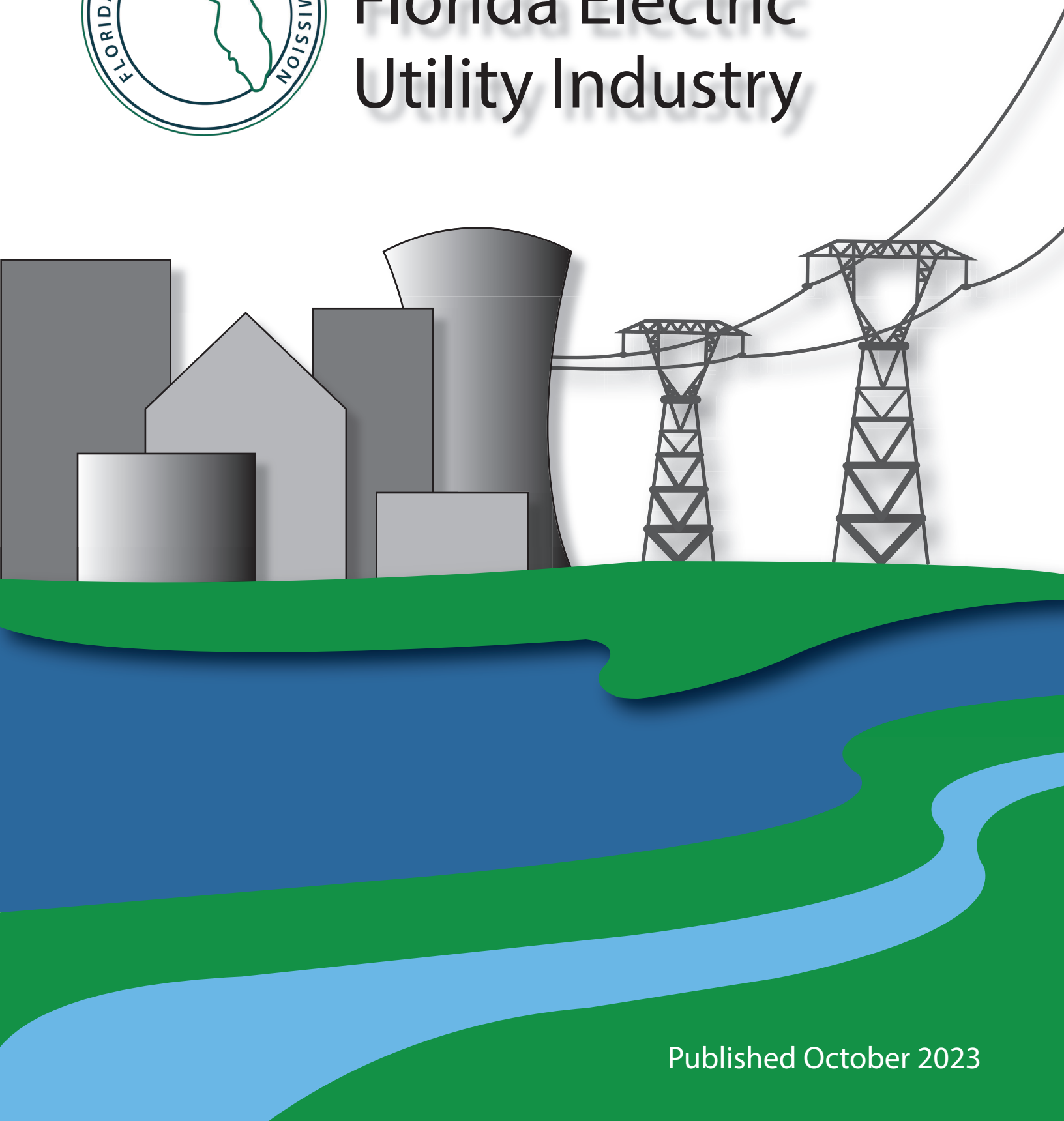
STATISTICS OF THE

Florida Electric Utility Industry



Published October 2023

Statistics of the
Florida Electric Utility Industry
2022

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

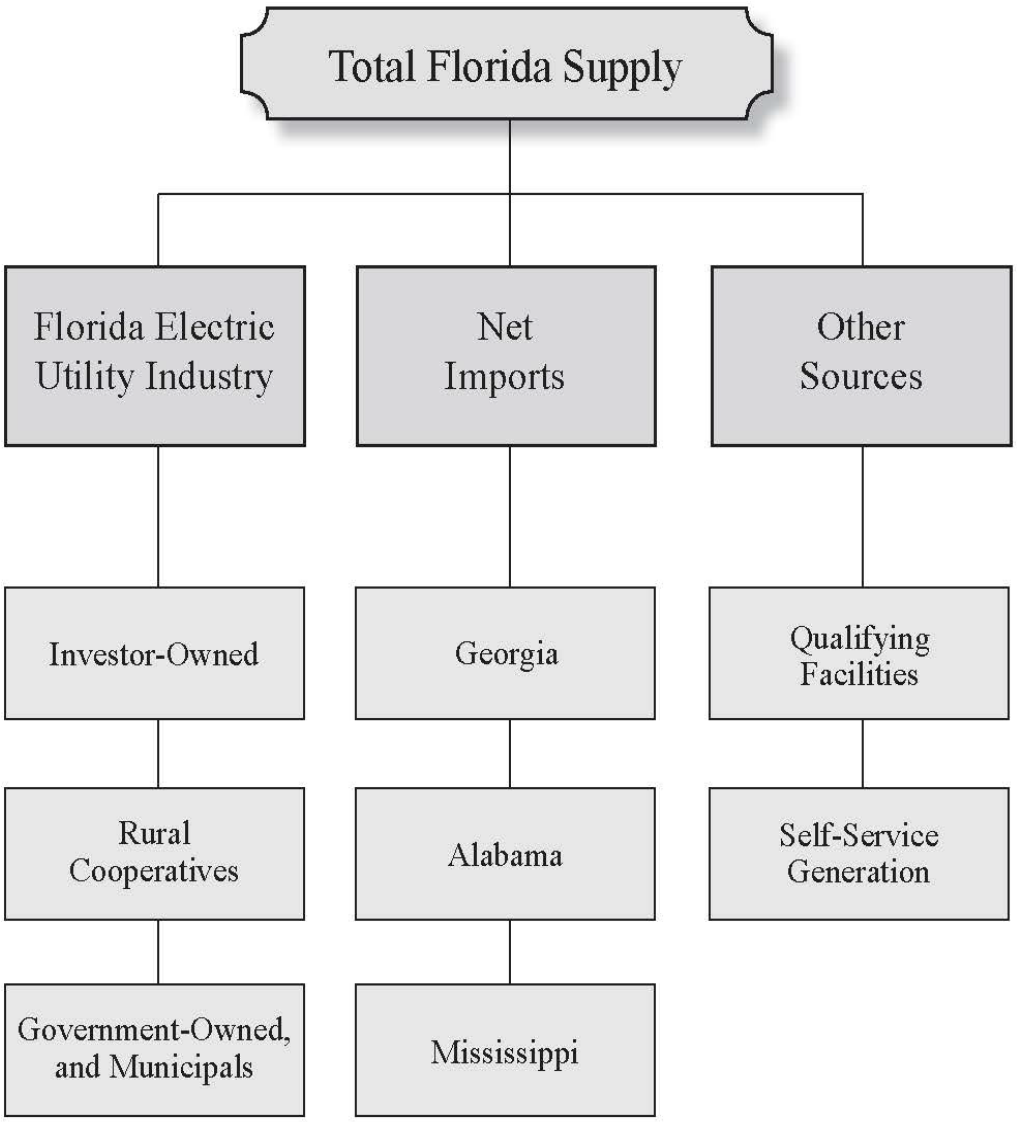
Peak Load = That 60 minute demand interval for which gross generated MWh was highest for the year.

