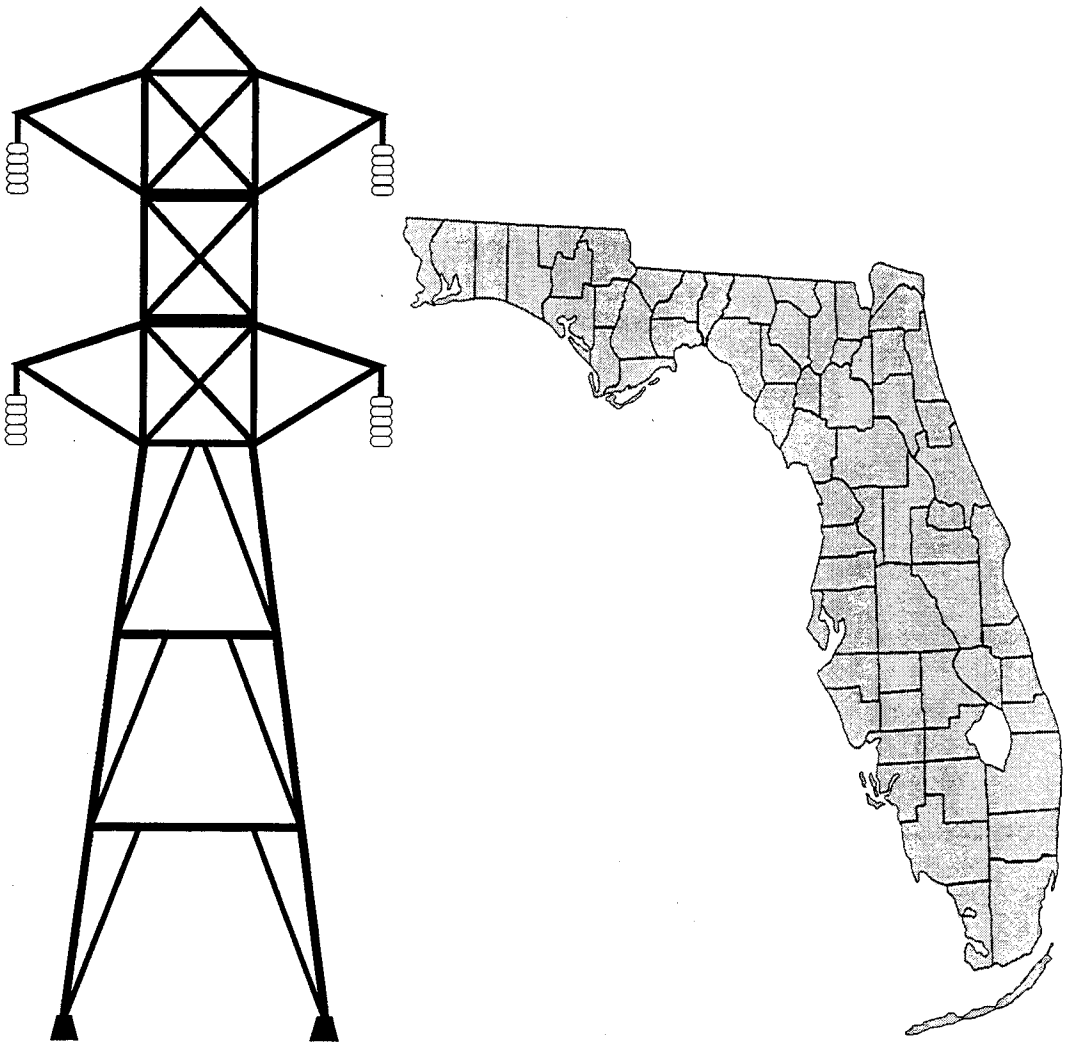
STATISTICS OF THE FLORIDA ELECTRIC UTILITY INDUSTRY 1999



PUBLISHED AUGUST 2000
DIVISION OF ECONOMIC REGULATION
FLORIDA PUBLIC SERVICE COMMISSION

STATE OF FLORIDA

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Public Service Commission

STATISTICS OF THE FLORIDA ELECTRIC UTILITY INDUSTRY

This is your personal copy of the 1999 edition of *STATISTICS OF THE FLORIDA ELECTRIC UTILITY INDUSTRY*. We would like to thank all the users of this report for their assistance and cooperation in helping us compile this edition.

The 1999 report was prepared by the Division of Economic Regulation of the Florida Public Service Commission. Access to the database will be available through the division. Should you have any questions or suggestions for this publication, please contact them.

STATISTICS OF THE FLORIDA ELECTRIC UTILITY INDUSTRY

1999

This publication is in partial fulfillment of Section 377.703, Florida Statutes, which requires the Governor's Office, in coordination with the Public Service Commission, to publish periodicals on data collected regarding energy resources. This publication provides a single comprehensive source of statistics on Florida's electrical utility industry.

Data were compiled primarily from three sources: the Federal Energy Information Administration, the Florida Reliability Coordinating Council, and Florida electric utilities. We have not audited the data and can not verify it's accuracy. Information compiled from electric utilities may be incomplete or inaccurate, so totals may substantially deviate from totals reported by other institutions.

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BY TYPE OF OWNERSHIP

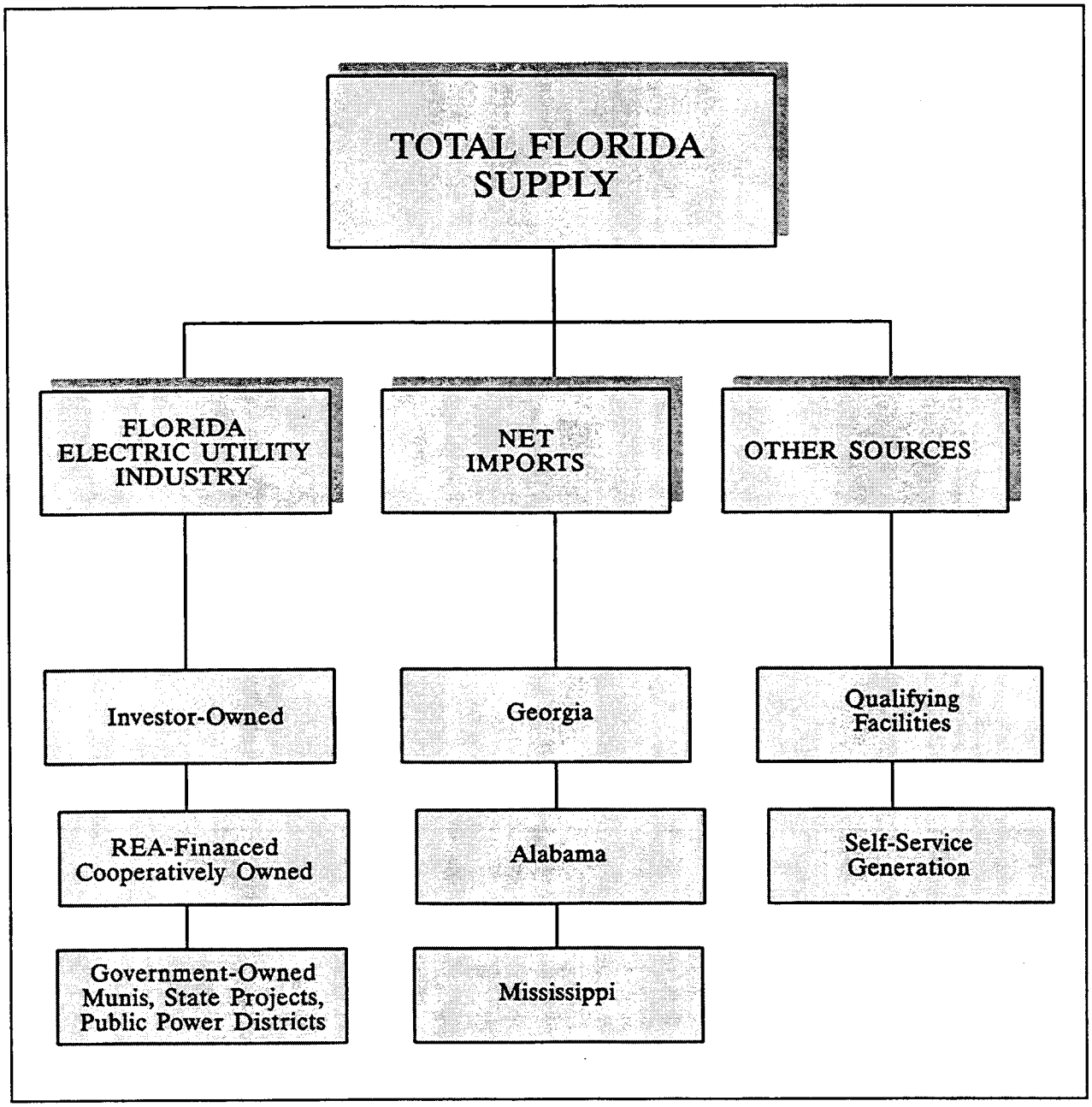
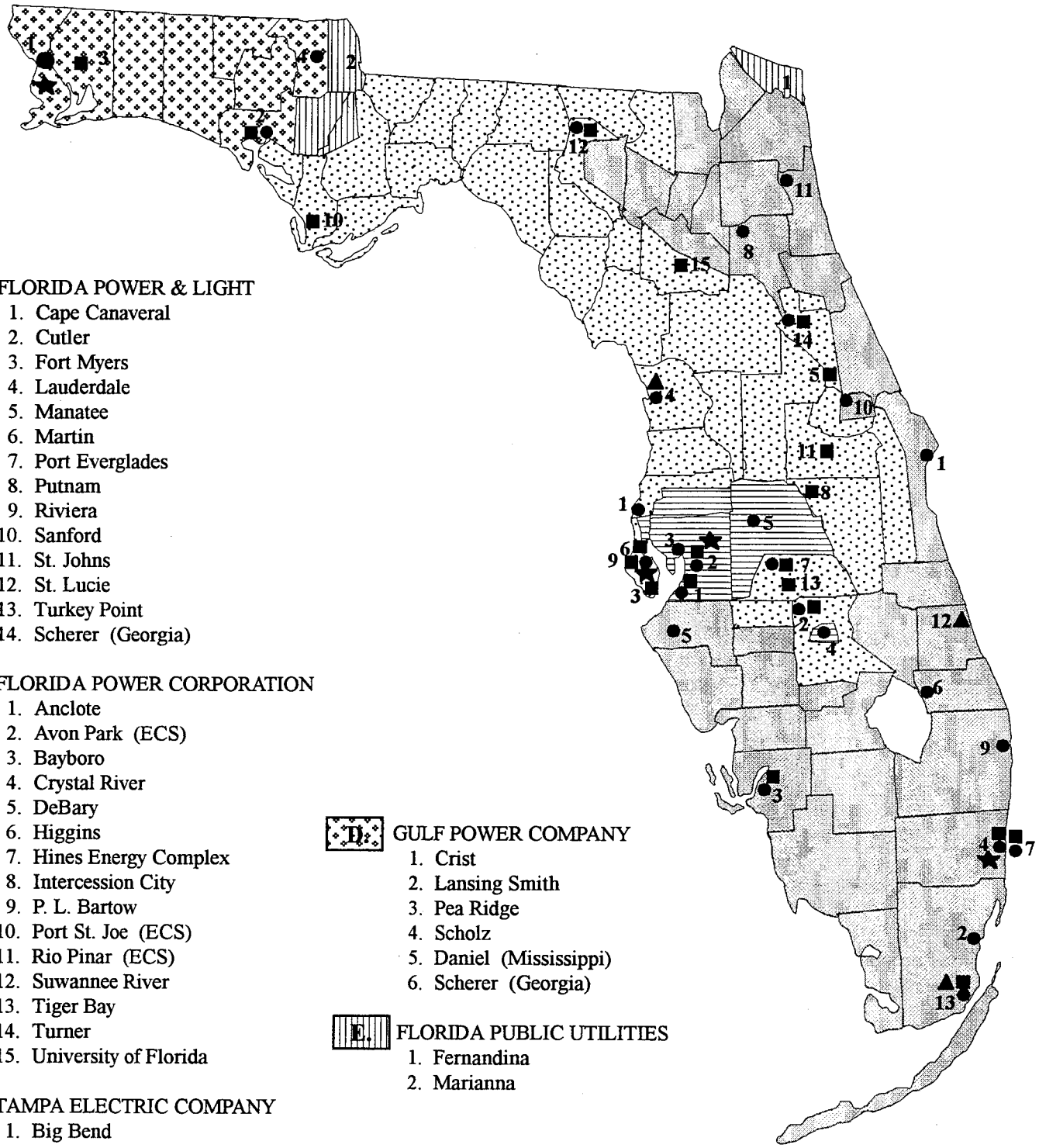


FIGURE 2
PRIVATELY OWNED UTILITIES



A. FLORIDA POWER & LIGHT
1. Cape Canaveral
2. Cutler
3. Fort Myers
4. Lauderdale
5. Manatee
6. Martin
7. Port Everglades
8. Putnam
9. Riviera
10. Sanford
11. St. Johns
12. St. Lucie
13. Turkey Point
14. Scherer (Georgia)

B. FLORIDA POWER CORPORATION
1. Anclote
2. Avon Park (ECS)
3. Bayboro
4. Crystal River
5. DeBary
6. Higgins
7. Hines Energy Complex
8. Intercession City
9. P. L. Bartow
10. Port St. Joe (ECS)
11. Rio Pinar (ECS)
12. Suwannee River
13. Tiger Bay
14. Turner
15. University of Florida

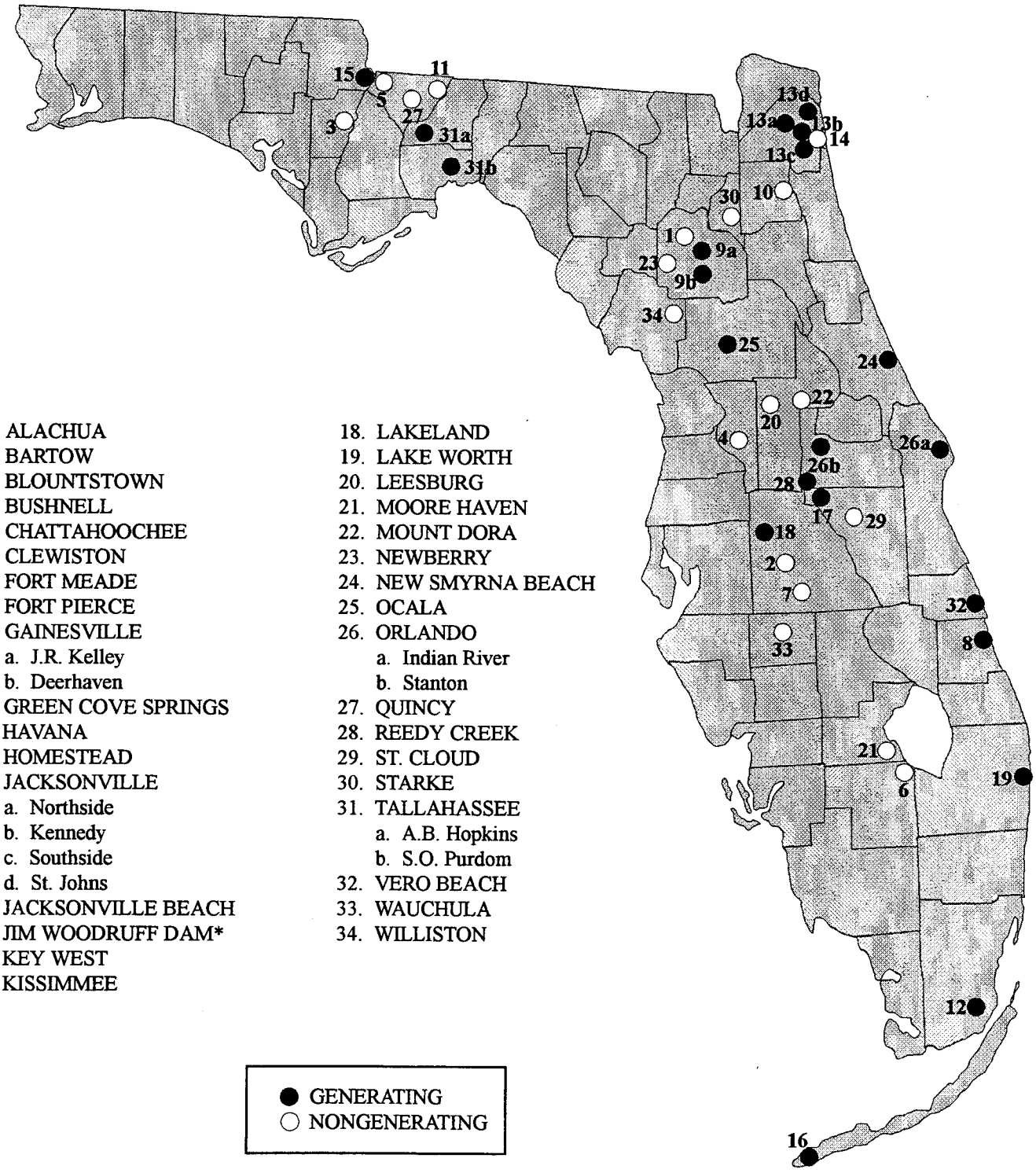
C. TAMPA ELECTRIC COMPANY
1. Big Bend
2. Gannon
3. Hookers Point
4. Phillips
5. Polk

D. GULF POWER COMPANY
1. Crist
2. Lansing Smith
3. Pea Ridge
4. Scholz
5. Daniel (Mississippi)
6. Scherer (Georgia)

E. FLORIDA PUBLIC UTILITIES
1. Fernandina
2. Marianna

● Steam Generation
▲ Nuclear
■ Internal Combution or Gas Turbine
★ IOU Headquarters

