
| 2009 | 13,879,777 | 8,186,033 | 2,322,558 | 828,870 | 25,217,238 |
| 2010 | 13,130,852 | 7,165,633 | 1,869,629 | 774,006 | 22,940,120 |
| 2011 | 12,705,770 | 7,303,597 | 2,017,392 | 795,924 | 22,822,684 |

*Other includes Street and Highway Lighting

Source: Form FPSC/SCR - 1

# Table 31
# Customer Revenues as a Percentage of Total by Class of Service
# 1997-2011

| Year | Residential | Commercial | Industrial | Other Public Authorities* |
|---|---|---|---|---|
| 1997 | 56.3 | 31.3 | 10.1 | 2.3 |
| 1998 | 57.5 | 28.2 | 11.3 | 2.9 |
| 1999 | 57.5 | 31.0 | 8.6 | 3.0 |
| 2000 | 56.9 | 29.7 | 10.3 | 3.1 |
| 2001 | 56.7 | 30.5 | 9.8 | 3.1 |
| 2002 | 57.2 | 29.9 | 9.8 | 3.1 |
| 2003 | 57.3 | 30.1 | 9.5 | 3.1 |
| 2004 | 56.6 | 30.5 | 9.7 | 3.3 |
| 2005 | 56.5 | 30.4 | 9.8 | 3.3 |
| 2006 | 47.7 | 26.0 | 22.2 | 4.0 |
| 2007 | 55.3 | 31.6 | 9.7 | 3.4 |
| 2008 | 54.6 | 33.3 | 9.0 | 3.1 |
| 2009 | 55.0 | 32.5 | 9.2 | 3.3 |
| 2010 | 57.2 | 31.2 | 8.2 | 3.4 |
| 2011 | 55.7 | 32.0 | 8.8 | 3.5 |

