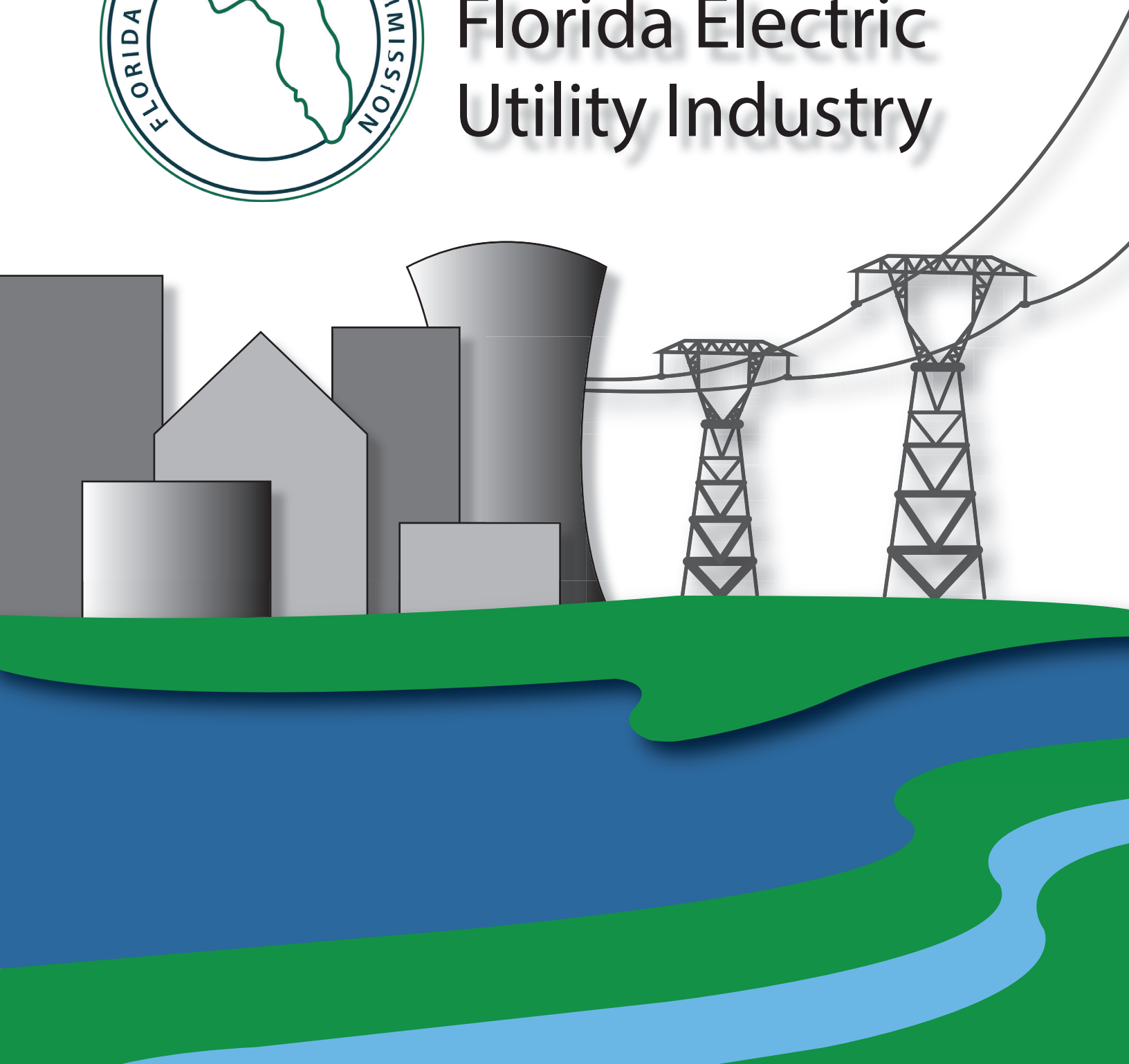
STATISTICS OF THE

Florida Electric Utility Industry



Published October 2024

Statistics of the
Florida Electric Utility Industry
2023

In partial fulfillment of Section 377.703, Florida Statutes, this publication provides a single comprehensive source of statistics on Florida's electric utility industry. Information was compiled from various sources: filings made with, and reports prepared by, the Florida Public Service Commission; the Florida Reliability Coordinating Council (FRCC); the Office of Economic & Demographic Research; the U.S. Census Bureau; the U.S. Government Publishing Office; the U.S. Department of Labor; and data provided by the Florida electric utilities. The Florida Public Service Commission has not audited the data for accuracy.

This report was compiled by the Florida Public Service Commission
Office of Industry Development and Market Analysis

Contents

Continued

Acronyms, Abbreviations, and Formulas

The following acronyms, abbreviations, and formulas are used in this report:

AFUDC	Allowance for Funds Used During Construction
AC	Alternating Current
EIA	Energy Information Administration
EEI	Edison Electric Institute
FCG	Florida Electric Power Coordinating Group, Inc.
FERC	Federal Energy Regulatory Commission (f/k/a FPC)
FPC	Federal Power Commission
FPSC	Florida Public Service Commission
FRCC	Florida Reliability Coordinating Council (f/k/a FCG)

BBL	Barrel (42 gallons)
BTU	British Thermal Unit
ECS	Extended Cold Standby
IC & GT	Internal Combustion and Gas Turbine
MCF	= 1,000 cubic feet
SH-TON	Short ton (2,000 pounds)
THERM	100,000 BTUs

Kilowatt (kW) = 1,000 watts
Megawatt (MW) = 1,000 kilowatts
Gigawatt (GW) = 1,000 megawatts
Kilowatt-Hours (kWh) = 1,000 watt-hours
Megawatt-Hours (MWh) = 1,000 kilowatt-hours
Gigawatt-Hours (GWh) = 1,000 megawatt-hours

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

Continued

Acronyms, Abbreviations, and Formulas

Capability

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

Net summer and winter continuous capacity and generator maximum nameplate rating.

Load Factor Formula

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

Where:

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

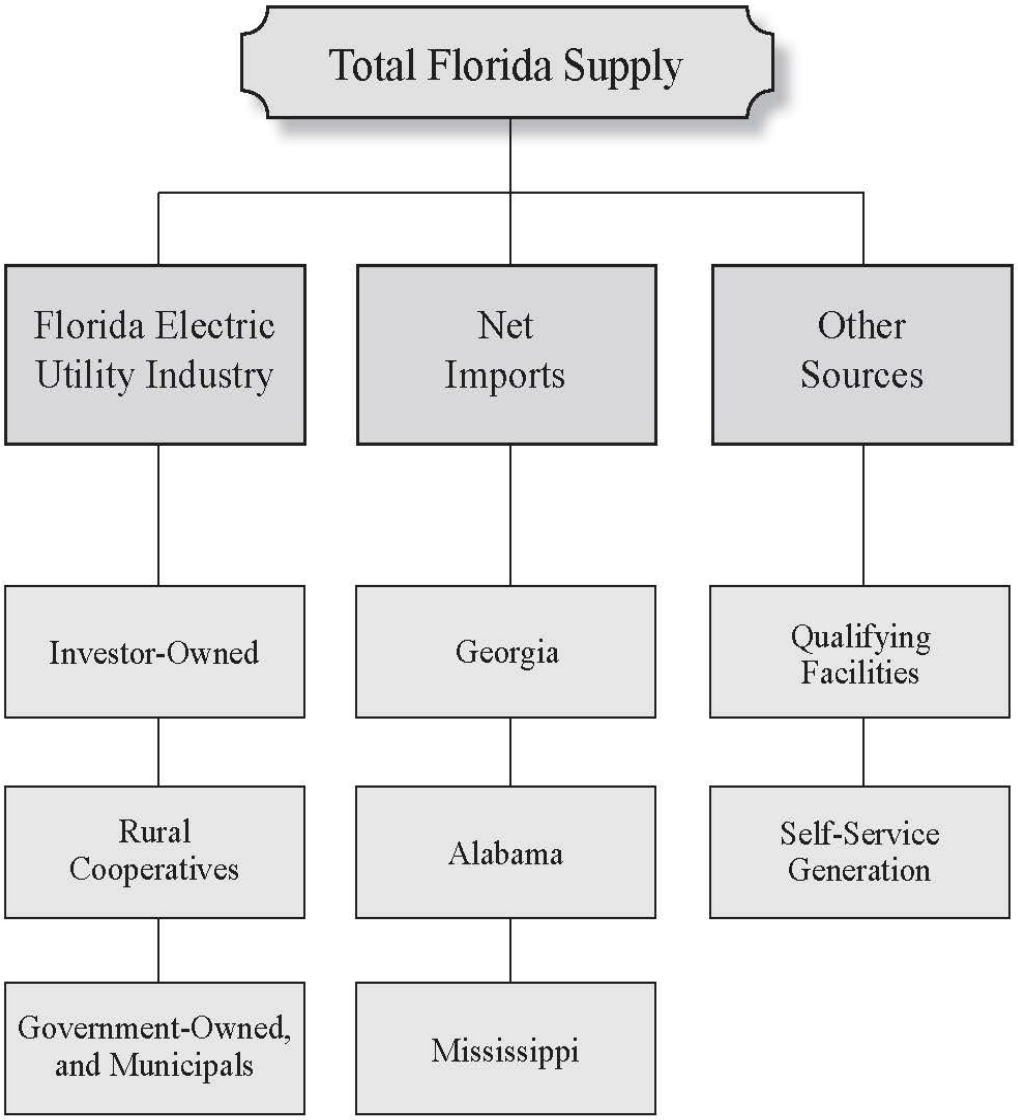
Peak Load = That 60 minute demand interval for which gross generated MWh was highest for the year.

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

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

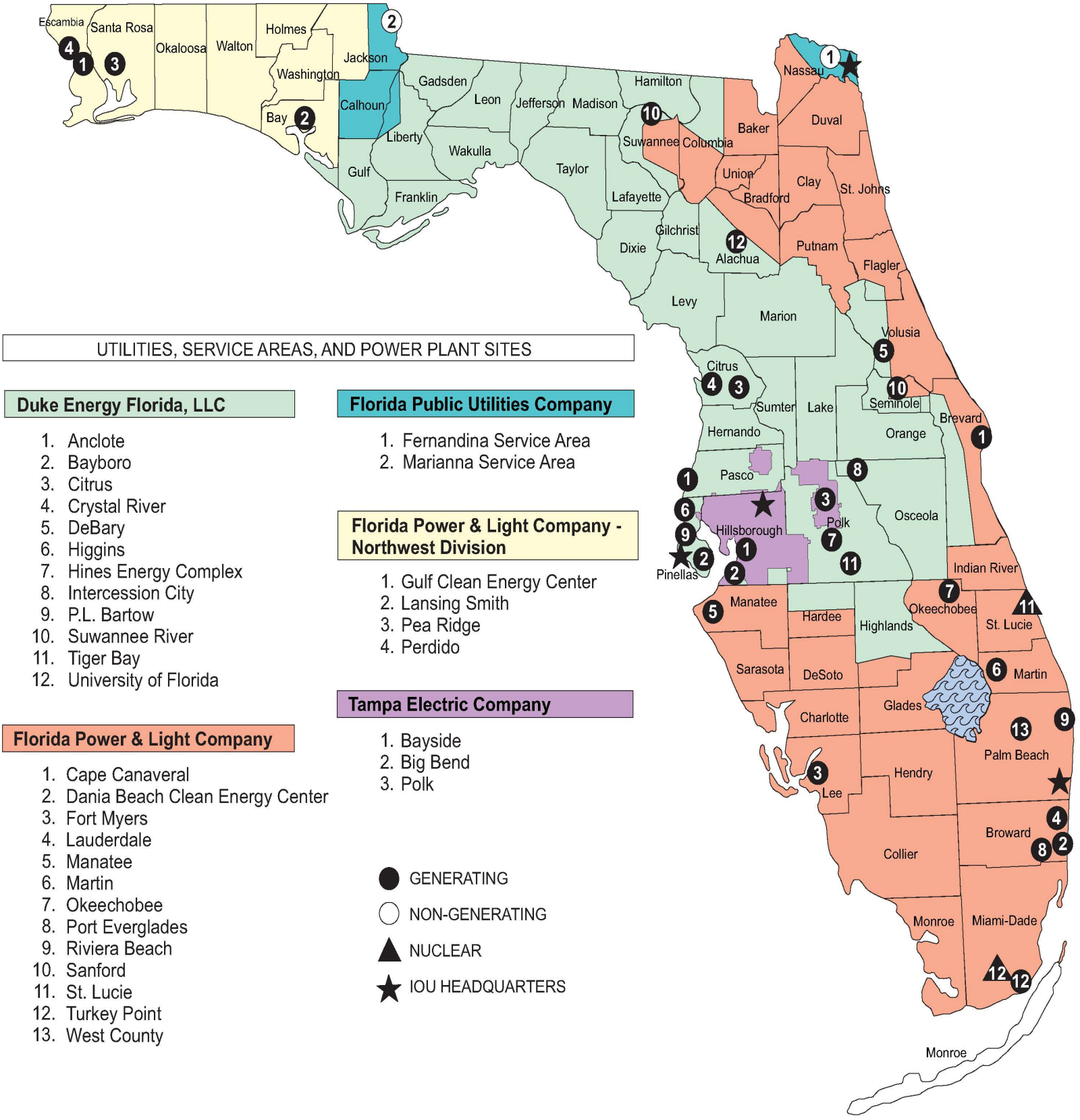
Overview

Florida Sources of Electricity by Type of Ownership



Investor-Owned Electric

2023



UTILITIES, SERVICE AREAS, AND POWER PLANT SITES

Duke Energy Florida, LLC

1. Anclote
2. Bayboro
3. Citrus
4. Crystal River
5. DeBary
6. Higgins
7. Hines Energy Complex
8. Intercession City
9. P.L. Bartow
10. Suwannee River
11. Tiger Bay
12. University of Florida

Florida Power & Light Company

1. Cape Canaveral
2. Dania Beach Clean Energy Center
3. Fort Myers
4. Lauderdale
5. Manatee
6. Martin
7. Okeechobee
8. Port Everglades
9. Riviera Beach
10. Sanford
11. St. Lucie
12. Turkey Point
13. West County

Florida Public Utilities Company

1. Fernandina Service Area
2. Marianna Service Area

Florida Power & Light Company - Northwest Division

1. Gulf Clean Energy Center
2. Lansing Smith
3. Pea Ridge
4. Perdido

Tampa Electric Company

1. Bayside
2. Big Bend
3. Polk

GENERATING

NON-GENERATING

NUCLEAR

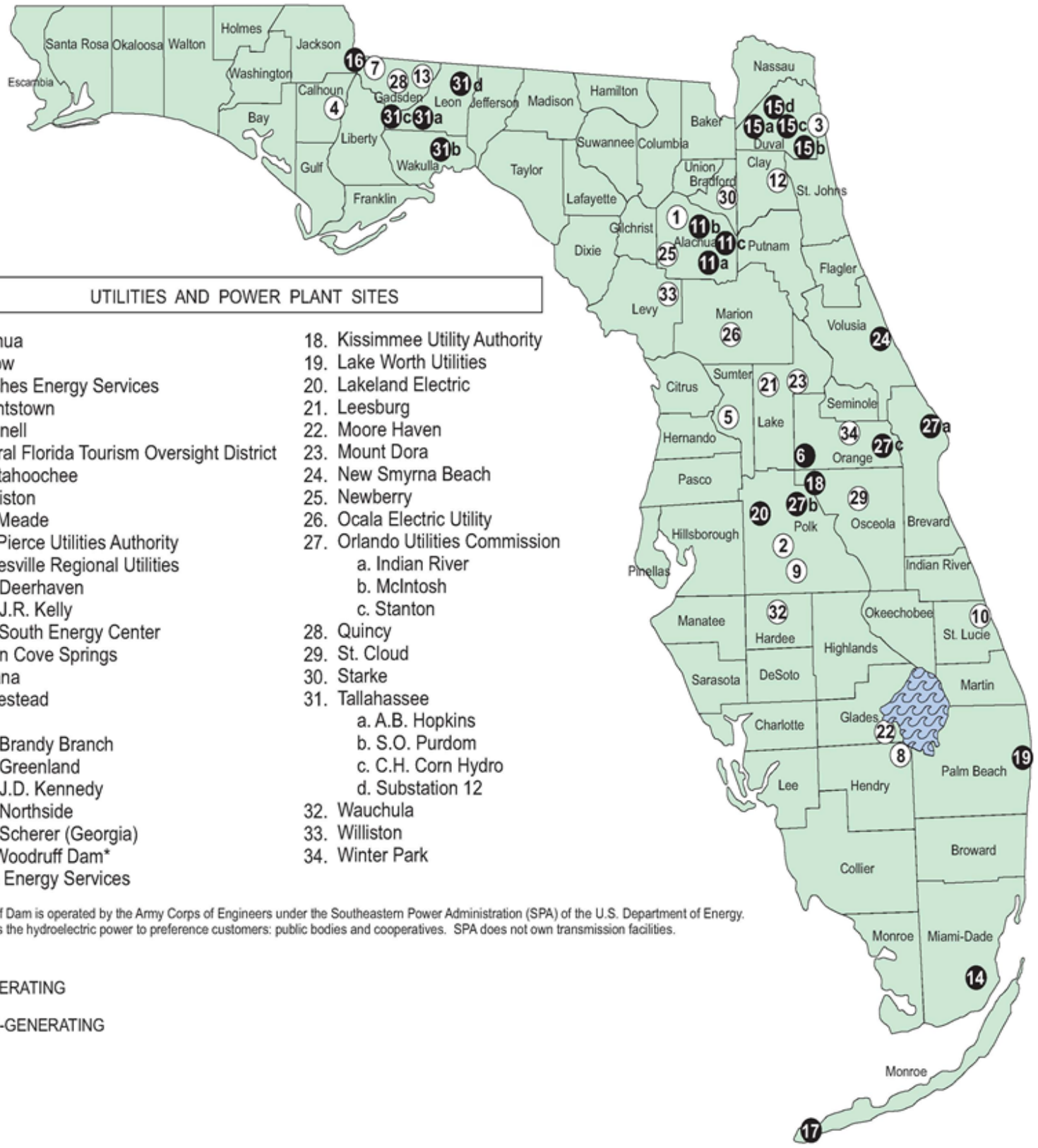
IOU HEADQUARTERS

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

Source: Florida Public Service Commission.