FIGURE 3
PUBLICLY OWNED UTILITIES

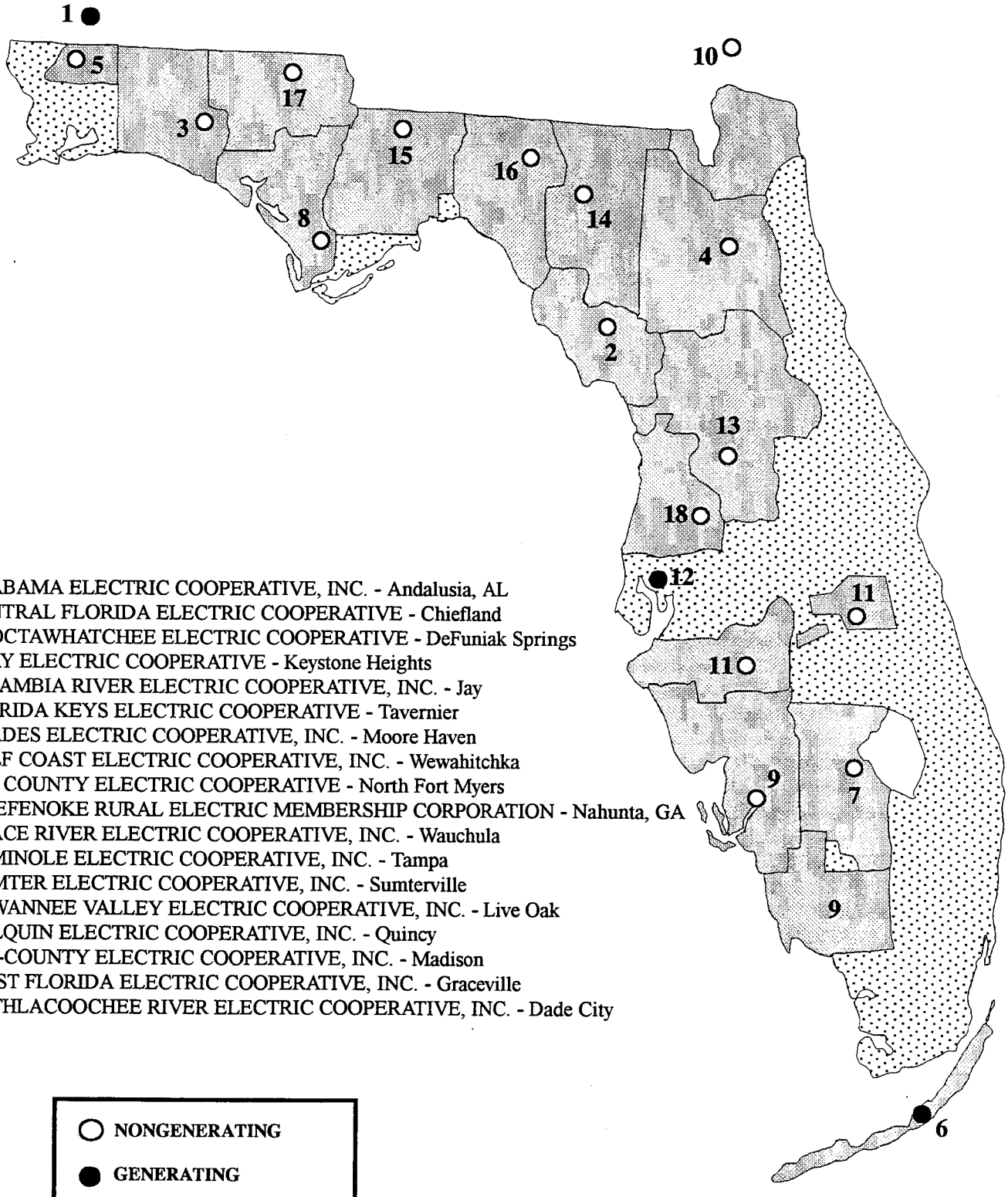


1. ALACHUA
2. BARTOW
3. BLOUNTSTOWN
4. BUSHNELL
5. CHATTAHOOCHEE
6. CLEWISTON
7. FORT MEADE
8. FORT PIERCE
9. GAINESVILLE
   a. J.R. Kelley
   b. Deerhaven
10. GREEN COVE SPRINGS
11. HAVANA
12. HOMESTEAD
13. JACKSONVILLE
    a. Northside
    b. Kennedy
    c. Southside
    d. St. Johns
14. JACKSONVILLE BEACH
15. JIM WOODRUFF DAM*
16. KEY WEST
17. KISSIMMEE
18. LAKELAND
19. LAKE WORTH
20. LEESBURG
21. MOORE HAVEN
22. MOUNT DORA
23. NEWBERRY
24. NEW SMYRNA BEACH
25. OCALA
26. ORLANDO
    a. Indian River
    b. Stanton
27. QUINCY
28. REEDY CREEK
29. ST. CLOUD
30. STARKE
31. TALLAHASSEE
    a. A.B. Hopkins
    b. S.O. Purdom
32. VERO BEACH
33. WAUCHULA
34. WILLISTON

● GENERATING
○ NONGENERATING

*Southeastern Power Administration

FIGURE 4
RURAL ELECTRIC COOPERATIVES



1. ALABAMA ELECTRIC COOPERATIVE, INC. - Andalusia, AL
2. CENTRAL FLORIDA ELECTRIC COOPERATIVE - Chiefland
3. CHOCTAWHATCHEE ELECTRIC COOPERATIVE - DeFuniak Springs
4. CLAY ELECTRIC COOPERATIVE - Keystone Heights
5. ESCAMBIA RIVER ELECTRIC COOPERATIVE, INC. - Jay
6. FLORIDA KEYS ELECTRIC COOPERATIVE - Tavernier
7. GLADES ELECTRIC COOPERATIVE, INC. - Moore Haven
8. GULF COAST ELECTRIC COOPERATIVE, INC. - Wewahitchka
9. LEE COUNTY ELECTRIC COOPERATIVE - North Fort Myers
10. OKEFENOKE RURAL ELECTRIC MEMBERSHIP CORPORATION - Nahunta, GA
11. PEACE RIVER ELECTRIC COOPERATIVE, INC. - Wauchula
12. SEMINOLE ELECTRIC COOPERATIVE, INC. - Tampa
13. SUMTER ELECTRIC COOPERATIVE, INC. - Sumterville
14. SUWANNEE VALLEY ELECTRIC COOPERATIVE, INC. - Live Oak
15. TALQUIN ELECTRIC COOPERATIVE, INC. - Quincy
16. TRI-COUNTY ELECTRIC COOPERATIVE, INC. - Madison
17. WEST FLORIDA ELECTRIC COOPERATIVE, INC. - Graceville
18. WITHLACOOCHEE RIVER ELECTRIC COOPERATIVE, INC. - Dade City

FLORIDA ELECTRIC UTILITY INDUSTRY
1999

INVESTOR-OWNED SYSTEMS

Florida Power Corporation (FPC)
Florida Power & Light Company (FPL)
Florida Public Utilities (FPU)
Gulf Power Company (GPC)
Tampa Electric Company (TEC)

GENERATING MUNICIPAL SYSTEMS

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

GENERATING RURAL ELECTRIC COOPERATIVES

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

GENERATING - OTHER

Southeastern Power Administration (SPA)
(Jim Woodruff Dam)

NONGENERATING MUNICIPAL SYSTEMS

Alachua, City of (ALA)
Bartow, City of (BAR)
Blountstown, City of (BLT)
Bushnell, City of (BUS)
Chattahoochee, City of (CHA)
Clewiston, City of (CLE)
Fort Meade, City of (FMD)
Green Cove Springs, City of (GCS)
Havana, City 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)
St. Cloud, City of (STC)*
Starke, City of (STK)
Wauchula, City of (WAU)
Williston, City of (WIL)

NONGENERATING RURAL ELECTRIC COOPERATIVES

Central Florida Electric Cooperative, Inc. (CFC)
Choctawhatchee Electric Cooperative, Inc. (CHW)
Clay Electric Cooperative, Inc. (CEC)
Escambia River Electric Cooperative, Inc. (ESC)
Glades Electric Cooperative, Inc. (GEC)
Gulf Coast Electric Cooperative, Inc. (GCC)
Lee County Electric Cooperative, Inc. (LEC)
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 Coop., Inc. (WRC)

*Units are on cold standby.

SOURCE: FRCC Aggregate Form 4.1

COUNTIES SERVED BY GENERATING ELECTRIC UTILITIES
1999

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 Power Corporation	Alachua, Bay, Brevard, Citrus, Columbia, Dixie, Flagler, Franklin, Gadsden, Gilchrist, Gulf, Hamilton, Hardee, Hernando, Highlands, Jefferson, Lafayette, Lake, Leon, Levy, Liberty, Madison, Marion, Orange, Osceola, Pasco, Pinellas, Polk, Seminole, Sumter, Suwannee, Taylor, Volusia, Wakulla
Florida Public Utilities	Calhoun, Jackson, Liberty, Nassau
Gulf Power Company	Bay, Escambia, Holmes, Jackson, Okaloosa, Santa Rosa, Walton, Washington
Tampa Electric Company	Hillsborough, Pasco, Pinellas, Polk
MUNICIPAL SYSTEMS	
Fort Pierce	St. Lucie
Gainesville	Alachua
Homestead	Dade
Jacksonville	Clay, Duval, St. Johns
Key West	Monroe
Kissimmee	Osceola
Lakeland	Polk
Lake Worth	Palm Beach
New Smyrna Beach	Volusia
Orlando	Orange
Reedy Creek	Orange
Starke	Bradford
Tallahassee	Leon
Vero Beach	Indian River
RURAL ELECTRIC COOPERATIVES	
Florida Keys Electric Cooperative	Monroe

COUNTIES SERVED BY NONGENERATING ELECTRIC UTILITIES
1999

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
RURAL ELECTRIC COOPERATIVES	
Central Florida	Alachua, Dixie, Gilchrist, Levy, Marion
Choctawhatchee	Holmes, Okaloosa, Santa Rosa, Walton
Clay	Alachua, Baker, Bradford, Clay, Columbia, Duval, Flagler, Lake, Levy, Marion, Putnam, Suwanee, Union, Volusia
Escambia River	Escambia, Santa Rosa
Glades	Glades, Hendry, Highlands, Okeechobee
Gulf Coast	Bay, Calhoun, Gulf, Jackson, Walton, Washington
Lee County	Charlotte, Collier, Hendry, Lee
Okefenoke	Baker, Nassau
Peace River	Brevard, DeSoto, Hardee, Highlands, Hillsborough, Indian River, Manatee, Osceola, Polk, Sarasota
Sumter	Citrus, Hernando, Lake, Levy, Marion, Pasco, Sumter
Suwannee Valley	Columbia, Hamilton, Lafayette, Suwannee
Talquin	Franklin, Gadsden, Leon, Liberty, Wakulla
Tri-County	Dixie, Jefferson, Madison, Taylor
West Florida	Calhoun, Holmes, Jackson, Washington
Withlacoochee	Citrus, Hernando, Pasco, Polk, Sumter

TABLE 1
SUMMARY STATISTICS
1995-1999

	1995	PERCENT CHANGE 1995-1996	1996	PERCENT CHANGE 1996-1997	1997	PERCENT CHANGE 1997-1998	1998	PERCENT CHANGE 1998-1999	1999
I. NAMEPLATE CAPACITY (MW)									
A. By Prime Mover									
Conventional Steam	27,107	(4.3)	25,950	11.2	28,848	0.1	28,885	(4.9)	27,456
Internal Combustion and Gas Turbine	6,261	1.3	6,343	1.7	6,450	0.7	6,493	5.4	6,841
Combined Cycle	1,442	171.2	3,910	(18.6)	3,181	(10.3)	2,854	61.5	4,610
Hydroelectric	20	5.0	21	0.0	21	0.0	21	(8.6)	19
Steam - Nuclear	4,124	(0.3)	4,110	0.0	4,110	0.0	4,110	0.0	4,110
B. By Type of Ownership									
Investor-Owned	29,231	(1.0)	30,337	1.7	33,034	14.4	32,094	2.7	32,969
Municipal and Cooperatives	9,723	0.1	9,996	5.4	9,576	3.9	10,270	(2.0)	10,068
Total Nameplate Capacity	38,954	3.5	40,334	5.6	42,610	(0.6)	42,363	1.6	43,037
II. INTERCHANGE AND GENERATION (GWH)									
A. By Prime Mover									
Conventional Steam	117,474	(2.3)	114,725	2.7	117,801	11.8	131,756	(6.5)	123,237
Internal Combustion and Combustion Turbine	10,348	47.5	15,268	22.9	18,759	11.8	20,981	(86.7)	2,789
Combined Cycle*	NR	-	NR	-	NR	-	NR	-	21,958
Hydroelectric	250	(6.0)	235	12.3	264	11.7	295	(74.9)	74
Steam - Nuclear	31,084	(10.8)	27,718	(9.3)	25,137	11.8	28,115	13.0	31,772
B. By Fuel Type (GWH)									
Coal	65,714	6.5	70,008	6.0	74,219	(1.4)	73,184	7.1	78,413
Oil	32,186	2.7	33,060	(1.5)	32,561	42.6	46,430	(27.7)	33,550
Natural Gas	33,483	(8.9)	30,496	8.6	33,123	(5.4)	31,319	11.6	34,964
Nuclear	27,726	(12.2)	24,333	(9.6)	22,000	37.1	30,168	5.3	31,772
Hydroelectric	47	4.3	49	18.4	58	(20.7)	46	60.9	74
C. By Type of Ownership									
Investor-Owned	121,496	(1.0)	120,267	1.7	122,264	14.4	139,909		NR
Municipal and Cooperatives	37,660	0.1	37,679	5.4	39,697	3.9	41,238		NR
Total Generation	159,156	(0.8)	157,946	2.5	161,961	11.8	181,147	10.6	178,773
Net Interchange and Non-Utility Generators	NR	-	NR	-	NR	-	NR	-	21,601
Total Net Interchange and Generation	NR	-	NR	-	NR	-	NR	-	200,374
III. SALES TO ULTIMATE CONSUMERS (GWH)									
A. By Class of Customer									
Residential	85,536	3.2	88,240	(0.6)	87,657	8.8	95,419	(3.2)	92,386
Commercial	51,446	4.3	53,667	4.6	56,133	5.8	59,368	11.2	66,022
Industrial	24,973	(1.1)	24,701	3.3	25,513	3.7	26,458	(20.1)	21,132
Other	5,356	2.7	5,498	5.6	5,808	2.3	5,944	(13.6)	5,138
B. By Type of Ownership									
Investor-Owned	129,478	2.3	132,469	2.2	135,369	6.9	144,658	(0.4)	144,123
Municipal and Cooperatives	37,833	4.8	39,637	0.3	39,760	7.0	42,532	(4.6)	40,555
Total Sales to Ultimate Customer	167,311	2.9	172,106	1.8	175,129	6.9	187,190	(1.3)	184,678
IV UTILITY USE AND LOSSES (GWH)	16,682	1.0	16,845	(3.5)	16,250	11.5	18,120	(13.4)	15,696

*Prior to 1999, combined cycle was reported with internal combustion and combustion turbine generation

TABLE 1 (continued)
SUMMARY STATISTICS
1995-1999

	1995	PERCENT CHANGE 1995-1996	1996	PERCENT CHANGE 1996-1997	1997	PERCENT CHANGE 1997-1998	1998	PERCENT CHANGE 1998-1999	1999
V. FLORIDA POPULATION (THOUSANDS)	14,185	1.9	14,227	1.8	14,683	2.1	14,908	1.4	15,111
VI. CONSUMPTION PER CAPITA (KWH)									
A. Total Sales per Capita	11,795	0.9	12,097	(0.1)	11,927	4.7	12,556	(2.7)	12,221
B. Residential Sales per Capita	6,030	1.2	6,202	(2.4)	5,970	6.6	6,401	(4.5)	6,114
VII. NET GENERATION PER CAPITA (KWH)	11,220	(2.7)	11,102	0.7	11,031	9.6	12,151	9.1	13,260
VIII. AVERAGE ANNUAL RESIDENTIAL CONSUMPTION PER CUSTOMER (KWH)	13,237	1.1	13,389	(2.4)	13,061	7.1	13,993	(3.7)	13,469
IX. NUMBER OF CUSTOMERS									
By Class of Service									
Residential	6,461,631	2.0	6,587,858	1.9	6,712,519	1.6	6,818,933	(1.4)	6,726,568
Commercial	770,598	3.0	793,156	1.5	805,089	2.0	821,027	(1.9)	805,314
Industrial	37,586	(4.8)	35,783	3.5	37,036	(1.2)	36,607	(13.1)	31,798
Other	89,769	1.9	91,506	7.8	98,613	2.4	101,018	(45.4)	55,194
Total	7,359,584	2.0	7,508,303	1.9	7,653,257	1.6	7,777,585	(1.6)	7,653,257
X. CUSTOMER REVENUES									
A. By Class of Service (in Thousands)									
Residential	$6,635,847	6.3	$7,056,633	0.3	$7,074,435	6.4	$7,525,835	(11.7)	$6,643,726
Commercial	3,303,139	8.1	3,570,759	4.2	3,722,308	(1.0)	3,684,867	(3.3)	3,561,466
Industrial	1,352,628	0.8	1,363,019	1.4	1,382,150	7.3	1,483,475	(37.2)	931,082
Other	484,992	(22.4)	376,590	3.7	390,703	(1.7)	383,985	(12.1)	337,505
Total	$11,776,606	5.0	$12,367,001	1.6	$12,569,596	4.0	$13,078,162	(12.3)	$11,473,779
B. By Class of Service (as a Percentage of Total)									
Residential	56.3 %		57.1 %		56.3 %		57.1 %		57.9
Commercial	28.0		28.9		29.6		28.2		31.0
Industrial	11.5		11.0		11.0		11.3		8.1
Other	4.1		3.0		3.1		2.9		2.9
Total	100 %		100 %		100 %		100 %		100