*Other includes Street and Highway Lighting

Source: Table 30

# Number of Customers

# Table 32
# Monthly Number of Customers by Class of Service by Selected Utility
# 2011

| | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Monthly Average |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Residential** | | | | | | | | | | | | | |
| Florida Power & Light Company | 4,015,002 | 4,021,384 | 4,027,937 | 4,030,950 | 4,029,779 | 4,028,663 | 4,028,593 | 4,028,766 | 4,024,718 | 4,025,416 | 4,027,556 | 4,032,352 | 4,026,760 |
| Florida Public Utilities Company | 23,581 | 23,567 | 23,619 | 23,618 | 23,611 | 23,549 | 23,632 | 23,529 | 23,588 | 23,627 | 23,554 | 23,695 | 23,598 |
| Gulf Power Company | 376,776 | 377,263 | 377,554 | 378,080 | 378,096 | 378,976 | 379,227 | 379,230 | 378,525 | 378,090 | 377,818 | 378,248 | 378,157 |
| Progress Energy Florida, Inc. | 1,375,237 | 1,453,415 | 1,375,808 | 1,444,384 | 1,453,925 | 1,453,806 | 1,448,126 | 1,537,933 | 1,450,147 | 1,365,216 | 1,597,874 | 1,473,580 | 1,452,454 |
| Tampa Electric Company | 593,639 | 594,720 | 595,309 | 595,159 | 595,490 | 595,988 | 596,020 | 596,002 | 596,635 | 596,680 | 597,396 | 597,933 | 595,914 |
| JEA | 366,760 | 331,634 | 367,771 | 367,243 | 367,372 | 368,050 | 347,206 | 368,772 | 368,472 | 368,100 | 347,118 | 367,754 | 361,354 |
| Orlando Utilities Commission | 179,336 | 179,688 | 180,210 | 180,482 | 180,282 | 180,365 | 180,188 | 180,712 | 181,141 | 180,822 | 181,071 | 181,687 | 180,499 |
| **Commercial** | | | | | | | | | | | | | |
| Florida Power & Light Company | 505,744 | 505,721 | 506,421 | 507,047 | 507,722 | 508,402 | 509,275 | 508,922 | 509,101 | 509,402 | 509,489 | 508,005 | 507,938 |
| Florida Public Utilities Company | 4,343 | 4,341 | 4,346 | 4,340 | 4,339 | 4,332 | 4,345 | 4,342 | 4,363 | 4,345 | 4,345 | 4,366 | 4,346 |
| Gulf Power Company | 53,264 | 53,273 | 53,354 | 53,397 | 53,363 | 53,413 | 53,439 | 53,491 | 53,523 | 53,472 | 53,467 | 53,450 | 53,409 |
| Progress Energy Florida, Inc. | 156,932 | 161,830 | 156,319 | 161,651 | 161,693 | 162,558 | 160,697 | 169,440 | 161,849 | 156,948 | 173,104 | 161,833 | 162,071 |
| Tampa Electric Company | 70,204 | 70,269 | 70,334 | 70,532 | 70,564 | 70,513 | 70,548 | 70,547 | 70,653 | 70,668 | 70,739 | 70,688 | 70,522 |
| JEA | 43,327 | 39,418 | 43,573 | 43,566 | 43,556 | 43,726 | 42,250 | 43,767 | 43,776 | 43,751 | 42,384 | 43,908 | 43,084 |
| Orlando Utilities Commission | 29,438 | 29,545 | 29,621 | 29,711 | 29,732 | 29,814 | 29,917 | 29,952 | 30,037 | 30,037 | 30,183 | 30,284 | 29,856 |
| **Industrial** | | | | | | | | | | | | | |
| Florida Power & Light Company | 8,709 | 8,705 | 8,630 | 8,668 | 8,724 | 8,685 | 8,696 | 8,694 | 8,758 | 8,714 | 8,673 | 8,633 | 8,691 |
| Florida Public Utilities Company | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| Gulf Power Company | 272 | 273 | 272 | 271 | 271 | 273 | 273 | 276 | 276 | 274 | 273 | 273 | 273 |
| Progress Energy Florida, Inc. | 2,395 | 2,485 | 2,397 | 2,430 | 2,414 | 2,414 | 2,334 | 2,443 | 2,417 | 2,379 | 2,432 | 2,359 | 2,408 |
| Tampa Electric Company | 1,460 | 1,476 | 1,476 | 1,474 | 1,482 | 1,498 | 1,504 | 1,503 | 1,501 | 1,505 | 1,516 | 1,525 | 1,493 |
| JEA | 211 | 188 | 206 | 207 | 208 | 206 | 202 | 206 | 203 | 206 | 199 | 204 | 204 |
| Orlando Utilities Commission | 38 | 40 | 40 | 46 | 41 | 41 | 41 | 41 | 38 | 43 | 38 | 37 | 40 |
| **Other** | | | | | | | | | | | | | |
| Florida Power & Light Company | 3,570 | 3,575 | 3,582 | 3,585 | 3,582 | 3,584 | 3,584 | 3,589 | 3,593 | 3,605 | 3,621 | 3,628 | 3,592 |
| Florida Public Utilities Company | 3,031 | 3,036 | 3,043 | 3,040 | 3,036 | 3,037 | 3,057 | 3,049 | 3,048 | 3,036 | 3,036 | 3,036 | 3,040 |
| Gulf Power Company | 562 | 563 | 563 | 563 | 563 | 563 | 565 | 564 | 565 | 569 | 564 | 565 | 564 |
| Progress Energy Florida, Inc. | 24,629 | 25,319 | 24,567 | 25,221 | 25,160 | 25,139 | 24,877 | 26,011 | 25,066 | 24,749 | 26,386 | 25,414 | 25,212 |
| Tampa Electric Company | 7,836 | 7,845 | 7,891 | 7,913 | 7,930 | 7,893 | 7,838 | 7,853 | 7,848 | 7,827 | 7,879 | 7,879 | 7,869 |
| JEA | 4,705 | 3,981 | 4,700 | 4,678 | 4,675 | 4,682 | 4,255 | 4,682 | 4,683 | 4,673 | 4,236 | 4,667 | 4,551 |
| Orlando Utilities Commission | 13,169 | 13,173 | 13,190 | 13,236 | 13,243 | 13,255 | 13,229 | 13,259 | 13,227 | 13,211 | 13,211 | 13,278 | 13,223 |
| **Total** | | | | | | | | | | | | | |
| Florida Power & Light Company | 4,533,025 | 4,539,385 | 4,546,570 | 4,550,250 | 4,549,807 | 4,549,334 | 4,550,148 | 4,549,971 | 4,546,170 | 4,547,137 | 4,549,339 | 4,552,618 | 4,546,979 |
| Florida Public Utilities Company | 30,957 | 30,946 | 31,010 | 31,000 | 30,988 | 30,920 | 31,036 | 30,922 | 31,001 | 31,010 | 30,937 | 31,099 | 30,986 |
| Gulf Power Company | 430,874 | 431,372 | 431,743 | 432,311 | 432,293 | 433,225 | 433,504 | 433,561 | 432,889 | 432,405 | 432,122 | 432,536 | 432,403 |
| Progress Energy Florida, Inc. | 1,559,193 | 1,643,049 | 1,559,091 | 1,633,686 | 1,643,192 | 1,643,917 | 1,636,034 | 1,735,827 | 1,639,479 | 1,549,292 | 1,799,796 | 1,663,186 | 1,642,145 |
| Tampa Electric Company | 673,139 | 674,310 | 675,010 | 675,078 | 675,466 | 675,892 | 675,910 | 675,905 | 676,637 | 676,680 | 677,530 | 678,025 | 675,799 |
| JEA | 415,003 | 375,221 | 416,250 | 415,694 | 415,811 | 416,664 | 393,913 | 417,427 | 417,134 | 416,730 | 393,937 | 416,533 | 409,193 |
| Orlando Utilities Commission | 221,981 | 222,446 | 223,061 | 223,475 | 223,298 | 223,475 | 223,375 | 223,964 | 224,443 | 224,113 | 224,503 | 225,286 | 223,618 |