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.

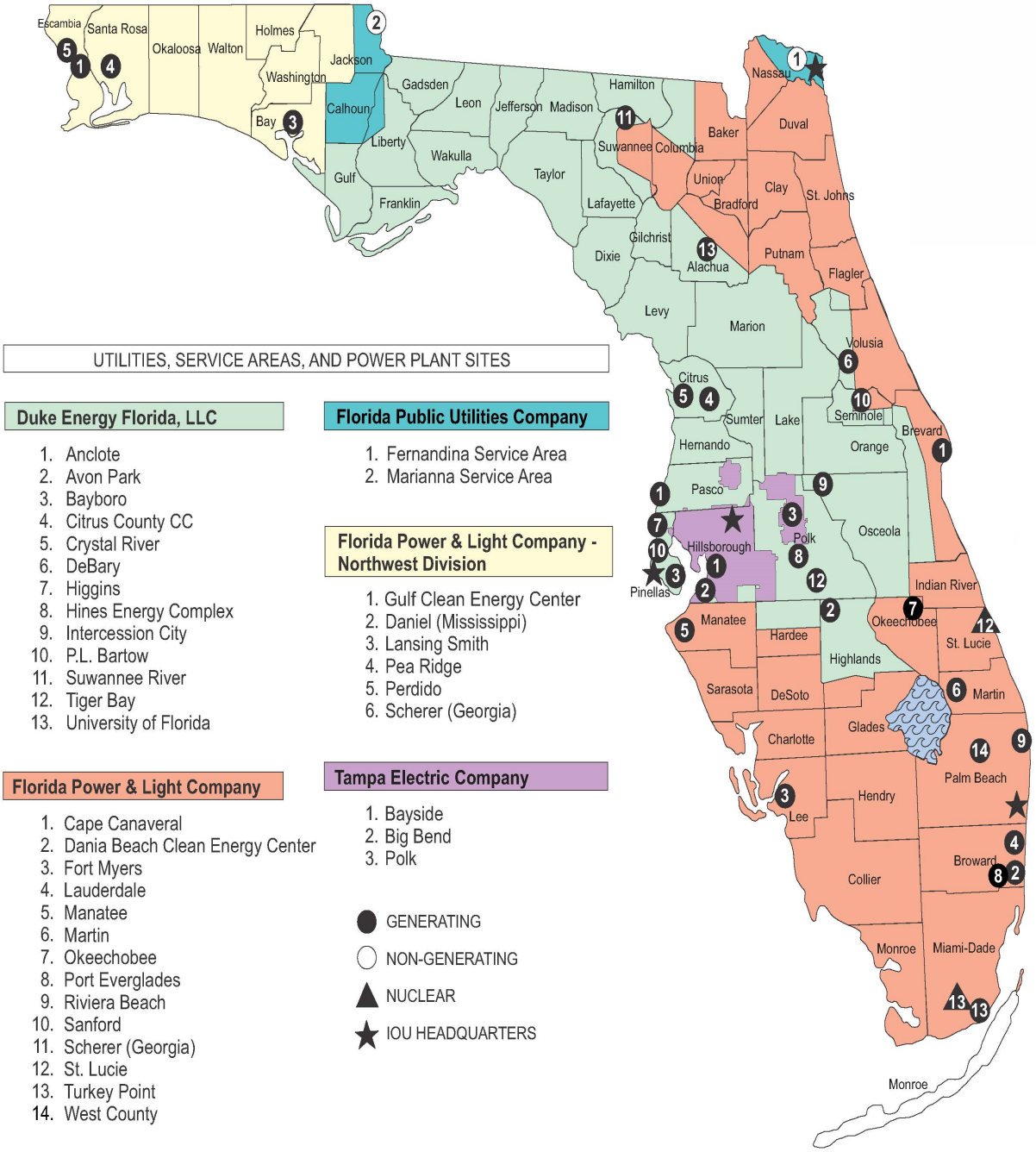
Overview

Florida Sources of Electricity by Type of Ownership



Investor-Owned Electric

2022

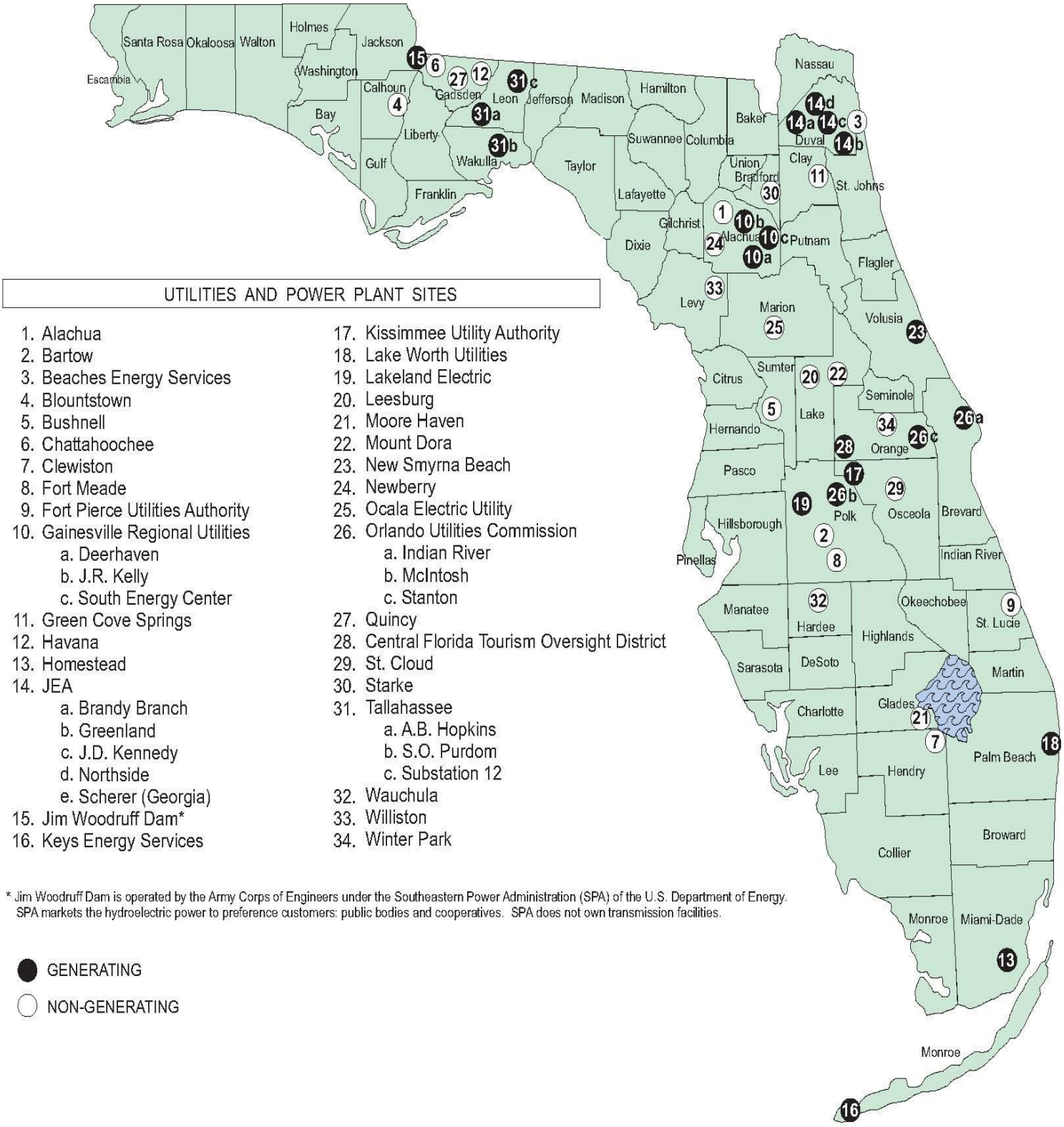


* Excludes solar generation. Service areas are approximations. Information on this map should be used only as a general guideline. For more detailed information, contact individual utilities.