Municipal Electric

2023



UTILITIES AND POWER PLANT SITES

1. Alachua
2. Bartow
3. Beaches Energy Services
4. Blountstown
5. Bushnell
6. Central Florida Tourism Oversight District
7. Chattahoochee
8. Clewiston
9. Fort Meade
10. Fort Pierce Utilities Authority
11. Gainesville Regional Utilities
    a. Deerhaven
    b. J.R. Kelly
    c. South Energy Center
12. Green Cove Springs
13. Havana
14. Homestead
15. JEA
    a. Brandy Branch
    b. Greenland
    c. J.D. Kennedy
    d. Northside
    e. Scherer (Georgia)
16. Jim Woodruff Dam*
17. Keys Energy Services
18. Kissimmee Utility Authority
19. Lake Worth Utilities
20. Lakeland Electric
21. Leesburg
22. Moore Haven
23. Mount Dora
24. New Smyrna Beach
25. Newberry
26. Ocala Electric Utility
27. Orlando Utilities Commission
    a. Indian River
    b. McIntosh
    c. Stanton
28. Quincy
29. St. Cloud
30. Starke
31. Tallahassee
    a. A.B. Hopkins
    b. S.O. Purdom
    c. C.H. Corn Hydro
    d. Substation 12
32. Wauchula
33. Williston
34. Winter Park

* Jim Woodruff Dam is operated by the Army Corps of Engineers under the Southeastern Power Administration (SPA) of the U.S. Department of Energy. SPA markets the hydroelectric power to preference customers: public bodies and cooperatives. SPA does not own transmission facilities.

● GENERATING

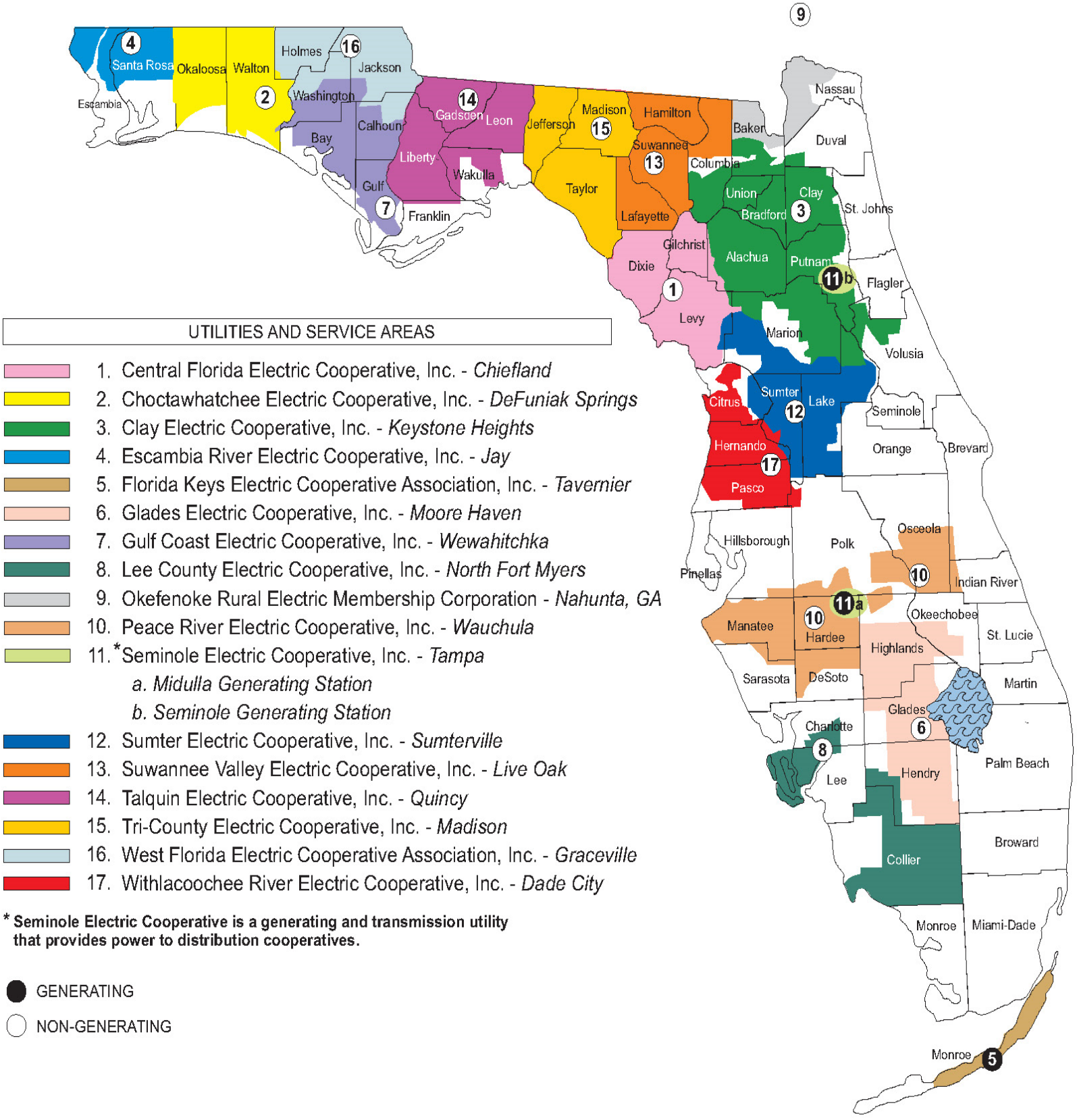
○ NON-GENERATING

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

Source: Florida Public Service Commission.

Rural Electric Cooperatives

2023

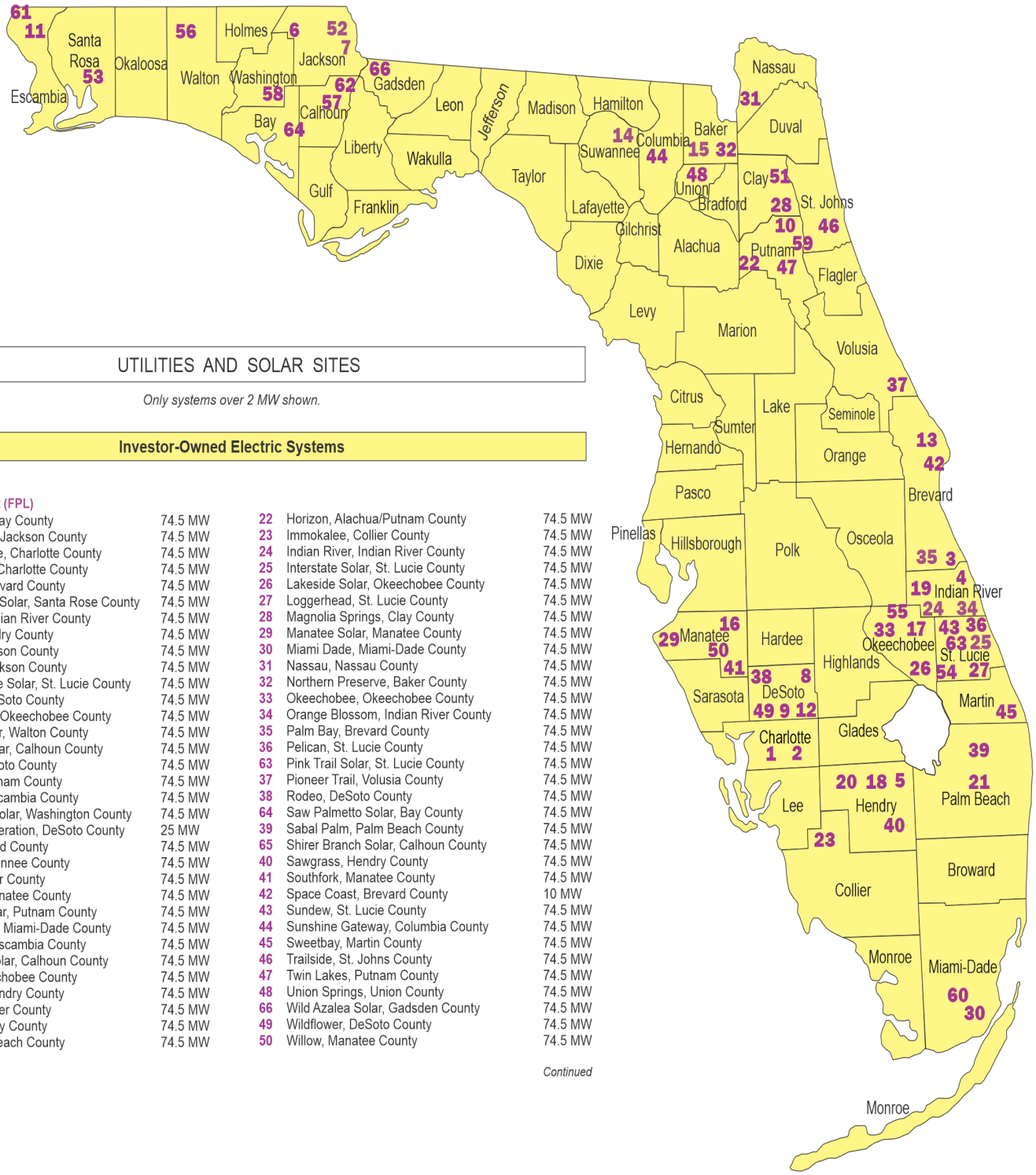


* Excludes solar generation. Service areas are approximations. Information on this map should be used only as a general guideline. For more detailed information, contact individual utilities.

Source: Public Service Commission

Florida Solar Electric

2023



UTILITIES AND SOLAR SITES

Only systems over 2 MW shown.

Investor-Owned Electric Systems

Florida Power & Light (FPL)

51	Anhinga Solar, Clay County	74.5 MW	22	Horizon, Alachua/Putnam County	74.5 MW
52	Apalachee Solar, Jackson County	74.5 MW	23	Immokalee, Collier County	74.5 MW
1	Babcock Preserve, Charlotte County	74.5 MW	24	Indian River, Indian River County	74.5 MW
2	Babcock Ranch, Charlotte County	74.5 MW	25	Interstate Solar, St. Lucie County	74.5 MW
3	Barefoot Bay, Brevard County	74.5 MW	26	Lakeside Solar, Okeechobee County	74.5 MW
53	Blackwater River Solar, Santa Rose County	74.5 MW	27	Loggerhead, St. Lucie County	74.5 MW
4	Blue Cypress, Indian River County	74.5 MW	28	Magnolia Springs, Clay County	74.5 MW
5	Blue Heron, Hendry County	74.5 MW	29	Manatee Solar, Manatee County	74.5 MW
6	Blue Indigo, Jackson County	74.5 MW	30	Miami Dade, Miami-Dade County	74.5 MW
7	Blue Springs, Jackson County	74.5 MW	31	Nassau, Nassau County	74.5 MW
54	Bluefield Preserve Solar, St. Lucie County	74.5 MW	32	Northern Preserve, Baker County	74.5 MW
8	Cattle Ranch, DeSoto County	74.5 MW	33	Okeechobee, Okeechobee County	74.5 MW
55	Cavendish Solar, Okeechobee County	74.5 MW	34	Orange Blossom, Indian River County	74.5 MW
56	Chautauqua Solar, Walton County	74.5 MW	35	Palm Bay, Brevard County	74.5 MW
57	Chipola River Solar, Calhoun County	74.5 MW	36	Pelican, St. Lucie County	74.5 MW
9	Citrus Solar, DeSoto County	74.5 MW	63	Pink Trail Solar, St. Lucie County	74.5 MW
10	Coral Farms, Putnam County	74.5 MW	37	Pioneer Trail, Volusia County	74.5 MW
11	Cotton Creek, Escambia County	74.5 MW	38	Rodeo, DeSoto County	74.5 MW
58	Cyphress Pond Solar, Washington County	74.5 MW	64	Saw Palmetto Solar, Bay County	74.5 MW
12	Desoto Next Generation, DeSoto County	25 MW	39	Sabal Palm, Palm Beach County	74.5 MW
13	Discovery, Brevard County	74.5 MW	65	Shirer Branch Solar, Calhoun County	74.5 MW
14	Echo River, Suwannee County	74.5 MW	40	Sawgrass, Hendry County	74.5 MW
15	Egret Solar, Baker County	74.5 MW	41	Southfork, Manatee County	74.5 MW
16	Elder Branch, Manatee County	74.5 MW	42	Space Coast, Brevard County	10 MW
59	Etonia Creek Solar, Putnam County	74.5 MW	43	Sundew, St. Lucie County	74.5 MW
60	Everglades Solar, Miami-Dade County	74.5 MW	44	Sunshine Gateway, Columbia County	74.5 MW
61	First City Solar, Escambia County	74.5 MW	45	Sweetbay, Martin County	74.5 MW
62	Flowers Creek Solar, Calhoun County	74.5 MW	46	Trailside, St. Johns County	74.5 MW
17	Fort Drum, Okeechobee County	74.5 MW	47	Twin Lakes, Putnam County	74.5 MW
18	Ghost Orchid, Hendry County	74.5 MW	48	Union Springs, Union County	74.5 MW
19	Grove, Indian River County	74.5 MW	66	Wild Azalea Solar, Gadsden County	74.5 MW
20	Hammock, Hendry County	74.5 MW	49	Wildflower, DeSoto County	74.5 MW
21	Hibiscus, Palm Beach County	74.5 MW	50	Willow, Manatee County	74.5 MW

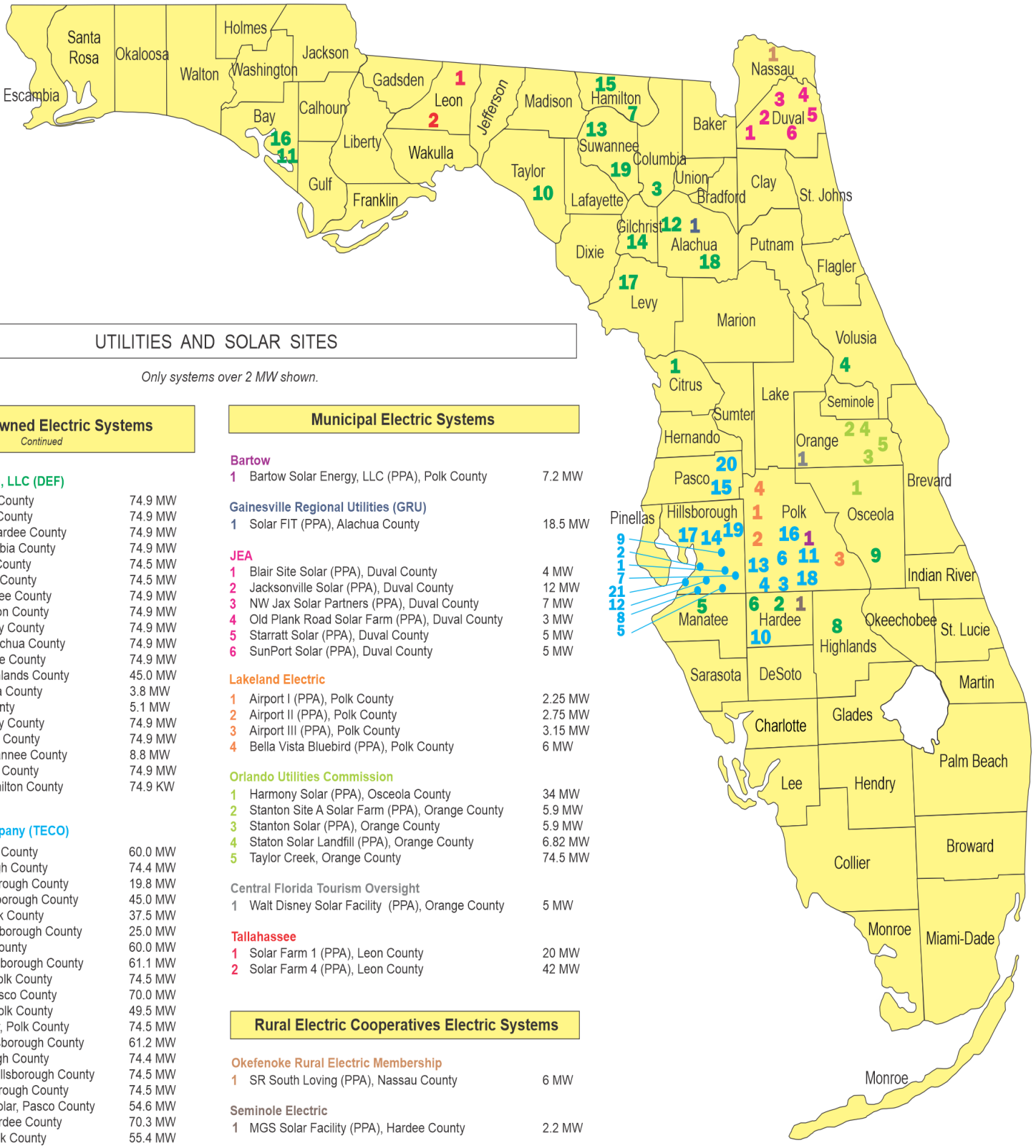
Continued

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

Source: Florida Public Service Commission.