Sources: Form FPSC/SCR - 4

# Table 33
# Average Number of Customers by Class of Service by Utility
# 2011

| Utility | Residential | Commercial | Industrial | Other | Total |
|---|---|---|---|---|---|
| | | | | | |
| Florida Power & Light Company | 4,026,760 | 507,938 | 8,691 | 3,592 | 4,546,979 |
| Florida Public Utilities Company | 23,598 | 4,346 | 2 | 3,040 | 30,986 |
| Gulf Power Company | 378,157 | 53,409 | 273 | 564 | 432,403 |
| Progress Energy Florida, Inc. | 1,452,454 | 162,071 | 2,408 | 25,212 | 1,642,145 |
| Tampa Electric Company | 595,914 | 70,522 | 1,493 | 7,869 | 675,799 |
| Alachua | 3,457 | 516 | 131 | 64 | 4,168 |
| Bartow | 9,901 | 1,226 | 355 | 136 | 11,618 |
| Blountstown | NR | NR | NR | NR | NR |
| Bushnell | 744 | 253 | 10 | 19 | 1,026 |
| Central Florida Co-op | 29,944 | 2,012 | 85 | 597 | 32,638 |
| Chattahoochee | 1,019 | 122 | 3 | 61 | 1,205 |
| Choctawhatchee Co-op | 37,905 | 5,180 | 226 | 0 | 43,311 |
| Clay Co-op | 149,285 | 16,050 | 773 | 63 | 166,171 |
| Clewiston | 3,359 | 511 | 122 | 203 | 4,195 |
| Escambia River Co-op | 8,711 | 1,053 | 169 | 24 | 9,957 |
| Florida Keys Co-op | 25,763 | 4,548 | 404 | 489 | 31,204 |
| Fort Meade | 2,373 | 240 | 9 | 89 | 2,711 |
| Fort Pierce | 22,731 | 4,158 | 861 | 0 | 27,750 |
| Gainesville | 81,881 | 9,087 | 1,297 | 0 | 92,265 |
| Glades Co-op | NR | NR | NR | NR | NR |
| Green Cove Springs | 3,094 | 528 | 101 | 78 | 3,801 |
| Gulf Coast Co-op | 18,730 | 936 | 11 | 496 | 20,173 |
| Havana | 1,101 | 228 | 0 | 26 | 1,355 |
| Homestead | 19,610 | 2,119 | 553 | 87 | 22,369 |
| JEA | 361,354 | 43,084 | 204 | 4,551 | 409,193 |
| Jacksonville Beach | 28,368 | 4,072 | 368 | 511 | 33,319 |
| Key West | 24,651 | 3,393 | 680 | 1,447 | 30,171 |
| Kissimmee | 53,851 | 8,449 | 867 | 0 | 63,167 |
| Lake Worth | NR | NR | NR | NR | NR |
| Lakeland | 100,688 | 11,769 | 83 | 9,207 | 121,747 |
| Lee County Co-op | NR | NR | NR | NR | NR |
| Leesburg | 18,569 | 3,197 | 446 | 297 | 22,509 |
| Moore Haven | NR | NR | NR | NR | NR |
| Mount Dora | 4,762 | 758 | 55 | 88 | 5,663 |
| New Smyrna Beach | 22,250 | 1,964 | 127 | 1,060 | 25,401 |
| Newberry | NR | NR | NR | NR | NR |
| Ocala | NR | NR | NR | NR | NR |
| Okefenoke* | 9,400 | 477 | 1 | 69 | 9,947 |
| Orlando** | 180,499 | 29,856 | 40 | 13,223 | 223,618 |
| Peace River Co-op | 27,217 | 5,822 | 271 | 58 | 33,368 |
| Quincy | NR | NR | NR | NR | NR |
| Reedy Creek | 9 | 367 | 868 | 57 | 1,301 |
| Seminole Co-op*** | 0 | 0 | 0 | 0 | 0 |
| Starke | 1,969 | 730 | 0 | 0 | 2,699 |
| Sumter Co-op | 159,311 | 14,524 | 1,083 | 31 | 174,949 |
| Suwannee Valley Co-op | 21,749 | 2,832 | 218 | 85 | 24,884 |
| Tallahassee | NR | NR | NR | NR | NR |
| Talquin Co-op | NR | NR | NR | NR | NR |
| Tri-County Co-op | NR | NR | NR | NR | NR |
| Vero Beach | 27,823 | 4,703 | 672 | 400 | 33,598 |
| Wauchula | 2,119 | 462 | 10 | 50 | 2,641 |
| West Florida Co-op | NR | NR | NR | NR | NR |
| Williston | NR | NR | NR | NR | NR |
| Winter Park | NR | NR | NR | NR | NR |
| Withlacoochee Co-op | 181,688 | 18,424 | 43 | 394 | 200,549 |
| | | | | | |
| **Respondent Total** | 8,122,768 | 1,001,934 | 24,014 | 74,238 | 9,222,953 |
| **FRCC State Total** | 8,369,607 | 1,037,584 | 27,202 | NR | 9,434,393 |