Source: Florida Public Service Commission.

Municipal Electric

2022



UTILITIES AND POWER PLANT SITES

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

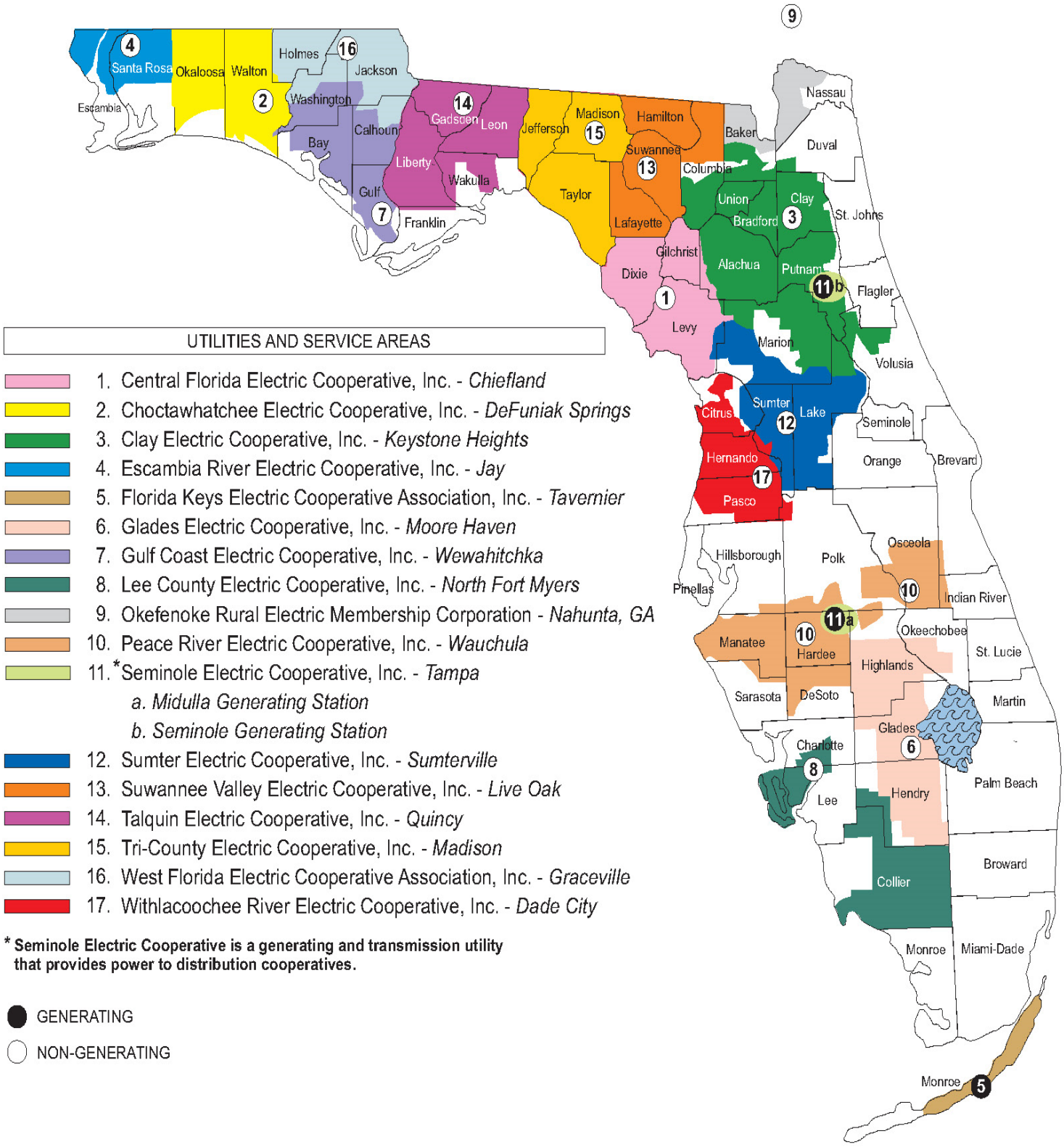
○ NON-GENERATING

* 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

2022



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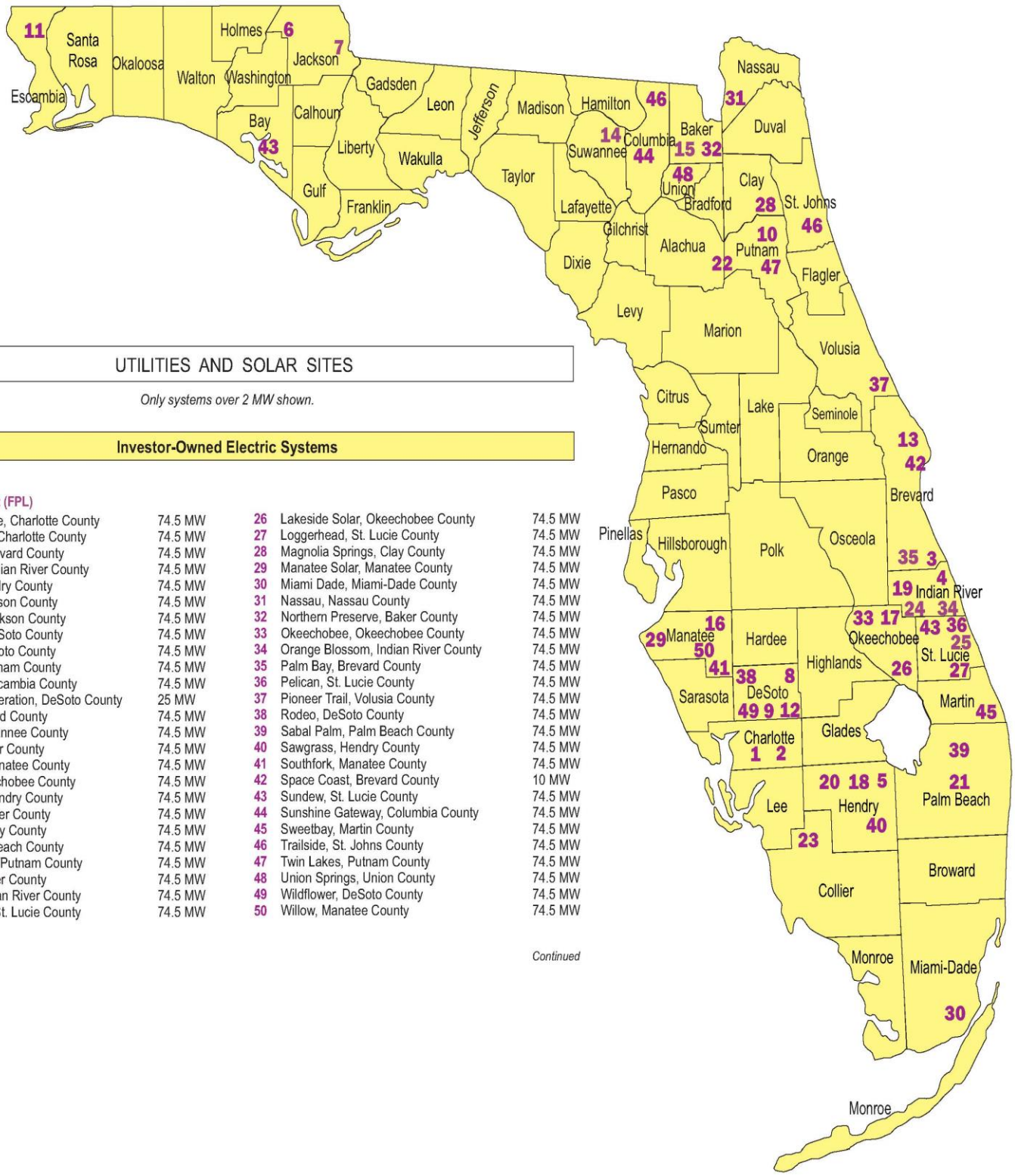
Source: Florida Public Service Commission.