Florida Solar Electric

2023



UTILITIES AND SOLAR SITES

Only systems over 2 MW shown.

Investor-Owned Electric Systems

Continued

Duke Energy Florida, LLC (DEF)

16	Bay Ranch, Bay County	74.9 MW
1	Bay Trail, Citrus County	74.9 MW
2	Charlie Creek, Hardee County	74.9 MW
3	Columbia, Columbia County	74.9 MW
4	Debary, Volusia County	74.5 MW
5	Duette, Manatee County	74.5 MW
6	Fort Green, Hardee County	74.9 MW
7	Hamilton, Hamilton County	74.9 MW
17	Hardeetown, Levy County	74.9 MW
18	High Springs, Alachua County	74.9 MW
19	Hildreth, Suwanee County	74.9 MW
8	Lake Placid, Highlands County	45.0 MW
9	Osceola, Osceola County	3.8 MW
10	Perry, Taylor County	5.1 MW
11	Sandy Creek, Bay County	74.9 MW
12	Santa Fe, Alacua County	74.9 MW
13	Suwannee, Suwannee County	8.8 MW
14	Trenton, Gilchrist County	74.9 MW
15	Twin Rivers, Hamilton County	74.9 KW

Tampa Electric Company (TECO)

13	Alafia Solar, Polk County	60.0 MW
1	Balm, Hillsborough County	74.4 MW
2	Big Bend, Hillsborough County	19.8 MW
17	Big Bend II, Hillsborough County	45.0 MW
3	Bonnie Mine, Polk County	37.5 MW
14	Dover Solar, Hillsborough County	25.0 MW
4	Durrance, Polk County	60.0 MW
5	Grange Hall, Hillsborough County	61.1 MW
18	Jamison Solar, Polk County	74.5 MW
15	Juniper Solar, Pasco County	70.0 MW
6	Lake Hancock, Polk County	49.5 MW
16	Lake Mabel Solar, Polk County	74.5 MW
19	Laurel Oaks, Hillsborough County	61.2 MW
7	Lithia, Hillsborough County	74.4 MW
8	Little Manatee, Hillsborough County	74.5 MW
9	Magnolia, Hillsborough County	74.5 MW
20	Mountain View Solar, Pasco County	54.6 MW
10	Payne Creek, Hardee County	70.3 MW
11	Peace Creek, Polk County	55.4 MW
21	Riverside Solar, Hillsborough County	55.2 MW
12	Wimauma, Hillsborough County	74.8 MW

Municipal Electric Systems

Bartow

1	Bartow Solar Energy, LLC (PPA), Polk County	7.2 MW

Gainesville Regional Utilities (GRU)

1	Solar FIT (PPA), Alachua County	18.5 MW

JEA

1	Blair Site Solar (PPA), Duval County	4 MW
2	Jacksonville Solar (PPA), Duval County	12 MW
3	NW Jax Solar Partners (PPA), Duval County	7 MW
4	Old Plank Road Solar Farm (PPA), Duval County	3 MW
5	Starratt Solar (PPA), Duval County	5 MW
6	SunPort Solar (PPA), Duval County	5 MW

Lakeland Electric

1	Airport I (PPA), Polk County	2.25 MW
2	Airport II (PPA), Polk County	2.75 MW
3	Airport III (PPA), Polk County	3.15 MW
4	Bella Vista Bluebird (PPA), Polk County	6 MW

Orlando Utilities Commission

1	Harmony Solar (PPA), Osceola County	34 MW
2	Stanton Site A Solar Farm (PPA), Orange County	5.9 MW
3	Stanton Solar (PPA), Orange County	5.9 MW
4	Staton Solar Landfill (PPA), Orange County	6.82 MW
5	Taylor Creek, Orange County	74.5 MW

Central Florida Tourism Oversight

1	Walt Disney Solar Facility (PPA), Orange County	5 MW

Tallahassee

1	Solar Farm 1 (PPA), Leon County	20 MW
2	Solar Farm 4 (PPA), Leon County	42 MW

Rural Electric Cooperatives Electric Systems

Okefenoke Rural Electric Membership

1	SR South Loving (PPA), Nassau County	6 MW

Seminole Electric

1	MGS Solar Facility (PPA), Hardee County	2.2 MW

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

Source: Florida Public Service Commission.

Florida Electric Utility Industry
2023

Investor-Owned

Duke Energy Florida, LLC
Florida Power & Light Company *
Florida Public Utilities Company
Tampa Electric Company

Generating Municipal

Central Florida Tourism Oversight District **
Florida Municipal Power Agency ***
Gainesville Regional Utilities
Homestead, City of
JEA (f/k/a Jacksonville Electric Authority)
Keys Energy Services (f/k/a Key West Utility Board)
Kissimmee Utility Authority
Lake Worth Utilities, City of
Lakeland Electric, City of
New Smyrna Beach, Utilities Commission of
Orlando Utilities Commission ^
Tallahassee, City of

Generating Rural Electric Cooperative

Florida Keys Electric Cooperative ^^
PowerSouth Energy ***
Seminole Electric Cooperative ***
USCE-Mobile District ***

Generating - Other

Southeastern Power Administration ***
(Jim Woodruff Dam)

Non-Generating Municipal

Alachua, City of
Bartow, City of
Beaches Energy Services (f/k/a City of Jacksonville Beach)
Blountstown, City of
Bushnell, City of
Chattahoochee, City of
Clewiston, City of
Fort Meade, City of
Fort Pierce Utilities Authority
Green Cove Springs, City of
Havana, Town of
Leesburg, City of
Moore Haven, City of
Mount Dora, City of
Newberry, City of
Ocala Electric Utility
Quincy, City of
Starke, City of
Wauchula, City of
Williston, City of
Winter Park, City of

Non-Generating Rural Electric Cooperative

Central Florida Electric Cooperative, Inc.
Choctawhatchee Electric Cooperative, Inc.
Clay Electric Cooperative, Inc.
Escambia River Electric Cooperative, Inc.
Glades Electric Cooperative, Inc.
Gulf Coast Electric Cooperative, Inc.
Lee County Electric Cooperative, Inc.
Okefenoke Rural Electric ^^^
Peace River Electric Cooperative, Inc.
Sumter Electric Cooperative, Inc.
Suwannee Valley Electric Cooperative, Inc.
Talquin Electric Cooperative, Inc.
Tri-County Electric Cooperative, Inc.
West Florida Electric Cooperative Association, Inc.
Withlacoochee River Electric Cooperative, Inc.

* Effective January 1, 2022, Gulf Power Company's data is consolidated with Florida Power & Light Company.

** Formerly known as Reedy Creek Improvement District.

*** Wholesale-only generating utility.

^ The City of St. Cloud is included in the figures of Orlando Utilities Commission.

^^ The Florida Keys Electric Cooperative has a standby unit.

^^^ Okefenoke sells power in Florida and Georgia.

Counties Served by Generating Electric Utilities
2023

Utility	County
Investor-Owned	
Duke Energy Florida, LLC	Alachua, Bay, Brevard, Citrus, Columbia, Dixie, Flagler, Franklin, Gadsden, Gilchrist, Gulf, Hamilton, Hardee, Hernando, Highlands, Jefferson, Lafayette, Lake, Leon, Levy, Liberty, Madison, Marion, Orange, Osceola, Pasco, Pinellas, Polk, Seminole, Sumter, Suwannee, Taylor, Volusia, Wakulla
Florida Power & Light Company *	Alachua, Baker, Bay, Bradford, Brevard, Broward, Charlotte, Clay, Collier, Columbia, DeSoto, Duval, Escambia, Flagler, Glades, Hardee, Hendry, Highlands, Holmes, Indian River, Jackson, Lee, Manatee, Martin, Miami-Dade, Monroe, Nassau, Okaloosa, Okeechobee, Palm Beach, Putnam, Santa Rosa, St. Johns, St. Lucie, Sarasota, Seminole, Suwannee, Union, Volusia, Walton, Washington
Tampa Electric Company	Hillsborough, Pasco, Pinellas, Polk
Municipal	
Central Florida Tourism Oversight District **	Orange, Osceola
Gainesville Regional Utilities	Alachua
Homestead	Miami-Dade
JEA	Clay, Duval, St. Johns
Keys Energy Services	Monroe
Kissimmee Utility Authority	Osceola
Lake Worth Utilities	Palm Beach
Lakeland Electric	Polk
New Smyrna Beach	Volusia
Orlando Utilities Commission ***	Orange, Osceola
Tallahassee	Leon
Rural Electric Cooperative	
Florida Keys Electric Cooperative ^	Monroe

* Effective January 1, 2022, Gulf Power Company's data is consolidated with Florida Power & Light Company.

** Formerly known as Reedy Creek Improvement District.

*** The City of St. Cloud is included in the figures of Orlando Utilities Commission.

^ The Florida Keys Electric Cooperative has a standby unit.

Counties Served by Non-Generating Electric Utilities
2023

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

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

Highlights of the Florida Electric Utility Industry
2019-2023

	2019	2020	2021	2022	2023
Total Installed Capacity (Megawatts) *	57,758	57,113	57,408	58,922	62,744
Installed Capacity by Fuel Type (Percentage)					
Natural Gas	62%	70%	64%	61%	66%
Solar	5	6	10	12	14
Coal	16	14	14	12	9
Nuclear	6	6	6	6	6
Other **	11	4	6	9	5
Total *	100%	100%	100%	100%	100%
Energy Sales (Gigawatt-hours)					
Residential	127,155	133,202	130,203	133,791	135,722
Commercial	86,831	83,101	84,732	87,206	88,558
Industrial	19,418	19,603	20,121	20,494	20,309
Other	7,171	6,417	6,449	6,638	6,536
Total	240,576	242,323	241,506	248,129	251,125
Number of Customers (Thousands)					
Residential	9,584	9,738	9,895	10,117	10,311
Commercial	1,176	1,186	1,206	1,224	1,234
Industrial	25	24	25	27	29
Other	153	156	159	163	167
Total	10,938	11,104	11,285	11,531	11,741
Average Residential Bill (1,000 kWh) ***	$112.28	$113.20	$126.08	$151.35	$132.27

* May not total due to rounding.

** Beginning in 2020, Non-utility generation (NUG) has been recategorized into Other. Other Also includes: oil, net interchange, non-solar renewables, and other.

*** Unweighted average of all utilities: investor-owned, municipal, and rural electric cooperative.

Source: Florida Public Service Commission, 2022 Statistics of the Florida Electric Utility Industry; Florida Public Service Commission, Review of Ten-Year Site Plan, Nov. 2023; Florida Reliability Coordinating Council, Regional Load and Resource Plan, State Supplement (July 2024), FRCC Form 1.0, p. S-7; Responses to staff data request.

Financial Statistics of Investor-Owned Utilities (IOUs)

Table 1

Rate of Return
2019-2023

	2019	2020	2021	2022	2023
Average per Book Rate of Return					
Duke Energy Florida, LLC	5.94%	6.11%	5.68%	5.84%	5.99%
Florida Power & Light Company *	7.45	7.44	7.51	7.31	7.75
Tampa Electric Company	6.23	6.47	5.90	6.35	5.97
Average Adjusted Rate of Return					
Duke Energy Florida, LLC	6.40%	6.43%	5.87%	6.34%	6.59%
Florida Power & Light Company *	6.81	6.84	6.87	6.97	7.36
Tampa Electric Company	6.36	6.48	5.82	6.76	6.64
**FPSC Authorized Rate of Return ** **					
Duke Energy Florida, LLC	6.27%	6.27%	6.32%	6.17%	6.44%
Florida Power & Light Company *	6.32	6.34	6.36	6.52	6.87
Tampa Electric Company	6.32	6.28	6.35	6.46	6.72
Adjusted Jurisdictional Year-End Rate Base (Millions)					
Duke Energy Florida, LLC	$13,662	$14,883	$16,029	$17,429	$18,770
Florida Power & Light Company *	40,897	45,314	48,850	58,279	62,740
Tampa Electric Company	6,556	6,849	7,353	8,392	9,128

* Effective January 1, 2022, Gulf Power Company's data is consolidated with Florida Power & Light Company.

** Average Capital Structure - Midpoint.

Source: Florida Public Service Commission, 2022 Statistics of the Florida Electric Utility Industry; Florida Public Service Commission, December 2023 Earnings Surveillance Report, Schedule 1.

Table 2

Sources of Revenue
(Percentage of Total Sales) *
2019-2023

	2019	2020	2021	2022	2023
Duke Energy Florida, LLC					
Residential	58.50%	60.86%	59.61%	56.94%	59.61%
Commercial	25.78	23.84	24.32	24.04	26.06
Industrial	5.25	5.19	5.27	5.40	5.57
Other **	6.60	6.03	6.25	6.13	6.50
Sales for Resale	3.87	4.07	4.55	7.49	2.25
Total	100%	100%	100%	100%	100%
Total Sales (Millions)	$4,838.13	$4,757.71	$4,868.10	$5,858.48	$6,586.00
Florida Power & Light Company * **					
Residential	57.26%	59.87%	58.10%	56.63%	59.30%
Commercial	35.71	33.44	34.60	33.86	33.84
Industrial	1.64	1.60	1.66	2.45	2.27
Other **	0.78	0.79	0.78	0.69	0.72
Sales for Resale	4.61	4.30	4.86	6.37	3.88
Total	100%	100%	100%	100%	100%
Total Sales (Millions)	$11,613.91	$11,115.20	$11,921.52	$16,468.32	$17,662.94
Tampa Electric Company					
Residential	53.57%	55.77%	54.30%	55.77%	57.56%
Commercial	28.78	27.72	28.26	26.92	27.00
Industrial	7.98	7.28	8.07	7.13	6.82
Other **	9.36	9.09	9.09	8.69	8.34
Sales for Resale	0.31	0.14	0.28	1.49	0.27
Total	100%	100%	100%	100%	100%
Total Sales (Millions)	$1,955.90	$1,828.98	$2,129.49	$2,475.56	$2,972.50

* May not total due to rounding.

** Other includes: NUG, oil, net interchange, non-solar renewables, and other.

*** Effective January 1, 2022, Gulf Power Company's data is consolidated with Florida Power & Light Company.

Source: Florida Public Service Commission, 2023 Annual Report, FERC Form No. 1, p. 300; Florida Public Service Commission, 2022 Statistics of the Florida Electric Utility Industry.