NR=Not Reported

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

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

***Seminole Electric Cooperative generates only for resale.

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

# Table 34
# Average Number of Customers by Utility
# 2007-2011

| Utility | 2007 | 2008 | 2009 | 2010 | 2011 |
|---|---|---|---|---|---|
| | | | | | |
| Florida Power & Light Company | 4,496,438 | 4,509,696 | 4,499,115 | 4,520,280 | 4,546,979 |
| Florida Public Utilities Company | 28,310 | 28,518 | 28,355 | 28,286 | 30,986 |
| Gulf Power Company | 425,793 | 429,302 | 428,206 | 430,030 | 432,403 |
| Progress Energy Florida, Inc. | 1,632,347 | 1,638,911 | 1,630,172 | 1,640,813 | 1,642,145 |
| Tampa Electric Company | 666,354 | 667,266 | 666,747 | 670,991 | 675,799 |
| Alachua | 4,077 | 4,164 | 4,188 | 4,265 | 4,168 |
| Bartow | 11,690 | 11,632 | 11,733 | 11,634 | 11,618 |
| Blountstown | 1,353 | 1,355 | 1,670 | NR | NR |
| Bushnell | 1,081 | 1,081 | 1,100 | 1,072 | 1,026 |
| Central Florida | 32,731 | 32,905 | 32,920 | 32,816 | 32,638 |
| Chattahoochee | 1,268 | 1,254 | 1,246 | 1,228 | 1,205 |
| Choctawhatchee | 42,326 | 42,656 | 42,572 | 42,714 | 43,311 |
| Clay | 164,619 | 165,425 | 165,720 | 166,078 | 166,171 |
| Clewiston | 4,186 | 4,160 | 4,147 | 4,160 | 4,195 |
| Escambia River | 9,878 | 9,923 | 10,014 | 9,971 | 9,957 |
| Florida Keys | 31,126 | 31,177 | 31,119 | 31,124 | 31,204 |
| Fort Meade | 2,789 | 2,787 | 2,769 | 2,748 | 2,711 |
| Fort Pierce | 27,279 | 28,632 | 28,306 | 27,757 | 27,750 |
| Gainesville | 90,939 | 95,975 | 93,045 | 92,340 | 92,265 |
| Glades | 196,198 | NR | 16,136 | 16,290 | NR |
| Green Cove Springs | 3,778 | NR | 3,801 | 3,927 | 3,801 |
| Gulf Coast | 20,424 | 20,608 | 20,389 | 20,233 | 20,173 |
| Havana | 1,378 | NR | 1,351 | NR | 1,355 |
| Homestead | 21,078 | 21,286 | 20,911 | 21,713 | 22,369 |
| JEA | 420,550 | 424,012 | 403,543 | 412,796 | 409,193 |
| Jacksonville Beach | 33,032 | 33,132 | 33,331 | 33,410 | 33,319 |
| Key West | 29,558 | 29,444 | 29,601 | 29,908 | 30,171 |
| Kissimmee | 60,997 | 62,227 | 61,899 | 62,199 | 63,167 |
| Lake Worth | 25,766 | 25,396 | 24,983 | 24,693 | NR |
| Lakeland | 122,464 | 122,353 | 121,832 | 121,697 | 121,747 |
| Lee County | 196,633 | NR | NR | NR | NR |
| Leesburg | 21,086 | NR | NR | 22,547 | 22,509 |
| Moore Haven | 984 | NR | 957 | 1,008 | NR |
| Mount Dora | 5,366 | 5,420 | 5,732 | 5,689 | 5,663 |
| New Smyrna Beach | 24,621 | 24,867 | 24,446 | 25,078 | 25,401 |
| Newberry | 1,478 | 1,478 | 1,485 | NR | NR |
| Ocala | 52,282 | NR | 48,234 | 47,975 | NR |
| Okefenoke* | 9,849 | 9,959 | 9,980 | 9,975 | 9,947 |
| Orlando Utilities** | 215,110 | 217,804 | 217,508 | 220,306 | 223,618 |
| Peace River | 32,906 | 32,837 | 32,785 | 33,060 | 33,368 |
| Quincy | 4,923 | NR | NR | NR | NR |
| Reedy Creek | 1,265 | 1,251 | 1,286 | 1,283 | 1,301 |
| Starke | 2,777 | 2,787 | 2,753 | 2,715 | 2,699 |
| Sumter | 161,649 | 165,772 | 168,080 | 172,171 | 174,949 |
| Suwannee Valley | 24,282 | 24,595 | 24,703 | 24,756 | 24,884 |
| Tallahassee | 112,152 | NR | NR | NR | NR |
| Talquin | 53,468 | NR | 52,358 | 52,221 | NR |
| Tri-County | 17,751 | NR | 17,608 | NR | NR |
| Vero Beach | 33,548 | 33,392 | 33,445 | 33,806 | 33,598 |
| Wauchula | 2,695 | 2,709 | 2,686 | NR | 2,641 |
| West Florida | 27,697 | 28,044 | 27,939 | 27,961 | NR |
| Williston | 1,532 | 1,528 | 1,501 | NR | NR |
| Winter Park | 13,872 | 13,856 | 13,825 | NR | NR |
| Withlacoochee | 199,928 | 200,361 | 199,658 | 199,983 | 200,549 |
| | | | | | |
| **Respondent Total*** ** | 9,827,659 | 9,211,937 | 9,307,891 | 9,345,707 | 9,222,953 |
| **FRCC State Total** | 9,383,196 | 9,417,985 | 9,399,539 | 9,382,254 | 9,434,393 |

NR=Not Reported

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

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

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

Source: Table 33

# Table 35
# Average Number of Customers and Percentage Change by Class of Service
# 2002-2011

| Year | | Residential | Commercial | Industrial | Total |
|---|---|---|---|---|---|
| 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% | 10.16% | 2.6% |
| 2006 | Number of Customers | 8,158,148 | 1,006,646 | 35,304 | 9,200,098 |
| | Change from prior year | 2.5% | 2.5% | -2.4% | 2.4% |
| 2007 | Number of Customers | 8,318,132 | 1,029,331 | 35,733 | 9,383,196 |
| | Change from prior year | 2.0% | 2.3% | 1.2% | 2.0% |
| 2008 | Number of Customers | 8,351,253 | 1,036,598 | 30,134 | 9,417,985 |
| | Change from prior year | 0.4% | 0.7% | -15.7% | 0.4% |
| 2009 | Number of Customers | 8,338,964 | 1,032,948 | 27,627 | 9,399,539 |
| | Change from prior year | -0.1% | -0.4% | -8.3% | -0.2% |
| 2010 | Number of Customers | 8,324,256 | 1,030,955 | 27,043 | 9,382,254 |
| | Change from prior year | -0.2% | -0.2% | -2.1% | -0.2% |
| 2011 | Number of Customers | 8,369,607 | 1,037,584 | 27,202 | 9,434,393 |
| | Change from prior year | 0.5% | 0.6% | 0.6% | 0.6% |

*FRCC numbers as revised

Sources: FRCC numbers from Table 33

# Table 36
# Population and Customers for Selected Investor-Owned Utilities
# (Historical and Forecasted)
# 2002-2021

| Utility | Year | Population | Residential Customers | Commercial Customers | Industrial Customers | Other Customers | Total Customers |
|---|---|---|---|---|---|---|---|
| Florida Power & Light Company | 2002 | 7,898,628 | 3,566,167 | 435,313 | 15,533 | 2,792 | 4,019,805 |
| | 2006 | 8,620,855 | 3,906,267 | 478,867 | 21,211 | 3,218 | 4,409,563 |
| | 2011 | 8,810,688 | 4,026,760 | 508,005 | 8,691 | 3,596 | 4,547,052 |
| | 2016 * | 9,384,988 | 4,265,904 | 556,937 | 10,787 | 3,993 | 4,837,621 |
| | 2021 * | 10,044,320 | 4,565,600 | 604,150 | 11,637 | 4,369 | 5,185,756 |
| Gulf Power Company | 2002 | 757,550 | 331,637 | 49,139 | 272 | 474 | 381,522 |
| | 2006 | 791,940 | 360,930 | 53,479 | 294 | 482 | 415,185 |
| | 2011 | 806,620 | 378,157 | 53,409 | 273 | 564 | 432,403 |
| | 2016 * | 878,430 | 405,112 | 56,270 | 279 | 589 | 462,250 |
| | 2021 * | 954,610 | 434,615 | 59,550 | 283 | 616 | 495,064 |
| Progress Energy Florida, Inc. | 2002 | 3,197,823 | 1,301,515 | 150,577 | 2,535 | 21,155 | 1,475,782 |
| | 2006 | 3,504,907 | 1,431,743 | 162,774 | 2,697 | 23,182 | 1,620,396 |
| | 2011 | 3,573,037 | 1,452,454 | 162,071 | 2,408 | 25,228 | 1,642,161 |
| | 2016 * | 3,828,742 | 1,553,242 | 175,567 | 2,400 | 27,002 | 1,758,211 |
| | 2021 * | 4,122,852 | 1,669,847 | 192,375 | 2,400 | 30,010 | 1,894,632 |
| Tampa Electric Company | 2002 | 1,053,580 | 518,554 | 64,665 | 948 | 6,032 | 590,199 |
| | 2006 | 1,170,851 | 575,111 | 70,205 | 1,485 | 6,905 | 653,706 |
| | 2011 | 1,236,778 | 595,914 | 70,522 | 1,493 | 7,869 | 675,798 |
| | 2016 * | 1,316,090 | 632,012 | 75,278 | 1,533 | 8,210 | 717,033 |
| | 2021 * | 1,407,907 | 676,073 | 80,484 | 1,571 | 8,561 | 766,689 |