SOURCES: EIA-826, 759
FPSC Form AFAD (RRR)-1, 2, 4
A-Schedules 1997
U.S. Census Bureau, Washington D.C. 20233
2000 Regional Load and Resource Plan, FRCC

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

TABLE 2
ALLOWED AND ACTUAL RATES OF RETURN
1996-1999

	1996	PERCENT CHANGE 1996-1997	1997	PERCENT CHANGE 1997-1998	1998	PERCENT CHANGE 1998-1999	1999
AVERAGE PER BOOK RATE OF RETURN							
Florida Power & Light	9.32 %	5.04	9.79 %	3.37	10.12 %	(3.66)	9.75 %
Florida Power Corporation	9.15	(31.58)	6.26	36.26	8.53	6.10	9.05
Tampa Electric Company	8.60	1.28	8.71	(0.92)	8.63	1.62	8.77
Gulf Power Company	7.54	2.92	7.76	5.15	8.16	(1.59)	8.03
AVERAGE ADJUSTED RATE OF RETURN							
Florida Power & Light	8.79 %	3.30	9.08 %	0.55	9.13 %	(5.59)	8.62 %
Florida Power Corporation	8.90	(31.24)	6.12	41.67	8.67	4.15	9.03
Tampa Electric Company	8.62	1.39	8.74	(0.92)	8.66	(4.97)	8.23
Gulf Power Company	7.93	(0.38)	7.90	1.65	8.03	0.87	8.10
REQUIRED RATES OF RETURN*							
Florida Power & Light	8.74 %	2.06	8.92 %	(1.12)	8.82 %	(8.62)	8.06 %
Florida Power Corporation	8.85	(4.18)	8.48	(1.06)	8.39	3.46	8.68
Tampa Electric Company	8.31	(0.72)	8.25	(0.48)	8.21	(0.97)	8.13
Gulf Power Company	7.67	(0.26)	7.65	(0.26)	7.63	(0.92)	7.56
ADJUSTED JURISDICTIONAL YEAR-END RATE BASE (MILLIONS)							
Florida Power & Light	$9,280.55	(2.38)	$9,059.37	(3.72)	$8,721.92	0.47	$8,762.82
Florida Power Corporation	3,290.70	6.18	3,493.96	5.83	3,697.80	(6.62)	3,453.09
Tampa Electric Company	2,114.58	(1.53)	2,082.20	4.07	2,167.02	0.63	2,180.63
Gulf Power Company	904.91	(2.52)	882.09	(1.11)	872.26	2.42	893.39

*Average Capital Structure - Midpoint

SOURCE: Earnings Surveillance Report

TABLE 3
SOURCES OF REVENUE
INVESTOR-OWNED ELECTRIC UTILITIES
(PERCENTAGE OF TOTAL SALES)
1996-1999

	1996	PERCENT CHANGE 1996-1997	1997	PERCENT CHANGE 1997-1998	1998	PERCENT CHANGE 1998-1999	1999
FLORIDA POWER & LIGHT							
Residential	56.48 %	(0.71)	56.08 %	2.28	57.36 %	(2.75)	55.78 %
Commercial	35.96	2.09	36.71	(2.26)	35.88	3.09	36.99
Industrial	3.45	(1.16)	3.41	(7.33)	3.16	0.00	3.16
Other	1.40	5.71	1.48	(11.49)	1.31	(2.29)	1.28
Resale	2.71	(14.76)	2.31	(0.87)	2.29	22.27	2.80
TOTAL SALES (Millions)	$5,885.05	2.82	$6,050.95	0.78	$6,097.98	(1.30)	$6,019.01
FLORIDA POWER CORPORATION							
Residential	55.81 %	(1.68)	54.87 %	1.46	55.67 %	(3.39)	53.78 %
Commercial	23.08	4.46	24.11	0.71	24.28	(0.17)	24.24
Industrial	8.88	(0.68)	8.82	(11.80)	7.78	(4.75)	7.41
Other	5.41	4.62	5.66	(0.01)	5.66	(1.93)	5.55
Resale	6.81	(3.96)	6.54	1.07	6.61	36.31	9.01
TOTAL SALES (Millions)	$2,327.55	1.29	$2,357.65	(0.96)	$2,335.07	8.81	$2,540.72
TAMPA ELECTRIC COMPANY							
Residential	47.05 %	(2.32)	45.96 %	2.01	46.88 %	0.20	46.98 %
Commercial	28.01	0.71	28.21	(1.07)	27.91	4.34	29.12
Industrial	8.97	8.58	9.74	(3.62)	9.39	(0.94)	9.30
Other	7.84	1.53	7.96	(9.16)	7.23	1.24	7.32
Resale	8.13	0.12	8.14	5.53	8.59	(15.13)	7.29
TOTAL SALES (Millions)	$1,147.27	0.97	$1,158.35	(5.21)	$1,098.02	8.06	$1,186.55
GULF POWER COMPANY*							
Residential	46.67 %	(1.20)	46.11 %	(0.93)	45.68 %	2.34	46.75 %
Commercial	26.84	1.75	27.31	(2.53)	26.62	5.03	27.96
Industrial	12.91	(0.31)	12.87	(10.26)	11.55	(1.65)	11.36
Other	0.34	2.94	0.35	0.00	0.35	5.71	0.37
Resale	13.24	0.91	13.36	18.26	15.80	(14.18)	13.56
TOTAL SALES (Millions)	$611.69	(1.57)	$602.08	(15.44)	$509.12	16.51	$593.20

*Gulf Power has requested confidential treatment of Sales for Resale Revenues for 1999. 1998 resale revenues were used as a substitute to complete these calculations.

SOURCE: EIA-826
FERC Form 1

TABLE 4
USES OF REVENUE
INVESTOR-OWNED ELECTRIC UTILITIES
(PERCENTAGE OF TOTAL OPERATING REVENUE)
1996-1999

	1996	PERCENT CHANGE 1996-1997	1997	PERCENT CHANGE 1997-1998	1998	PERCENT CHANGE 1998-1999	1999
FLORIDA POWER & LIGHT							
Fuel	22.25 %	3.19	22.22 %	(3.64)	21.41 %	7.23	22.96 %
Other Operation and Maintenance	32.18	2.55	32.06	(3.20)	31.03	6.37	33.01
Depreciation and Amortization	15.15	7.72	13.74	42.85	19.63	(16.85)	16.32
Taxes Other Than Income Taxes	9.80	2.24	9.67	(3.17)	9.36	7.01	10.02
Income Taxes	13.10	(58.93)	6.06	(7.94)	5.58	(3.57)	5.38
Interest	4.10	(34.15)	3.70	(16.53)	3.09	(12.58)	2.70
Utility Net Operating Income Less Interest	10.25	(6.24)	10.14	(2.41)	9.90	(2.89)	9.61
TOTAL OPERATING REVENUE (Millions)	$5,986.43	1.19	$6,132.05	3.81	$6,365.83	(4.84)	$6,057.49
FLORIDA POWER CORPORATION							
Fuel	20.37 %	13.01	22.14 %	(4.22)	21.21 %	8.56	23.02 %
Other Operation and Maintenance	42.02	(13.28)	44.96	(16.54)	37.53	(2.89)	36.44
Depreciation and Amortization	13.54	(4.65)	16.31	(12.35)	14.30	(9.69)	12.91
Taxes Other Than Income Taxes	7.67	0.52	7.91	(2.83)	7.69	0.31	7.71
Income Taxes	6.34	(10.73)	3.49	51.73	5.30	6.88	5.66
Interest	3.88	18.30	4.51	5.62	4.76	(3.64)	4.59
Utility Net Operating Income Less Interest	9.91	(2.42)	5.50	67.80	9.23	4.78	9.67
TOTAL OPERATING REVENUE (Millions)	$2,393.59	9.98	$2,448.44	8.16	$2,648.23	(0.59)	$2,632.58
TAMPA ELECTRIC COMPANY							
Fuel	34.35 %	(8.97)	31.27 %	(6.43)	29.26 %	(3.69)	28.18 %
Other Operation and Maintenance	25.07	5.19	26.37	9.23	28.80	10.02	31.69
Depreciation and Amortization	10.69	10.10	11.77	6.12	12.49	(23.22)	9.59
Taxes Other Than Income Taxes	7.74	(1.42)	7.63	2.18	7.80	4.41	8.14
Income Taxes	11.73	(37.77)	7.30	(16.25)	6.11	(7.09)	5.68
Interest	4.21	11.16	4.68	(8.79)	4.27	29.08	5.51
Utility Net Operating Income Less Interest	11.15	(1.52)	10.98	2.61	11.27	(0.42)	11.22
TOTAL OPERATING REVENUE (Millions)	$1,123.71	6.94	$1,201.70	3.80	$1,247.33	(2.67)	$1,214.00
GULF POWER COMPANY							
Fuel	29.08 %	(0.62)	28.90 %	5.03	30.35 %	*	NR *
Other Operation and Maintenance	33.04	2.12	33.74	0.28	33.84	*	65.06 %
Depreciation and Amortization	9.31	3.22	9.61	3.91	9.99	(0.96)	9.89
Taxes Other Than Income Taxes	8.20	0.85	8.27	(4.34)	7.91	(2.92)	7.68
Income Taxes	6.28	(5.89)	5.91	(26.49)	4.34	1.50	4.41
Interest	4.84	(1.45)	4.77	2.43	4.89	0.90	4.93
Utility Net Operating Income Less Interest	9.95	(11.56)	8.80	(1.34)	8.68	(7.63)	8.02
TOTAL OPERATING REVENUE (Millions)	$634.36	(1.34)	$625.86	3.94	$650.52	3.62	$674.10

*Gulf Power did not report fuel expenses separately, so Other Operation and Maintenance Expenses includes fuel expense.

SOURCE: FERC Form 1

TABLE 5
PROPRIETARY CAPITAL AND LONG-TERM DEBT
INVESTOR-OWNED ELECTRIC UTILITIES
1999

	FLORIDA POWER & LIGHT COMPANY	FLORIDA POWER CORPORATION	TAMPA ELECTRIC COMPANY	GULF POWER COMPANY
PROPRIETARY CAPITAL (THOUSANDS)				
Common Capital Stock	$1,373,069	$354,405	$119,697	$38,060
Preferred Stock	226,250	33,497	0	4,236
Retained Earnings	853,758	880,593	171,443	162,513
Other Paid-In Capital	2,572,000	649,977	860,579	221,254
Other Adjustments	(6,064)	31	(712)	487
TOTAL PROPRIETARY CAPITAL	$5,019,013	$1,918,503	$1,151,007	$426,550
LONG-TERM DEBT (THOUSANDS)				
Bonds	$2,219,544	$750,865	$702,955	$85,000
Other Long-Term Debt and/or Adjustments	(15,700)	804,728	(2,524)	370,078
TOTAL LONG-TERM DEBT	$2,203,844	$1,555,593	$700,431	$455,078
TOTAL PROPRIETARY CAPITAL AND LONG-TERM DEBT	$7,222,857	$3,474,096	$1,851,438	$881,628
PROPRIETARY CAPITAL				
Common Capital Stock	19.0 %	10.2 %	6.5 %	4.3 %
Preferred Stock	3.1	1.0	0.0	0.5
Retained Earnings	11.8	25.3	9.3	18.4
Other Paid-In Capital	35.6	18.7	46.5	25.1
Other Adjustments	(0.1)	0.0	(0.0)	0.1
TOTAL PROPRIETARY CAPITAL	69.5 %	55.2 %	62.2 %	48.4 %
LONG-TERM DEBT				
Mortgage Bonds	30.7 %	21.6 %	38.0 %	9.6 %
Other Adjustments	(0.2)	23.2	(0.1)	42.0
TOTAL LONG-TERM DEBT	30.5 %	44.8 %	37.8 %	51.6 %
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
1996-1999

	1996	PERCENT CHANGE 1996-1997	1997	PERCENT CHANGE 1997-1998	1998	PERCENT CHANGE 1998-1999	1999
TIMES INTEREST EARNED WITH AFUDC							
Florida Power & Light Company	4.80 X	7.92	5.18 X	15.64	5.99 X	9.85	6.58 X
Florida Power Corporation	4.80	(42.71)	2.75	40.73	3.87	12.92	4.37
Tampa Electric Company	4.97	(3.42)	4.80	2.08	4.90	(20.82)	3.88
Gulf Power Company	4.29	(2.56)	4.18	(8.37)	3.83	(5.48)	3.62
TIMES INTEREST EARNED WITHOUT AFUDC							
Florida Power & Light Company	4.80 X	7.92	5.18 X	15.83	6.00 X	9.67	6.58 X
Florida Power Corporation	4.72	(43.43)	2.67	40.07	3.74	15.51	4.32
Tampa Electric Company	4.54	5.73	4.80	2.08	4.90	(21.43)	3.85
Gulf Power Company	4.29	(2.56)	4.18	(8.37)	3.83	(5.48)	3.62
AFUDC AS A PERCENTAGE OF NET INCOME							
Florida Power & Light Company	0.27 %	(122.22)	-0.06 %	133.33	-0.14 %	(100.00)	0.00 %
Florida Power Corporation	2.81	121.35	6.22	(5.47)	5.88	(59.86)	2.36
Tampa Electric Company	14.64	(99.25)	0.11	(100.00)	0.00	-	1.36
Gulf Power Company	0.09	88.89	0.01	100.00	0.00	-	0.00
PERCENT INTERNALLY GENERATED FUNDS							
Florida Power & Light Company	74.77 %	(8.20)	68.64 %	59.00	109.14 %	(50.23)	54.32 %
Florida Power Corporation	137.52	(70.06)	41.18	304.57	166.60	(44.51)	92.45
Tampa Electric Company	107.63	31.84	141.90	(27.67)	102.63	(47.47)	53.91
Gulf Power Company	160.68	2.23	164.27	(54.18)	75.27	(59.88)	30.20

SOURCE: Annual Rate of Return Surveillance Report

NET GENERATION

TABLE 7
NET GENERATION BY TYPE OF OWNERSHIP*
1985-1999

YEAR	TOTAL FOR STATE (GWH)	INVESTOR-OWNED QUANTITY (GWH)	INVESTOR-OWNED PERCENT OF TOTAL	OTHERS** QUANTITY (GWH)	OTHERS** PERCENT OF TOTAL
1985	96,434	80,132	83.1	16,302	16.9
1986	108,465	89,952	82.9	17,862	16.5
1987	108,597	89,075	82.0	19,522	18.0
1988	124,062	98,952	79.8	25,103	20.2
1989	127,142	98,103	77.2	29,039	22.8
1990	125,468	96,491	76.9	28,976	23.1
1991	134,443	101,821	75.7	32,622	24.3
1992	140,060	104,776	74.8	35,284	25.2
1993	149,388	112,251	75.1	37,137	24.9
1994	152,779	117,134	76.7	35,645	23.3
1995	159,156	121,496	76.3	37,660	23.7
1996	157,946	120,267	76.1	37,679	23.9
1997	161,961	122,264	75.5	39,697	24.5
1998	181,147	139,909	77.2	41,238	22.8
1999	178,773	NR	-	NR	-

*Does not include Net Interchange and Non-Utility Generators generation
**Includes municipals, rural electric cooperatives, and federally-owned utilities.

SOURCES: 1985-1999 EIA-759
1985-1999 FPSC Form AFAD (RRR)-2
1985-1999 A-Schedules

TABLE 8
NET ENERGY FOR LOAD BY FUEL TYPE AND OTHER SOURCES*
1985-1999

	COAL		OIL		NATURAL GAS		NUCLEAR		HYDRO				
YEAR	GWH	PERCENT	GWH	PERCENT	GWH	PERCENT	GWH	PERCENT	GWH	PERCENT	SUBTOTAL	OTHER	TOTAL
1985	43,525	45.1	13,870	14.4	15,334	15.9	23,461	24.3	244	0.3	96,434		
1986	42,857	39.5	28,951	26.7	14,409	13.3	22,036	20.3	212	0.2	108,465		
1987	53,390	49.2	19,886	18.3	16,238	15.0	19,049	17.5	32	0.0	108,595		
1988	56,614	45.6	26,448	21.3	14,592	11.8	26,198	21.1	210	0.2	124,062		
1989	63,744	50.1	26,150	20.6	17,417	13.7	19,814	15.6	17	0.2	127,142		
1990	62,110	49.5	26,617	21.2	15,920	12.7	20,572	16.4	249	0.2	125,468		
1991	66,037	49.1	31,844	23.7	17,472	13.0	19,062	14.2	28	0.0	134,443		
1992	58,836	42.0	38,733	27.7	17,744	12.7	24,693	17.6	54	0.0	140,060		
1993	61,000	40.8	44,870	30.0	18,064	12.1	25,403	17.0	51	0.0	149,388		
1994	62,511	40.9	43,553	28.5	20,420	13.4	26,216	17.2	80	0.1	152,779		
1995	65,714	41.3	32,185	20.2	33,483	21.0	27,726	17.4	47	0.0	159,156		
1996	70,008	44.3	33,060	20.9	30,496	19.3	24,333	15.4	49	0.0	157,946		
1997	74,219	45.8	32,561	20.1	33,123	20.5	22,000	13.6	58	0.0	161,961		
1998	73,184	40.4	46,430	25.6	31,319	17.3	30,168	16.7	46	0.0	181,147		
1999	78,413	43.9	33,550	18.8	34,964	19.6	31,772	17.8	74	0.0	178,773	21,601 **	200,374

*Other sources are Interchange and Net-Utility Generator sales. Percentages are for fuel sources only.