Florida Solar Electric

2022



UTILITIES AND SOLAR SITES

Only systems over 2 MW shown.

Investor-Owned Electric Systems

Florida Power & Light (FPL)

1	Babcock Preserve, Charlotte County	74.5 MW
2	Babcock Ranch, Charlotte County	74.5 MW
3	Barefoot Bay, Brevard County	74.5 MW
4	Blue Cypress, Indian River County	74.5 MW
5	Blue Heron, Hendry County	74.5 MW
6	Blue Indigo, Jackson County	74.5 MW
7	Blue Springs, Jackson County	74.5 MW
8	Cattle Ranch, DeSoto County	74.5 MW
9	Citrus Solar, DeSoto County	74.5 MW
10	Coral Farms, Putnam County	74.5 MW
11	Cotton Creek, Escambia County	74.5 MW
12	Desoto Next Generation, DeSoto County	25 MW
13	Discovery, Brevard County	74.5 MW
14	Echo River, Suwannee County	74.5 MW
15	Egret Solar, Baker County	74.5 MW
16	Elder Branch, Manatee County	74.5 MW
17	Fort Drum, Okeechobee County	74.5 MW
18	Ghost Orchid, Hendry County	74.5 MW
19	Grove, Indian River County	74.5 MW
20	Hammock, Hendry County	74.5 MW
21	Hibiscus, Palm Beach County	74.5 MW
22	Horizon, Alachua/Putnam County	74.5 MW
23	Immokalee, Collier County	74.5 MW
24	Indian River, Indian River County	74.5 MW
25	Interstate Solar, St. Lucie County	74.5 MW
26	Lakeside Solar, Okeechobee County	74.5 MW
27	Loggerhead, St. Lucie County	74.5 MW
28	Magnolia Springs, Clay County	74.5 MW
29	Manatee Solar, Manatee County	74.5 MW
30	Miami Dade, Miami-Dade County	74.5 MW
31	Nassau, Nassau County	74.5 MW
32	Northern Preserve, Baker County	74.5 MW
33	Okeechobee, Okeechobee County	74.5 MW
34	Orange Blossom, Indian River County	74.5 MW
35	Palm Bay, Brevard County	74.5 MW
36	Pelican, St. Lucie County	74.5 MW
37	Pioneer Trail, Volusia County	74.5 MW
38	Rodeo, DeSoto County	74.5 MW
39	Sabal Palm, Palm Beach County	74.5 MW
40	Sawgrass, Hendry County	74.5 MW
41	Southfork, Manatee County	74.5 MW
42	Space Coast, Brevard County	10 MW
43	Sundew, St. Lucie County	74.5 MW
44	Sunshine Gateway, Columbia County	74.5 MW
45	Sweetbay, Martin County	74.5 MW
46	Trailside, St. Johns County	74.5 MW
47	Twin Lakes, Putnam County	74.5 MW
48	Union Springs, Union County	74.5 MW
49	Wildflower, DeSoto County	74.5 MW
50	Willow, Manatee County	74.5 MW

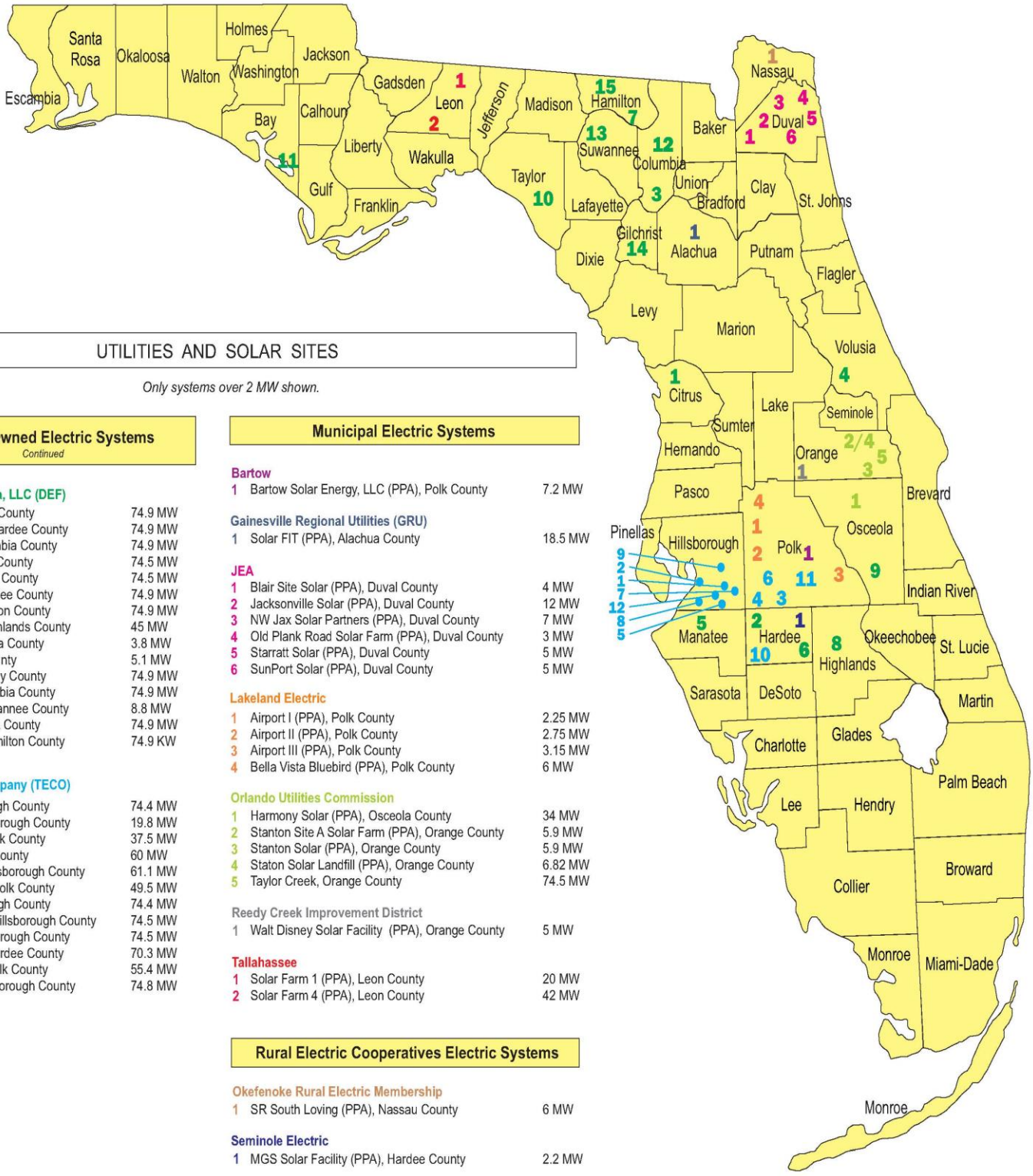
Continued

* 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

2022



UTILITIES AND SOLAR SITES

Only systems over 2 MW shown.

Investor-Owned Electric Systems

Continued

Duke Energy Florida, LLC (DEF)

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
8	Lake Placid, Highlands County	45 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, Columbia 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)

1	Balm, Hillsborough County	74.4 MW
2	Big Bend, Hillsborough County	19.8 MW
3	Bonnie Mine, Polk County	37.5 MW
4	Durrance, Polk County	60 MW
5	Grange Hall, Hillsborough County	61.1 MW
6	Lake Hancock, Polk County	49.5 MW
7	Lithia, Hillsborough County	74.4 MW
8	Little Manatee, Hillsborough County	74.5 MW
9	Magnolia, Hillsborough County	74.5 MW
10	Payne Creek, Hardee County	70.3 MW
11	Peace Creek, Polk County	55.4 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

Reedy Creek Improvement District

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
2022

Investor-Owned

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

Generating Municipal

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 ***
Reedy Creek Improvement District
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.