*Projected

Source: Individual Ten-Year Site Plans

# Prices

# Table 37
# Price of Residential Service*
# December 31, 2011

| Investor-Owned Utility | Minimum Bill or Customer Charge | 100 KWH | 250 KWH | 500 KWH | 750 KWH | 1,000 KWH | 1,500 KWH |
|---|---|---|---|---|---|---|---|
| Florida Power & Light Company | $5.90 | $14.72 | $27.95 | $50.03 | $72.08 | $94.13 | $148.26 |
| Florida Public Utilities Company | | | | | | | |
| Northwest Division | $12.00 | $24.22 | $42.53 | $73.05 | $103.57 | $134.09 | $195.14 |
| Northeast Division | $12.00 | $23.71 | $41.27 | $70.52 | $99.78 | $129.03 | $187.55 |
| Gulf Power Company | $10.00 | $20.96 | $37.41 | $64.81 | $92.20 | $119.60 | $174.41 |
| Progress Energy Florida, Inc. | $8.76 | $19.52 | $35.67 | $62.58 | $89.46 | $116.36 | $180.64 |
| Tampa Electric Company | $10.50 | $19.89 | $33.97 | $57.43 | $80.88 | $104.34 | $151.27 |

*Excludes local taxes, franchise fees, and gross receipts taxes that are billed as separate line items. Includes cost recovery clause factors effective December 2011.

Source: FPSC Comparative Rate Statistics

# Table 37 (continued)
# Price of Residential Service*
# December 31, 2011

| Municipal Utility | Minimum Bill or Customer Charge | 100 KWH | 250 KWH | 500 KWH | 750 KWH | 1,000 KWH | 1,500 KWH |
|---|---|---|---|---|---|---|---|
| Alachua | $9.00 | $20.50 | $37.75 | $66.50 | $95.25 | $124.00 | $181.50 |
| Bartow | $8.00 | $20.73 | $39.82 | $71.63 | $103.45 | $135.26 | $198.89 |
| Blountstown | $3.50 | $16.32 | $35.55 | $67.61 | $99.66 | $131.71 | $195.82 |
| Bushnell | $7.40 | $19.77 | $38.31 | $69.23 | $100.14 | $131.05 | $192.88 |
| Chattahoochee | $6.50 | $18.73 | $37.07 | $67.64 | $98.21 | $128.78 | $189.92 |
| Clewiston | $6.50 | $16.86 | $32.41 | $58.30 | $84.21 | $110.10 | $161.90 |
| Fort Meade | $12.96 | $24.32 | $41.36 | $69.76 | $98.16 | $126.56 | $183.36 |
| Fort Pierce | $6.01 | $18.09 | $36.22 | $66.43 | $96.63 | $126.84 | $187.25 |
| Gainesville | $8.67 | $20.57 | $38.42 | $68.17 | $97.92 | $127.67 | $187.17 |
| Green Cove Springs | $6.00 | $17.15 | $33.87 | $61.74 | $90.85 | $119.97 | $178.21 |
| Havana | $6.00 | $17.21 | $34.04 | $62.06 | $90.10 | $118.12 | $174.18 |
| Homestead | $5.60 | $16.94 | $33.96 | $62.31 | $90.67 | $119.02 | $175.73 |
| JEA | $5.50 | $16.96 | $34.15 | $62.80 | $91.45 | $120.10 | $177.40 |
| Jacksonville Beach | $4.50 | $16.84 | $35.35 | $66.21 | $97.06 | $127.91 | $189.62 |
| Key West | $6.75 | $19.57 | $38.81 | $70.87 | $102.94 | $135.00 | $199.12 |
| Kissimmee | $10.17 | $19.83 | $34.32 | $58.46 | $82.62 | $106.76 | $161.38 |
| Lake Worth | $12.65 | $23.95 | $40.90 | $69.15 | $97.40 | $125.65 | $182.15 |
| Lakeland | $8.00 | $18.13 | $33.34 | $58.66 | $84.00 | $109.32 | $126.27 |
| Leesburg | $10.62 | $21.83 | $38.64 | $66.65 | $94.67 | $122.68 | $178.71 |
| Moore Haven | $8.50 | $19.02 | $34.80 | $61.10 | $87.40 | $113.70 | $166.30 |
| Mount Dora | $8.61 | $21.10 | $39.85 | $71.08 | $102.32 | $133.55 | $196.02 |
| New Smyrna Beach | $5.65 | $16.44 | $32.61 | $59.59 | $86.55 | $113.51 | $167.45 |
| Newberry | $7.50 | $20.50 | $40.00 | $72.50 | $105.00 | $137.50 | $202.50 |
| Ocala | $9.33 | $20.33 | $36.83 | $64.34 | $91.84 | $119.34 | $174.35 |
| Orlando | $8.00 | $19.19 | $35.96 | $63.92 | $91.86 | $119.82 | $180.74 |
| Quincy | $6.00 | $15.37 | $29.41 | $52.83 | $76.24 | $99.65 | $146.48 |
| Reedy Creek | $2.85 | $10.72 | $22.51 | $42.17 | $61.83 | $81.48 | $120.80 |
| Starke | $0.00 | $12.10 | $30.24 | $60.48 | $90.71 | $120.95 | $189.20 |
| St. Cloud | $8.32 | $19.95 | $37.40 | $66.47 | $95.54 | $124.61 | $187.96 |
| Tallahassee | $6.63 | $18.08 | $35.25 | $63.87 | $92.49 | $121.10 | $178.34 |
| Vero Beach | $8.33 | $18.94 | $34.86 | $61.38 | $87.91 | $114.43 | $167.48 |
| Wauchula | $8.62 | $19.42 | $35.62 | $62.62 | $89.62 | $116.62 | $170.62 |
| Williston | $8.00 | $19.28 | $36.21 | $64.42 | $92.63 | $120.84 | $177.26 |
| Winter Park | $9.35 | $19.43 | $34.53 | $59.72 | $84.90 | $110.08 | $166.27 |