**Other includes 8,781 GWH purchased from the Interchange and 12,820 GWH purchased from Non-Utility Generators.

SOURCES: 1985-1999 EIA Form 759
1985-1999 FPSC Form AFAD (RRR)-2
1985-1999 A-Schedules
2000 FRCC Regional Load and Resource Plan

TABLE 9
INTERCHANGE AND GENERATION BY FUEL TYPE
(GIGAWATT-HOURS)
1998-2009

YEAR	NET ENERGY FOR LOAD	INTER-CHANGE	NUCLEAR	COAL	OIL	NATURAL GAS	HYDRO	OTHER**
1998 *	199,550	5,667	31,723	80,564	37,398	31,576	96	12,526
1999 *	200,374	8,781	31,772	78,413	33,550	34,964	74	12,820
2000	208,311	12,995	30,499	82,132	36,552	33,329	137	12,667
2001	212,815	13,921	29,836	82,527	37,633	35,885	121	12,892
2002	217,680	12,984	31,050	84,215	27,121	49,596	131	12,583
2003	222,945	12,049	29,970	82,638	18,273	68,055	143	11,817
2004	227,828	12,073	30,532	80,353	17,808	74,958	146	11,958
2005	232,525	12,694	30,408	81,960	19,081	75,949	25	12,408
2006	237,269	13,640	30,561	82,275	17,475	81,860	25	11,433
2007	241,828	15,017	29,826	80,600	18,070	87,186	25	11,104
2008	246,278	14,849	31,125	81,676	16,074	91,670	25	10,859
2009	250,731	14,569	29,958	84,527	16,937	94,948	25	9,767

*Figures are actual.
**Other includes cogeneration and small power producers.

SOURCE: 2000 Regional Load and Resource Plan - State Supplement

TABLE 10
INTERCHANGE AND GENERATION BY FUEL TYPE
(% OF GIGAWATT-HOURS)
1998-2009

YEAR	NET ENERGY FOR LOAD	INTER-CHANGE	NUCLEAR	COAL	OIL	NATURAL GAS	HYDRO	OTHER**
1998 *	100.0%	2.8%	15.9%	40.4%	18.7%	15.8%	0.0%	6.3%
1999 *	100.0%	4.4%	15.9%	39.1%	16.7%	17.4%	0.0%	6.4%
2000	100.0%	6.2%	14.6%	39.4%	17.5%	16.0%	0.1%	6.1%
2001	100.0%	6.5%	14.0%	38.8%	17.7%	16.9%	0.1%	6.1%
2002	100.0%	6.0%	14.3%	38.7%	12.5%	22.8%	0.1%	5.8%
2003	100.0%	5.4%	13.4%	37.1%	8.2%	30.5%	0.1%	5.3%
2004	100.0%	5.3%	13.4%	35.3%	7.8%	32.9%	0.1%	5.2%
2005	100.0%	5.5%	13.1%	35.2%	8.2%	32.7%	0.0%	5.3%
2006	100.0%	5.7%	12.9%	34.7%	7.4%	34.5%	0.0%	4.8%
2007	100.0%	6.2%	12.3%	33.3%	7.5%	36.1%	0.0%	4.6%
2008	100.0%	6.0%	12.6%	33.2%	6.5%	37.2%	0.0%	4.4%
2009	100.0%	5.8%	11.9%	33.7%	6.8%	37.9%	0.0%	3.9%

*Figures are actual.

**Other includes cogeneration and small power producers.

SOURCE: 2000 Regional Load and Resource Plan - State Supplement

GENERATING CAPACITY AND CAPABILITY

TABLE 11
INSTALLED NAMEPLATE CAPACITY BY PRIME MOVER
(MEGAWATTS)
1985-1999

YEAR	HYDRO-ELECTRIC	CONVEN-TIONAL STEAM	NUCLEAR STEAM	COMBUSTION TURBINE	INTERNAL COMBUSTION	COMBINED CYCLE	TOTAL*
1985	39	24,511	4,110	4,780	306	671	34,417
1986	42	24,503	4,110	4,780	306	671	34,412
1987	42	25,870	4,110	4,780	315	671	35,788
1988	42	26,550	4,110	4,802	321	719	36,544
1989	43	26,431	4,110	4,908	333	698	36,523
1990	43	27,947	3,922	4,763	261	596	37,532
1991	21	26,968	4,124	4,832	306	728	36,979
1992	21	26,784	4,124	4,917	300	842	36,988
1993	21	27,316	4,124	5,587	339	652	38,039
1994	21	27,263	4,124	6,018	216	1,442	39,084
1995	20	27,107	4,124	5,999	262	1,442	38,954
1996	21	25,950	4,110	6,076	267	3,910	40,334
1997	21	28,848	4,110	6,221	229	3,181	42,610
1998	21	28,885	4,110	6,234	259	2,854	42,363
1999	19	27,456	4,110	6,580	262	4,610	43,037

SOURCES: 1985-1998 EIA Form 759
1985-1998 FPSC Form AFAD (RRR)-2
2000 FRCC Regional Load and Resource Plan

TABLE 12
INSTALLED NAMEPLATE CAPACITY BY TYPE OF OWNERSHIP
(MEGAWATTS)
1985-1999

YEAR	TOTAL FOR STATE	INVESTOR-OWNED		MUNICIPALS, RURAL ELECTRIC COOPERATIVES, AND OTHER	
		QUANTITY	PERCENT OF TOTAL	QUANTITY	PERCENT OF TOTAL
1985	34,416	27,502	79.91	6,914	20.09
1986	34,412	27,502	79.92	6,910	20.08
1987	35,788	27,860	77.85	7,928	22.15
1988	36,544	28,200	77.17	8,344	22.83
1989	36,523	28,162	77.11	8,361	22.89
1990	37,532	27,658	73.69	9,874	26.31
1991	36,980	28,066	75.90	8,914	24.10
1992	36,988	27,501	74.35	9,487	25.65
1993	38,039	28,420	74.71	9,618	25.29
1994	39,084	29,529	75.55	9,555	24.45
1995	38,954	29,231	75.04	9,723	24.96
1996	40,334	30,337	75.22	9,996	24.78
1997	42,610	33,034	77.53	9,576	22.47
1998	42,363	32,094	75.76	10,270	24.24
1999	43,037	32,969	76.61	10,068	23.39

SOURCES: 1985-1999 EIA Form 759
1985-1999 FPSC Form AFAD (RRR)-2
2000 FRCC Regional Load and Resource Plan

TABLE 13
ADDITIONS TO NAMEPLATE CAPACITY
1999

UTILITY	PLANT	UNIT TYPE	FUEL	NAMEPLATE CAPACITY (KW)	NET CAPABILITY	
					WINTER	SUMMER
FMPA/Key West Utility Board	Stock Island (CT2)	CT	LO	19,770	18	18
	Stock Island (CT3)	CT	LO	19,770	18	18
Florida Power Corporation	Hines Energy Complex (1GT1A)	CCT	NG	173,400	NR	NR
	Hines Energy Complex (1GT1B)	CCT	NG	173,400	NR	NR
	Hines Energy Complex (1ST)	CCW	WH	199,750	482	529
New Smyrna Beach	Water Reclamation Facility (1)	D	LO	1,000	1	1

SOURCE: 2000 FRCC Regional Load and Resource Plan

TABLE 14
FUTURE STEAM UNITS
CURRENT ANTICIPATED IN-SERVICE DATES

PLANT NAME	UNIT NO.	UTILITY	SUMMER NET CAPABILITY (MW)	ANTICIPATED IN-SERVICE DATE	FUEL
Cape Canaveral	1	FPL	2	Jan-00	HO
Cape Canaveral	2	FPL	7	Jan-00	HO
Ft. Myers	ST1	FPL	6	Jan-00	HO
Ft. Myers	ST2	FPL	(5)	Jan-00	HO
Manatee	1	FPL	4	Jan-00	HO
Manatee	2	FPL	9	Jan-00	HO
Martin	1	FPL	(7)	Jan-00	HO
Martin	2	FPL	6	Jan-00	HO
Riviera	3	FPL	7	Jan-00	HO
Sanford	3	FPL	1	Jan-00	HO
Sanford	4	FPL	(1)	Jan-00	HO
Sanford	5	FPL	(1)	Jan-00	HO
Scherer	4	FPL	9	Jan-00	HO
St. Johns River Power	1	FPL	3	Jan-00	HO
St. Johns River Power	2	FPL	3	Jan-00	C
Crystal River	4	FPC	17	Apr-00	C
J.D. Kennedy	10	JEA	(97)	Apr-00	HO
Cape Canaveral	1	FPL	10	May-00	HO
Manatee	1	FPL	21	May-00	HO
Larsen Memorial	6	LAK	(25)	Jul-00	NG
John R. Kelly	FS08	FPC	(50)	Sep-00	NG
Crystal River	2	FPC	24	Dec-00	C
Larsen Memorial	7	LAK	(50)	Mar-01	NG
Northside Generating Plant	1	JEA	(262)	Oct-01	HO
Northside Generating Plant	4	JEA	(67)	Oct-01	HO
Southside Generating Plant	5	JEA	(147)	Oct-01	HO
Crystal River	1	FPC	17	Dec-01	C
Northside Generating Plant	1	JEA	265	Apr-02	C
Northside Generating Plant	2	JEA	265	Apr-02	C
C.D. McIntosh, Jr.	ST1	LAK	(87)	Oct-02	HO
Hookers Point	1	TEC	(30)	Jan-03	HO
Hookers Point	2	TEC	(30)	Jan-03	HO
Hookers Point	3	TEC	(30)	Jan-03	HO
Hookers Point	4	TEC	(39)	Jan-03	HO
Hookers Point	5	TEC	(67)	Jan-03	HO
F.J. Gannon	1	TEC	(114)	May-03	C
F.J. Gannon	2	TEC	(98)	May-03	C
F.J. Gannon	5	TEC	(232)	May-03	C
Suwannee River	1	FPC	(32)	Dec-03	NG
Suwannee River	2	FPC	(31)	Dec-03	NG
Suwannee River	3	FPC	(80)	Dec-03	NG
F.J. Gannon	3	TEC	(145)	May-04	NG
F.J. Gannon	4	TEC	(159)	May-04	NG
F.J. Gannon	6	TEC	(372)	May-04	NG
C.D. McIntosh, Jr.	2	LAK	(103)	Oct-05	NG

Note: There are no fossil steam plants currently scheduled for 2006 and beyond.

SOURCE: Regional Load and Resource Plan 2000

TABLE 15
NUCLEAR GENERATING UNITS
1999

UTILITY	LOCATION	COMMERCIAL IN-SERVICE MONTH/YEAR	MAXIMUM NAMEPLATE KW	NET CAPABILITY SUMMER MW	NET CAPABILITY WINTER MW
FLORIDA POWER & LIGHT					
Turkey Point #3	Dade County	Nov 1972	760,000	693	717
Turkey Point #4	Dade County	Jun 1973	760,000	693	717
St. Lucie #1	St. Lucie County	May 1976	839,000	839	853
St. Lucie #2*	St. Lucie County	Jun 1983	714,000	714	726
FLORIDA POWER CORPORATION					
Crystal River #3**	Citrus County	Mar 1977	890,460	765	782

*Nameplate and Capabilities represent the company's share (85.10449%) of plant co-owned by Orlando Utilities Commission and Florida Municipal Power Agency

**Nameplate and Capabilities represent the company's share (91.8%) of plant co-owned by various municipalities and REAs

SOURCE: Regional Load and Resource Plan 2000
Company Ten-Year Site Plans

TABLE 16
MONTHLY PEAK DEMAND
(MEGAWATTS)
1999

UTILITIES	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	PEAK FOR YEAR
INVESTOR-OWNED SYSTEMS													
Florida Power & Light Company	16,802	12,897	11,907	15,469	15,902	16,001	17,469	17,580	17,615	16,274	14,218	12,666	17,615
Florida Power Corporation	8,318	6,964	5,861	6,197	6,726	7,079	7,562	7,715	7,216	6,302	5,264	6,791	8,318
Florida Public Utilities Company	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
Gulf Power Company	2,093	1,619	1,388	1,611	1,767	1,947	2,168	2,169	1,952	1,628	1,355	1,502	2,169
Tampa Electric Company	3,366	2,757	2,410	2,957	2,893	3,026	3,320	3,372	3,057	2,832	2,318	2,604	3,372
GENERATING MUNICIPAL SYSTEMS													
Fort Pierce	121	95	82	100	105	101	113	114	105	104	88	83	121
Gainesville	351	278	250	322	337	358	413	419	368	315	252	298	419
Homestead	51	49	49	59	57	58	63	62	60	59	54	50	63
Jacksonville	2,403	2,004	1,823	1,939	2,055	2,147	2,376	2,427	2,172	1,922	1,677	2,052	2,427
Key West	95	92	93	109	118	118	126	126	120	111	97	98	126
Kissimmee	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
Lake Worth	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
Lakeland	649	519	456	485	494	543	571	576	511	500	410	510	649
New Smyrna Beach	86	68	57	61	64	71	80	84	78	61	51	60	86
Orlando	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
Reedy Creek	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
Starke	15	12	11	13	14	15	16	16	15	13	10	13	16
Tallahassee	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
Vero Beach	151	131	103	125	124	129	141	147	131	129	110	114	151
NONGENERATING MUNICIPAL SYSTEMS													
Alachua	16	14	12	12	13	14	16	16	14	12	12	15	16
Bartow	68	55	50	53	53	55	58	61	54	51	46	52	68
Blountstown	7	6	5	6	7	8	8	9	6	6	5	6	9
Bushnell	6	5	3	4	4	4	5	5	4	4	4	5	6
Chattahoochee	8	7	7	7	8	9	9	10	9	8	6	6	10
Clewiston	22	17	18	25	24	21	26	30	25	24	20	20	30
Fort Meade	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
Green Cove Springs	27	23	22	22	22	24	26	28	24	22	20	24	28
Havana	5	4	4	4	4	5	5	6	6	4	4	4	6

SOURCE: FPSC Form AFAD (RRR)-1, 3

TABLE 16 (continued)
MONTHLY PEAK DEMAND
(MEGAWATTS)
1999

UTILITIES	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	PEAK FOR YEAR
NONGENERATING MUNICIPAL SYSTEMS													
Jacksonville Beach	176	134	120	124	130	137	168	162	149	129	99	168	176
Leesburg	95	77	67	87	87	89	98	102	91	81	63	72	102
Moore Haven	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
Mount Dora	19	16	12	16	17	18	20	22	17	18	11	15	22
Newberry	6	6	5	6	6	6	6	6	6	5	6	5	6
Ocala	248	206	182	224	222	232	267	273	247	217	169	215	273
Quincy	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
Wauchula	14	11	9	10	9	12	13	12	10	11	8	10	14
Williston	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
RURAL ELECTRIC COOPERATIVES													
Central Florida	105	86	76	74	8	79	96	94	89	74	70	97	105
Choctawhatchee	141	107	96	96	100	114	128	128	120	95	93	113	141
Clay	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
Escambia River	43	33	29	28	28	33	37	38	36	32	32	35	43
Florida Keys	106	87	91	108	120	115	129	128	126	105	93	96	129
Glades	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
Gulf Coast	70	55	50	49	50	55	62	62	58	48	54	61	70
Lee County	678	507	420	445	431	473	473	503	487	474	299	449	678
Peace River	102	78	69	72	65	69	71	73	75	70	55	76	102
Seminole	3,196	2,477	2,171	2,380	2,185	2,285	2,577	2,627	2,451	2,158	1,922	2,580	3,196
Sumter	446	349	313	315	307	277	382	371	344	298	284	370	446
Suwanee Valley	73	56	60	53	59	65	68	79	70	56	56	66	79
Talquin	235	186	167	138	161	177	209	199	182	131	180	211	235
Tri-County	49	41	36	36	37	40	50	50	44	35	38	45	50
West Florida	100	79	73	68	69	77	92	91	83	64	73	85	100
Withlacoochee River	797	624	539	509	487	528	583	597	580	524	454	660	797
Okefenoke	20	16	15	14	14	16	18	18	17	13	14	18	20

NR = Not reported
NA = Not applicable

SOURCE: FPSC Form AFAD (RRR)-1, 3

TABLE 17
ANNUAL PEAK DEMAND
SELECTED UTILITIES
(MEGAWATTS)
1985-1999

UTILITY COMPANY	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
Florida Power & Light	12,533	12,139	12,394	12,382	13,988	13,754	14,123	14,661	15,266	15,179	16,563	18,096	16,613	17,897	17,615
Florida Power Corporation	5,813	5,977	5,331	6,188	6,817	5,946	6,056	6,982	6,959	6,955	7,722	8,807	8,066	8,004	8,318
Gulf Power Company	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	2,048	2,144	2,040	2,154	2,169
Tampa Electric Company	2,738	2,598	2,402	2,620	2,712	2,630	2,678	2,815	2,892	2,754	3,170	3,351	3,118	3,266	3,372
Fort Pierce	106	102	97	98	121	99	101	102	104	102	128	126	118	116	121
Gainesville	256	248	270	282	296	305	297	320	339	331	361	365	373	396	419
Jacksonville	1,586	1,640	1,628	1,655	2,012	1,789	1,756	1,881	1,998	1,973	2,190	2,401	2,130	2,338	2,427
Lake Worth	78	75	70	69	80	68	66	66	70	69	87	82	74	82	NR
Lakeland	450	438	375	428	508	408	440	444	457	485	538	610	552	535	649
Orlando	688	690	634	654	774	708	714	763	760	749	800	885	846	907	NR
Tallahassee	380	345	367	374	410	415	412	428	476	338	497	533	486	530	NR
Vero Beach	129	132	107	118	138	109	125	122	125	113	156	174	155	146	151

SOURCES 1985 FPSC Form 12E
1986-1999 FPSC Form AFAD (RRR)-1, 3

TABLE 18
SUMMER AND WINTER PEAK DEMAND - PROJECTED
2000-2009

YEAR	SUMMER PEAK (MW)*	YEAR	WINTER PEAK (MW)*
2000	37,391	2000-2001	39,352
2001	38,168	2001-2002	40,349
2002	39,065	2002-2003	41,286
2003	39,967	2003-2004	42,224
2004	40,855	2004-2005	43,213
2005	41,797	2005-2006	44,280
2006	43,125	2006-2007	45,255
2007	44,073	2007-2008	46,181
2008	44,958	2008-2009	47,154
2009	45,904	2009-2010	48,115