** 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
2022

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, Bradford, Brevard, Broward, Charlotte, Clay, Collier, Columbia, DeSoto, Duval, Flagler, Glades, Hardee, Hendry, Highlands, Indian River, Lee, Manatee, Martin, Miami-Dade, Monroe, Nassau, Okeechobee, Palm Beach, Putnam, St. Johns, St. Lucie, Sarasota, Seminole, Suwannee, Union, Volusia
Tampa Electric Company	Hillsborough, Pasco, Pinellas, Polk
Municipal	
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
Reedy Creek Improvement District	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.

** 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
2022

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
2018-2022

	2018	2019	2020	2021	2022
Total Installed Capacity (Megawatts) *	56,359	57,758	57,113	57,408	58,922
Installed Capacity by Fuel Type (Percentage)					
Natural Gas	63%	62%	70%	64%	61%
Solar	4	5	6	10	12
Coal	20	16	14	14	12
Nuclear	6	6	6	6	6
Other **	7	11	4	6	9
Total *	100%	100%	100%	100%	100%
Energy Sales (Gigawatt-hours)					
Residential	125,089	127,155	133,202	130,203	133,791
Commercial	86,241	86,831	83,101	84,732	87,206
Industrial	20,782	19,418	19,603	20,121	20,494
Other	6,784	7,171	6,417	6,449	6,638
Total	238,896	240,576	242,323	241,506	248,129
Number of Customers (Thousands)					
Residential	9,515	9,584	9,738	9,895	10,117
Commercial	1,164	1,176	1,186	1,206	1,224
Industrial	25	25	24	25	27
Other	157	153	156	159	163
Total	10,861	10,938	11,104	11,285	11,531
Average Residential Bill (1,000 kWh) ***	$113.77	$112.28	$113.20	$126.08	$151.35

* May not total due to rounding.

** Other includes: oil, interchange, non-utility generation, and non-solar renewables.

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

Source: Florida Public Service Commission, 2021 Statistics of the Florida Electric Utility Industry; Florida Public Service Commission, Review of Ten-Year Site Plan, Nov. 2022; Florida Reliability Coordinating Council, Regional Load and Resource Plan, State Supplement (July 2023), FRCC Form 1.0, p. S-7; Responses to staff data request.

Financial Statistics of
Investor-Owned Utilities (IOUs)

Table 1

Rate of Return
2018-2022

	2018	2019	2020	2021	2022
Average per Book Rate of Return					
Duke Energy Florida, LLC	5.94%	5.94%	6.11%	5.68%	5.84%
Florida Power & Light Company *	7.29	7.45	7.44	7.51	7.31
Tampa Electric Company	6.26	6.23	6.47	5.90	6.35
Average Adjusted Rate of Return					
Duke Energy Florida, LLC	5.92%	6.40%	6.43%	5.87%	6.34%
Florida Power & Light Company *	6.70	6.81	6.84	6.87	6.97
Tampa Electric Company	6.24	6.36	6.48	5.82	6.76
**FPSC Authorized Rate of Return ** **					
Duke Energy Florida, LLC	6.53%	6.27%	6.27%	6.32%	6.17%
Florida Power & Light Company *	6.22	6.32	6.34	6.36	6.52
Tampa Electric Company	6.10	6.32	6.28	6.35	6.46
Adjusted Jurisdictional Year-End Rate Base (Millions)					
Duke Energy Florida, LLC	$13,186	$13,662	$14,883	$16,029	$17,429
Florida Power & Light Company *	36,816	40,897	45,314	48,850	58,279
Tampa Electric Company	6,100	6,556	6,849	7,353	8,392

* 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, 2021 Statistics of the Florida Electric Utility Industry; Florida Public Service Commission, December 2022 Earnings Surveillance Report, Schedule 1.

Table 2

Sources of Revenue
(Percentage of Total Sales) *
2018-2022

	2018	2019	2020	2021	2022
Duke Energy Florida, LLC					
Residential	58.36%	58.50%	60.86%	59.61%	56.94%
Commercial	26.01	25.78	23.84	24.32	24.04
Industrial	5.55	5.25	5.19	5.27	5.40
Other	6.66	6.60	6.03	6.25	6.13
Sales for Resale	3.42	3.87	4.07	4.55	7.49
Total	100%	100%	100%	100%	100%
Total Sales (Millions)	$4,644.95	$4,838.13	$4,757.71	$4,868.10	$5,858.48
**Florida Power & Light Company ** **					
Residential	56.96%	57.26%	59.87%	58.10%	56.63%
Commercial	35.88	35.71	33.44	34.60	33.86
Industrial	1.71	1.64	1.60	1.66	2.45
Other	0.80	0.78	0.79	0.78	0.69
Sales for Resale	4.65	4.61	4.30	4.86	6.37
Total	100%	100%	100%	100%	100%
Total Sales (Millions)	$11,231.75	$11,613.91	$11,115.20	$11,921.52	$16,468.32
Tampa Electric Company					
Residential	53.12%	53.57%	55.77%	54.30%	55.77%
Commercial	28.99	28.78	27.72	28.26	26.92
Industrial	8.02	7.98	7.28	8.07	7.13
Other	9.33	9.36	9.09	9.09	8.69
Sales for Resale	0.54	0.31	0.14	0.28	1.49
Total	100%	100%	100%	100%	100%
Total Sales (Millions)	$2,009.25	$1,955.90	$1,828.98	$2,129.49	$2,475.56

* 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. 300; Florida Public Service Commission, 2021 Statistics of the Florida Electric Utility Industry.

Table 3

Uses of Revenue
(Percentage of Total Operating Revenue) *
2018-2022

	2018	2019	2020	2021	2022
Duke Energy Florida, LLC					
Fuel	27.09%	24.29%	21.69%	30.69%	42.05%
Other Operation and Maintenance	34.61	31.31	32.81	31.99	29.11
Depreciation and Amortization	12.38	15.76	13.74	6.63	-0.41
Taxes Other Than Income Taxes	7.62	7.67	7.52	7.49	6.79
Income Taxes	2.08	2.70	3.66	3.64	3.42
Interest	5.24	5.85	5.87	5.67	5.39
Net Operating Income Less Interest	10.98	12.41	14.71	13.89	13.66
Total	100%	100%	100%	100%	100%
Total Operating Revenue (Millions)	$4,887.81	$5,088.73	$5,043.41	$5,111.85	$6,204.03
**Florida Power & Light Company ** **					
Fuel	28.40%	24.44%	22.51%	30.50%	39.13%
Other Operation and Maintenance	13.12	17.47	15.21	9.62	4.42
Depreciation and Amortization	19.32	18.23	16.93	13.51	14.22
Taxes Other Than Income Taxes	11.36	11.41	11.80	11.47	10.32
Income Taxes	4.51	3.56	5.25	6.11	5.66
Interest	4.62	4.95	5.22	4.79	4.55
Net Operating Income Less Interest	18.67	19.95	23.07	24.00	21.70
Total	100%	100%	100%	100%	100%
Total Operating Revenue (Millions)	$11,497.89	$11,824.21	$11,360.02	$12,244.34	$16,845.58
Tampa Electric Company					
Fuel	30.71%	26.33%	22.10%	30.51%	44.14%
Other Operation and Maintenance	26.91	21.97	25.85	23.54	22.63
Depreciation and Amortization	12.43	19.57	15.52	14.91	-0.04
Taxes Other Than Income Taxes	8.14	8.21	8.52	8.27	7.84
Income Taxes	3.14	2.92	3.55	2.64	3.58
Interest	4.95	5.83	6.05	5.08	5.60
Net Operating Income Less Interest	13.71	15.16	18.40	15.06	16.25
Total	100%	100%	100%	100%	100%
Total Operating Revenue (Millions)	$2,068.73	$2,006.93	$1,884.11	$2,179.99	$2,543.61

* 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, pp. 114, 117, 311, 320-321, and 323; Florida Public Service Commission, 2021 Statistics of the Florida Electric Utility Industry.