* Local taxes, franchise fees, and gross receipts taxes not embedded in rates are excluded. December 2011 Fuel and Purchased Power Costs are included.

Source: FPSC Comparative Rate Statistics

# Table 37 (continued)
# Price of Residential Service*
# December 31, 2011

| Cooperative Utility | Minimum Bill or Customer Charge | 100 KWH | 250 KWH | 500 KWH | 750 KWH | 1,000 KWH | 1,500 KWH |
|---|---|---|---|---|---|---|---|
| Central Florida | $15.00 | $34.00 | $62.50 | $110.00 | $157.50 | $205.00 | $300.00 |
| Choctawhatchee | $24.00 | $33.84 | $48.60 | $73.19 | $97.79 | $122.38 | $171.57 |
| Clay | $11.00 | $20.96 | $35.90 | $60.80 | $85.71 | $110.60 | $165.40 |
| Escambia River | $25.00 | $37.10 | $55.25 | $85.50 | $115.75 | $146.00 | $206.50 |
| Florida Keys | $10.00 | $19.81 | $34.54 | $59.07 | $83.61 | $108.14 | $157.21 |
| Glades | $20.50 | $32.11 | $49.51 | $78.53 | $107.54 | $136.55 | $194.58 |
| Gulf Coast | $19.45 | $30.47 | $47.00 | $74.55 | $102.11 | $129.65 | $184.75 |
| Lee County | $15.00 | $25.44 | $41.09 | $67.18 | $93.27 | $119.36 | $171.54 |
| Okefenoke | $15.00 | $25.43 | $41.08 | $67.15 | $93.23 | $119.30 | $171.45 |
| Peace River | $15.00 | $25.31 | $40.76 | $66.52 | $92.29 | $118.05 | $169.57 |
| Sumter | $14.50 | $25.64 | $42.34 | $70.18 | $98.01 | $125.85 | $181.53 |
| Suwannee Valley | $17.00 | $29.25 | $47.63 | $78.25 | $108.88 | $139.50 | $200.75 |
| Talquin | $10.00 | $22.09 | $40.23 | $70.45 | $100.68 | $130.90 | $191.35 |
| Tri-County | $17.50 | $25.63 | $37.82 | $58.14 | $78.46 | $98.79 | $139.43 |
| West Florida | $20.00 | $32.30 | $50.90 | $81.90 | $112.90 | $143.90 | $205.90 |
| Withlacoochee River | $18.00 | $28.06 | $43.16 | $68.32 | $93.47 | $118.63 | $168.95 |

* Local taxes, franchise fees, and gross receipts taxes not embedded in rates are excluded. December 2011 Fuel and Purchased Power Costs are included.

Source: FPSC Comparative Rate Statistics

# Table 38
# Price of Commercial and Industrial Service*
# December 31, 2011

| Investor-Owned Utility | 75 KW<br>15,000 KWH | 150 KW<br>45,000 KWH | 500 KW<br>150,000 KWH | 1,000 KW<br>400,000 KWH | 2,000 KW<br>800,000 KWH |
|---|---|---|---|---|---|
| Florida Power & Light Company | $1,547 | $3,936 | $13,242 | $31,672 | $62,243 |
| Florida Public Utilities Company | | | | | |
| Northwest Division | $1,780 | $5,027 | $16,472 | $42,424 | $84,748 |
| Northeast Division | $1,729 | $4,874 | $16,740 | $43,140 | $86,180 |
| Gulf Power Company | $1,687 | $4,583 | $13,701 | $33,361 | $66,567 |
| Progress Energy Florida, Inc. | $1,523 | $4,241 | $14,109 | $36,251 | $72,490 |
| Tampa Electric Company | $1,621 | $4,116 | $13,587 | $33,327 | $66,597 |

*Excludes local taxes, franchise fees, and gross receipts taxes that are billed as separate line items. Includes cost recovery clause factors effective December 2011.