Table 3

Uses of Revenue
(Percentage of Total Operating Revenue) *
2019-2023

	2019	2020	2021	2022	2023
Duke Energy Florida, LLC					
Fuel	24.29%	21.69%	30.69%	42.05%	19.40%
Other Operation and Maintenance	31.31	32.81	31.99	29.11	26.25
Depreciation and Amortization	15.76	13.74	6.63	-0.41	23.93
Taxes Other Than Income Taxes	7.67	7.52	7.49	6.79	6.95
Income Taxes	2.70	3.66	3.64	3.42	3.68
Interest	5.85	5.87	5.67	5.39	5.60
Net Operating Income Less Interest	12.41	14.71	13.89	13.66	14.19
Total	100%	100%	100%	100%	100%
Total Operating Revenue (Millions)	$5,088.73	$5,043.41	$5,111.85	$6,204.03	$6,900.15
**Florida Power & Light Company ** **					
Fuel	24.44%	22.51%	30.50%	39.13%	18.39%
Other Operation and Maintenance	17.47	15.21	9.62	4.42	17.56
Depreciation and Amortization	18.23	16.93	13.51	14.22	18.84
Taxes Other Than Income Taxes	11.41	11.80	11.47	10.32	10.80
Income Taxes	3.56	5.25	6.11	5.66	5.58
Interest	4.95	5.22	4.79	4.55	6.16
Net Operating Income Less Interest	19.95	23.07	24.00	21.70	22.68
Total	100%	100%	100%	100%	100%
Total Operating Revenue (Millions)	$11,824.21	$11,360.02	$12,244.34	$16,845.58	$18,031.99
Tampa Electric Company					
Fuel	26.33%	22.10%	30.51%	44.14%	18.13%
Other Operation and Maintenance	21.97	25.85	23.54	22.63	20.67
Depreciation and Amortization	19.57	15.52	14.91	-0.04	30.06
Taxes Other Than Income Taxes	8.21	8.52	8.27	7.84	7.71
Income Taxes	2.92	3.55	2.64	3.58	2.47
Interest	5.83	6.05	5.08	5.60	7.94
Net Operating Income Less Interest	15.16	18.40	15.06	16.25	13.01
Total	100%	100%	100%	100%	100%
Total Operating Revenue (Millions)	$2,006.93	$1,884.11	$2,179.99	$2,543.61	$3,019.98

* May not total due to rounding.

** Effective January 1, 2022, Gulf Power Company's data is consolidated with Florida Power & Light Company.

Source: Florida Public Service Commission, 2023 Annual Report, FERC Form No. 1, pp. 114, 117, 311, 320-321, and 323; Florida Public Service Commission, 2022 Statistics of the Florida Electric Utility Industry.

Table 4

Proprietary Capital and Long-Term Debt *

December 31, 2023

	Duke Energy Florida, LLC	Florida Power & Light Company **	Tampa Electric Company
Proprietary Capital (Thousands)			
Common Stock	$0	$1,373,069	$119,697
Preferred Stock	0	0	0
Retained Earnings	8,450,471	14,257,563	218,643
Other Paid-In Capital	1,591,356	20,527,444	4,385,840
Other Adjustments	855	-4,014	-1,439
Total Proprietary Capital	$10,042,682	$36,154,062	$4,722,741
Long-Term Debt (Thousands)			
Bonds	$8,875,000	$21,108,746	$3,775,000
Other Long-Term Debt and/or Adjustments	654,752	4,358,204	-10,646
Total Long-Term Debt	$9,529,752	$25,466,950	$3,764,354
Total Proprietary Capital and Long-Term Debt	$19,572,434	$61,621,012	$8,487,095
Proprietary Capital (Percent)			
Common Stock	0.0%	2.2%	1.4%
Preferred Stock	0.0	0.0	0.0
Retained Earnings	43.2	23.1	2.6
Other Paid-In Capital	8.1	33.3	51.7
Other Adjustments	0.0	0.0	0.0
Total Proprietary Capital	51.3%	58.7%	55.7%
Long-Term Debt (Percent)			
Bonds	45.3%	34.3%	44.5%
Other Long-Term Debt and/or Adjustments	3.3	7.1	-0.1
Total Long-Term Debt	48.6%	41.3%	44.4%
Total Proprietary Capital and Long-Term Debt	100%	100%	100%

* May not total due to rounding.

** Effective January 1, 2022, Gulf Power Company's data is consolidated with Florida Power & Light Company.

Source:Florida Public Service Commission, 2022 Annual Report, FERC Form No. 1, p. 112.

Table 5

Financial Integrity Indicators
2019-2023

	2019	2020	2021	2022	2023
Times Interest Earned with AFUDC					
Duke Energy Florida, LLC	3.76 x	4.17 x	4.07 x	4.24 x	4.13 x
Florida Power & Light Company *	5.53	6.26	6.98	6.79	5.91
Tampa Electric Company	4.07	4.46	4.25	4.60	3.24
Times Interest Earned without AFUDC					
Duke Energy Florida, LLC	3.74 x	4.11 x	4.00 x	4.18 x	4.08 x
Florida Power & Light Company *	5.40	6.13	6.78	6.62	5.74
Tampa Electric Company	3.94	4.14	3.78	4.33	3.14
AFUDC as a Percentage of Net Income Interest Coverage Ratio					
Duke Energy Florida, LLC	1.16 %	2.04 %	2.84 %	2.35 %	1.90 %
Florida Power & Light Company *	3.24	2.82	4.00	3.48	4.00
Tampa Electric Company	4.58	9.94	15.33	8.59	5.06
Percent Internally Generated Funds					
Duke Energy Florida, LLC	69.21 %	96.20 %	75.44 %	38.54 %	95.25 %
Florida Power & Light Company *	39.93	54.02	73.02	39.14	50.97
Tampa Electric Company	63.99	68.42	66.71	44.51	81.35

* Effective January 1, 2022, Gulf Power Company's data is consolidated with Florida Power & Light Company.

Source: Florida Public Service Commission, 2023 Statistics of the Florida Electric Utility Industry; Florida Public Service Commission, December 2024 Earnings Surveillance Report, Schedule 1.

Net Generation

Table 6

Net Energy for Load
2014-2023

Year	Total Net Energy for Load (Gigawatt-Hours)	Investor-Owned		Other *	
		Quantity (Gigawatt-Hours)	Percent of Total	Quantity (Gigawatt-Hours)	Percent of Total
2014	248,406	197,137	79.4%	51,269	20.6%
2015	248,019	196,676	79.3	51,343	20.7
2016	246,033	195,679	79.5	50,354	20.5
2017	249,266	199,390	80.0	49,876	20.0
2018	266,681	202,481	75.9	64,200	24.1
2019	256,783	205,052	79.9	51,731	20.1
2020	260,004	199,390	76.7	60,614	23.3
2021	274,025	208,629	76.1	65,396	23.9
2022	274,025	208,629	76.1	65,396	23.9
2023	268,909	199,390	74.1	69,519	25.9

* Includes municipal, rural electric cooperative, and federally-owned utilities. Other Also includes: NUG, oil, net interchange, non-solar renewables, and other.

Source: Florida Public Service Commission, 2022 Statistics of the Florida Electric Utility Industry; Florida Public Service Commission, Utility Ten-Year Site Plans (April 2024), Schedule Nos. 2.3 and 3.3; Florida Reliability Coordinating Council, Regional Load and Resource Plan, State Supplement (July 2024), FRCC Form 9.1, p. S-17.

Table 7

Net Energy for Load (NEL) by Fuel Type and Other Sources *
2014-2023

Year	Coal		Oil		Natural Gas		Nuclear		Solar		NEL Subtotal	Other **	NEL Total
	Gigawatt-Hours	Percent	Gigawatt-Hours	Percent	Gigawatt-Hours	Percent	Gigawatt-Hours	Percent	Gigawatt-Hours	Percent			
2014	55,410	24.7%	447	0.2%	140,348	62.6%	27,730	12.4%	251	0.1%	224,186	14,425	238,611
2015	46,685	20.1	592	0.3	156,348	67.5	27,872	12.0	202	0.1	231,699	16,707	248,406
2016	43,638	18.9	1,733	0.8	156,007	67.6	29,052	12.6	310	0.1	230,740	17,279	248,019
2017	42,573	18.3	487	0.2	159,719	68.6	29,080	12.5	918	0.4	232,777	13,256	246,033
2018	37,798	15.8	527	0.2	169,438	70.8	29,153	12.2	2,418	1.0	239,334	11,758	251,092
2019	28,599	11.8	517	0.2	180,726	74.5	28,838	11.9	3,861	1.6	242,541	24,140	266,681
2020	22,031	8.9	985	0.4	188,145	76.2	29,286	11.9	6,489	2.6	246,936	9,847	256,783
2021	24,579	10.1	282	0.1	179,782	74.0	29,373	12.1	9,004	3.7	243,020	16,984	260,004
2022	17,549	7.0	487	0.2	190,580	76.1	30,582	12.2	11,330	4.5	250,528	23,497	274,025
2023	13,963	5.5	290	0.1	195,606	77.1	29,847	11.8	14,071	5.5	253,777	10,658	264,435

* May not total due to rounding.

** Other includes: NUG, net interchange, non-solar renewables, and other.

Source: Florida Public Service Commission, 2022 Statistics of the Florida Electric Utility Industry; Florida Reliability Coordinating Council, Regional Load and Resource Plan, State Supplement (July 2024), FRCC Form 9.1, p. S-17.

Table 8

Projected Net Energy for Load by Fuel Type and Other Sources
(Gigawatt-Hours)
2024-2033

Year	Net Energy for Load	Nuclear	Coal	Oil	Natural Gas	Solar	Other *
2024	265,025	28,891	7,307	39	192,109	21,003	7,891
2025	267,777	29,652	8,472	23	187,939	25,868	7,791
2026	269,678	29,535	7,919	29	183,070	34,062	7,020
2027	271,755	29,363	6,917	25	179,933	42,119	6,848
2028	274,121	30,303	4,962	34	175,400	49,917	6,669
2029	277,231	29,912	4,701	31	171,028	57,471	7,087
2030	280,444	29,966	4,298	24	166,615	66,535	6,140
2031	282,467	29,899	3,826	24	162,586	73,420	6,230
2032	286,380	30,093	3,706	26	159,651	79,892	6,432
2033	289,894	29,856	3,775	23	156,652	87,274	6,451

* Other includes: NUG, net interchange, non-solar renewables, and other.

Source: Florida Reliability Coordinating Council, Regional Load and Resource Plan, State Supplement (July 2024), FRCC Form 9.1, p. S-17.

Table 9

Projected Net Energy for Load by Percentage of Fuel Type and Other Sources
2024-2033

Year	Net Energy for Load *	Nuclear	Coal	Oil	Natural Gas	Solar	Other **
2024	94%	10.90%	2.76%	0.01%	72.49%	7.92%	2.98%
2025	94	11.07	3.16	0.01	70.18	9.66	2.91
2026	94	10.95	2.94	0.01	67.88	12.63	2.60
2027	95	10.80	2.55	0.01	66.21	15.50	2.52
2028	95	11.05	1.81	0.01	63.99	18.21	2.43
2029	95	10.79	1.70	0.01	61.69	20.73	2.56
2030	95	10.69	1.53	0.01	59.41	23.72	2.19
2031	95	10.58	1.35	0.01	57.56	25.99	2.21
2032	95	10.51	1.29	0.01	55.75	27.90	2.25
2033	96	10.30	1.30	0.01	54.04	30.11	2.23

* May not total due to rounding.

** Other includes: NUG, net interchange, non-solar renewables, and other.

Source: Florida Reliability Coordinating Council, Regional Load and Resource Plan, State Supplement (July 2024), FRCC Form 9.1, p. S-17.

Generating Capacity and Capability

Table 10

Installed Nameplate Capacity/Firm Summer Net Capability
(Megawatts)
2014-2023

Year	Hydro-Electric	Conventional Steam	Nuclear Steam	Combustion Turbine	Internal Combustion	Combined Cycle	Solar Photovoltaic	Total *
2014	52	17,684	3,600	7,755	115	25,312	15	54,533
2015	51	17,616	3,599	7,940	108	24,866	15	54,195
2016	51	16,774	3,599	7,345	108	26,130	132	54,139
2017	51	16,649	3,599	6,830	125	27,662	148	55,064
2018	51	12,770	3,625	7,563	134	28,137	599	52,879
2019	51	12,363	3,479	7,992	207	31,038	981	56,095
2020	51	13,133	3,559	7,411	226	30,128	1733	56,241
2021	51	10,097	3,648	9,561	207	30,157	2,814	56,536
2022	51	8,098	3,648	8,227	226	34,414	3,357	58,023
2023	51	7,180	3,648	7,615	226	36,775	3,956	59,452

* May not total due to rounding.

Source: Florida Public Service Commission, 2022 Statistics of the Florida Electric Utility Industry; Florida Reliability Coordinating Council, Regional Load and Resource Plan, State Supplement (July 2024), FRCC Form 1.0, pp. 8-20, S-8, and S-9.

Table 11

Installed Nameplate Capacity/Summer Net Capability by Type of Ownership (Megawatts) 2014-2023

Year	Total for State *	Investor-Owned		Municipal, Rural Electric Cooperative, and Other **	
		Quantity	Percent of Total	Quantity	Percent of Total
2014	54,533	41,266	75.67%	13,267	24.33%
2015	54,195	41,018	75.69	13,177	24.31
2016	54,139	41,050	75.82	13,089	24.18
2017	55,064	41,915	76.12	13,149	23.88
2018	52,879	40,793	77.14	12,086	22.86
2019	56,095	43,858	78.19	12,237	21.81
2020	56,241	44,378	78.91	11,864	21.09
2021	56,536	44,972	79.55	11,564	20.45
2022	58,023	46,535	80.20	11,488	19.80
2023	59,452	46,800	78.72	12,652	21.28

* May not total due to rounding.

** USCE-Mobile District and Jim Woodruff Dam. Other includes: NUG, oil, net interchange, non-solar renewables, and other.

Source: Florida Public Service Commission, 2022 Statistics of the Florida Electric Utility Industry; Florida Reliability Coordinating Council, Regional Load and Resource Plan, State Supplement (July 2024), FRCC Form 1.0, pp. 7-20, S-8, and S-9.

Table 12

Installed Capacity by Fuel and Technology
(Megawatts)
2021-2023

Fuel	Technology	2021	2022	2023
Natural Gas				
	Combined Cycle	31,150	31,180	33,509
	Turbine & Diesel	5,897	7,466	7,004
	Steam	3,260	1,635	2,828
Total Natural Gas		40,307	40,281	43,341
Percentage of Total		69.02%	67.57%	75.39%
Coal				
	Steam	8,581	7,856	5,782
	Combined Cycle	220	220	220
Total Coal		8,801	8,076	6,002
Percentage of Total		15.07%	13.55%	10.44%
Oil				
	Turbine & Diesel	1,598	1,571	1,517
	Steam	0	0	0
Total Oil		1,598	1,571	1,517
Percentage of Total		2.74%	2.64%	2.64%
Nuclear				
	Steam	3,645	3,648	3,648
Total Nuclear		3,645	3,648	3,648
Percentage of Total		6.24%	6.12%	6.35%
Solar				
		4,633	6,085	7,798
Total Solar		4,633	6,085	7,798
Percentage of Total		7.93%	10.21%	13.56%
Other *				
		4,048	6,036	2,979
Total Other		4,048	6,036	2,979
Percentage of Total		6.93%	10.13%	5.18%
Total Installed Capacity		58,399	59,612	57,487
Percentage of Total **		100%	100%	100%

* Other includes: NUG, net interchange, non-solar renewables, and other.

** May not total due to rounding.

Source: Florida Public Service Commission, 2022 Statistics of the Florida Electric Utility Industry; Florida Public Service Commission, Review of the Ten-Year Site Plans, Nov. 2023.

Table 13

Installed Winter and Summer Net Capacity by Utility *
(Megawatts)
2022-2023

Utility	Winter Net Capacity		Summer Net Capacity	
	2022	2023	2022	2023
Investor-Owned				
Duke Energy Florida, LLC	10,723	10,675	10,123	10,291
Florida Power & Light Company **	30,103	30,176	30,766	31,263
Tampa Electric Company	5,539	5,194	5,646	5,246
Generating Municipal				
Central Florida Tourism Oversight District ***	52	53	52	53
Florida Municipal Power Agency ^	1,369	1,374	1,329	1,334
Gainesville Regional Utilities	670	673	640	640
Homestead	32	32	32	32
JEA	2,952	2,952	2,799	2,782
Keys Energy Services	0	0	0	0
Kissimmee Utility Authority	254	259	243	248
Lake Worth Utilities	82	82	79	79
Lakeland Electric	721	721	658	658
New Smyrna Beach	24	24	22	22
Orlando Utilities Commission ^^	1,574	1,574	1,537	1,537
Tallahassee	795	795	725	725
Generating Rural Electric Cooperative				
PowerSouth Energy ^	1,533	2,245	1,347	2,006
Seminole Electric Cooperative ^	2,102	2,671	1,981	2,492
USCE-Mobile District ^	44	44	44	44
Total Utility ^^^	**58,569**	**59,544**	**58,023**	**59,452**
Total Non-Utility	911	3,372	899	3,292
Total State of Florida ^^^	**59,480**	**62,916**	**58,922**	**62,744**

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

** Effective January 1, 2022, Gulf Power Company's data is consolidated with Florida Power & Light Company.

*** Formerly known as Reedy Creek Improvement District.

^ Wholesale-only generating utility.