Table 4

Proprietary Capital and Long-Term Debt *

December 31, 2022

	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	7,433,888	14,250,983	225,277
Other Paid-In Capital	1,591,035	20,619,109	4,085,840
Other Adjustments	-2,025	-4,094	-1,415
Total Proprietary Capital	$9,022,898	$36,239,067	$4,429,399
Long-Term Debt (Thousands)			
Bonds	$7,575,000	$17,156,296	$3,205,000
Other Long-Term Debt and/or Adjustments	1,184,087	3,996,615	-9,657
Total Long-Term Debt	$8,759,087	$21,152,911	$3,195,343
Total Proprietary Capital and Long-Term Debt	$17,781,985	$57,391,978	$7,624,742
Proprietary Capital (Percent)			
Common Stock	0.0%	2.4%	1.6%
Preferred Stock	0.0	0.0	0.0
Retained Earnings	41.8	24.8	3.0
Other Paid-In Capital	8.9	35.9	53.6
Other Adjustments	0.0	0.0	0.0
Total Proprietary Capital	50.7%	63.1%	58.1%
Long-Term Debt (Percent)			
Bonds	42.6%	29.9%	42.0%
Other Long-Term Debt and/or Adjustments	6.7	7.0	-0.1
Total Long-Term Debt	49.2%	36.8%	41.9%
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, 2021 Annual Report, FERC Form No. 1, p. 112.

Table 5

Financial Integrity Indicators
2018-2022

	2018	2019	2020	2021	2022
Times Interest Earned with AFUDC					
Duke Energy Florida, LLC	3.24 x	3.76 x	4.17 x	4.07 x	4.24 x
Florida Power & Light Company *	5.79	5.53	6.26	6.98	6.79
Tampa Electric Company	4.34	4.07	4.46	4.25	4.60
Times Interest Earned without AFUDC					
Duke Energy Florida, LLC	2.99 x	3.74 x	4.11 x	4.00 x	4.18 x
Florida Power & Light Company *	5.59	5.40	6.13	6.78	6.62
Tampa Electric Company	4.20	3.94	4.14	3.78	4.33
AFUDC as a Percentage of Net Income Interest Coverage Ratio					
Duke Energy Florida, LLC	5.05 %	1.16 %	2.04 %	2.84 %	2.35 %
Florida Power & Light Company *	5.00	3.24	2.82	4.00	3.48
Tampa Electric Company	4.73	4.58	9.94	15.33	8.59
Percent Internally Generated Funds					
Duke Energy Florida, LLC	62.87 %	69.21 %	96.20 %	75.44 %	38.54 %
Florida Power & Light Company *	82.29	39.93	54.02	73.02	39.14
Tampa Electric Company	52.82	63.99	68.42	66.71	44.51

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

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

Net Generation

Table 6

Net Energy for Load
2013-2022

Year	Total Net Energy for Load (Gigawatt-Hours)	Investor-Owned		Other *	
		Quantity (Gigawatt-Hours)	Percent of Total	Quantity (Gigawatt-Hours)	Percent of Total
2013	235,025	183,156	77.9%	51,869	22.1%
2014	238,611	188,310	78.9	50,301	21.1
2015	248,406	197,137	79.4	51,269	20.6
2016	248,019	196,676	79.3	51,343	20.7
2017	246,033	195,679	79.5	50,354	20.5
2018	249,266	199,390	80.0	49,876	20.0
2019	266,681	202,481	75.9	64,200	24.1
2020	256,783	205,052	79.9	51,731	20.1
2021	260,004	199,390	76.7	60,614	23.3
2022	274,025	208,629	76.1	65,396	23.9

* Includes municipal, rural electric cooperative, and federally-owned utilities.

Source: Florida Public Service Commission, 2021 Statistics of the Florida Electric Utility Industry; Florida Public Service Commission, Utility Ten-Year Site Plans (April 2023), Schedule Nos. 2.3 and 3.3; Florida Reliability Coordinating Council, Regional Load and Resource Plan, State Supplement (July 2023), FRCC Form 9.1, p. S-17.

Table 7

Net Energy for Load (NEL) by Fuel Type and Other Sources *
2013-2022

Year	Coal		Oil		Natural Gas		Nuclear		Solar		NEL Subtotal	Other Sources		NEL Total
	Gigawatt-Hours	Percent	Gigawatt-Hours	Percent	Gigawatt-Hours	Percent	Gigawatt-Hours	Percent	Gigawatt-Hours	Percent		NUG **	Other ***	
2013	50,775	23.3%	487	0.2%	140,187	64.2%	26,672	12.2%	212	0.0%	218,333	3,182	13,510	235,025
2014	55,410	24.7	447	0.2	140,348	62.6	27,730	12.4	251	0.1	224,186	1,799	12,626	238,611
2015	46,685	20.1	592	0.3	156,348	67.5	27,872	12.0	202	0.1	231,699	1,841	14,866	248,406
2016	43,638	18.9	1,733	0.8	156,007	67.6	29,052	12.6	310	0.1	230,740	171	17,108	248,019
2017	42,573	18.3	487	0.2	159,719	68.6	29,080	12.5	918	0.4	232,777	1,942	11,314	246,033
2018	37,798	15.8	527	0.2	169,438	70.8	29,153	12.2	2,418	1.0	239,334	148	11,610	251,092
2019	28,599	11.8	517	0.2	180,726	74.5	28,838	11.9	3,861	1.6	242,541	1,803	22,337	266,681
2020	22,031	8.9	985	0.4	188,145	76.2	29,286	11.9	6,489	2.6	246,936	0	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	0	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	0	23,497	274,025

* May not total due to rounding.

** Non-utility generation (NUG). Beginning in 2020, NUG has been recategorized into the appropriate energy source.

*** Includes net interchange, non-solar renewables, and other. In 2020, 2021, and 2022 NUG was included in other sources.

Source: Florida Public Service Commission, 2021 Statistics of the Florida Electric Utility Industry; Florida Reliability Coordinating Council, Regional Load and Resource Plan, State Supplement (July 2023), FRCC Form 9.1, p. S-17.

Table 8

Projected Net Energy for Load by Fuel Type and Other Sources
(Gigawatt-Hours)
2023-2032

Year	Net Energy for Load	Interchange & Other *	Nuclear	Coal	Oil	Natural Gas	Hydro	Solar
2023	261,348	16,337	29,262	16,058	45	183,176	136	16,334
2024	264,444	14,967	28,168	11,070	18	188,155	136	21,930
2025	266,349	14,321	29,110	9,776	25	185,255	136	27,726
2026	268,219	12,814	30,111	8,079	16	181,300	136	35,763
2027	269,921	12,820	29,287	7,548	15	177,062	136	43,053
2028	272,164	12,668	30,750	6,354	19	172,428	135	49,810
2029	275,111	12,769	29,765	7,072	36	169,029	135	56,305
2030	277,627	12,324	29,534	5,944	24	165,472	135	64,194
2031	279,563	11,291	30,070	7,157	16	160,537	135	70,357
2032	283,094	11,317	29,600	7,098	21	158,321	135	76,602

* Includes net interchange, non-hydro and non-solar renewables, NUG, and other.

Source: Florida Reliability Coordinating Council, Regional Load and Resource Plan, State Supplement (July 2023), FRCC Form 9.1, p. S-17.