Source: FPSC Comparative Rate Statistics

# Table 38 (continued)
# Price of Commercial and Industrial Service*
# December 31, 2011

| Municipal Utility | 75 KW 15,000 KWH | 150 KW 45,000 KWH | 500 KW 150,000 KWH | 1,000 KW 400,000 KWH | 2,000 KW 800,000 KWH |
|---|---|---|---|---|---|
| | | | | | |
| Alachua | $1,969 | $5,273 | $17,470 | $44,095 | $88,145 |
| Bartow | $2,203 | $5,906 | $19,639 | $49,394 | $98,768 |
| Blountstown | $2,237 | $6,696 | $22,304 | $59,465 | $118,923 |
| Bushnell | $2,180 | $5,935 | $19,730 | $50,093 | $100,163 |
| Chattahoochee | $1,804 | $5,503 | $18,325 | $47,180 | $94,352 |
| Clewiston | $1,784 | $5,012 | $16,625 | $43,075 | $86,115 |
| Fort Meade | $1,837 | $5,580 | $18,390 | $45,750 | $91,410 |
| Fort Pierce | $2,038 | $5,527 | $19,648 | $47,953 | $95,867 |
| Gainesville | $2,274 | $6,028 | $19,975 | $32,750 | $65,200 |
| Green Cove Springs | $1,982 | $5,296 | $17,596 | $41,563 | $83,001 |
| Havana | $1,688 | $5,051 | $16,824 | $44,854 | $89,702 |
| Homestead | $1,991 | $5,425 | $17,999 | $45,814 | $91,592 |
| JEA | $1,936 | $5,008 | $16,495 | $42,143 | $83,951 |
| Jacksonville Beach | $2,275 | $6,156 | $20,483 | $51,760 | $103,504 |
| Key West | $2,123 | $5,810 | $19,318 | $49,181 | $98,341 |
| Kissimmee | $1,846 | $4,761 | $15,742 | $38,922 | $77,788 |
| Lake Worth | $2,305 | $5,951 | $19,650 | $48,700 | $97,320 |
| Lakeland | $1,606 | $4,234 | $14,122 | $34,692 | $69,054 |
| Leesburg | $1,861 | $4,749 | $15,776 | $38,529 | $77,035 |
| Moore Haven | $1,881 | $5,156 | $17,133 | $43,683 | $87,343 |
| Mount Dora | $1,746 | $4,847 | $16,112 | $41,362 | $82,704 |
| New Smyrna Beach | $1,986 | $5,384 | $17,870 | $45,348 | $90,662 |
| Newberry | $2,232 | $5,916 | $19,685 | $47,045 | $94,045 |
| Ocala | $1,710 | $4,550 | $15,551 | $39,731 | $78,017 |
| Orlando | $1,095 | $2,625 | $8,682 | $19,855 | $39,635 |
| Quincy | $1,465 | $3,974 | $13,105 | $33,512 | $62,403 |
| Reedy Creek | $2,128 | $5,465 | $18,169 | $44,514 | $89,008 |
| Starke | $2,034 | $6,084 | $20,259 | $54,009 | $108,009 |
| St. Cloud | $1,139 | $2,730 | $9,029 | $20,650 | $41,222 |
| Tallahassee | $1,881 | $4,765 | $15,687 | $38,329 | $76,603 |
| Vero Beach | $2,171 | $6,109 | $9,000 | $24,000 | $48,000 |
| Wauchula | $1,920 | $5,215 | $17,230 | $43,995 | $87,925 |
| Williston | $1,855 | $5,139 | $16,850 | $42,850 | $85,650 |
| Winter Park | $910 | $2,367 | $7,860 | $19,445 | $38,877 |

*Local taxes, franchise fees, & gross receipts taxes not embedded in rates are excluded. December 2011 Fuel & Purchased Power Costs are included.

Source: FPSC Comparative Rate Statistics

# Table 38 (continued)
# Price of Commercial and Industrial Service*
# December 31, 2011

| Cooperative Utility | 75 KW 15,000 KWH | 150 KW 45,000 KWH | 500 KW 150,000 KWH | 1,000 KW 400,000 KWH | 2,000 KW 800,000 KWH |
|---|---|---|---|---|---|
| Central Florida | $3,228 | $8,950 | $29,600 | $76,100 | $152,100 |
| Choctawhatchee | $1,560 | $4,144 | $13,080 | $33,178 | $66,315 |
| Clay | $1,563 | $4,278 | $14,130 | $36,255 | $71,250 |
| Escambia River | $2,218 | $5,915 | $19,600 | $49,350 | $98,650 |
| Florida Keys | $1,525 | $4,472 | $14,786 | $39,336 | $78,621 |
| Glades | $1,997 | $5,535 | $18,183 | $25,715 | $51,255 |
| Gulf Coast | $2,035 | $5,171 | $17,155 | $41,733 | $83,423 |
| Lee County | $1,708 | $4,544 | $11,489 | $29,454 | $58,878 |
| Okefenoke | $1,978 | $5,202 | $17,105 | $43,080 | $86,060 |
| Peace River | $1,837 | $4,829 | $15,957 | $39,952 | $79,844 |
| Sumter | $1,675 | $4,485 | $14,822 | $37,517 | $74,979 |
| Suwannee Valley | $2,042 | $5,564 | $18,550 | $46,250 | $92,250 |
| Talquin | $1,535 | $4,221 | $14,255 | $39,392 | $78,484 |
| Tri-County | $1,489 | $3,463 | $11,193 | $26,464 | $52,778 |
| West Florida | $1,914 | $5,343 | $17,692 | $23,106 | $46,112 |
| Withlacoochee River | $1,525 | $4,069 | $13,499 | $33,952 | $67,876 |

* Local taxes, franchise fees, and gross receipts taxes not embedded in rates are excluded. December 2011 Fuel and Purchased Power Costs are included.