SOURCE: Regional Load and Resource Plan 2000 - State Supplement

TABLE 19
LOAD FACTORS BY GENERATING UTILITIES
1999

GENERATING UTILITIES	NET ENERGY FOR LOAD (GIGAWATT-HOURS)	PEAK LOAD (MEGAWATTS)	LOAD FACTOR (PERCENTAGE)
Florida Power & Light	91,460	17,615	59.3
Florida Power Corporation	39,160	8,318	53.7
Gulf Power Company	10,453	2,169	55.0
Tampa Electric Company	16,733	3,372	56.6
Florida Keys Electric	654	129	57.7
Fort Pierce	578	121	54.5
Gainesville	1,797	419	49.0
Homestead	NR	63	NR
Jacksonville	11,741	2,427	55.2
Key West	687	126	62.2
Kissimmee	NR	NR	NR
Lakeland	2,575	649	45.3
Lake Worth	NR	NR	NR
New Smyrna Beach	354	86	47.0
Orlando	NR	NR	NR
Reedy Creek	NR	NR	NR
Seminole Electric	12,168	3,196	43.5
Starke	74	16	52.8
Tallahassee	NR	NR	NR
Vero Beach	681	151	51.5

SOURCE: FPSC Form AFAD (RRR)-1, 3

FUEL ANALYSIS

TABLE 20
FUEL REQUIREMENTS
1985-1999

YEAR	COAL (THOUSANDS OF SHORT TONS)	OIL* (THOUSANDS OF BARRELS)	NATURAL GAS (BILLION CUBIC FEET)	NUCLEAR (U-235) (TRILLION BTU)
1985	18,283.0	23,678.0	165.7	NR
1986	17,670.8	44,998.5	132.5	NR
1987	22,040.6	30,622.0	156.2	2,970.0 **
1988	23,375.6	40,349.7	127.9	4,400.0 **
1989	27,180.5	54,006.4	158.1	3,283.2 **
1990	26,250.0	40,579.1	188.0	225.8
1991	27,955.4	48,408.6	202.5	205.4
1992	31,259.5	45,048.6	137.1	268.0
1993	28,953.9	55,773.2	173.8	300.6
1994	30,238.8	53,428.2	181.3	285.6
1995	30,912.1	34,944.9	321.9	300.6
1996	32,082.9	38,138.8	285.4	265.8
1997	34,991.5	30,226.9	299.8	241.9
1998	34,936.3	61,669.2	283.6	326.0
1999	33,654.0	56,294.0	329.6	334.0

*Residual and distillate

**Prior to 1990, nuclear fuel consumption was reported in kilograms

SOURCES: 1985-1999 EIA Form 759
1985-1999 FPSC Form AFAD (RRR)-2
1985-1999 FCG Form 7.3
1985-1999 A-Schedules
2000 FRCC Regional Load and Resource Plan

TABLE 21
FUEL REQUIREMENTS - PROJECTED
2000-2009

YEARS	OIL (THOUSANDS OF BARRELS)**	COAL (THOUSANDS OF SHORT TONS)	NATURAL GAS (BILLIONS OF CUBIC FEET)
1998 *	62,609	35,361	283
1999 *	56,294	33,654	330
2000	59,673	35,107	310
2001	61,882	34,935	330
2002	45,174	34,265	437
2003	30,848	32,663	576
2004	29,421	31,052	627
2005	31,891	31,705	637
2006	28,665	31,868	680
2007	29,869	31,229	711
2008	26,313	31,590	739
2009	27,963	32,751	762

*Actual figures
**Light oil has been combined with heavy oil. FRCC combines them for its Regional Load and Resource Plan.

SOURCE: 2000 Regional Load and Resource Plan - State Supplement

CONSUMPTION

TABLE 22
MONTHLY CONSUMPTION BY CLASS OF SERVICE
(MEGAWATT-HOURS)
1999

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
Residential													
Florida Power & Light	3,473,593	2,910,497	2,798,420	3,142,796	3,461,716	3,965,687	4,264,997	4,937,388	4,709,735	4,142,569	3,284,587	3,095,241	44,187,226
Florida Power Corporation	1,302,110	1,029,004	1,087,726	1,110,312	1,222,923	1,447,475	1,615,755	1,924,248	1,791,091	1,465,248	1,142,860	1,106,020	16,244,772
Gulf Power Company	374,077	277,118	269,690	304,862	348,500	443,256	513,583	545,259	449,396	316,571	268,443	360,363	4,471,118
Tampa Electric	570,571	448,603	454,955	494,962	540,801	655,000	697,771	769,932	757,070	628,858	471,179	477,472	6,967,174
Jacksonville Electric	406,815	310,636	308,053	319,819	402,567	446,764	527,776	513,119	383,758	383,758	285,009	310,770	4,529,069
Commercial													
Florida Power & Light	2,799,436	2,588,064	2,542,915	2,734,814	2,952,424	3,092,275	3,172,884	3,371,995	3,363,641	3,134,241	2,873,251	2,894,604	35,520,544
Florida Power Corporation	760,977	714,768	702,486	808,775	842,200	894,314	966,289	1,056,460	1,023,261	917,912	849,949	789,456	10,326,847
Gulf Power Company	214,572	229,330	207,267	257,913	287,570	299,094	330,833	336,453	306,968	256,091	239,383	257,058	3,222,532
Tampa Electric	421,560	387,177	380,796	423,619	431,370	477,506	488,913	506,738	511,861	472,875	424,381	409,600	5,336,396
Jacksonville Electric	259,636	241,328	230,225	253,660	265,271	300,193	310,719	331,535	334,812	298,950	251,618	255,532	3,333,479
Industrial													
Florida Power & Light	335,752	299,788	339,417	290,775	335,881	324,129	298,985	319,289	393,265	357,871	315,434	337,057	3,947,643
Florida Power Corporation	343,241	343,776	340,565	378,037	353,916	350,550	376,119	391,617	373,433	363,534	376,090	342,831	4,333,709
Gulf Power Company	148,869	94,499	167,238	147,243	158,579	166,727	174,803	175,045	158,798	180,426	135,666	138,344	1,846,237
Tampa Electric	183,536	171,291	183,473	176,848	195,252	202,436	191,599	188,012	185,059	178,072	191,713	175,976	2,223,267
Jacksonville Electric	205,376	230,302	215,752	229,960	237,629	254,292	248,074	263,963	263,891	235,061	223,238	225,873	2,833,411
Other													
Florida Power & Light	90,598	78,381	99,980	76,500	96,286	(11,843)	184,929	70,571	80,769	25,756	81,782	72,444	946,153
Florida Power Corporation	190,259	182,216	187,298	194,571	211,842	212,265	215,952	239,763	249,094	233,258	218,080	201,103	2,535,701
Gulf Power Company	1,587	1,574	1,645	1,496	1,618	1,618	1,622	1,622	1,701	1,595	1,638	1,580	19,296
Tampa Electric	100,720	96,526	95,150	99,761	104,189	109,874	110,796	115,089	124,939	115,909	104,287	100,884	1,278,124
Jacksonville Electric	39,576	38,341	44,242	41,387	39,046	53,256	53,672	59,723	45,617	41,352	41,767	41,850	539,829
Total													
Florida Power & Light	6,699,379	5,876,730	5,780,732	6,244,885	6,846,307	7,370,248	7,921,795	8,699,243	8,547,410	7,660,437	6,555,054	6,399,346	84,601,566
Florida Power Corporation	2,596,587	2,269,764	2,318,075	2,491,695	2,630,881	2,904,604	3,174,115	3,612,088	3,436,879	2,979,952	2,586,979	2,439,410	33,441,029
Gulf Power Company	739,105	602,521	645,840	711,514	796,267	910,695	1,020,841	1,058,379	916,863	754,683	645,130	757,345	9,559,183
Tampa Electric	1,276,387	1,103,597	1,114,374	1,195,190	1,271,612	1,444,816	1,489,079	1,579,771	1,578,929	1,395,714	1,191,560	1,163,932	15,804,961
Jacksonville Electric	911,403	820,607	798,272	844,826	944,513	1,054,505	1,140,241	1,168,340	1,028,078	959,121	801,632	834,025	11,235,788

SOURCES: A-Schedules 1999
FPSC Form AFAD (RRR)-4

TABLE 23
CONSUMPTION BY CLASS OF SERVICE BY UTILITY
(MEGAWATT-HOURS)
1999

UTILITIES	RESIDENTIAL	COMMERCIAL	INDUSTRIAL	OTHER	TOTAL
Florida Power & Light	44,187,226	35,520,544	3,947,643	946,153	84,601,566
Florida Power Corporation	16,244,772	10,326,847	4,333,709	2,535,701	33,441,029
Florida Public Utilities	290,633	243,820	169,274	12,767	716,494
Gulf Power Company	4,471,118	3,222,532	1,846,237	19,296	9,559,183
Tampa Electric Company	6,967,174	5,336,396	2,223,267	1,278,124	15,804,961
Alachua	27,466	34,965	0	0	62,431
Bartow	122,736	23,614	113,693	13,245	273,288
Blountstown	11,133	22,549	0	1,295	34,977
Bushnell	7,595	5,562	9,006	940	23,103
Central Florida Co-op	288,870	45,463	29,482	9,262	373,077
Chattahoochee	13,221	5,039	28,304	1,495	48,059
Choctawhatchee Co-op	376,890	54,827	63,633	142	495,492
Clay Co-op	1,712,924	196,452	376,196	3,968	2,289,540
Clewiston	49,791	6,885	58,613	1,036	116,325
Escambia River Co-op	110,331	15,232	19,410	641	145,614
Florida Keys Co-op	334,326	100,981	153,258	26,152	614,717
Fort Meade	NR	NR	NR	NR	NR
Fort Pierce	218,335	324,589	9,384	0	552,308
Gainesville	763,361	190,995	630,100	21,699	1,606,155
Glades Co-op	NR	NR	NR	NR	NR
Green Cove Springs	31,291	9,606	82,791	2,274	125,962
Gulf Coast Co-op	199,812	42,813	0	2,421	245,046
Havana	11,810	8,908	0	1,116	21,834
Homestead	152,565	29,510	111,577	14,106	307,758
Jacksonville	4,529,069	3,333,479	2,833,411	539,829	11,235,788
Jacksonville Beach	408,160	78,339	159,740	3,831	650,070
Key West	281,770	59,884	285,592	5,504	632,750
Kissimmee	NR	NR	NR	NR	NR
Lake Worth	NR	NR	NR	NR	NR
Lakeland	1,236,570	198,890	928,229	99,606	2,463,295
Lee County Co-op	1,646,342	123,484	705,355	10,218	2,485,399
Leesburg	187,596	66,178	162,163	12,778	428,715
Moore Haven	9,297	6,644	0	0	15,941
Mount Dora	46,190	14,507	15,607	5,214	81,518
New Smyrna Beach	212,845	42,814	82,086	2,861	340,606
Newberry	10,747	1,881	17,271	2,057	31,956
Ocala	459,232	121,551	485,143	87,285	1,153,211
Okefenoke*	117,630	15,003	0	92	132,725
Orlando	NR	NR	NR	NR	NR
Peace River Co-op	241,075	43,206	68,545	545	353,371
Quincy	NR	NR	NR	NR	NR
Reedy Creek	NR	NR	NR	NR	NR
Seminole Co-op	N/A	N/A	N/A	N/A	N/A
Starke	22,192	42,431	0	0	64,623
Sumter Co-op	1,133,053	129,284	267,258	1,040	1,530,635
Suwannee Valley Co-op	248,626	25,789	21,772	268	296,455
Tallahassee	NR	NR	NR	NR	NR
Talquin Co-op	608,901	55,856	143,593	5,816	814,166
Tri-County Co-op	134,141	21,512	37,039	1,463	194,155
Vero Beach	316,324	83,788	229,749	14,665	644,526
Wauchula	25,358	17,316	14,157	3,717	60,548
West Florida Co-op	278,412	31,082	4,626	13,697	327,817
Williston	10,549	5,624	11,249	1,068	28,490
Withlacoochee Co-op	1,839,718	178,037	560,120	11,654	2,589,529
Respondent Total**	90,597,177	60,464,708	21,238,282	5,715,041	178,015,208
FRCC State Total					184,678,000

*Okefenoke sells power in Florida and Georgia; 1999 figures reflect Florida customers only.

**Respondent Total does not include information from every utility, but for those that responded, it includes sales to other public authorities. For these reasons, respondent totals are not comparable to FRCC totals.

SOURCES: 1999 FPSC Form AFAD (RRR)-1,4
2000 FRCC Regional Load and Resource Plan

TABLE 24
AVERAGE ANNUAL CONSUMPTION BY CLASS OF SERVICE BY UTILITY
(KILOWATT-HOURS)
1999

UTILITIES	RESIDENTIAL	COMMERCIAL	INDUSTRIAL	OTHER	TOTAL
Florida Power & Light	13,260	87,718	246,112	364,045	22,524
Florida Power Corporation	13,439	73,599	1,654,719	129,929	24,388
Florida Public Utilities	13,871	71,839	28,212,333	44,330	29,078
Gulf Power Company	14,318	68,141	7,384,948	67,944	26,545
Tampa Electric Company	14,590	88,810	3,008,480	241,201	29,072
Alachua	12,333	74,394	0	0	22,329
Bartow	14,713	22,619	438,969	107,683	27,978
Blountstown	10,990	74,914	0	46,250	26,063
Bushnell	10,549	29,903	1,125,750	36,154	24,578
Central Florida Co-op	11,533	30,635	310,337	27,565	13,837
Chattahoochee	11,954	33,819	5,660,800	33,222	36,827
Choctawhatchee Co-op	13,646	17,533	563,124	35,500	16,054
Clay Co-op	14,436	17,225	707,135	9,164	17,474
Clewiston	15,006	15,232	424,732	7,507	28,751
Escambia River Co-op	14,948	10,008	140,652	23,741	16,058
Florida Keys Co-op	13,811	21,740	386,040	72,847	20,762
Fort Meade	NR	NR	NR	NR	NR
Fort Pierce	10,765	77,486	0	0	22,570
Gainesville	11,137	26,290	743,920	8,064	20,242
Glades Co-op	NR	NR	NR	NR	NR
Green Cove Springs	13,175	21,782	781,047	43,731	42,354
Gulf Coast Co-op	12,714	42,015	0	16,930	14,519
Havana	11,237	43,667	0	46,500	17,071
Homestead	11,841	20,536	327,205	14,542	19,686
Jacksonville	14,539	95,504	14,834,613	189,347	32,152
Jacksonville Beach	16,054	18,088	488,502	6,311	21,183
Key West	12,456	22,270	426,894	3,519	22,972
Kissimmee	NR	NR	NR	NR	NR
Lake Worth	NR	NR	NR	NR	NR
Lakeland	14,059	21,534	737,861	9,335	22,574
Lee County Co-op	12,652	13,082	255,934	59,407	17,443
Leesburg	12,285	26,546	551,575	68,699	23,500
Moore Haven	11,724	50,718	0	0	16,623
Mount Dora	10,558	22,526	400,179	4,080	12,866
New Smyrna Beach	11,576	25,096	912,067	0	16,877
Newberry	12,855	17,417	750,913	43,766	31,515
Ocala	12,909	19,780	475,165	37,802	25,598
Okefenoke**	16,156	38,176	0	30,667	17,289
Orlando	NR	NR	NR	NR	NR
Peace River Co-op	12,136	12,330	585,855	28,684	15,034
Quincy	NR	NR	NR	NR	NR
Reedy Creek	NR	NR	NR	NR	NR
Seminole Co-op	0	0	0	0	0
Starke	11,451	68,327	0	0	25,253
Sumter Co-op	12,681	13,546	701,465	38,519	15,414
Suwannee Valley Co-op	13,479	20,648	588,432	3,526	14,967
Tallahassee	NR	NR	NR	NR	NR
Talquin Co-op	14,188	20,873	788,973	7,838	17,503
Tri-County Co-op	10,191	14,877	487,355	12,091	13,113
Vero Beach	12,753	21,084	424,675	48,721	21,761
Wauchula	12,566	33,046	1,089,000	79,085	23,270
West Florida Co-op	12,727	14,620	37,008	34,764	13,369
Williston	10,465	29,445	401,750	15,478	21,983
Withlacoochee Co-op	13,272	14,996	606,190	43,977	17,073
Respondent Average	13,469	75,082	667,913	103,545	23,365

NR=Not Reported

**Okefenoke Rural EMC sells power in Florida and Georgia; 1999 figures reflect Florida customers only.

SOURCES: 1999 FPSC Form AFAD (RRR)-1,4

TABLE 25
SALE FOR RESALE ACTIVITY BY SELECTED UTILITY
(MEGAWATT-HOURS)
1999

UTILITY	TOTAL RESALES (MWH)	TOTAL SALES TO ULTIMATE CUSTOMERS (MWH)	UTILITY TOTAL SALES (MWH)	AVERAGE RESALES PER MONTH (MWH/MONTH)	RESALES AS PERCENTAGE OF TOTAL (%)
Florida Power & Light	3,629,368	84,601,566	88,230,934	302,447	4.11
Florida Power Corporation	4,856,238	33,441,029	38,297,267	404,687	12.68
Florida Public Utilities	0	716,494	716,494	0	0.00
Gulf Power Company	NR	9,559,183	9,559,183	NR	NR
Tampa Electric Company	2,162,556	15,804,961	17,967,517	180,213	12.04
Alabama Electric Cooperative*	6,880,024	0	6,880,024	573,335	100.00
Chattahoochee	0	48,059	48,059	0	0.00
Gainesville	108,600	1,606,155	1,714,755	9,050	6.33
Green Cove Springs	0	125,962	125,962	0	0.00
Homestead	0	307,758	307,758	0	0.00
Jacksonville	0	11,235,788	11,235,788	0	0.00
Kissimmee	NR	NR	0	0	NR
Lake Worth	NR	NR	0	0	NR
Lakeland	254,801	2,463,295	2,718,096	21,233	9.37
Leesburg	0	428,715	428,715	0	0.00
Orlando	NR	NR	0	0	NR
Seminole Electric Cooperative**	11,849,011	N/A	11,849,011	987,418	100.00
Talquin Electric Cooperative	12,312	814,166	826,478	1,026	1.49
Vero Beach	0	644,526	644,526	0	0.00

*Alabama Electric Cooperative does all of its Florida business on a resale basis.
**Seminole Electric Cooperative generates only for resale.