^^ The City of St. Cloud is included in the figures of Orlando Utilities Commission.

^^^ May not total due to rounding.

Source: Florida Public Service Commission, 2022 Statistics of the Florida Electric Utility Industry; Florida Reliability Coordinating Council, Regional Load and Resource Plan, State Supplement (July 2024), FRCC Form 1.0, pp. 8 and S-7.

Table 14

Summer Net Capacity by Generation by Utility *
(Megawatts)
December 31, 2023

Utility	Hydro-Electric	Conventional Steam	Nuclear Steam	Combustion Turbine	Internal Combustion	Combined Cycle	Solar photovoltaic	Total
Investor-Owned								
Duke Energy Florida, LLC	0	2,423	0	1,992	0	5,227	649	10,291
Florida Power & Light Company **	0	717	3,502	1,370	3	22,882	2,789	31,263
Tampa Electric Company	0	1,233	0	1,600	0	1,898	515	5,246
Generating Municipal								
Central Florida Tourism Oversight District ***	0	0	0	0	0	53	0	53
Florida Municipal Power Agency ^	0	248	86	180	18	801	0	1,334
Gainesville Regional Utilities	0	0	0	4	7	629	0	640
Homestead	0	0	0	0	32	0	0	32
JEA	0	1,110	0	914	0	758	0	2,782
Keys Energy Services	0	0	0	0	0	0	0	0
Kissimmee Utility Authority	0	22	0	25	0	201	0	248
Lake Worth Utilities	0	0	0	0	0	77	2	79
Lakeland Electric	0	0	0	137	55	466	0	658
New Smyrna Beach	0	0	0	22	0	0	0	22
Orlando Utilities Commission ^^	0	646	60	354	0	476	0	1,537
Tallahassee	0	0	0	92	111	522	0	725
Generating Rural Electric Cooperative								
PowerSouth Energy ^	7	147	0	683	0	1,169	0	2,006
Seminole Electric Cooperative ^	0	634	0	243	0	1,614	1	2,492
USCE-Mobile District ^	44	0	0	0	0	0	0	44
Total Utility ^^^	**51**	**7,180**	**3,648**	**7,615**	**226**	**36,775**	**3,956**	**59,452**
Total Non-Utility								3,292
Total State of Florida ^^^	**51**	**7,180**	**3,648**	**7,615**	**226**	**36,775**	**3,956**	**62,744**

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

** Effective January 1, 2022, Gulf Power Company's data is consolidated with Florida Power & Light Company.

*** Formerly known as Reedy Creek Improvement District.

^ Wholesale-only generating utility.

^^ The City of St. Cloud is included in the figures of Orlando Utilities Commission.

^^^ May not total due to rounding.

Source: Florida Reliability Coordinating Council, Regional Load and Resource Plan, State Supplement (July 2024), FRCC Form 1.0, pp. 7-20, S-8, and S-9.

Table 15

Nuclear Generating Units
December 31, 2023

Utility	Location	Commercial In-Service Month/Year	Maximum Nameplate Rating kW	Net Capacity	
				Summer MW	Winter MW
Florida Power & Light Company					
St. Lucie #1	St. Lucie County	May-76	1,080,000	981	1,003
St. Lucie #2	St. Lucie County	Jun-83	919,128	840 *	860
Turkey Point #3	Miami-Dade County	Dec-72	877,200	837	859
Turkey Point #4	Miami-Dade County	Sep-73	877,200	844	866

* 14.9% of plant capacity is owned by Orlando Utilities Commission and Florida Municipal Power Agency; figures shown represent FP&L share.

Sources: Florida Public Service Commission, FP&L Ten-Year Site Plan (April 2024), Schedule 1, p. 37; Florida Reliability Coordinating Council, Regional Load and Resource Plan, State Supplement (July 2024), FRCC Form 1.0, p. 13.

Annual Peak Demand
(Megawatts)
2019-2023

Utility	2019	2020	2021	2022	2023
Investor-Owned					
Duke Energy Florida, LLC	9,973	9,649	9,682	9,974	10,235
Florida Power & Light Company *	24,241	24,499	24,042	26,429	28,461
Florida Public Utilities Company	140	148	141	148	154
Tampa Electric Company	4,298	4,255	4,393	4,385	4,669
Generating Municipal					
Central Florida Tourism Oversight District **	198	166	178	196	198
Florida Municipal Power Agency ***	1,349	1,463	1,467	1,487	1,613
Gainesville Regional Utilities	429	425	422	408	409
Homestead	115	117	116	118	125
JEA	2,644	2,585	2,610	2,857	2,869
Keys Energy Services	145	141	146	146	156
Kissimmee Utility Authority	374	371	378	388	417
Lake Worth Utilities	97	97	96	98	103
Lakeland Electric	667	678	692	704	752
New Smyrna Beach	105	103	105	110	116
Orlando Utilities Commission ^	1,431	1,382	1,407	1,428	1,535
Tallahassee	616	576	573	592	616
Non-Generating Municipal					
Alachua	29	29	29	31	32
Bartow	60	60	61	64	71
Beaches Energy Services	173	170	141	149	142
Blountstown	7	7	8	7	8
Bushnell	8	12	12	13	14
Chattahoochee	7	7	7	6	6
Clewiston	22	22	21	24	23
Fort Meade	10	10	10	11	11
Fort Pierce Utilities Authority	113	116	115	119	125
Green Cove Springs	25	26	28	26	26
Havana	6	6	6	6	6

* Effective January 1, 2022, Gulf Power Company's data is consolidated with Florida Power & Light Company.

** Formerly known as Reedy Creek Improvement District.

*** Wholesale-only generating utility.

^ The City of St. Cloud is included in the figures of Orlando Utilities Commission.

Continued

Annual Peak Demand
(Megawatts)
2019-2023

Utility	2019	2020	2021	2022	2023
Non-Generating Municipal (Continued)					
Leesburg	111	119	113	113	126
Moore Haven	4	4	4	4	8
Mount Dora	23	23	24	24	25
Newberry	9	10	10	10	11
Ocala Electric Utility	314	303	298	311	323
Quincy	12	26	14	23	31
Starke	15	15	15	15	16
Wauchula	14	14	14	14	14
Williston	10	10	9	9	9
Winter Park	81	77	94	94	96
Generating & Non-Generating Rural Electric Cooperative					
Central Florida Electric	124	140	132	158	146
Choctawhatchee Electric	213	219	232	299	258
Clay Electric	778	818	808	889	865
Escambia River Electric	48	50	58	66	58
Florida Keys Electric Cooperative	153	156	156	158	167
Glades Electric	68	69	66	76	65
Gulf Coast Electric	83	86	85	117	93
Lee County Electric	924	966	944	966	1,017
Okefenoke Rural Electric *	28	50	48	59	44
Peace River Electric	187	205	208	218	256
PowerSouth Energy **	4,500	466	485	630	532
Seminole Electric Cooperative **	3,477	3,517	3,494	3,982	4,023
Sumter Electric	837	865	863	919	1,008
Suwannee Valley Electric	114	113	105	132	121
Talquin Electric	238	235	241	291	243
Tri-County Electric	67	66	62	83	72
West Florida Electric	116	123	121	150	123
Withlacoochee River Electric	933	1,007	1,046	1,117	1,110

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

** Wholesale-only generating utility.

Source: Florida Public Service Commission, 2022 Statistics of the Florida Electric Utility Industry; Responses to staff data request.

Table 17

Projected Summer and Winter Peak Demand
(Megawatts)
2024-2033

Year	Summer Peak	Year	Winter Peak
2024	54,851	2023-2024	41,391
2025	52,808	2024-2025	47,998
2026	53,490	2025-2026	48,602
2027	53,834	2026-2027	49,092
2028	54,197	2027-2028	49,731
2029	54,789	2028-2029	50,437
2030	55,577	2029-2030	51,153
2031	56,214	2030-2031	51,768
2032	56,986	2031-2032	52,505
2033	58,013	2032-2033	53,278

Source: Florida Reliability Coordinating Council, Regional Load and Resource Plan, State Supplement (July 2024), FRCC Form History and Forecast, p. S-1.

Table 18

Load Factors of Generating Utilities
December 31, 2023

Utility	Net Energy for Load (Gigawatt-Hours)	Peak Load (Megawatts)	Load Factor (Percentage) *
Investor-Owned			
Duke Energy Florida, LLC	45,588	10,235	50.8%
Florida Power & Light Company **	143,756	28,461	57.7
Tampa Electric Company	21,767	4,669	53.2
Municipal			
Central Florida Tourism Oversight District ***	1,237	198	71.4
Florida Municipal Power Agency ^	7,174	1,613	50.8
Gainesville Regional Utilities	1,847	409	51.6
Homestead	644	125	59.0
JEA	12,817	2,869	51.0
Keys Energy Services	801	156	58.8
Kissimmee Utility Authority	1,816	417	49.7
Lake Worth Utilities	499	103	55.1
Lakeland Electric	3,442	752	52.2
New Smyrna Beach	495	116	48.7
Orlando Utilities Commission ^^	8,542	1,535	63.5
Tallahassee	2,754	616	51.0
Rural Electric Cooperative			
PowerSouth Energy ^	2,274	532	48.8
Seminole Electric Cooperative ^	16,312	4,023	46.3

* May not total due to rounding.

** Effective January 1, 2022, Gulf Power Company's data is consolidated with Florida Power & Light Company.

*** Formerly known as Reedy Creek Improvement District.

^ Wholesale-only generating utility.

^^ The City of St. Cloud is included in the figures of Orlando Utilities Commission.

Source:Responses to staff data request.

Renewable Energy, Energy Efficiency and Conservation

Table 19

Renewable Generation Capacity
(Megawatts)
2020-2023

Renewable Type *	2020	2021	2022	2023
Biomass	431	380	380	380
Hydro	51	51	51	51
Landfill Gas	42	41	70	68
Municipal Solid Waste	514	504	451	475
Solar	2,658	4,633	6,085	7,798
Waste Heat	276	276	276	232
Wind	282	272	272	272
Total	4,254	6,157	7,585	9,276

* Renewable generation includes investor-owned, customer-owned, and non utility-owned (acquired through purchase power agreements).

Source: Florida Public Service Commission, 2022 Statistics of the Florida Electric Utility Industry; Florida Public Service Commission, Review of the Ten-Year Site Plans, Nov. 2023.

Table 20

Customer-Owned Photovoltaic Facilities *
2020-2023

	2020	2021	2022	2023
Number of Solar Energy Systems				
Duke Energy Florida, LLC	34,106	34,434	63,587	79,775
Florida Power & Light Company **	29,451	57,282	69,051	92,438
Florida Public Utilities Company	220	342	433	542
Tampa Electric Company	7,764	11,361	17,962	24,747
Municipal	9,939	14,214	19,094	25,169
Rural Electric Cooperative	9,038	13,280	19,804	26,822
Total	90,518	130,913	189,931	249,493
Gross Power Rating (MW)(AC)				
Duke Energy Florida, LLC	289	322	572	742
Florida Power & Light Company **	262	497	642	876
Florida Public Utilities Company	5.0	6.0	6.9	7.9
Tampa Electric Company	89	108	206	244
Municipal	114	130	180	234
Rural Electric Cooperative	69	107	167	241
Total * **	828.0	1,169.9	1,773.0	2,344.2
Energy Delivered to the Grid (MWh)				
Duke Energy Florida, LLC	159,660	175,200	376,378	535,752
Florida Power & Light Company **	130,555	330,641	352,787	531,669
Florida Public Utilities Company	2,918	4,927	6,005	3,826
Tampa Electric Company	26,042	62,920	99,082	155,895
Municipal	47,183	73,680	113,951	146,585
Rural Electric Cooperative	21,638	36,518	57,074	89,817
Total	387,996	683,887	1,005,276	1,463,544

* Includes demonstration sites.

** Effective January 1, 2022, Gulf Power Company's data is consolidated with Florida Power & Light Company.

*** May not total due to rounding.

Source:Annual Net Metering Report, 2023; Florida Public Service Commission, 2022 Statistics of the Florida Electric Utility Industry.

Investor-Owned Photovoltaic Facilities *

December 31, 2023

Utility	Name of Plant	In-Service Date	Nameplate Capacity MW **	Total Energy MWh
Duke Energy Florida, LLC	Bay Ranch	Apr-23	74.9	130,873
	Bay Trail Solar Facility	Aug-22	74.9	135,779
	Charlie Creek Solar Facility	Aug-22	74.9	166,629
	Columbia Solar Facility	Mar-20	74.9	143,145
	Debary Solar Facility	May-20	74.5	121,117
	Duette Solar Facility	Oct-21	74.5	142,753
	Fort Green Solar Facility	Jun-22	74.9	121,211
	Hamilton Solar Facility	Dec-18	74.9	161,570
	Hardeetown	Apr-23	74.9	123,508
	High Springs	Apr-23	74.9	104,484
	Hildreth	Mar-23	74.9	138,677
	Lake Placid Solar Facility	Nov-19	45.0	63,253
	Osceola Solar Facility	May-16	3.8	3,971
	Perry Solar Facility	Aug-16	5.1	7,206
	Sandy Creek Solar Facility	May-22	74.9	156,778
	Santa Fe Solar Facility	Mar-21	74.9	137,264
	Suwannee Solar Facility	Nov-17	8.8	16,687
	Trenton Solar Facility	Dec-19	74.9	140,930
	Twin Rivers Solar Facility	Mar-21	74.9	147,209
Florida Power & Light Company ***	Anhinga Solar Energy Center	Jan-23	74.5	127,681
	Apalachee Solar Energy Center (NW)	Jan-23	74.5	145,406
	Babcock Preserve Solar Energy Center	Mar-20	74.5	160,896
	Babcock Ranch Solar Energy Center	Dec-16	74.5	146,156
	Barefoot Bay Solar Energy Center	Mar-18	74.5	156,125
	Blackwater River Solar Energy Center (NW)	Jan-23	74.5	113,929
	Blue Cypress Solar Energy Center	Mar-18	74.5	149,237
	Blue Heron Solar Energy Center	Mar-20	74.5	155,588
	Blue Indigo Solar Energy Center	Mar-20	74.5	14,207
	Blue Springs Solar Energy Center	Dec-21	74.5	141,153
	Bluefield Preserve Solar Energy Center	Jan-23	74.5	145,468
	Cattle Ranch Solar Energy Center	May-20	74.5	148,016
	Cavendish Solar Energy Center	Jan-23	74.5	124,689
	Chautauqua Solar Energy Center (NW)	Jan-23	74.5	136,661
	Chipola River Solar Energy Center (NW)	Jan-23	74.5	120,169
	Citrus Solar Energy Center	Dec-16	74.5	149,051
	Coral Farms Solar Energy Center	Jan-18	74.5	134,641
	Cotton Creek Solar Energy Center	Dec-21	74.5	144,789

* Includes purchase power agreements and demonstration sites.