Source: FPSC Comparative Rate Statistics

# Economic and Financial Indicators

# Table 39
# Population Estimates
# 2002-2011
# (in Thousands)

| Year | Florida Population | National Population |
|---|---|---|
| 2002 | 16,680 | 287,804 |
| 2003 | 16,981 | 290,326 |
| 2004 | 17,375 | 293,046 |
| 2005 | 17,784 | 295,753 |
| 2006 | 18,089 | 298,593 |
| 2007 | 18,278 | 301,580 |
| 2008 | 18,424 | 304,375 |
| 2009 | 18,538 | 307,007 |
| 2010 | 18,839 | 309,330 |
| 2011 | 19,058 | 311,592 |

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

# Table 40
# Population Projections
# 2020-2040
# (in Thousands)

| Year | Florida Population | National Population |
|---|---|---|
| 2020 | 21,022 | 334,123 |
| 2030 | 23,567 | 358,407 |
| 2040 | 25,847 | 379,551 |

Source: U.S. Census Bureau, Washington D.C. 20233
http://edr.state.fl.us/Content/population-demographics/data/index.cfm
http://www.census.gov/population/www/projections/natproj.html

## Table 41
## Consumer Price Index
## All Urban Consumers
## Annual Rate of Change
## 2002-2011

| Year* | All Urban Consumers |
|---|---|
| 2002 | 1.6% |
| 2003 | 2.3% |
| 2004 | 2.7% |
| 2005 | 3.4% |
| 2006 | 3.2% |
| 2007 | 2.8% |
| 2008 | 3.8% |
| 2009 | -0.4% |
| 2010 | 1.6% |
| 2011 | 3.4% |

## Table 42
## Consumer Price Index
## For All Items and Fuel and Other Utilities
## 2002-2011

| Year* | All Items | Fuel and Other Utilities |
|---|---|---|
| 2002 | 179.9 | 143.6 |
| 2003 | 184.0 | 154.5 |
| 2004 | 188.9 | 161.9 |
| 2005 | 195.3 | 179.0 |
| 2006 | 201.6 | 194.7 |
| 2007 | 207.3 | 200.6 |
| 2008 | 215.3 | 220.0 |
| 2009 | 214.5 | 210.7 |
| 2010 | 218.1 | 214.2 |
| 2011 | 226.2 | 221.4 |

*Not seasonally adjusted.

Source: Tables 41 and 42, Economic Indicators, Council of Economic Advisors, Joint Economic Committee, United States Government Printing Office
http://www.gpo.gov/fdsys/browse/collection.action?collectionCode=ECONI

# Table 43
# Producer Price Index
# Total Finished Goods and Capital Equipment
# 2002-2011

| Year | Finished Goods | Capital Equipment |
|---|---|---|
| 2002 | 138.9 | 139.1 |
| 2003 | 143.3 | 139.5 |
| 2004 | 148.5 | 141.4 |
| 2005 | 155.7 | 144.6 |
| 2006 | 160.4 | 146.9 |
| 2007 | 166.6 | 149.5 |
| 2008 | 177.1 | 153.8 |
| 2009 | 172.5 | 156.7 |
| 2010 | 179.8 | 157.3 |
| 2011 | 192.8 | 160.8 |

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

# Appendix

# Abbreviations and Terminology

# Abbreviations and Terminology

The following abbreviations are used frequently throughout this report:

| | |
|---|---|
| EIA | Energy Information Administration |
| EDC | Florida Energy Data Center |
| 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) |

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

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

**Unit Number (U)**

r = Retirement
c = Change of modification of unit

**Unit Type (T)**

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

**Primary Fuel (F)**

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

**Capability**

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

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

**Load Factor Formula**

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

Where:

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

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

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

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

# Glossary of Electric Utility Terms

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

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

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

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

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

> **Gross System** – The net generating station capability of a system at a stated period of time (usually at the time of the system's maximum load), plus capability available at such time from other sources through firm power contracts.
>
> Note: The Florida Electric Power Coordinating Group and much of the utility industry prefer a different definition. Their use of the word relates to the capability at the generator terminals and would therefore be defined as the "total capability of a system's generating units measured at their terminals."
>
> **Margin of Reserve** – See **Capability Margin.**
>
> **Net Generating Station** – The capability of a generating station as demonstrated by test or as determined by actual operating experience less power generated and used for auxiliaries and other station uses. Capability may vary with the character of the load, time of year (due to circulating water temperatures in thermal stations or availability of water in hydro stations), and other characteristic causes. Capability is sometimes referred to as Effective Rating.
>
> **Net System** – The net generating station capability of a system at a stated period of time (usually at the time of the system's maximum load), plus capability available at such time from other sources through firm power contracts, less firm power obligations at such time to other companies or systems.
>
> **Peaking** – Generating capability normally designed for use during the maximum load period of a designated time interval.

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

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

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

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

**Installed Generating** – See **Nameplate Rating**.

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

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

**Reserve:**

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

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

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

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

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

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

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

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

**Sales to Ultimate Customers:***

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

**Fuel Costs (Most Commonly Used by Electric Utility Companies)**

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

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

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

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

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

**Fuel Efficiency** – See **Heat Rate**.

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

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

**Gas-Fuel Costs** – See **Fuel Costs**.

**Gas-MCF** – 1,000 cubic feet of gas.

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

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

**Atomic** – See **Nuclear**.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

**Industrial** – See **Commercial and Industrial**.

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

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

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

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

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

> **Average** – See **Demand, Average**.
>
> **Base** – The minimum load over a given period of time.
>
> **Connected** – Connected load is the sum of the capacities or rating of the electric power-consuming apparatus connected to a supplying system, or any part of the system under consideration.
>
> **Peak** – See **Demand, Maximum** and also **Demand, Instantaneous Peak**.

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

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

> **Average** – The total difference in energy input and output or power input and output (due to losses) averaged over a time interval and expressed either in physical quantities or as a percentage of total input.
>
> **Energy** – The kilowatt-hours lost in the operation of an electric system.
>
> **Line** – Kilowatt-hours and kilowatts lost in transmission and distribution lines under specified conditions.
>
> **Peak Percent** – The difference between the power input and output, as a result of losses due to the transfer of power between two or more points on a system at the time of maximum load, divided by the power input.
>
> **System** – The difference between the system net energy or power input and output, resulting from characteristic losses and unaccounted for between the sources of supply and the metering points of delivery on a system.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

**Reserve Capacity** – See **Capacity.**

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

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

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

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

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

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

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

**System Load** – See **Demand.**

**System Loss** – See **Loss (Losses).**

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

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

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

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

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

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

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

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

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

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