Table 9

Projected Net Energy for Load by Percentage of Fuel Type and Other Sources
2023-2032

Year	Net Energy for Load *	Interchange & Other **	Nuclear	Coal	Oil	Natural Gas	Hydro	Solar
2023	100%	6.25%	11.20%	6.14%	0.02%	70.09%	0.05%	6.25%
2024	100	5.66	10.65	4.19	0.01	71.15	0.05	8.29
2025	100	5.38	10.93	3.67	0.01	69.55	0.05	10.41
2026	100	4.78	11.23	3.01	0.01	67.59	0.05	13.33
2027	100	4.75	10.85	2.80	0.01	65.60	0.05	15.95
2028	100	4.65	11.30	2.33	0.01	63.35	0.05	18.30
2029	100	4.64	10.82	2.57	0.01	61.44	0.05	20.47
2030	100	4.44	10.64	2.14	0.01	59.60	0.05	23.12
2031	100	4.04	10.76	2.56	0.01	57.42	0.05	25.17
2032	100	4.00	10.46	2.51	0.01	55.93	0.05	27.06

* May not total due to rounding.

* Includes net interchange, non-hydro and non-solar renewables, NUG, and other.

Source: Florida Reliability Coordinating Council, Regional Load and Resource Plan, State Supplement (July 2023), FRCC Form 9.1, p. S-17.

Generating Capacity and Capability

Table 10

Installed Nameplate Capacity/Firm Summer Net Capability
(Megawatts)
2013-2022

Year	Hydro-Electric	Conventional Steam	Nuclear Steam	Combustion Turbine	Internal Combustion	Combined Cycle	Solar Photovoltaic	Total *
2013	52	17,837	3,471	8,697	153	22,192	0	52,402
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	1,733	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

* May not total due to rounding.

Source: Florida Public Service Commission, 2021 Statistics of the Florida Electric Utility Industry; Florida Reliability Coordinating Council, Regional Load and Resource Plan, State Supplement (July 2023), 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) 2013-2022

Year	Total for State *	Investor-Owned		Municipal, Rural Electric Cooperative, and Other **	
		Quantity	Percent of Total	Quantity	Percent of Total
2013	52,402	38,890	74.22%	13,512	25.78%
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

* May not total due to rounding.

** USCE-Mobile District and Jim Woodruff Dam.

Source: Florida Public Service Commission, 2021 Statistics of the Florida Electric Utility Industry; Florida Reliability Coordinating Council, Regional Load and Resource Plan, State Supplement (July 2023), FRCC Form 1.0, pp. 7-20, S-8, and S-9.

Table 12

Installed Capacity by Fuel and Technology
(Megawatts)
2020-2022

Fuel	Technology	2020	2021	2022
Natural Gas				
	Combined Cycle	32,526	31,150	31,180
	Turbine & Diesel	8,182	5,897	7,466
	Steam	4,134	3,260	1,635
Total Natural Gas		44,842	40,307	40,281
Percentage of Total		69.99%	69.02%	67.57%
Coal				
	Steam	9,012	8,581	7,856
	Combined Cycle	220	220	220
Total Coal		9,232	8,801	8,076
Percentage of Total		14.41%	15.07%	13.55%
Oil				
	Turbine & Diesel	1,666	1,598	1,571
	Steam	0	0	0
Total Oil		1,666	1,598	1,571
Percentage of Total		2.60%	2.74%	2.64%
Nuclear				
	Steam	3,625	3,645	3,648
Total Nuclear		3,625	3,645	3,648
Percentage of Total		5.66%	6.24%	6.12%
Solar				
		2,658	4,633	6,085
Total Solar		2,658	4,633	6,085
Percentage of Total		4.15%	7.93%	10.21%
Other *				
		2,045	4,048	6,036
Total Other		2,045	4,048	6,036
Percentage of Total		3.19%	6.93%	10.13%
Total Installed Capacity		64,068	58,399	59,612
Percentage of Total **		100%	100%	100%

* Includes non-solar renewable resources, net interchange, and non-utility generation.

** May not total due to rounding.

Source: Florida Public Service Commission, 2021 Statistics of the Florida Electric Utility Industry; Florida Public Service Commission, Review of the Ten-Year Site Plans, Nov. 2022.

Table 13

Installed Winter and Summer Net Capacity by Utility *
(Megawatts)
2021-2022

Utility	Winter Net Capacity		Summer Net Capacity	
	2021	2022	2021	2022
Investor-Owned				
Duke Energy Florida, LLC	10,759	10,723	9,948	10,123
Florida Power & Light Company **	30,949	30,103	29,934	30,766
Tampa Electric Company	5,119	5,539	5,091	5,646
Generating Municipal				
Florida Municipal Power Agency ***	1,332	1,369	1,292	1,329
Gainesville Regional Utilities	666	670	634	640
Homestead	32	32	32	32
JEA	3,150	2,952	2,997	2,799
Keys Energy Services	37	0	37	0
Kissimmee Utility Authority	254	254	243	243
Lake Worth Utilities	80	82	77	79
Lakeland Electric	715	721	647	658
New Smyrna Beach	24	24	22	22
Orlando Utilities Commission ^	1,417	1,574	1,380	1,537
Reedy Creek Improvement District	52	52	52	52
Tallahassee	795	795	725	725
Generating Rural Electric Cooperative				
PowerSouth Energy ***	1,533	1,533	1,347	1,347
Seminole Electric Cooperative ***	2,161	2,102	2,034	1,981
USCE-Mobile District ***	44	44	44	44
Total Utility ^^	**59,119**	**58,569**	**56,536**	**58,023**
Total Non-Utility	911	911	872	899
Total State of Florida ^^	**60,030**	**59,480**	**57,408**	**58,922**

* 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.

*** 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, 2021 Statistics of the Florida Electric Utility Industry; Florida Reliability Coordinating Council, Regional Load and Resource Plan, State Supplement (July 2023), FRCC Form 1.0, pp. 7 and S-7.

Table 14

Summer Net Capacity by Generation by Utility *
(Megawatts)
December 31, 2022

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	481	10,123
Florida Power & Light Company **	0	717	3,502	2,224	3	22,014	2,307	30,766
Tampa Electric Company	0	1,167	0	1,000	0	2,911	568	5,646
Generating Municipal								
Florida Municipal Power Agency ***	0	248	86	180	18	796	0	1,329
Gainesville Regional Utilities	0	411	0	110	7	112	0	640
Homestead	0	0	0	0	32	0	0	32
JEA	0	1,110	0	1,093	0	596	0	2,799
Keys Energy Services	0	0	0	0	0	0	0	0
Kissimmee Utility Authority	0	22	0	25	0	196	0	243
Lake Worth Utilities	0	0	0	46	0	31	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
Reedy Creek Improvement District	0	0	0	0	0	52	0	52
Tallahassee	0	0	0	92	111	522	0	725
Generating Rural Electric Cooperative								
PowerSouth Energy ***	7	147	0	683	0	510	0	1,347
Seminole Electric Cooperative ***	0	1,207	0	270	0	504	0	1,981
USCE-Mobile District ***	44	0	0	0	0	0	0	44
Total Utility ^^	**51**	**8,098**	**3,648**	**8,227**	**226**	**34,414**	**3,357**	**58,022**
Total Non-Utility								899
Total State of Florida ^^	**51**	**8,098**	**3,648**	**8,227**	**226**	**34,414**	**3,357**	**58,921**

* 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.

*** 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 2023), FRCC Form 1.0, pp. 7-20, S-8, and S-9.

Table 15

Nuclear Generating Units
December 31, 2022

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 2023), Schedule 1, p. 37; Florida Reliability Coordinating Council, Regional Load and Resource Plan, State Supplement (July 2023), FRCC Form 1.0, p. 13.