SOURCES: FERC Form 1
1999 FPSC Form AFAD (RRR)-1,4

TABLE 26
CONSUMPTION BY UTILITY
(MEGAWATT-HOURS)
1995-1999

UTILITIES	1995	1996	1997	1998	1999
Florida Power & Light	76,246,930	77,333,396	79,853,875	85,130,914	84,601,566
Florida Power Corporation	29,499,476	30,784,800	30,850,271	33,386,610	33,441,029
Florida Public Utilities	596,834	627,730	635,969	711,205	716,494
Gulf Power Company	8,534,484	8,794,459	8,938,530	9,402,018	9,559,183
Tampa Electric Company	14,599,955	14,928,925	15,090,184	16,027,356	15,804,961
Alachua	54,484	55,874	59,458	64,313	62,431
Bartow	224,784	259,091	263,481	275,895	273,288
Blountstown	33,555	14,314	33,283	34,924	34,977
Bushnell	17,990	19,759	19,414	28,769	23,103
Central Florida	294,189	315,128	318,589	358,020	373,077
Chattahoochee	50,432	49,560	48,094	48,894	48,059
Choctawhatchee	405,307	431,458	444,055	487,441	495,492
Clay	1,936,194	2,018,445	2,019,810	2,246,527	2,289,540
Clewiston	98,000	97,757	104,225	116,134	116,325
Escambia River	124,684	131,677	131,561	145,027	145,614
Florida Keys	550,015	553,452	585,744	624,734	614,717
Fort Meade	37,456	38,349	37,363	40,296	NR
Fort Pierce	521,731	528,702	512,753	541,111	552,308
Gainesville	1,449,119	1,479,358	1,474,526	1,595,283	1,606,155
Glades	231,606	248,918	259,921	279,393	NR
Green Cove Springs	106,017	109,354	112,031	123,344	125,962
Gulf Coast	194,554	208,435	216,483	247,472	245,046
Havana	20,848	20,845	20,375	22,000	21,834
Homestead	NR	268,244	285,000	299,156	307,758
Jacksonville	9,659,431	10,116,732	10,095,031	11,028,073	11,235,788
Jacksonville Beach	550,768	594,157	577,929	NR	650,070
Key West	583,038	588,406	614,954	631,405	632,750
Kissimmee	857,503	898,564	920,753	1,005,833	NR
Lake Worth	334,995	353,715	356,079	383,129	NR
Lakeland	2,277,296	2,318,852	2,330,535	2,432,126	2,463,295
Lee County	2,195,372	2,286,441	2,319,281	2,479,850	2,485,399
Leesburg	390,174	395,709	397,899	433,473	428,715
Moore Haven	14,961	15,360	16,900	16,983	15,941
Mount Dora	74,625	NR	72,860	86,613	81,518
New Smyrna Beach	299,311	313,884	305,573	340,930	340,606
Newberry	27,948	28,510	29,221	31,707	31,956
Ocala	1,046,058	1,072,579	1,080,592	1,148,524	1,153,211
Okefenoke*	112,026	118,594	119,464	128,528	132,725
Orlando Utilities	3,935,058	4,037,466	4,063,095	4,424,495	NR
Peace River	276,368	296,791	305,339	343,477	353,371
Quincy	139,435	138,770	164,718	162,359	NR
Reedy Creek	895,168	943,110	1,010,308	1,068,271	NR
Starke	61,124	63,803	62,370	65,841	64,623
Sumter	1,108,483	1,234,028	1,299,768	1,456,527	1,530,635
Suwannee Valley	238,572	255,284	256,109	288,279	296,455
Tallahassee	2,147,368	2,220,862	2,186,805	2,348,928	NR
Talquin	687,248	738,239	730,182	818,747	814,166
Tri-County	162,268	168,251	170,273	190,298	194,155
Vero Beach	553,710	568,651	598,211	658,811	644,526
Wauchula	52,394	54,185	53,822	61,648	60,548
West Florida	284,237	301,009	299,932	328,119	327,817
Williston	24,101	28,026	27,849	29,840	28,490
Withlacoochee	2,238,438	2,368,003	2,348,105	2,560,502	2,589,529
Respondent Total**	167,056,126	171,836,013	175,128,952	187,190,152	178,015,208
FRCC State Total	162,830,000	167,387,000	170,354,000	181,429,000	184,678,000

NR=Not Reported

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

**Respondent Total does not include information from every utility every year, but for those that responded, it includes sales to other public authorities For these reasons, respondent totals are not comparable to FRCC totals.

SOURCES: 1995-1999 FPSC Form AFAD (RRR)-1,4
2000 Regional Load and Resource Plan, FRCC

TABLE 27
TOTAL CONSUMPTION AND PERCENTAGE CHANGE BY CLASS OF SERVICE
1990-1999

YEAR		RESIDENTIAL	COMMERCIAL	INDUSTRIAL	OTHER PUBLIC AUTHORITIES*	TOTAL
1990	Consumption (GWH)	68,382	47,037	18,853	4,931	139,203
	Change from prior year	-	-	-	-	-
1991	Consumption (GWH)	70,242	48,069	18,768	5,158	142,237
	Change from prior year	2.7%	2.2%	-0.5%	4.6%	2.2%
1992	Consumption (GWH)	70,605	48,257	18,825	5,264	142,951
	Change from prior year	0.5%	0.4%	0.3%	2.1%	0.5%
1993	Consumption (GWH)	74,201	50,514	18,554	5,404	148,673
	Change from prior year	5.1%	4.7%	-1.4%	2.7%	4.0%
1994	Consumption (GWH)	77,879	53,003	18,872	5,572	155,326
	Change from prior year	5.0%	4.9%	1.7%	3.1%	4.5%
1995	Consumption (GWH)	82,681	54,808	19,482	5,859	162,830
	Change from prior year	6.2%	3.4%	3.2%	5.2%	4.8%
1996	Consumption (GWH)	85,207	55,985	20,146	6,049	167,387
	Change from prior year	3.1%	2.1%	3.4%	3.2%	2.8%
1997	Consumption (GWH)	84,847	58,541	20,610	6,356	170,354
	Change from prior year	-0.4%	4.6%	2.3%	5.1%	1.8%
1998	Consumption (GWH)	92,637	62,164	21,393	5,235	181,429
	Change from prior year	9.2%	6.2%	3.8%	-17.6%	6.5%
1999	Consumption (GWH)	92,386	66,022	21,132	5,138	184,678
	Change from prior year	-0.3%	6.2%	-1.2%	-1.9%	1.8%

*Includes Street and Highway Lighting and Interdepartmental

SOURCES: 2000 Regional Load and Resource Plan, FRCC

TABLE 28
CONSUMPTION AS A PERCENTAGE OF TOTAL BY CLASS OF SERVICE
1985-1999

YEAR	RESIDENTIAL	COMMERCIAL	INDUSTRIAL	OTHER
1985	47.21%	32.39%	17.35%	3.15%
1986	49.42	31.14	16.32	3.12
1987	49.35	31.51	16.09	3.05
1988	49.14	33.31	14.42	3.13
1989	49.33	33.08	14.40	3.19
1990	49.57	31.94	15.43	3.06
1991	49.56	30.13	16.55	3.76
1992	49.11	30.74	16.72	3.42
1993	50.48	31.93	14.47	3.12
1994	50.39	32.29	13.82	3.50
1995	51.12	30.75	14.93	3.20
1996	51.27	31.18	14.35	3.19
1997	50.06	32.05	14.57	3.32
1998	50.97	31.72	14.13	3.18
1999	50.89	33.97	11.93	3.21

SOURCES: 1985-1999 FPSC Form AFAD (RRR)-1
1985-1999 A-Schedules
1985-1999 Form EIA-826

REVENUES

TABLE 29
MONTHLY REVENUES BY CLASS OF SERVICE BY SELECT UTILITY
(THOUSANDS OF DOLLARS)
1999

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
Residential													
Florida Power & Light	276,297	231,894	223,080	241,691	258,199	296,233	318,757	369,509	352,129	309,315	247,093	233,047	3,357,244
Florida Power Corporation	109,323	89,004	93,280	95,497	104,077	120,757	133,777	157,581	147,358	122,330	98,313	95,168	1,366,465
Gulf Power Company	22,805	18,054	17,312	19,523	21,983	26,724	30,807	32,682	27,235	19,917	17,365	22,904	277,311
Tampa Electric	45,854	36,999	37,458	40,203	43,513	51,784	54,883	60,109	59,191	49,909	38,520	39,020	557,443
Jacksonville Electric	27,917	21,724	21,921	21,559	22,312	27,661	30,501	35,717	34,774	26,195	20,065	21,751	312,097
Commercial													
Florida Power & Light	184,258	173,968	173,158	176,530	182,885	188,776	192,522	203,027	202,438	191,925	179,282	177,473	2,226,242
Florida Power Corporation	45,402	43,146	42,463	48,452	51,169	53,340	56,998	62,188	60,312	54,710	51,139	46,655	615,974
Gulf Power Company	11,427	12,447	11,188	13,426	14,747	14,594	16,279	16,923	15,281	13,278	12,545	13,736	165,871
Tampa Electric	27,263	25,588	25,065	27,769	28,260	30,499	31,220	32,660	32,454	30,429	27,704	26,592	345,503
Jacksonville Electric	14,399	13,532	13,013	14,136	15,073	16,360	16,961	18,125	18,210	16,398	14,168	14,120	184,495
Industrial													
Florida Power & Light	16,838	15,529	17,271	15,048	16,039	15,230	14,305	14,852	17,982	16,476	14,952	15,729	190,251
Florida Power Corporation	14,848	14,738	14,729	16,148	15,525	15,385	16,422	17,234	16,324	15,907	16,325	14,793	188,378
Gulf Power Company	4,879	3,321	5,307	5,009	5,438	6,237	7,105	7,303	6,024	6,604	4,781	5,396	67,404
Tampa Electric	8,146	7,841	8,364	9,470	9,020	9,080	10,740	13,461	8,876	8,907	8,470	7,969	110,344
Jacksonville Electric	8,143	8,385	8,750	9,493	9,349	9,598	9,683	11,048	10,379	8,655	9,004	8,790	111,277
Other													
Florida Power & Light	6,210	7,195	7,376	4,613	8,762	(6,544)	20,397	5,918	6,349	4,197	6,577	5,987	77,037
Florida Power Corporation	10,536	9,934	10,474	10,875	11,969	11,822	11,890	13,240	13,863	13,042	12,306	11,094	141,045
Gulf Power Company	177	178	186	167	183	182	182	183	192	180	186	178	2,174
Tampa Electric	6,881	6,721	6,903	7,176	7,394	7,332	7,708	8,247	7,816	7,187	6,875	6,875	86,812
Jacksonville Electric	1,670	1,629	1,288	1,226	1,182	1,974	1,988	1,722	1,799	1,658	1,658	1,704	19,498
Total													
Florida Power & Light	483,603	428,586	420,885	437,882	465,885	493,695	545,981	593,306	578,898	521,913	447,904	432,236	5,850,774
Florida Power Corporation	180,109	156,822	160,946	170,972	182,740	201,304	219,087	250,243	237,857	205,989	178,083	167,710	2,311,862
Gulf Power Company	39,288	34,000	33,993	38,125	42,351	47,737	54,373	57,091	48,732	39,979	34,877	42,214	512,760
Tampa Electric	88,144	77,149	77,790	84,618	88,187	98,695	104,551	114,477	108,337	96,432	81,569	80,456	1,100,102
Jacksonville Electric	52,129	45,270	44,972	46,414	47,916	55,593	59,133	66,612	65,162	52,906	44,895	46,365	627,367

SOURCES: FERC Form 1
FPSC Form AFAD (RRR)-1, 4

TABLE 30
CUSTOMER REVENUES BY CLASS OF SERVICE
(IN THOUSANDS)
1985-1999

YEAR	RESIDENTIAL	COMMERCIAL	INDUSTRIAL	OTHER PUBLIC AUTHORITIES*	TOTAL
1985	$4,564,286	$2,420,440	$1,242,824	$260,288	$8,487,838
1986	4,589,747	2,474,514	1,088,988	256,063	8,409,312
1987	4,786,969	2,491,091	992,612	386,754	8,657,426
1988	4,993,880	2,910,309	997,402	277,514	9,179,105
1989	5,279,887	3,009,559	1,097,216	362,259	9,748,921
1990	5,520,066	3,121,059	1,128,528	303,506	10,073,159
1991	5,736,646	3,220,832	1,146,858	342,605	10,446,941
1992	5,681,719	2,940,669	1,338,816	336,772	10,297,976
1993	6,140,038	3,123,365	1,361,449	350,405	10,975,257
1994	6,252,005	3,259,074	1,226,500	359,252	11,096,831
1995	6,635,847	3,303,139	1,352,628	484,992	11,776,606
1996	7,056,633	3,570,759	1,363,019	376,590	12,367,001
1997	7,074,435	3,722,308	1,382,150	390,703	12,569,596
1998	7,525,835	3,684,867	1,483,475	383,985	13,078,162
1999	6,955,823	3,745,961	1,042,359	357,003	12,101,146

*Other includes Street and Highway Lighting and Interdepartmental

SOURCES: 1985-1999 FPSC Form AFAD (RRR)-1
1985-1999 EIA-826

TABLE 31
CUSTOMER REVENUES AS A PERCENTAGE OF TOTAL BY CLASS OF SERVICE
1985-1999

YEAR	RESIDENTIAL	COMMERCIAL	INDUSTRIAL	OTHER PUBLIC AUTHORITIES*
1985	53.8%	28.5%	14.6%	3.1%
1986	54.6	29.4	12.9	3.0
1987	55.3	28.8	11.5	4.5
1988	54.8	31.3	10.9	3.0
1989	54.2	30.9	11.3	3.7
1990	54.8	31.0	11.2	3.0
1991	54.9	30.8	11.0	3.3
1992	55.2	28.6	13.0	3.3
1993	55.9	28.5	12.4	3.2
1994	56.3	29.4	11.1	3.2
1995	56.3	28.0	11.5	4.1
1996	57.1	28.9	11.0	3.0
1997	56.3	31.3	10.1	2.3
1998	57.5	28.2	11.3	2.9
1999	57.5	31.0	8.6	3.0

*Other includes Street and Highway Lighting and Interdepartmental

SOURCES: 1985-1999 FPSC Form AFAD (RRR)-1
1985-1999 EIA-826

NUMBER OF CUSTOMERS

TABLE 32
MONTHLY NUMBER OF CUSTOMERS BY CLASS OF SERVICE BY SELECT UTILITY
1999

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MONTHLY AVERAGE
Residential													
Florida Power & Light	3,309,816	3,319,728	3,329,454	3,329,366	3,321,534	3,321,366	3,323,325	3,329,527	3,336,447	3,342,147	3,354,917	3,371,437	3,332,422
Florida Power Corporation	1,205,483	1,213,771	1,203,884	1,206,152	1,224,449	1,176,785	1,192,987	1,212,071	1,208,703	1,202,702	1,216,747	1,241,139	1,208,739
Gulf Power Company	307,909	308,909	309,939	310,917	311,554	312,239	313,103	313,849	314,213	314,641	314,886	315,240	312,283
Tampa Electric	474,407	475,468	476,529	475,326	474,505	475,049	475,855	477,017	478,442	480,120	482,695	484,978	477,532
Jacksonville Electric	308,599	309,980	307,702	310,562	310,005	313,394	312,355	314,235	313,523	312,195	313,168	312,473	311,515
Commercial													
Florida Power & Light	400,354	401,256	401,912	403,118	404,034	404,536	404,996	406,046	406,998	408,060	408,562	409,431	404,941
Florida Power Corporation	137,875	138,803	137,779	139,904	143,127	136,717	139,628	142,415	141,592	140,996	141,152	143,768	140,313
Gulf Power Company	46,553	46,644	46,890	47,087	47,239	47,355	47,484	47,547	47,608	47,648	47,723	47,728	47,292
Tampa Electric	59,262	59,471	59,767	59,870	59,974	59,993	59,984	60,080	60,391	60,568	60,750	60,954	60,088
Jacksonville Electric	34,515	34,419	34,510	34,760	34,834	35,054	35,041	35,149	35,096	35,063	35,125	35,287	34,904
Industrial													
Florida Power & Light	15,661	15,593	15,666	15,695	15,894	16,054	16,207	16,406	16,466	16,334	16,271	16,235	16,040
Florida Power Corporation	2,648	2,655	2,630	2,638	2,681	2,566	2,598	2,633	2,597	2,609	2,561	2,622	2,619
Gulf Power Company	255	255	251	250	248	247	246	248	249	249	246	267	250
Tampa Electric	716	715	721	725	726	730	728	739	750	767	774	783	739
Jacksonville Electric	186	199	191	191	193	188	192	191	192	189	197	184	191
Other													
Florida Power & Light	2,588	2,583	2,583	2,590	2,590	2,599	2,605	2,591	2,602	2,615	2,617	2,628	2,599
Florida Power Corporation	19,298	19,351	19,251	19,386	19,882	19,111	19,444	19,729	19,645	19,695	19,585	19,820	19,516
Gulf Power Company	268	267	267	269	274	273	276	276	311	309	308	314	284
Tampa Electric	5,162	5,182	5,215	5,229	5,224	5,316	5,338	5,342	5,379	5,388	5,406	5,409	5,299
Jacksonville Electric	2,778	2,792	2,820	2,843	2,835	2,858	2,856	2,896	2,856	2,861	2,912	2,912	2,851
Total													
Florida Power & Light	3,728,419	3,739,160	3,749,615	3,750,769	3,744,052	3,744,555	3,747,133	3,754,570	3,762,513	3,769,156	3,782,367	3,799,731	3,756,003
Florida Power Corporation	1,365,304	1,374,580	1,363,544	1,368,080	1,390,139	1,335,179	1,354,657	1,376,848	1,372,537	1,366,002	1,380,045	1,407,349	1,371,189
Gulf Power Company	354,985	356,075	357,347	358,523	359,315	360,114	361,109	361,920	362,381	362,847	363,163	363,549	360,111
Tampa Electric	539,547	540,836	542,232	541,150	540,429	541,088	541,905	543,178	544,962	546,843	549,625	552,124	543,660
Jacksonville Electric	346,078	347,390	345,223	348,356	347,867	351,494	350,444	352,471	351,667	350,308	351,402	350,856	349,463