** 2 megawatt threshold.

*** Effective January 1, 2022, Gulf Power Company's data is consolidated with Florida Power & Light Company.

Continued

Investor-Owned Photovoltaic Facilities *

December 31, 2023

Utility	Name of Plant	In-Service Date	Nameplate Capacity MW **	Total Energy MWh
Florida Municipal Power Agency ***	Cypress Pond Solar Energy Center	Apr-23	74.5	102,561
	DeSoto Next Generation Solar Energy Center	Oct-09	25.0	33,461
	Discovery Solar Energy Center	Jul-21	74.5	148,512
	Echo River Solar Energy Center	May-20	74.5	164,681
	Egret Solar Energy Center	Dec-20	74.5	141,641
	Elder Branch Solar Energy Center	Jan-22	74.5	181,119
	Etonia Creek Solar Energy Center	Jun-23	74.5	82,033
	Everglades Solar Energy Center	Jan-23	74.5	135,636
	First City Solar Energy Center (NW)	Jan-23	74.5	111,142
	Flowers Creek Solar Energy Center (NW)	Jan-23	74.5	121,961
	Fort Drum Solar Energy Center	Aug-21	74.5	151,529
	Ghost Orchid Solar Energy Center	Jan-22	74.5	145,682
	Grove Solar Energy Center	Jan-22	74.5	157,239
	Hammock Solar Energy Center	Mar-18	74.5	151,276
	Hibiscus Solar Energy Center	May-20	74.5	156,010
	Horizon Solar Energy Center	Jan-18	74.5	141,129
	Immokalee Solar Energy Center	Jan-22	74.5	160,042
	Indian River Solar Energy Center	Jan-18	74.5	152,718
	Interstate Solar Energy Center	Jan-19	74.5	146,903
	Lakeside Solar Energy Center	Dec-20	74.5	149,748
	Loggerhead Energy Center	Mar-18	74.5	145,146
	Magnolia Springs Solar Energy Center	Mar-21	74.5	151,318
	Manatee Solar Energy Center	Dec-16	74.5	118,721
	Miami-Dade Solar Energy Center	Jan-19	74.5	138,098
	Nassau Solar Energy Center	Dec-20	74.5	141,684
	Northern Preserve Solar Energy Center	Mar-20	74.5	125,963
	Okeechobee Solar Energy Center	Mar-19	74.5	155,237
	Orange Blossom Solar Energy Center	Jul-21	74.5	158,727
	Palm Bay Solar Energy Center	May-21	74.5	162,818
	Pelican Solar Energy Center	Apr-21	74.5	158,328
	Pink Trail Solar Energy Center	Jan-23	74.5	150,065
	Pioneer Trail Solar Energy Center	Jan-19	74.5	130,847
	Rodeo Solar Energy Center	Mar-21	74.5	158,307
	Sabal Palm Solar Energy Center	Apr-21	74.5	160,882
	Saw Palmetto Solar Energy Center (NW)	Apr-23	74.5	113,101
	Sawgrass Solar Energy Center	Jan-22	74.5	146,657
	Shirer Branch Solar Energy Center (NW)	Feb-23	74.5	135,682
	Southfork Solar Energy Center	May-20	74.5	180,618
	Space Coast Next Generation Solar Energy Center	Apr-10	10.0	12,815

* Includes purchase power agreements and demonstration sites.

** 2 megawatt threshold.

*** Effective January 1, 2022, Gulf Power Company's data is consolidated with Florida Power & Light Company.

Continued

Investor-Owned Photovoltaic Facilities *

December 31, 2023

Utility	Name of Plant	In-Service Date	Nameplate Capacity MW **	Total Energy MWh
Florida Power & Light Company ***	Sundew Solar Energy Center	Jan-22	74.5	154,897
	Sunshine Gateway Solar Energy Center	Jan-19	74.5	140,367
	Sweetbay Solar Energy Center	Mar-20	74.5	126,405
	Trailside Solar Energy Center	Dec-20	74.5	144,663
	Twin Lakes Solar Energy Center	Mar-20	74.5	128,651
	Union Springs Solar Energy Center	Dec-20	74.5	152,573
	Wild Azalea Solar Energy Center (NW)	Jan-23	74.5	133,062
	Wildflower Solar Enegry Center	Dec-17	74.5	157,707
	Willow Solar Energy Center	May-21	74.5	165,607
Tampa Electric Company	Alafia Solar	Dec-23	60.0	12,210
	Balm Solar	Sept-18	74.4	100,178
	Big Bend Solar	Feb-17	19.8	23,360
	Big Bend II Solar	Jan-22	45.8	76,087
	Bonnie Mine Solar	Jan-19	37.5	53,586
	Dover Solar	Dec-23	25.0	2,882
	Durrance Solar	Jan-21	60.0	107,502
	Grange Hall Solar	Jan-19	61.1	95,572
	Jamison Solar	Apr-22	74.5	122,660
	Juniper Solar	Dec-23	70.0	5,946
	Lake Hancock Solar	Apr-19	49.5	89,771
	Lake Mabel Solar	Dec-23	74.5	5,977
	Laurel Oaks Solar	Dec-22	61.2	122,066
	Lithia Solar Center	Jan-19	74.5	125,993
	Little Manatee Solar	Feb-20	74.5	120,839
	Magnolia Solar	Dec-21	74.5	135,639
	Mountain View Solar	Apr-22	54.6	90,184
	Payne Creek Solar	Sept-18	70.3	114,116
	Peace Creek Solar	Mar-19	55.4	91,360
	Riverside Solar	Dec-22	55.2	112,402
	Wimauma Solar	Apr-20	74.8	129,518
Total Investor-Owned Photovoltaic Facilities			**7,235.50**	**12,998,727**

* Includes purchase power agreements and demonstration sites.

** 2 megawatt threshold.

*** Effective January 1, 2022, Gulf Power Company's data is consolidated with Florida Power & Light Company.

Source: Florida Reliability Coordinating Council, Regional Load and Resource Plan, State Supplement (July 2024), Summary of Existing Capacity, p. 21; Responses to staff data request.

Table 22

Demand-Side Management Programs
Amount of Load Reduction at the Generator *
2020-2023

	2020	2021	2022	2023
Summer Peak Reduction (MW)				
Duke Energy Florida, LLC	64	34	21	46
Florida Power & Light Company **	66	57	50	63
Florida Public Utilities Company	0.3	0.2	0.2	0.2
JEA	3	3	3	3
Orlando Utilities Commission ***	4	3	3	1
Tampa Electric Company	14	12	23	21
Total ^	151.3	109.2	99.9	133.8
Winter Peak Reduction (MW)				
Duke Energy Florida, LLC	54	27	29	60
Florida Power & Light Company	42	35	30	43
Florida Public Utilities Company	0.1	0.1	0.1	0.1
JEA	2	2	2	2
Orlando Utilities Commission	3	2	3	1
Tampa Electric Company	14	9	17	17
Total ^	115.1	75.1	80.3	123.6
Energy Reduction (GWh)				
Duke Energy Florida, LLC	75	47	52	61
Florida Power & Light Company	60	44	53	84
Florida Public Utilities Company	0.5	0.3	0.3	0.3
JEA	10	7	7	8
Orlando Utilities Commission	11	13	6	1
Tampa Electric Company	35	37	57	60
Total ^	191.5	148.3	175.3	214.8

* Annual achievements are reported. Includes residential, commercial, industrial, and other customers.

** Effective January 1, 2022, Gulf Power Company's data is consolidated with Florida Power & Light Company.

*** The City of St. Cloud is included in the figures of Orlando Utilities Commission.

^ May not total due to rounding.

Source: Annual Reports on Demand-Side Management Plans, 2023; Florida Public Service Commission, 2022 Statistics of the Florida Electric Utility Industry.

Fuel Analysis

Table 23

Fuel Requirements
2014-2023

Year	Coal (Thousands of Short Tons)	Oil * (Thousands of Barrels)	Natural Gas (Billions of Cubic Feet)	Nuclear (U-235) ** (Trillion BTUs)
2014	25,122	880	837	307
2015	23,217	1,111	1,149	309
2016	20,260	1,442	1,141	321
2017	21,374	4,343	1,190	318
2018	18,195	974	1,262	318
2019	14,831	6,313	1,280	313
2020	12,012	6,313	1,280	313
2021	13,644	6,923	1,331	316
2022	8,503	935	1,382	329
2023	6,257	520	1,433	323

* Residual and distillate.

** Uranium-235 is a naturally occurring isotope of Uranium metal.

Source: Florida Public Service Commission, 2022 Statistics of the Florida Electric Utility Industry; Florida Reliability Coordinating Council, Regional Load and Resource Plan, State Supplement (July 2024), FRCC Form 9.0, p. S-16.

Table 24

Projected Fuel Requirements
2024-2033

Year	Coal (Thousands of Short Tons)	Oil * (Thousands of Barrels)	Natural Gas (Billions of Cubic Feet)	Nuclear (U-235) ** (Trillion BTUs)
2024	6,257	520	1,433	323
2025	3,478	122	1,334	306
2026	3,893	74	1,293	314
2027	3,582	101	1,261	313
2028	3,146	91	1,237	310
2029	2,266	104	1,209	321
2030	2,047	106	1,184	317
2031	1,949	79	1,149	317
2032	1,762	81	1,126	317
2033	1,704	83	1,113	319

* Residual and distillate.

** Uranium-235 is a naturally occurring isotope of Uranium metal.

Source: Florida Reliability Coordinating Council, Regional Load and Resource Plan, State Supplement (July 2024), FRCC Form 9.0, p. S-16.

Sales

Table 25

Retail Sales
(Megawatt-Hours)
2019-2023

Utility	2019	2020	2021	2022	2023
Investor-Owned					
Duke Energy Florida, LLC	39,187,343	39,230,213	39,681,797	40,511,973	40,832,186
Florida Power & Light Company *	123,008,296	124,295,085	122,907,965	126,449,897	127,903,793
Florida Public Utilities Company	652,604	646,364	625,785	636,046	684,873
Tampa Electric Company	19,783,567	19,953,730	20,092,643	20,466,729	20,790,700
Municipal					
Alachua	130,170	128,042	131,526	143,237	149,358
Bartow	287,066	291,602	288,386	290,160	312,346
Beaches Energy Services	697,365	690,291	684,583	686,501	683,907
Blountstown	33,439	31,671	31,794	31,548	31,296
Bushnell	29,051	55,473	55,582	56,617	58,069
Central Florida Tourism Oversight District **	1,175,186	926,061	1,029,895	1,141,727	1,153,210
Chattahoochee	37,708	36,152	36,164	36,331	36,454
Clewiston	99,262	99,968	98,743	98,742	99,773
Fort Meade	41,967	42,840	42,396	42,058	43,429
Fort Pierce Utilities Authority	559,459	575,481	571,148	576,373	592,809
Gainesville Regional Utilities	1,830,595	1,790,570	1,789,929	1,796,914	1,812,090
Green Cove Springs	112,300	108,522	107,724	107,941	108,966
Havana	24,546	23,126	23,013	22,473	22,455
Homestead	596,814	588,234	567,843	591,541	605,667
JEA	12,322,254	12,319,250	12,065,476	12,491,236	12,294,646
Keys Energy Services	741,931	723,134	727,157	740,200	756,528
Kissimmee Utility Authority	1,620,665	1,635,830	1,673,418	1,748,329	1,792,332
Lake Worth Utilities	435,077	432,926	444,322	465,019	468,385
Lakeland Electric	3,116,587	3,179,606	3,198,287	3,155,091	3,384,318
Leesburg	494,267	495,081	495,862	495,862	501,973
Moore Haven	16,145	16,791	15,932	16,240	16,676
Mount Dora	90,735	89,461	90,844	95,628	96,921
New Smyrna Beach	425,102	443,327	440,991	455,781	452,177
Newberry	37,663	39,344	40,372	42,691	42,469
Ocala Electric Utility	1,307,747	1,268,973	1,306,528	1,328,842	1,337,331
Orlando Utilities Commission ***	6,825,561	6,750,619	6,823,920	7,024,271	7,182,989
Quincy	183,531	135,352	129,287	136,287	128,243
Starke	65,648	64,231	63,549	63,769	64,056
Tallahassee	2,716,250	2,581,037	2,597,787	2,622,903	2,674,525
Wauchula	61,406	60,530	59,520	60,019	61,173
Williston	32,983	32,983	32,666	33,102	33,922
Winter Park	425,022	419,744	420,839	428,363	429,922
Rural Electric Cooperative					
Central Florida Electric	502,468	526,666	523,208	556,748	556,549
Choctawhatchee Electric	906,973	938,844	959,164	1,011,430	1,035,070
Clay Electric	3,349,589	3,416,339	3,365,979	3,514,763	3,495,114
Escambia River Electric	190,598	190,448	196,255	208,802	213,414
Florida Keys Electric Cooperative	723,276	735,663	750,423	771,570	778,086
Glades Electric	329,414	331,723	319,255	321,444	330,333
Gulf Coast Electric	345,954	344,000	346,229	354,297	360,436
Lee County Electric	4,104,302	4,279,635	4,308,257	4,419,078	4,580,244
Okefenoke Rural Electric ^	169,436	173,437	170,334	179,956	177,912
Peace River Electric	850,477	934,732	958,411	1,016,429	1,120,068
Sumter Electric	3,467,634	3,635,263	3,625,026	3,833,147	3,891,628
Suwannee Valley Electric	534,811	530,064	542,870	574,238	555,929
Talquin Electric	1,014,511	1,020,857	1,029,220	1,026,951	987,194
Tri-County Electric	318,153	317,797	334,106	385,297	355,220
West Florida Electric	510,708	498,614	498,556	505,045	511,369
Withlacoochee River Electric	4,052,450	4,247,097	4,184,685	4,359,276	4,536,843
Respondent Total ^^	**240,576,065**	**242,322,823**	**241,505,649**	**248,128,909**	**251,125,376**

* Effective January 1, 2022, Gulf Power Company's data is consolidated with Florida Power & Light Company.

** Formerly known as Reedy Creek Improvement District.

*** The City of St. Cloud is included in the figures of Orlando Utilities Commission.

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

^^ May not total due to rounding. The respondent total includes sales to other public authorities; therefore, respondent totals are not comparable to FRCC totals

Source: Florida Public Service Commission, 2022 Statistics of the Florida Electric Utility Industry; Florida Reliability Coordinating Council, Regional Load and Resource Plan, State Supplement (July 2024), FRCC Form 4.0, p. S-2; Responses to staff data request.

Table 26

Retail Sales by Class of Service
(Megawatt-Hours)
2023

Utility	Residential	Commercial	Industrial	Other *	Total
Investor-Owned					
Duke Energy Florida, LLC	21,750,264	12,450,255	3,395,705	3,235,962	40,832,186
Florida Power & Light Company **	70,206,314	52,507,125	4,617,412	572,943	127,903,793
Florida Public Utilities Company	300,118	300,090	76,896	7,769	684,873
Tampa Electric Company	10,307,158	6,462,176	2,082,042	1,939,324	20,790,700
Municipal					
Alachua	46,710	102,649	0	0	149,358
Bartow	155,807	64,753	83,130	8,657	312,346
Beaches Energy Services	435,244	248,663	0	0	683,907
Blountstown	11,037	18,336	0	1,923	31,296
Bushnell	12,824	14,427	30,818	0	58,069
Central Florida Tourism Oversight District ***	114	1,142,954	0	10,142	1,153,210
Chattahoochee	10,967	3,256	527	21,705	36,454
Clewiston	52,963	46,395	257	159	99,773
Fort Meade	30,175	12,218	1,037	0	43,429
Fort Pierce Utilities Authority	259,294	329,559	0	3,956	592,809
Gainesville Regional Utilities	844,298	781,963	169,380	16,449	1,812,090
Green Cove Springs	54,174	11,421	0	43,370	108,966
Havana	13,517	8,938	0	0	22,455
Homestead	370,260	40,946	165,669	28,792	605,667
JEA	5,658,250	3,967,813	2,613,583	55,000	12,294,646
Keys Energy Services	401,690	352,942	0	1,896	756,528
Kissimmee Utility Authority	1,050,334	572,583	148,344	21,070	1,792,332
Lake Worth Utilities	293,381	171,192	0	3,812	468,385
Lakeland Electric	1,723,295	882,364	749,626	29,032	3,384,318
Leesburg	278,802	207,233	216	15,722	501,973
Moore Haven	9,864	6,501	0	311	16,676
Mount Dora	54,806	34,107	0	8,007	96,921
New Smyrna Beach	310,176	138,388	0	3,612	452,177
Newberry	26,505	8,001	1,983	5,980	42,469
Ocala Electric Utility	548,918	174,719	574,043	39,651	1,337,331
Orlando Utilities Commission ^	2,868,489	507,623	3,599,875	207,002	7,182,989
Quincy	46,089	63,308	3,228	15,618	128,243
Starke	25,192	38,864	0	0	64,056
Tallahassee	1,140,276	1,504,416	0	29,833	2,674,525
Wauchula	29,438	30,099	0	1,636	61,173
Williston	13,943	19,784	195	0	33,922
Winter Park	191,080	238,842	0	0	429,922
Rural Electric Cooperative					
Central Florida Electric	387,380	78,337	48,276	42,556	556,549
Choctawhatchee Electric	766,826	134,072	129,001	5,171	1,035,070
Clay Electric	2,356,025	680,528	457,923	638	3,495,114
Escambia River Electric	171,251	36,925	4,672	566	213,414
Florida Keys Electric Cooperative	464,561	99,329	171,004	43,192	778,086
Glades Electric	183,704	38,744	107,885	0	330,333
Gulf Coast Electric	289,127	32,877	26,198	12,234	360,436
Lee County Electric	3,280,720	1,285,763	0	13,762	4,580,244
Okefenoke Rural Electric ^^	162,485	12,359	0	3,069	177,912
Peace River Electric	763,899	344,266	0	11,903	1,120,068
Sumter Electric	2,623,482	847,569	418,264	2,313	3,891,628
Suwannee Valley Electric	322,487	114,365	119,076	0	555,929
Talquin Electric	698,427	159,602	123,067	6,098	987,194
Tri-County Electric	183,679	56,229	106,038	9,274	355,220
West Florida Electric	322,539	37,804	115,727	35,299	511,369
Withlacoochee River Electric	3,213,590	1,134,223	168,232	20,798	4,536,843
Respondent Total ^^^	**135,721,946**	**88,557,894**	**20,309,330**	**6,536,207**	**251,125,376**

* Street and highway lighting, sales to public authorities, and interdepartmental sales. Other includes: NUG, oil, net interchange, non-solar renewables, and other.