SOURCES: FPSC Form AFAD (RRR)-4

TABLE 33
AVERAGE NUMBER OF CUSTOMERS BY CLASS OF SERVICE BY UTILITY
1999

UTILITIES	RESIDENTIAL	COMMERCIAL	INDUSTRIAL	OTHER	TOTAL
Florida Power & Light	3,332,422	404,941	16,040	2,599	3,756,002
Florida Power Corporation	1,208,739	140,313	2,619	19,516	1,371,187
Florida Public Utilities	20,952	3,394	6	288	24,640
Gulf Power Company	312,283	47,292	250	284	360,109
Tampa Electric Company	477,532	60,088	739	5,299	543,658
Alachua	2,227	470	58	41	2,796
Bartow	8,342	1,044	259	123	9,768
Blountstown	1,013	301	0	28	1,342
Bushnell	720	186	8	26	940
Central Florida Co-op	25,047	1,484	95	336	26,962
Chattahoochee	1,106	149	5	45	1,305
Choctawhatchee Co-op	27,620	3,127	113	4	30,864
Clay Co-op	118,658	11,405	532	433	131,028
Clewiston	3,318	452	138	138	4,046
Escambia River Co-op	7,381	1,522	138	27	9,068
Florida Keys Co-op	24,207	4,645	397	359	29,608
Fort Meade	NR	NR	NR	NR	NR
Fort Pierce	20,282	4,189	0	0	24,471
Gainesville	68,543	7,265	847	2,691	79,346
Glades Co-op	NR	NR	NR	NR	NR
Green Cove Springs	2,375	441	106	52	2,974
Gulf Coast Co-op	15,716	1,019	0	143	16,878
Havana	1,051	204	0	24	1,279
Homestead	12,885	1,437	341	970	15,633
Jacksonville	311,515	34,904	191	2,851	349,461
Jacksonville Beach	25,424	4,331	327	607	30,689
Key West	22,622	2,689	669	1,564	27,544
Kissimmee	NR	NR	NR	NR	NR
Lake Worth	NR	NR	NR	NR	NR
Lakeland	87,955	9,236	1,258	10,670	109,119
Lee County Co-op	130,122	9,439	2,756	172	142,489
Leesburg	15,270	2,493	294	186	18,243
Moore Haven	793	131	15	20	959
Mount Dora	4,375	644	39	1,278	6,336
New Smyrna Beach	18,386	1,706	90	0	20,182
Newberry	836	108	23	47	1,014
Ocala	35,575	6,145	1,021	2,309	45,050
Okefenoke*	7,281	393	0	3	7,677
Orlando	NR	NR	NR	NR	NR
Peace River Co-op	19,865	3,504	117	19	23,505
Quincy	NR	NR	NR	NR	NR
Reedy Creek	NR	NR	NR	NR	NR
Seminole Co-op	0	0	0	0	0
Starke	1,938	621	0	0	2,559
Sumter Co-op	89,352	9,544	381	27	99,304
Suwannee Valley Co-op	18,445	1,249	37	76	19,807
Tallahassee	NR	NR	NR	NR	NR
Talquin Co-op	42,916	2,676	182	742	46,516
Tri-County Co-op	13,163	1,446	76	121	14,806
Vero Beach	24,803	3,974	541	301	29,619
Wauchula	2,018	524	13	47	2,602
West Florida Co-op	21,875	2,126	125	394	24,520
Williston	1,008	191	28	69	1,296
Withlacoochee Co-op	138,612	11,872	924	265	151,673
Respondent Total	6,726,568	805,314	31,798	55,194	7,618,874
FRCC State Total					7,915,167

*Okefenoke sells power in Florida and Georgia; 1999 figures reflect Florida customers only.

**Respondent Total does not include information from every utility.

SOURCES: 1999 FPSC Form AFAD (RRR)-1,4
2000 Regional Load and Resource Plan, FRCC

TABLE 34
AVERAGE NUMBER OF CUSTOMERS BY UTILITY
1995-1999

UTILITIES	1995	1996	1997	1998	1999
Florida Power & Light	3,488,779	3,550,737	3,615,483	3,680,461	3,756,002
Florida Power Corporation	1,271,766	1,292,056	1,314,490	1,340,834	1,371,187
Florida Public Utilities	22,613	23,120	23,677	24,114	24,640
Gulf Power Company	325,110	330,563	340,939	350,445	360,109
Tampa Electric Company	495,194	506,036	518,366	530,252	543,658
Alachua	2,360	2,413	2,589	2,749	2,796
Bartow	9,967	10,014	10,096	9,896	9,768
Blountstown	1,409	1,399	1,370	1,442	1,342
Bushnell	885	917	964	942	940
Central Florida	23,704	24,536	25,299	26,231	26,962
Chattahoochee	1,330	1,322	1,303	1,304	1,305
Choctawhatchee	26,233	27,780	28,471	29,636	30,864
Clay	113,430	119,350	123,456	126,314	131,028
Clewiston	3,698	3,977	4,014	4,043	4,046
Escambia River	8,046	8,321	8,549	8,827	9,068
Florida Keys	28,579	28,858	29,114	29,370	29,608
Fort Meade	2,566	2,483	2,499	2,524	NR
Fort Pierce	23,963	24,097	24,185	24,179	24,471
Gainesville	71,697	71,697	75,350	77,197	79,346
Glades	13,109	13,382	13,586	14,091	NR
Green Cove Springs	2,691	2,704	2,831	2,863	2,974
Gulf Coast	14,096	14,657	15,582	15,977	16,878
Havana	1,331	1,267	1,277	1,281	1,279
Homestead	NR	13,915	15,042	15,132	15,633
Jacksonville	316,284	322,104	329,670	336,294	349,461
Jacksonville Beach	26,750	27,277	28,404	NR	30,689
Key West	25,884	26,502	26,667	26,765	27,544
Kissimmee	40,568	43,461	43,866	45,090	NR
Lake Worth	24,539	24,795	24,114	25,081	NR
Lakeland	101,983	103,472	104,786	106,191	109,119
Lee County	132,165	133,343	136,222	139,169	142,489
Leesburg	17,335	17,436	17,749	18,000	18,243
Moore Haven	1,100	922	1,197	1,055	959
Mount Dora	4,550	NR	4,765	4,765	6,336
New Smyrna Beach	20,167	20,336	20,501	20,793	20,182
Newberry	888	910	952	984	1,014
Ocala	41,535	41,535	42,889	43,836	45,050
Okefenoke*	6,802	7,066	7,295	7,483	7,677
Orlando Utilities	170,969	173,626	177,650	182,479	NR
Peace River	20,263	20,984	21,694	22,511	23,505
Quincy	4,482	4,527	4,484	4,484	NR
Reedy Creek	1,147	1,250	1,267	1,293	NR
Starke	2,557	2,573	2,576	2,560	2,559
Sumter	82,404	85,779	89,953	94,488	99,304
Suwannee Valley	17,104	17,738	18,572	19,234	19,807
Tallahassee	86,335	88,136	89,763	91,507	NR
Talquin	41,308	42,691	44,083	45,320	46,516
Tri-County	13,210	13,644	13,987	14,377	14,806
Vero Beach	26,806	27,198	27,741	28,097	29,619
Wauchula	2,583	2,563	2,574	2,570	2,602
West Florida	22,557	23,120	23,659	23,956	24,520
Williston	1,202	1,201	1,206	1,255	1,296
Withlacoochee	138,457	142,904	146,439	147,808	151,673
Respondent Total**	7,344,490	7,492,694	7,653,257	7,777,549	7,618,874
FRCC State Total	7,012,155	7,143,017	7,289,617	7,441,989	7,915,167

*Okefenoke sells power in Florida and Georgia; These figures reflect Florida customers only.
**Respondent Total does not include information from every utility.

SOURCES: 1995-1999 FPSC Form AFAD (RRR)-1,4

TABLE 35
AVERAGE NUMBER OF CUSTOMERS AND PERCENTAGE CHANGE BY CLASS OF SERVICE
1990-1999

YEAR		RESIDENTIAL	COMMERCIAL	INDUSTRIAL	TOTAL
1990	Number of Customers	5,609,865	667,756	26,312	6,303,933
	Change from prior year	-	-	-	-
1991	Number of Customers	5,744,175	679,952	25,280	6,449,407
	Change from prior year	2.4%	1.8%	-3.9%	2.3%
1992	Number of Customers	5,849,400	696,651	24,952	6,571,003
	Change from prior year	1.8%	2.5%	-1.3%	1.9%
1993	Number of Customers	5,981,279	714,627	25,230	6,721,136
	Change from prior year	2.3%	2.6%	1.1%	2.3%
1994	Number of Customers	6,111,386	731,614	26,244	6,869,244
	Change from prior year	2.2%	2.4%	4.0%	2.2%
1995	Number of Customers	6,239,291	746,928	25,936	7,012,155
	Change from prior year	2.1%	2.1%	-1.2%	2.1%
1996	Number of Customers	6,354,461	762,752	25,804	7,143,017
	Change from prior year	1.8%	2.1%	-0.5%	1.9%
1997	Number of Customers	6,482,244	781,160	26,213	7,289,617
	Change from prior year	2.0%	2.4%	1.6%	2.1%
1998	Number of Customers	6,613,532	801,200	27,257	7,441,989
	Change from prior year	2.0%	2.6%	4.0%	2.1%
1999	Number of Customers	7,023,628	860,010	31,529	7,915,167
	Change from prior year	6.2%	7.3%	15.7%	6.4%

SOURCES 2000 Regional Load and Resource Plan, FRCC

TABLE 36
POPULATION AND CUSTOMERS FOR SELECTED INVESTOR-OWNED UTILITIES
(HISTORICAL AND FORECASTED)
1990-2009

UTILITY	YEAR	POPULATION	RESIDENTIAL CUSTOMERS	COMMERICIAL CUSTOMERS	INDUSTRIAL CUSTOMERS	TOTAL CUSTOMERS
Florida Power & Light	1990	6,088,140	2,801,209	337,133	16,657	3,158,817
	1994	6,516,879	3,037,629	366,409	15,588	3,422,187
	1999	7,133,361	3,332,422	404,942	16,040	3,756,009
	2004 *	7,720,707	3,637,839	451,383	15,114	4,107,138
	2009 *	8,257,056	3,921,594	490,838	14,941	4,430,357
Florida Power Corporation	1990	2,509,322	1,007,806	113,595	3,115	1,135,499
	1994	2,738,046	1,100,537	122,987	3,186	1,243,891
	1999	3,033,192	1,213,470	140,897	2,629	1,376,597
	2004 *	3,278,647	1,316,791	154,150	2,560	1,495,816
	2009 *	3,513,211	1,413,612	166,778	2,560	1,608,026
Gulf Power Company	1990	628,188	255,129	33,957	247	289,400
	1994	669,113	278,215	39,989	280	318,578
	1999	743,501	312,283	47,292	251	360,113
	2004 *	801,774	344,126	53,531	295	398,284
	2009 *	865,811	373,177	58,845	310	432,704
Tampa Electric Company	1990	834,054	401,172	50,287	518	455,672
	1994	879,069	427,594	53,482	511	485,698
	1999	954,758	477,533	60,089	740	543,661
	2004 *	1,030,584	525,339	65,159	926	597,211
	2009 *	1,092,053	562,755	70,118	1,051	640,173

*Projected

SOURCE: Individual Ten-Year Site Plans

PRICES

TABLE 37
PRICE OF RESIDENTIAL SERVICE*
DECEMBER 31, 1999

INVESTOR-OWNED UTILITIES	MINIMUM BILL OR CUSTOMER CHARGE**	100 KWH	250 KWH	500 KWH	750 KWH	1000 KWH	1500 KWH
Florida Power & Light	$5.65	$11.89	$21.26	$36.86	$52.47	$70.57	$106.78
Florida Power Corporation**	8.85	16.24	27.33	45.81	64.28	82.76	119.72
Tampa Electric Company**	8.50	15.34	25.60	42.71	59.81	76.91	111.12
Gulf Power Company	8.07	13.40	21.40	34.74	48.07	61.40	88.07
Florida Public Utilities Company							
Marianna Division	8.30	13.62	21.60	34.90	48.19	61.49	88.09
Fernandina Beach Division	7.00	11.99	19.48	31.97	44.45	56.93	81.90

*Excluding local taxes. Full year fuel costs are included.
**Base rates include 1.5% gross receipts tax except for FPC and TECO, which removed it from base rates in their last rate cases.

SOURCE: 1999 FPSC Comparative Rate Statistics

TABLE 37 (continued)
PRICE OF RESIDENTIAL SERVICE*
DECEMBER 31, 1999

MUNICIPAL UTILITIES	MINIMUM BILL OR CUSTOMER CHARGE	100 KWH	250 KWH	500 KWH	750 KWH	1000 KWH	1500 KWH
Alachua	$8.00	$16.38	$28.95	$49.90	$70.85	$91.80	$133.70
Bartow	6.60	14.63	26.68	46.76	66.84	86.92	127.08
Blountstown	3.50	10.80	21.76	40.02	58.28	76.54	113.06
Bushnell	6.75	14.24	25.49	44.22	62.96	81.69	119.16
Chattahoochee	4.50	11.36	21.65	38.80	55.95	73.10	107.40
Clewiston	6.50	12.28	20.95	40.40	57.35	74.30	108.20
Fort Meade	12.96	20.75	32.44	51.91	71.39	90.86	129.81
Fort Pierce	5.35	12.89	24.21	43.07	61.93	80.79	118.51
Gainesville	4.90	11.80	22.15	39.40	56.65	75.05	111.85
Green Cove Springs	6.00	13.51	24.77	43.55	62.32	81.09	118.64
Havana	6.00	14.71	27.79	49.57	71.36	93.14	136.71
Homestead	5.50	12.67	23.42	41.34	59.25	77.17	113.01
Jacksonville	5.50	11.77	21.16	36.83	52.49	68.15	99.48
Jacksonville Beach	4.50	11.98	23.20	41.90	60.60	79.30	116.70
Key West	5.50	13.54	25.60	45.70	65.80	85.90	126.10
Kissimmee	4.40	11.87	23.08	41.76	60.44	79.12	116.48
Lake Worth	2.78	10.96	23.24	43.70	64.16	84.62	125.54
Lakeland	3.94	11.16	21.98	40.02	58.06	76.10	112.18
Leesburg	5.00	12.20	22.99	40.98	58.96	76.95	112.93
Moore Haven	8.50	15.15	25.13	41.75	58.38	75.00	108.25
Mount Dora	4.94	12.98	25.04	45.14	65.24	85.34	125.54
New Smyrna Beach	5.65	12.97	23.94	42.24	60.53	78.82	115.41
Newberry	7.50	15.54	27.59	47.68	67.77	87.86	128.04
Ocala	7.00	14.11	24.76	42.53	60.29	78.05	113.58
Orlando	6.00	13.15	23.87	41.74	59.60	77.47	113.21
Quincy	2.40	10.27	22.07	41.73	61.40	81.06	120.39
Reedy Creek	2.85	9.21	18.76	34.66	50.57	66.47	98.28
Starke	6.45	13.11	23.10	39.75	56.40	73.05	117.35
St.Cloud	6.36	13.94	25.30	44.24	63.18	82.12	120.00
Tallahassee	4.94	13.39	26.07	47.19	68.32	89.44	131.69
Vero Beach	7.00	14.26	25.15	43.30	61.45	79.60	115.90
Wauchula	8.62	16.63	28.64	48.65	68.67	88.68	128.71
Williston	6.00	14.18	26.46	46.92	67.38	87.84	128.76

*Excluding local taxes/December 1999 fuel costs and Purchased Power Costs are included.

SOURCE: 1999 FPSC Comparative Rate Statistics

TABLE 37 (continued)
PRICE OF RESIDENTIAL SERVICE*
DECEMBER 31, 1999

COOPERATIVE UTILITIES	MINIMUM BILL OR CUSTOMER CHARGE	100 KWH	250 KWH	500 KWH	750 KWH	1000 KWH	1500 KWH
Central Florida	$8.50	$15.65	$26.38	$44.25	$62.13	$80.00	$115.75
Choctawhatchee	12.32	18.50	27.77	43.22	58.67	74.13	105.03
Clay	9.00	15.27	24.68	40.35	56.03	71.70	108.05
Escambia River	7.00	13.88	24.20	41.40	58.60	75.80	110.20
Florida Keys	7.00	14.60	25.99	44.98	63.96	82.95	120.93
Glades	10.50	18.30	30.00	49.50	69.00	88.50	127.50
Gulf Coast	10.00	16.70	26.75	43.50	60.25	77.00	110.50
Lee County	5.00	12.16	22.90	40.80	58.70	76.60	112.40
Okefenoke	10.00	17.10	27.75	45.50	63.25	81.00	116.49
Peace River	10.50	18.79	31.23	51.96	72.68	93.41	134.87
Sumter	8.25	15.40	26.13	44.00	61.88	79.75	115.50
Suwannee Valley	8.73	14.83	23.98	39.23	54.48	69.73	100.23
Talquin	8.00	14.80	25.00	42.00	59.00	76.00	110.00
Tri-County	10.00	17.75	29.38	48.75	68.13	87.50	126.25
West Florida	8.00	15.15	25.86	43.73	61.59	79.45	115.18
Withlacoochee River	9.75	16.22	25.93	42.11	58.29	74.47	106.83

*Excluding local taxes/December 1999 fuel costs are included. Base rates include 1.5% gross receipts tax.