** Effective January 1, 2022, Gulf Power Company's data is consolidated with Florida Power & Light Company.

*** Formerly known as Reedy Creek Improvement District.

^ The City of St. Cloud is included in the figures of Orlando Utilities Commission.

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

^^^ May not total due to rounding.

Source: Responses to staff data request.

Table 27

Sales for Resale for Selected Utilities
(Megawatt-Hours)
2023

Utility	Sales for Resale	Total Retail Sales *	Total Sales	Resales as Percentage of Total
Investor-Owned				
Duke Energy Florida, LLC	2,600,501	40,832,186	43,432,687	5.99%
Florida Power & Light Company **	12,782,320	127,903,793	140,686,113	9.09
Tampa Electric Company	254,052	20,790,700	21,044,752	1.21
Municipal				
Central Florida Tourism Oversight District ***	7,287	1,153,210	1,160,497	0.63%
Gainesville Regional Utilities	0	1,812,090	1,812,090	0.00%
JEA	63,077	12,294,646	12,357,723	0.51
Orlando Utilities Commission ^	1,245,777	7,182,989	8,428,766	14.78
Tallahassee	431,272	2,674,525	3,105,796	13.89
Rural Electric Cooperative				
PowerSouth Energy ^^	2,207,390	0	2,207,390	100%
Seminole Electric Cooperative ^^	15,895,000	0	15,895,000	100
Talquin Electric	2,853	987,194	990,047	0.29

* Includes residential, commercial, industrial, and other customers.

** Effective January 1, 2022, Gulf Power Company's data is consolidated with Florida Power & Light Company.

*** Formerly known as Reedy Creek Improvement District.

^ The City of St. Cloud is included in the figures of Orlando Utilities Commission.

^^ Wholesale-only generating utility.

Source: Florida Public Service Commission, 2022 Annual Report, FERC Form No. 1, pp. 301 and 311; Responses to staff data request.

Table 28

Retail Sales by Class of Service
(Gigawatt-Hours)
2019-2023

Year	Residential	Commercial	Industrial	Other *	Total Retail Sales
2019	121,825	86,777	17,248	6,683	232,533
2020	127,550	83,012	17,036	6,443	234,041
2021	124,693	84,527	17,443	6,501	233,164
2022	128,138	87,107	17,897	6,685	239,827
2023	129,913	88,228	17,613	6,669	242,423

* Street and highway lighting, sales to public authorities, and interdepartmental sales. Other also includes: NUG, oil, net interchange, non-solar renewables, and other.

Source: Florida Public Service Commission, 2022 Statistics of the Florida Electric Utility Industry; Florida Reliability Coordinating Council, Regional Load and Resource Plan, State Supplement (July 2024), FRCC Form 4.0, p. S-2.

Table 29

Retail Sales by Percentage of Class of Service *
2014-2023

Year	Residential	Commercial	Industrial	Other **
2014	51.41%	33.63%	11.43%	3.53%
2015	52.34	37.81	7.10	2.75
2016	52.28	36.06	8.83	2.84
2017	52.07	36.20	8.84	2.89
2018	52.36	36.10	8.70	2.84
2019	52.85	36.09	8.07	2.98
2020	54.97	34.29	8.09	2.65
2021	53.91	35.08	8.33	2.67
2022	53.92	35.15	8.26	2.68
2023	54.05	35.26	8.09	2.60

* May not total due to rounding.

** Street and highway lighting, sales to public authorities, and interdepartmental sales. Other also includes: NUG, oil, net interchange, non-solar renewables, and other.

Source: Florida Public Service Commission, 2022 Statistics of the Florida Electric Utility Industry; Table 26.

Revenues

Table 30

Revenues by Class of Service *
(Thousands)
2014-2023

Year	Residential	Commercial	Industrial	Other **	Total ***
2014	$13,808,364	$7,325,378	$2,321,203	$826,222	$24,281,166
2015	14,235,700	8,419,986	1,347,946	678,308	24,681,940
2016	13,550,470	7,495,717	1,622,082	680,756	23,349,025
2017	14,066,932	7,831,125	1,638,485	684,875	24,221,417
2018	14,503,170	7,925,426	1,535,191	712,436	24,676,222
2019	14,856,666	8,010,233	1,514,729	722,025	25,103,653
2020	15,000,909	7,315,272	1,420,913	722,025	24,459,119
2021	15,488,798	7,982,568	1,562,905	699,029	25,733,300
2022	18,589,960	9,735,150	1,918,623	805,520	31,049,253
2023	20,567,343	10,504,113	1,901,423	924,256	33,897,137

* The amounts shown reflect revenues for all Florida electric utilities (investor-owned, municipal, and rural electric cooperative).

** Street and highway lighting, sales to public authorities, and interdepartmental sales. Other also includes: NUG, oil, net interchange, non-solar renewables, and other.

*** May not total due to rounding..

Source: Florida Public Service Commission, 2022 Statistics of the Florida Electric Utility Industry; Responses to staff data request.

Table 31

Revenues by Percentage of Class of Service *

2014-2023

Year	Residential	Commercial	Industrial	Other **
2014	56.9%	30.2%	9.6%	3.4%
2015	57.7	34.1	5.5	2.7
2016	58.0	32.1	6.9	2.9
2017	58.1	32.3	6.8	2.8
2018	58.8	32.1	6.2	2.9
2019	59.2	31.9	6.0	2.9
2020	61.5	30.0	5.8	2.7
2021	60.2	31.0	6.1	2.7
2022	59.9	31.4	6.2	2.6
2023	60.7	31.0	5.6	2.7

* May not total due to rounding.

** Street and highway lighting, sales to public authorities, and interdepartmental sales. Other also includes: NUG, oil, net interchange, non-solar renewables, and other.

Source: Florida Public Service Commission, 2022 Statistics of the Florida Electric Utility Industry; Responses to staff data request; Table 30.

Number of Customers

Table 32

Number of Customers

2019-2023

Utility	2019	2020	2021	2022	2023	Compound Growth Rate
Investor-Owned						
Duke Energy Florida, LLC	1,843,639	1,863,801	1,879,651	1,933,053	1,968,213	1.65%
Florida Power & Light Company *	5,529,792	5,610,607	5,691,917	5,803,850	5,888,720	1.58
Florida Public Utilities Company	31,829	32,334	32,688	32,866	33,138	1.01
Tampa Electric Company	771,960	786,048	802,050	819,766	834,144	1.96
Total Investor-Owned **	8,177,220	8,292,790	8,406,306	8,589,535	8,724,215	1.63
Municipal						
Alachua	4,610	4,638	4,711	4,793	4,858	1.32%
Bartow	12,470	12,550	12,668	12,739	12,885	0.82
Beaches Energy Services	34,839	34,555	34,971	35,099	35,255	0.30
Blountstown	1,309	1,313	1,316	1,314	1,324	0.29
Bushnell	1,186	1,602	1,605	1,630	1,639	8.42
Central Florida Tourism Oversight District ***	1,539	1,532	1,555	1,529	1,544	0.08
Chattahoochee	1,117	1,100	1,122	1,123	1,136	0.42
Clewiston	4,405	4,478	4,490	4,495	4,507	0.57
Fort Meade	2,657	2,693	2,728	2,738	2,746	0.83
Fort Pierce Utilities Authority	28,582	28,784	28,906	29,066	29,314	0.63
Gainesville Regional Utilities	98,324	99,714	101,117	101,051	103,865	1.38
Green Cove Springs	4,290	4,395	4,459	4,620	4,554	1.50
Havana	1,462	1,457	1,466	1,497	1,487	0.42
Homestead	25,511	23,981	27,293	26,429	26,503	0.96
JEA	481,750	491,465	500,780	511,862	523,415	2.10
Keys Energy Services	30,610	30,908	31,322	31,542	31,780	0.94
Kissimmee Utility Authority	77,574	80,570	83,542	86,227	91,630	4.25
Lake Worth Utilities	27,361	26,935	27,286	27,802	28,315	0.86
Lakeland Electric	132,211	135,532	138,488	137,691	141,053	1.63
Leesburg	25,740	26,128	28,351	28,351	28,793	2.84
Moore Haven	1,164	1,118	1,177	964	960	-4.70
Mount Dora	5,886	5,951	6,059	6,124	6,148	1.09
New Smyrna Beach	28,795	29,659	29,979	30,827	31,036	1.89
Newberry	1,980	2,092	2,297	2,462	2,557	6.60
Ocala Electric Utility	54,183	54,666	55,032	55,997	57,113	1.33
Orlando Utilities Commission ^	330,564	338,327	347,870	357,988	364,347	2.46
Quincy	4,710	4,749	4,783	4,926	4,692	-0.10
Starke	2,787	2,848	2,815	2,975	2,956	1.48
Tallahassee	123,753	125,477	125,912	127,188	123,051	-0.14
Wauchula	2,822	2,846	2,866	2,874	2,858	0.32
Williston	1,737	1,737	1,755	1,634	1,635	-1.50
Winter Park	15,565	14,728	15,543	15,018	15,018	-0.89
Total Municipal **	1,571,493	1,598,528	1,634,264	1,660,575	1,688,974	1.82
Rural Electric Cooperative						
Central Florida Electric	33,942	34,562	35,308	35,781	36,456	1.80%
Choctawhatchee Electric	53,439	55,664	58,073	61,550	64,403	4.78
Clay Electric	178,675	180,390	183,532	188,718	192,181	1.84
Escambia River Electric	11,380	11,647	11,944	12,385	12,855	3.09
Florida Keys Electric Cooperative	32,918	32,562	33,630	33,936	34,377	1.09
Glades Electric	16,540	16,821	16,968	17,328	17,683	1.68
Gulf Coast Electric	20,552	21,048	21,475	21,980	22,498	2.29
Lee County Electric	221,564	226,437	233,150	237,333	246,506	2.70
Okefenoke Rural Electric ^^	10,746	10,890	11,124	11,349	11,474	1.65
Peace River Electric	48,884	51,665	55,206	58,897	63,377	6.71
Sumter Electric	210,815	216,477	222,054	230,909	240,818	3.38
Suwannee Valley Electric	26,876	27,388	28,043	28,636	28,992	1.91
Talquin Electric	54,378	55,191	55,812	56,427	56,970	1.17
Tri-County Electric	18,659	19,081	19,493	19,918	20,118	1.90
West Florida Electric	28,122	28,478	28,898	29,283	29,859	1.51
Withlacoochee River Electric	222,294	224,681	229,911	237,056	249,543	2.93
Total Rural Electric Cooperative **	1,189,784	1,212,982	1,244,621	1,281,486	1,328,110	2.79

* Effective January 1, 2022, Gulf Power Company's data is consolidated with Florida Power & Light Company.

** May not total due to rounding.

*** Formerly known as Reedy Creek Improvement District.

^ The City of St. Cloud is included in the figures of Orlando Utilities Commission.

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

Source: Florida Public Service Commission, 2022 Statistics of the Florida Electric Utility Industry; Responses to staff data request.

Table 33

Number of Customers by Class of Service

December 31, 2023

Utility	Residential	Commercial	Industrial	Other *	Total
Investor-Owned					
Duke Energy Florida, LLC	1,753,585	186,521	1,773	26,334	1,968,213
Florida Power & Light Company **	5,221,471	644,438	15,743	7,068	5,888,720
Florida Public Utilities Company	25,738	4,481	2	2,917	33,138
Tampa Electric Company	742,575	80,622	1,330	9,617	834,144
Total Investor-Owned ***	7,743,369	916,062	18,848	45,936	8,724,215
Municipal					
Alachua	4,089	769	0	0	4,858
Bartow	11,080	1,363	320	122	12,885
Beaches Energy Services	30,442	4,813	0	0	35,255
Blountstown	973	309	0	42	1,324
Bushnell	1,194	399	46	0	1,639
Central Florida Tourism Oversight District ^	9	1,434	0	101	1,544
Chattahoochee	950	117	1	68	1,136
Clewiston	3,548	645	1	313	4,507
Fort Meade	2,452	293	1	0	2,746
Fort Pierce Utilities Authority	24,094	5,218	0	2	29,314
Gainesville Regional Utilities	92,308	11,546	11	0	103,865
Green Cove Springs	3,750	561	0	243	4,554
Havana	1,227	260	0	0	1,487
Homestead	23,485	2,102	611	305	26,503
JEA	462,922	56,255	199	4,039	523,415
Keys Energy Services	27,180	4,527	0	73	31,780
Kissimmee Utility Authority	76,470	11,801	49	3,310	91,630
Lake Worth Utilities	24,417	3,318	0	580	28,315
Lakeland Electric	118,281	14,685	79	8,008	141,053
Leesburg	24,393	3,982	1	417	28,793
Moore Haven	806	123	0	31	960
Mount Dora	5,194	857	0	97	6,148
New Smyrna Beach	27,453	2,459	0	1,124	31,036
Newberry	2,214	237	12	94	2,557
Ocala Electric Utility	45,245	8,056	977	2,835	57,113
Orlando Utilities Commission ^^	242,200	28,064	5,074	89,009	364,347
Quincy	3,921	674	4	93	4,692
Starke	2,205	751	0	0	2,956
Tallahassee	105,308	13,202	0	4,541	123,051
Wauchula	2,279	510	0	69	2,858
Williston	1,149	478	8	0	1,635
Winter Park	12,482	2,536	0	0	15,018
Total Municipal ***	1,383,720	182,344	7,394	115,516	1,688,974
Rural Electric Cooperative					
Central Florida Electric	32,358	2,764	10	1,324	36,456
Choctawhatchee Electric	55,451	8,405	259	288	64,403
Clay Electric	169,629	22,479	34	39	192,181
Escambia River Electric	11,639	1,185	10	21	12,855
Florida Keys Electric Cooperative	28,584	4,703	445	645	34,377
Glades Electric	13,641	3,506	536	0	17,683
Gulf Coast Electric	20,964	979	13	542	22,498
Lee County Electric	222,698	23,786	0	22	246,506
Okefenoke Rural Electric ^^^	10,898	493	0	83	11,474
Peace River Electric	54,793	8,419	0	165	63,377
Sumter Electric	218,869	21,884	30	35	240,818
Suwannee Valley Electric	25,525	3,459	8	0	28,992
Talquin Electric	52,985	3,353	5	627	56,970
Tri-County Electric	18,209	1,612	14	283	20,118
West Florida Electric	26,279	2,751	1	828	29,859
Withlacoochee River Electric	221,266	26,133	1,620	524	249,543
Total Rural Electric Cooperative ***	1,183,788	135,911	2,985	5,426	1,328,110

* Street and highway lighting, sales to public authorities, and interdepartmental sales. Other also includes: NUG, oil, net interchange, non-solar renewables, and other.

** Effective January 1, 2022, Gulf Power Company's data is consolidated with Florida Power & Light Company.

*** May not total due to rounding.

^ Formerly known as Reedy Creek Improvement District.

^^ The City of St. Cloud is included in the figures of Orlando Utilities Commission.

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

Source: Responses to staff data request

Table 34

Investor-Owned Utilities: Customer Count and Population

2023-2032

Utility	Year	Residential	Commercial	Industrial	Other *	Total Customers	Population
Duke Energy Florida, LLC	2023	1,753,585	186,521	1,773	26,334	1,968,213	4,308,553
	2027 **	1,876,494	197,753	1,756	26,586	2,102,589	4,481,068
	2032 **	2,042,017	211,282	1,772	27,014	2,282,085	4,772,194
Florida Power & Light Company (Continued) ***	2023	5,221,471	644,438	15,743	7,068	5,888,720	11,827,634
	2027 **	5,450,738	667,349	15,691	7,891	6,141,669	12,377,799
	2032 **	5,808,531	692,717	15,532	8,609	6,525,389	13,007,101
Tampa Electric Company	2023	742,575	80,622	1,330	9,617	834,144	1,541,531
	2027 **	794,608	84,369	1,322	9,879	890,178	1,650,693
	2032 **	852,292	89,270	1,315	10,217	953,094	1,770,488

* Other includes: NUG, oil, net interchange, non-solar renewables, and other.

** Projected.

*** Effective January 1, 2022, Gulf Power Company's data is consolidated with Florida Power & Light Company.

Source: Florida Public Service Commission, Utilities' Ten-Year Site Plan (April 2024), Schedule Nos. 2.1, 2.2, and 2.3; Table 33.

Prices

Typical Electric Bill Comparison - Residential Charges *

December 31, 2023

Investor-Owned	Minimum Bill or Customer Charge	100 kWh	250 kWh	500 kWh	750 kWh	1,000 kWh	1,500 kWh
Duke Energy Florida, LLC	$12.51	$29.08	$53.97	$95.41	$136.87	$178.29	$272.22
Florida Power & Light Company	9.48	21.77	40.25	71.00	101.75	132.50	203.98
FPL - NW Division **	9.48	23.62	44.86	80.22	115.58	150.93	231.63
Florida Public Utilities Company	16.95	32.36	55.48	94.02	132.55	171.07	261.96
Tampa Electric Company	21.30	34.87	55.25	89.21	123.16	157.10	235.64

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

** Effective January 1, 2022, Gulf Power Company's data is consolidated with Florida Power & Light Company. The transition rider/credit, and a storm restoration surcharge is assessed only to the FP&L NW customer accounts for the difference in bills. All other rates are consolidated.

Continued

Table 35, Page 2 of 3

Typical Electric Bill Comparison - Residential Charges *

December 31, 2023

Municipal	Minimum Bill or Customer Charge	100 kWh	250 kWh	500 kWh	750 kWh	1,000 kWh	1,500 kWh
Alachua	$9.14	$17.48	$29.99	$50.84	$71.69	$92.54	$139.34
Bartow	8.70	19.57	35.87	63.04	90.21	117.37	171.71
Beaches Energy Services	4.50	18.25	38.88	73.27	107.65	142.03	210.80
Blountstown	5.01	18.68	39.18	73.35	107.52	141.69	210.03
Bushnell	10.00	22.57	41.41	72.83	104.24	135.65	198.48
Central Florida Tourism Oversight District **	2.85	13.83	30.30	57.74	85.19	112.63	167.52
Chattahoochee	10.15	20.25	35.40	60.65	85.90	111.14	161.64
Clewiston	6.81	15.18	27.73	53.91	77.46	101.01	148.11
Fort Meade	12.96	24.32	41.36	69.76	98.16	126.56	183.36
Fort Pierce Utilities Authority	7.06	18.39	35.37	63.69	92.00	123.37	186.12
Gainesville Regional Utilities	17.00	29.46	48.15	79.30	110.45	145.73	221.78
Green Cove Springs	12.00	21.50	35.75	59.50	84.25	107.00	160.50
Havana	12.60	25.94	45.95	79.28	112.63	145.96	212.64
Homestead	5.60	17.70	35.85	66.10	96.35	126.60	187.10
JEA	15.00	25.18	40.44	65.88	91.32	116.75	167.63
Keys Energy Services	26.00	37.01	53.50	81.01	108.50	136.00	191.01
Kissimmee Utility Authority	10.17	19.87	34.43	58.68	82.94	107.19	162.03
Lake Worth Utilities	11.08	21.46	37.02	62.98	88.92	114.86	177.26
Lakeland Electric	11.00	20.84	35.60	60.20	84.80	109.40	162.20
Leesburg	15.00	26.29	43.24	71.47	99.71	127.94	195.69
Moore Haven	9.14	18.98	33.74	58.35	82.95	107.55	156.76
Mount Dora	11.80	22.65	38.92	66.03	93.14	120.25	174.48
New Smyrna Beach	8.25	19.40	36.12	63.98	91.85	119.71	183.21
Newberry	9.64	22.09	40.77	71.89	103.02	134.14	196.39
Ocala Electric Utility	17.00	31.56	53.41	89.82	126.23	162.64	235.46
Orlando Utilities Commission	17.50	28.95	46.13	74.76	130.37	132.00	201.76
Quincy	6.00	16.22	31.55	57.11	82.66	108.21	159.32
Starke	6.45	17.68	34.53	62.60	90.68	118.75	185.90
Tallahassee	9.40	21.71	40.18	70.96	101.74	132.51	194.07
Wauchula	9.10	17.94	31.20	53.30	75.40	97.50	141.70
Williston	8.71	18.15	32.31	55.92	79.52	103.12	150.33
Winter Park	16.98	26.21	40.08	63.17	86.27	109.36	171.63

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

** Formerly known as Reedy Creek Improvement District.

Continued

Typical Electric Bill Comparison - Residential Charges *

December 31, 2023

Rural Electric Cooperative	Minimum Bill or Customer Charge	100 kWh	250 kWh	500 kWh	750 kWh	1,000 kWh	1,500 kWh
Central Florida Electric	$32.50	$42.20	$56.75	$81.00	$105.25	$129.50	$191.00
Choctawhatchee Electric	26.00	35.88	50.70	75.38	100.08	124.76	174.00
Clay Electric	32.00	40.80	54.00	76.00	98.00	120.00	169.65
Escambia River Electric	42.00	53.60	71.00	100.00	129.00	158.00	216.00
Florida Keys Electric Cooperative	30.00	38.69	51.72	73.45	95.17	116.89	176.84
Glades Electric	45.00	55.88	72.19	99.38	126.57	153.75	226.88
Gulf Coast Electric	35.00	45.09	60.22	85.44	110.65	135.87	186.31
Lee County Electric	18.00	29.28	46.20	74.40	105.20	136.00	202.95
Okefenoke Rural Electric **	35.00	45.16	60.40	85.81	111.21	136.62	187.42
Peace River Electric	28.00	38.00	53.00	78.00	103.00	128.00	183.00
Sumter Electric	34.50	42.71	55.03	75.55	96.08	116.60	167.65
Suwannee Valley Electric	36.30	46.49	61.78	87.25	112.00	138.20	205.70
Talquin Electric	40.00	50.21	65.53	91.05	116.58	142.10	206.23
Tri-County Electric	28.00	40.10	58.25	88.50	118.75	149.00	221.50
West Florida Electric	35.00	45.46	61.14	87.28	113.42	139.56	191.84
Withlacoochee River Electric	39.16	48.15	61.63	84.11	106.58	129.05	175.13

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

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

Source: Florida Public Service Commission, Comparative Rate Statistics (December 2023), pp. A-1, A-2, and A-3.

Table 36, Page 1 of 3

Typical Electric Bill Comparison - Commercial and Industrial Charges *

December 31, 2023

Investor-Owned	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
Duke Energy Florida, LLC	$2,375	$6,195	$20,612	$50,952	$101,888
Florida Power & Light Company	2,262	5,486	16,641	39,226	74,991
FPL - NW Division **	2,288	5,906	19,621	45,656	89,411
Florida Public Utilities Company	2,400	6,689	22,320	57,066	113,975
Tampa Electric Company	2,211	5,298	17,585	39,913	79,240

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

** Effective January 1, 2022, Gulf Power Company's data is consolidated with Florida Power & Light Company. The transition rider/credit, and a storm restoration surcharge is assessed only to the FP&L NW customer accounts for the difference in bills. All other rates are consolidated.

Continued

Typical Electric Bill Comparison - Commercial and Industrial Charges *

December 31, 2023

Municipal	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	$1,499	$3,854	$12,741	$31,446	$62,846
Bartow	1,917	5,010	16,652	41,269	82,517
Beaches Energy Services	2,492	6,806	22,647	57,532	115,048
Blountstown	2,306	6,899	22,974	61,246	122,482
Bushnell	2,210	6,025	20,030	50,893	101,763
Central Florida Tourism Oversight District **	1,739	4,586	15,240	37,984	75,948
Chattahoochee	1,649	4,687	15,564	39,621	79,217
Clewiston	1,653	4,603	15,258	39,370	78,703
Fort Meade	1,856	5,169	17,132	42,782	85,522
Fort Pierce Utilities Authority	1,976	5,238	19,691	47,288	94,530
Gainesville Regional Utilities	2,690	6,983	23,016	55,855	111,315
Green Cove Springs	1,783	4,610	15,250	34,925	69,625
Havana	2,013	6,014	20,017	53,357	106,701
Homestead	2,105	5,766	19,136	48,846	97,656
JEA	1,859	4,577	14,824	37,238	73,726
Keys Energy Services	2,452	6,506	21,791	54,016	108,076
Kissimmee Utility Authority	1,853	4,781	15,806	39,094	78,132
Lake Worth Utilities	2,370	5,893	19,326	47,109	94,081
Lakeland Electric	1,672	4,305	14,735	35,253	70,031
Leesburg	2,048	5,080	17,290	40,853	84,653
Moore Haven	1,815	4,642	15,389	37,734	75,432
Mount Dora	1,444	3,793	12,582	31,347	62,667
New Smyrna Beach	2,103	5,642	18,006	45,273	90,501
Newberry	2,192	5,705	18,911	43,045	86,045
Ocala Electric Utility	2,306	6,346	21,378	54,018	107,986
Orlando Utilities Commission	2,010	5,067	16,816	40,356	80,612
Quincy	1,738	4,478	14,787	36,593	67,666
Starke	2,001	5,985	19,929	53,129	106,249
Tallahassee	2,268	5,407	17,711	41,656	83,224
Wauchula	1,625	4,340	14,385	36,235	72,435
Williston	1,600	4,374	14,300	36,050	72,050
Winter Park	1,674	4,605	15,308	39,108	78,198

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

** Formerly known as Reedy Creek Improvement District.

Continued

Table 36, Page 3 of 3

Typical Electric Bill Comparison - Commercial and Industrial Charges *

December 31, 2023

Rural Electric Cooperative	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 Electric	$1,955	$5,072	$16,674	$41,049	$81,999
Choctawhatchee Electric	1,569	4,164	13,141	33,335	66,627
Clay Electric	1,426	3,793	12,455	31,630	59,765
Escambia River Electric	2,145	5,692	18,852	47,352	94,652
Florida Keys Electric Cooperative	1,726	5,027	16,585	44,086	88,098
Glades Electric	2,404	6,311	20,688	52,250	104,350
Gulf Coast Electric	2,015	4,959	16,425	40,707	81,367
Lee County Electric	1,993	5,395	17,911	45,381	90,731
Okefenoke Rural Electric **	2,329	4,734	15,372	37,121	74,068
Peace River Electric	1,840	4,649	15,380	37,460	74,720
Sumter Electric	1,530	3,923	12,865	31,990	63,890
Suwannee Valley Electric	1,892	5,114	17,050	42,250	84,250
Talquin Electric	1,840	5,110	17,230	39,822	79,294
Tri-County Electric	2,265	5,820	19,050	47,550	94,950
West Florida Electric	1,744	4,284	14,136	33,838	67,576
Withlacoochee River Electric	1,518	4,004	13,244	33,194	66,344

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

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

Source: Florida Public Service Commission, Comparative Rate Statistics (December 2023), pp. A-4, A-5, and A-6.

Economic and Financial Indicators

Table 37

Population (Thousands) 2014-2023

Year	Florida Population	National Population
2014	19,893	318,857
2015	20,271	321,419
2016	20,612	323,128
2017	20,984	325,719
2018	21,299	327,167
2019	21,477	328,240
2020	21,538	331,449
2021	21,784	331,894
2022	22,245	333,288
2023	22,611	334,915
Compound Annual Growth Rate, 2014-2023	1.43%	0.55%
Compound Annual Growth Rate, 2019-2023	1.29%	0.50%

Source: U.S. Census Bureau, State & County Quick Facts (July 2023), 2023 Population estimate. Retrieved from https://www.census.gov/quickfacts/fact/table/US/PST045222

Table 38

Projected Population (Thousands) 2025-2045

Year	Florida Population	National Population
2025	23,292	338,016
2035	25,815	350,861
2045	27,409	358,438
Compound Annual Growth Rate, 2025-2045	0.86%	0.31%

Sources: The Office of Economic & Demographic Research (April 2023), Data: 2023 Population by County: Projections of Florida Population by County (EDR - 2025-2050). Retrieved from http://edr.state.fl.us/Content/population-demographics/data/MediumProjections_2023.pdf

U.S. Census Bureau, Population Projections and size (November 2023), 2017 National Population Projections Tables: Summary Tables, Projections of population size: Table 1. Projected population size and components of change (CSV - 2023 to 2060). Retrieved from https://www.census.gov/data/tables/2023/demo/popproj/2023-summary-tables.html

Table 39

Consumer Price Index
All Urban Consumers
Annual Rate of Change
2014-2023

Year	All Urban Consumers
2014	1.6%
2015	0.1
2016	1.3
2017	2.1
2018	2.4
2019	1.8
2020	1.2
2021	4.7
2022	8.0
2023	4.1

Source: U.S. Government Publishing Office, Economic Indicators (January 2024), Prices: Changes in Consumer Prices - All Urban Consumers. Retrieved from https://www.govinfo.gov/content/pkg/ECONI-2024-01/pdf/ECONI-2024-01.pdf

Table 40

Consumer Price Index
For All Items and Energy Total
2014-2023

Year	All Items	Energy Total *
2014	236.7	243.5
2015	237.0	202.9
2016	240.0	189.5
2017	245.1	204.5
2018	251.1	219.9
2019	255.7	215.3
2020	258.8	196.9
2021	271.0	238.3
2022	292.7	298.3
2023	304.7	283.3

* Includes household energy (electricity, gas, fuel, oil, etc.).

Source: U.S. Government Publishing Office, Economic Indicators (January 2024), Prices: Consumer Prices - All Urban Consumers. Retrieved from http://www.gpo.gov/fdsys/browse/collection.action?collectionCode=ECONI

Table 41

Producer Price Index
Total Finished Goods and Capital Equipment
2014-2023

Year	Finished Goods	Capital Equipment
2014	191.9	167.7
2015	189.8	169.3
2016	195.6	170.6
2017	201.3	172.0
2018	201.7	176.7
2019	206.8	178.8
2020	207.6	181.2
2021	234.7	194.2
2022	257.5	209.6
2023	254.3	215.2

Source: U.S. Department of Labor, Bureau of Labor and Statistics (January 2024), Producer Price Index. Retrieved from https://www.bls.gov/news.release/archives/ppi_02162023.htm

Glossary

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.

Average rate of return - This method of appraisal measures the net return from an investment as a percentage of its original cost.

Average Adjusted Rate of Return –This method of appraisal measures the net return from an investment as a percentage of its original cost to include Florida Public Service Commission (FPSC) approved adjustments.

FPSC Authorized Rate of Return - This method of appraisal measures the midpoint rate of return based on the FPSC approved return on equity and utility financial statements.

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.

Customer-Owned Solar Photovoltaic Generation – Customers who install renewable energy generation systems (RGS) on their homes or businesses, such as solar photovoltaic (PV) systems, can interconnect with the distribution system and receive a billing credit for the solar energy they do not use.

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

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

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

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

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

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

Capability Margin/Reserve Margin – The difference between net system capability and system maximum load requirements, operating requirements, and unforeseen loads.

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

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

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

Installed Generating – See **Nameplate Rating**.

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

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

Renewable Generation Capacity – is generally defined as energy that is collected from resources which are naturally replenished on a human timescale, such as sunlight, wind, rain, tides, waves, and geothermal heat.

Reserve:

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

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

Margin of – See **Capability Margin**.

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

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

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

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

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

Sales to Ultimate Customers: *

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

Sales for Resale (Other Electric Utilities):

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Demand Continued

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

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

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

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

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

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

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

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

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

Fuel Costs (Most Commonly Used by Electric Utility Companies)

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

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

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

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

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

Fuel Efficiency – See **Heat Rate**.

Fuel for Electric Generation – Includes all types of fuel (solid, liquid, gaseous, and nuclear) used exclusively for the production of electric energy.

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

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

Gas - MCF – 1,000 cubic feet of gas.

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

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

Atomic – See **Nuclear**.

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

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.

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

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

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

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

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

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

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

Industrial – See **Commercial and Industrial**.

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

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

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

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

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

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

Large Light and Power – See **Classes of Electric Services, Sales to Ultimate Customers**.

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.

Loss (Losses) Continued

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Renewable Generation Capacity – See **Capacity**.

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.

Solar Photovoltaic (PV) – These devices generate electricity directly from sunlight via an electronic process that occurs naturally in certain types of material, called semiconductors. Electrons in these materials are freed by solar energy and can be induced to travel through an electrical circuit, powering electrical devices or sending electricity to the grid.

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

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

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

System Load – See **Demand**.

System Loss – See **Loss (Losses)**.

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

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

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

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

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

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

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

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

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

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