SOURCE: 1999 FPSC Comparative Rate Statistics

TABLE 38
PRICE OF COMMERCIAL AND INDUSTRIAL SERVICE*
DECEMBER 31, 1999

INVESTOR-OWNED UTILITIES	75 KW 15,000 KWH	150 KW 45,000 KWH	500 KW 150,000 KWH	1,000 KW 400,000 KWH	2,000 KW 800,000 KWH
Florida Power & Light	$991.93	$2,822.95	$9,127.00	$21,567.00	$43,042.00
Florida Power Corporation**	971.55	2,606.25	8,660.20	21,807.70	43,603.70
Tampa Electric Company**	1,150.35	2,823.30	9,313.00	22,461.00	44,667.00
Gulf Power Company	844.50	2,110.80	7,865.98	17,740.98	35,254.98
Florida Public Utilities Company					
Marianna Division	777.10	2,063.80	6,777.25	17,199.75	34,355.75
Fernandina Beach Division	749.15	2,038.70	6,707.00	17,232.00	34,426.00

*Excluding local taxes. Full year fuel costs are included.
**Base rates include 1.5% gross receipts tax except for FPC and TECO, who removed it from base rates in their last rate cases.

SOURCE: 1999 FPSC Comparative Rate Statistics

TABLE 38 (continued)
PRICE OF COMMERCIAL AND INDUSTRIAL SERVICE*
DECEMBER 31, 1999

MUNICIPAL UTILITIES	75 KW 15,000 KWH	150 KW 45,000 KWH	500 KW 150,000 KWH	1,000 KW 400,000 KWH	2,000 KW 800,000 KWH
Alachua	$1,392.75	$3,687.00	$12,237.50	$30,612.50	$61,202.50
Bartow	1,584.70	4,086.70	13,578.70	33,378.70	66,738.70
Blountstown	1,234.00	3,688.00	12,277.00	32,727.00	65,447.00
Bushnell	1,397.90	3,642.20	12,092.25	29,944.75	59,868.75
Chattahoochee	1,147.00	3,529.53	11,765.10	29,700.20	59,400.40
Clewiston	1,247.00	3,401.00	11,255.00	28,755.00	57,475.00
Fort Meade	1,599.78	3,914.60	12,839.60	30,949.60	61,809.60
Fort Pierce	1,235.00	3,185.00	10,535.00	26,035.00	52,035.00
Gainesville	1,163.32	3,108.82	10,325.82	22,580.84	45,100.84
Green Cove Springs	1,361.35	3,509.05	11,638.50	22,761.00	31,397.00
Havana	1,313.10	3,927.30	13,077.00	34,862.00	69,718.00
Homestead	1,232.80	3,299.65	11,080.50	27,523.00	55,081.00
Jacksonville	1,016.00	2,550.50	8,385.00	20,450.00	40,700.00
Jacksonville Beach	1,610.75	4,162.25	13,836.25	34,036.25	68,056.25
Key West	1,477.25	3,911.00	12,993.50	32,468.50	64,918.50
Kissimmee	1,296.65	3,177.95	10,931.55	25,209.05	50,373.05
Lake Worth	1,536.24	4,081.26	13,575.08	33,946.08	67,879.68
Lakeland	1,114.80	2,947.65	10,208.30	24,178.30	47,980.30
Leesburg	1,346.75	3,406.25	11,314.50	27,477.00	54,937.00
Moore Haven	1,376.25	3,465.00	11,480.00	27,880.00	55,730.00
Mount Dora	1,127.82	2,983.32	9,909.82	24,754.82	49,494.82
New Smyrna Beach	1,314.95	3,465.35	11,473.00	28,705.50	57,377.50
Newberry	1,521.90	3,785.70	12,584.00	30,199.00	60,383.00
Ocala	1,110.00	2,841.75	9,423.50	23,111.00	46,201.00
Orlando	1,122.15	2,811.45	9,336.50	22,539.00	45,063.00
Quincy	1,089.00	2,868.60	9,420.95	23,788.45	46,468.45
Reedy Creek	1,176.35	2,886.80	9,576.00	22,826.00	45,632.00
Starke	1,338.00	3,996.00	13,299.00	35,449.00	70,889.00
St.Cloud	1,212.60	3,068.55	10,190.00	24,762.50	49,508.50
Tallahassee	1,310.80	3,308.65	10,890.50	26,558.00	53,076.00
Vero Beach	1,173.00	3,169.50	10,463.50	26,588.50	53,108.50
Wauchula	1,495.50	3,948.20	13,009.00	32,759.00	65,453.00
Williston	1,381.55	3,735.65	12,200.00	30,450.00	62,793.00

*Excluding local taxes/December 1999 fuel and Purchased Power Costs are included.

SOURCE: 1999 FPSC Comparative Rate Statistics

TABLE 38 (continued)
PRICE OF COMMERCIAL AND INDUSTRIAL SERVICE*
DECEMBER 31, 1999

COOPERATIVE UTILITIES	75 KW 15,000 KWH	150 KW 45,000 KWH	500 KW 150,000 KWH	1,000 KW 400,000 KWH	2,000 KW 800,000 KWH
Central Florida	$1,287.50	$3,215.00	$10,600.00	$25,350.00	$50,650.00
Choctawhatchee	1,036.91	2,715.59	9,365.40	20,974.40	41,448.80
Clay	1,044.25	2,734.00	8,985.00	22,585.00	43,510.00
Escambia River	1,202.50	3,115.00	10,290.00	25,540.00	51,040.00
Florida Keys	1,111.90	3,233.95	10,901.75	28,241.75	56,535.75
Glades	1,511.25	4,192.50	13,375.00	32,375.00	64,575.00
Gulf Coast	1,024.52	2,749.55	9,137.15	23,012.40	46,012.80
Lee County	1,074.00	2,817.00	9,930.00	23,855.00	47,695.00
Okefenoke	1,202.44	2,934.82	9,549.40	23,198.40	46,296.80
Peace River	1,196.15	3,045.95	10,036.50	24,714.00	49,378.00
Sumter	1,212.50	3,042.50	10,025.00	23,650.00	47,250.00
Suwannee Valley	1,178.05	2,990.05	9,871.05	24,201.05	48,361.05
Talquin	1,036.00	2,743.00	9,330.00	20,280.00	40,260.00
Tri-County	1,292.50	3,122.50	10,175.00	24,500.00	48,900.00
West Florida	1,056.95	2,620.85	8,619.50	20,902.00	41,754.00
Withlacoochee River	989.43	2,506.53	8,297.63	20,252.63	40,480.63

*Excluding local taxes. December 1999 fuel costs are included.

SOURCE: 1999 FPSC Comparative Rate Statistics

ECONOMIC AND FINANCIAL INDICATORS

TABLE 39
POPULATION ESTIMATES
1990-1999
(000s)

YEAR	FLORIDA POPULATION	NATIONAL POPULATION
1990	13,018	249,464
1991	13,289	252,153
1992	13,505	255,030
1993	13,714	257,783
1994	13,962	260,327
1995	14,185	262,803
1996	14,227	265,229
1997	14,683	267,784
1998	14,908	270,248
1999	15,111	272,691

TABLE 40
POPULATION PROJECTIONS
2000-2025
(000s)

YEAR	FLORIDA POPULATION	NATIONAL POPULATION
2000	15,233	275,306
2005	16,279	287,716
2015	18,497	312,268
2025	20,710	337,815

SOURCE: U.S. Census Bureau, Washington D.C. 20233
(www.census.gov/population/estimates/state/st-99-3.txt)
(www.census.gov/population/projections/state/stpjpop.txt)
(www.census.gov/population/projections/nation/summary/np-t1.pdf)

TABLE 41
CONSUMER PRICE INDEX
ALL URBAN CONSUMERS
ANNUAL RATE OF CHANGE
1990-1999

YEAR	ALL URBAN CONSUMERS
1990	5.4%
1991	4.2%
1992	3.0%
1993	3.0%
1994	2.6%
1995	2.8%
1996	3.0%
1997	2.3%
1998	1.6%
1999	2.2%

TABLE 42
CONSUMER PRICE INDEX
FOR ALL ITEMS AND FUEL AND OTHER UTILITIES
1990-1999

YEAR*	ALL ITEMS	FUEL AND OTHER UTILITIES
1990	130.7	111.6
1991	136.2	115.3
1992	140.3	117.8
1993	144.5	121.3
1994	148.2	122.8
1995	152.4	123.7
1996	156.9	127.5
1997	160.5	130.8
1998	163.0	128.5
1999	166.6	127.0

*Not seasonally adjusted.
1982-84 = 100

SOURCE: ECONOMIC INDICATORS, January 2000, Council of Advisers, United States Government Printing Office (www.gpo.ucop.edu/catalog/econind.html)

TABLE 43
PRODUCER PRICE INDEX
TOTAL FINISHED GOODS AND CAPITAL EQUIPMENT
1990-1999

YEAR	FINISHED GOODS	CAPITAL EQUIPMENT
1990	119.2	122.9
1991	121.7	126.7
1992	123.2	129.1
1993	124.7	131.4
1994	125.5	134.1
1995	127.9	136.7
1996	131.3	138.3
1997	131.8	138.2
1998	130.7	137.6
1999	133.1	137.6

1982 = 100

SOURCE: ECONOMIC INDICATORS, January 2000, Council of Advisers,
United States Government Printing Office
(www.gpo.ucop.edu/catalog/econind.html)

GLOSSARY OF ELECTRIC UTILITY TERMS

ABBREVIATIONS AND TERMINOLOGY

The following abbreviations are used frequently throughout this report and are presented now for use in interpreting the data.

EIA - Energy Information Administration
EDC - Florida Energy Data Center
EEI - Edison Electric Institute
FCG - Florida Electric Power Coordinating Group, Inc.
FERC - Federal Energy Regulatory Commission (formerly FPC)
FPC - Federal Power Commission
FPSC - Florida Public Service Commission
FRCC - Florida Reliability Coordinating Council (formerly FCG)
GEO - Governor's Energy Office, formerly SEO
SEO - State Energy Office

BBL - Barrel - 42 gallons
BTU - British Thermal Unit
ECS - Extended Cold Standby
IC & GT - Internal Combustion and Gas Turbine
KG - Kilogram
KWH - 3,413 BTUs
MCF - Thousands of Cubic Feet
SH TON - Short Ton - 2,000 pounds
THERM - 100,000 BTUs

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

Utility

FPC - Florida Power Corporation
FPL - Florida Power & Light Company
FTP - Fort Pierce Utilities Authority
GPC - Gulf Power Company
GRU - Gainesville Regional Utilities
HST - City of Homestead
JEA - Jacksonville Electric Authority
KEY - City of Key West
KUA - Kissimmee Utility Authority
LAK - City of Lakeland
LWU - Lake Worth Utilities Authority
NSB - New Smyrna Beach Utilities Commission
OUC - Orlando Utilities Commission
SEB - Sebring Utilities Commission
SEC - Seminole Electric Cooperative
SPA - Southeastern Power Administration
STC - City of St. Cloud
STK - City of Starke
TEC - Tampa Electric Company
TAL - City of Tallahassee
VER - Vero Beach Municipal Utilities

OTH - Other
XXX - Other joint participant utility not listed above

Unit Number (U)

r - Retirement
c - Change or modification of unit

Unit Type (T)

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

Primary Fuel (F)

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

Capability

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

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

LOAD FACTOR FORMULA

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

where:

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

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

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

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

GLOSSARY OF ELECTRIC UTILITY TERMS

AVERAGE ANNUAL KWH USE PER CUSTOMER - Annual kilowatt-hour sales of a class of service (see CLASSES OF ELECTRIC SERVICE for list) divided by the average number of customers for the same 12-month period (usually refers to all residential customers, including those with electric space heating). A customer with two or more meters at the same location because of special services, such as water heating, etc., is counted as one customer.

BTU (BRITISH THERMAL UNIT) - The standard unit for measuring quantity of heat energy, such as the heat content of fuel. It is the amount of heat energy necessary to raise the temperature of one pound of water one degree Fahrenheit.

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

BTU PER KILOWATT-HOUR - See **HEAT RATE.**

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

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

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

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

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

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

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

CAPABILITY MARGIN - 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. On a regional or national basis, it is the difference between aggregate net system capability of the various systems in the region or nation and the sum of system maximum (peak) loads of the several systems. However, within a region, account is taken of diversity between peak loads of systems that are operated as a closely coordinated group.

CAPACITY - The load for which a generating unit, generating station, or other electrical apparatus is rated either by the user or by the manufacturer. See also **NAMEPLATE RATING.**

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

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

Installed Generating - See **NAMEPLATE RATING.**

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

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

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

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

Margin of - See **CAPABILITY MARGIN.**

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

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

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

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

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

Sales to Ultimate Customers:*
- Residential
- 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 so classify such sales. Consequently, "Rural" is a rate classification rather than a customer classification and since it is frequently confused with "Farm Service" (a type of Residential and/or Commercial service), the "Rural" classification has been generally discontinued as a customer classification.

CLASSES OF ELECTRIC SYSTEMS - Federal Power Commission groupings (as of 1968) of operating systems based on volume and kinds of electric output for the purpose of reporting power system operations.

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), initial bills of customers during such month only shall be counted; final bills should not be counted as customers.

Note 3: See also **ULTIMATE CUSTOMERS**.

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

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

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

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

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

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

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

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

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

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

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

ENERGY, ELECTRIC - As commonly used in the electric utility industry, electric energy means kilowatt-hours.

FUEL COSTS (MOST COMMONLY USED BY ELECTRIC UTILITY COMPANIES)

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

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

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

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

Oil - Average cost per barrel - 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 - This includes all types of fuel (solid, liquid, gaseous, and nuclear) used exclusively for the production of electric energy. Fuel for other purposes, such as building heating or steam sales is excluded.

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

GAS-FUEL COSTS - See **FUEL COSTS.**

GAS - MCF - 1,000 cubic feet of gas.

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

GENERATING STATION (GENERATING PLANT OR POWER PLANT) - A station at which are located prime movers, electric generators, and auxiliary equipment for converting mechanical, chemical, and/or nuclear energy into electric energy.

Atomic - See **NUCLEAR.**

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

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

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

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

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

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

Generating Station Capability - See **CAPABILITY, NET GENERATING STATION.**

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

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

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

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

GIGAWATT-HOUR (GWH) - One million kilowatt-hours, one thousand megawatt-hours, or one billion watt-hours.

HEAT RATE - A measure of generating station thermal efficiency, generally expressed in BTU per net kilowatt-hour. It is computed by dividing the total BTU content of fuel burned for electric generation by the resulting net kilowatt-hour generation.

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

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

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

INDUSTRIAL - See **COMMERCIAL AND INDUSTRIAL.**

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

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

KILOWATT-HOURS PER CAPITA - Net generation in the United States divided by national population, or the corresponding ratio for any other area.

LARGE LIGHT AND POWER - See **COMMERCIAL AND INDUSTRIAL.**

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

Average - See **DEMAND, AVERAGE.**

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

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

Peak - See **DEMAND, MAXIMUM** and also **DEMAND, INSTANTANEOUS PEAK.**

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

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

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

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

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

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

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

MARGIN OF RESERVE CAPACITY - See **CAPABILITY MARGIN.**

MAXIMUM DEMAND - See **DEMAND, MAXIMUM.**

MAXIMUM LOAD - See **DEMAND, MAXIMUM.**

MEGAWATT (MW) - 1,000 kilowatts. See **WATT.**

MEGAWATT-HOUR (MWH) - 1,000 kilowatt-hours. See **KILOWATT-HOURS.**

MUNICIPALLY-OWNED ELECTRIC SYSTEM - An electric utility system owned and/or operated by a municipality engaged in serving residential, commercial, and/or industrial customers, usually, but not always, within the boundaries of the municipality.

NAMEPLATE RATING - The full-load continuous rating of a generator, prime mover, or other electrical equipment under specified conditions as designated by the manufacturer. It is usually indicated on a nameplate attached to the individual machine or device. The nameplate rating of a steam electric turbine-generator 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 the purposes of lighting streets, highways, parks, and other public places, or for traffic or other signal service, for municipalities or other divisions or agencies of federal or state governments.

PUBLICLY OWNED ELECTRIC UTILITIES (GOVERNMENT-OWNED ELECTRIC UTILITIES AND AGENCIES) - When used in statistical tables to indicate class of ownership, it includes municipally-owned electric systems and federal and state public power projects. Cooperatives are not included in this grouping.

RESERVE CAPACITY - See **CAPACITY.**

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

RURAL - A rate classification covering electric energy supplied to rural and farm customers under distinct rural rates. See **CLASSES OF ELECTRIC SERVICE.**

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

SERVICE AREA - Territory in which a utility system is required or has the right to supply electric service to ultimate customers.

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

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

SYSTEM, ELECTRIC - The physically connected generation, transmission, distribution, and other facilities operated as an integral unit under one control, management, or operating supervision.

SYSTEM LOAD - See **DEMAND.**

SYSTEM LOSS - See **LOSS (LOSSES).**

THERM - 100,000 BTUs. See **BTU (BRITISH THERMAL UNIT).**

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

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

ULTIMATE CUSTOMERS - Those customers purchasing electricity for their own use and not for resale. See **CLASSES OF ELECTRIC SERVICE.**

USES AND LOSSES - "Uses" refers to the electricity used by the electric companies for their own purposes and "losses" refers to transmission losses.

UTILITY RATE STRUCTURE - A utility's approved schedule of charges for billing utility service rendered to various classes of its customers.

VOLT-AMPERE - The basic unit of Apparent Power. The volt-amperes of an electric circuit are the mathematical product of the volts and amperes of the circuit.

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

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

SOURCES: Edison Electric Institute
Florida Electric Power Coordinating Group, Inc.
Florida Governor's Energy Office