Annual Peak Demand
(Megawatts)
2018-2022

Utility	2018	2019	2020	2021	2022
Investor-Owned					
Duke Energy Florida, LLC	10,323	9,973	9,649	9,682	9,974
Florida Power & Light Company *	23,217	24,241	24,499	24,042	26,429
Florida Public Utilities Company	163	140	148	141	148
Tampa Electric Company	4,044	4,298	4,255	4,393	4,385
Generating Municipal					
Florida Municipal Power Agency **	1281	1,349	1,463	1,467	1,487
Gainesville Regional Utilities	410	429	425	422	408
Homestead	106	115	117	116	118
JEA	3,080	2,644	2,585	2,610	2,857
Keys Energy Services	146	145	141	146	146
Kissimmee Utility Authority	356	374	371	378	388
Lake Worth Utilities	95	97	97	96	98
Lakeland Electric	704	667	678	692	704
New Smyrna Beach	108	105	103	105	110
Orlando Utilities Commission ***	1,341	1,431	1,382	1,407	1,428
Reedy Creek Improvement District	188	198	166	178	196
Tallahassee	621	616	576	573	592
Non-Generating Municipal					
Alachua	29	29	29	29	31
Bartow	68	60	60	61	64
Beaches Energy Services	211	173	170	141	149
Blountstown	7	7	7	8	7
Bushnell	7	8	12	12	13
Chattahoochee	7	7	7	7	6
Clewiston	22	22	22	21	24
Fort Meade	12	10	10	10	11
Fort Pierce Utilities Authority	112	113	116	115	119
Green Cove Springs	31	25	26	28	26
Havana	7	6	6	6	6

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

** Wholesale-only generating utility.

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

Continued

Annual Peak Demand
(Megawatts)
2018-2022

Utility	2018	2019	2020	2021	2022
Non-Generating Municipal (Continued)					
Leesburg	116	111	119	113	113
Moore Haven	4	4	4	4	4
Mount Dora	23	23	23	24	24
Newberry	10	9	10	10	10
Ocala Electric Utility	296	314	303	298	311
Quincy	13	12	26	14	23
Starke	17	15	15	15	15
Wauchula	14	14	14	14	14
Williston	10	10	10	9	9
Winter Park	77	81	77	94	94
Generating & Non-Generating Rural Electric Cooperative					
Central Florida Electric	147	124	140	132	158
Choctawhatchee Electric	264	213	219	232	299
Clay Electric	921	778	818	808	889
Escambia River Electric	64	48	50	58	66
Florida Keys Electric Cooperative	150	153	156	156	158
Glades Electric	73	68	69	66	76
Gulf Coast Electric	111	83	86	85	117
Lee County Electric	885	924	966	944	966
Okefenoke Rural Electric *	33	28	50	48	59
Peace River Electric	177	187	205	208	218
PowerSouth Energy **	578	4,500	466	485	630
Seminole Electric Cooperative **	4,024	3,477	3,517	3,494	3,982
Sumter Electric	889	837	865	863	919
Suwannee Valley Electric	123	114	113	105	132
Talquin Electric	299	238	235	241	291
Tri-County Electric	77	67	66	62	83
West Florida Electric	149	116	123	121	150
Withlacoochee River Electric	1,191	933	1,007	1,046	1,117

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

** Wholesale-only generating utility.

Source: Florida Public Service Commission, 2021 Statistics of the Florida Electric Utility Industry; Responses to staff data request.

Table 17

Projected Summer and Winter Peak Demand
(Megawatts)
2023-2032

Year	Summer Peak	Year	Winter Peak
2023	48,800	2022-2023	43,361
2024	52,234	2023-2024	47,686
2025	52,975	2024-2025	48,269
2026	53,620	2025-2026	48,780
2027	54,186	2026-2027	49,203
2028	54,680	2027-2028	49,737
2029	55,128	2028-2029	50,355
2030	55,879	2029-2030	50,924
2031	56,565	2030-2031	51,586
2032	57,254	2031-2032	52,319

Source: Florida Reliability Coordinating Council, Regional Load and Resource Plan, State Supplement (July 2023), FRCC Form History and Forecast, p. S-1.

Table 18

Load Factors of Generating Utilities
December 31, 2022

Utility	Net Energy for Load (Gigawatt-Hours)	Peak Load (Megawatts)	Load Factor (Percentage) *
Investor-Owned			
Duke Energy Florida, LLC	47,984	9,974	54.9%
Florida Power & Light Company **	140,916	26,429	60.9
Tampa Electric Company	21,572	4,385	56.2
Municipal			
Florida Municipal Power Agency ***	7,097	1,487	54.5
Gainesville Regional Utilities	1,895	408	53.0
Homestead	1,286	118	124.4
JEA	12,957	2,857	51.8
Keys Energy Services	784	146	61.5
Kissimmee Utility Authority	1,788	388	52.6
Lake Worth Utilities	491	98	57.1
Lakeland Electric	3,406	704	55.2
New Smyrna Beach	485	110	50.3
Orlando Utilities Commission ^	8,671	1,428	69.3
Reedy Creek Improvement District	1,234	196	72.0
Tallahassee	2,766	592	53.3
Rural Electric Cooperative			
PowerSouth Energy ***	2,248	630	40.7
Seminole Electric Cooperative ***	16,330	3,982	46.8

* May not total due to rounding.

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

*** 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)
2019-2022

Renewable Type *	2019	2020	2021	2022
Biomass	469	431	380	380
Hydro	51	51	51	51
Landfill Gas	116	42	41	70
Municipal Solid Waste	374	514	504	451
Solar	1,743	2,658	4,633	6,085
Waste Heat	310	276	276	276
Wind	272	282	272	272
Total	3,335	4,254	6,157	7,585

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

Source: Florida Public Service Commission, 2021 Statistics of the Florida Electric Utility Industry; Florida Public Service Commission, Review of the Ten-Year Site Plans, Nov. 2022Nov. 22

Table 20

Customer-Owned Photovoltaic Facilities *
2019-2022

	2019	2020	2021	2022
Number of Solar Energy Systems				
Duke Energy Florida, LLC	21,275	34,106	34,434	63,587
Florida Power & Light Company **	19,180	29,451	57,282	69,051
Florida Public Utilities Company	156	220	342	433
Tampa Electric Company	5,172	7,764	11,361	17,962
Municipal	7,251	9,939	14,214	19,094
Rural Electric Cooperative	6,442	9,038	13,280	19,804
Total	59,476	90,518	130,913	189,931
Gross Power Rating (MW)(AC)				
Duke Energy Florida, LLC	175	289	322	572
Florida Power & Light Company **	166	262	497	642
Florida Public Utilities Company	0.3	5.0	6.0	7
Tampa Electric Company	54	89	108	206
Municipal	63	114	130	180
Rural Electric Cooperative	46	69	107	167
Total ***	507.1	828.0	1,169.9	1,773.0
Energy Delivered to the Grid (MWh)				
Duke Energy Florida, LLC	92,037	159,660	175,200	376,378
Florida Power & Light Company **	80,151	130,555	330,641	352,787
Florida Public Utilities Company	1,086	2,918	4,927	6,005
Tampa Electric Company	23,983	26,042	62,920	99,082
Municipal	33,529	47,183	73,680	113,951
Rural Electric Cooperative	14,927	21,638	36,518	57,074
Total	245,712	387,996	683,887	1,005,276

* 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, 2022; Florida Public Service Commission, 2021 Statistics of the Florida Electric Utility Industry.

Investor-Owned Photovoltaic Facilities *

December 31, 2022

Utility	Name of Plant	In-Service Date	Nameplate Capacity MW **	Total Energy MWh
Duke Energy Florida, LLC	Bay Trail Solar Facility	Aug-22	74.9	80,062
	Charlie Creek Solar Facility	Aug-22	74.9	55,036
	Columbia Solar Facility	Mar-20	74.9	176,925
	Debary Solar Facility	May-20	74.5	140,763
	Duette Solar Facility	Oct-21	74.5	159,777
	Fort Green Solar Facility	Jun-22	74.9	79,139
	Hamilton Solar Facility	Dec-18	74.9	172,670
	Lake Placid Solar Facility	Nov-19	45.0	77,822
	Osceola Solar Facility	May-16	3.8	6,036
	Perry Solar Facility	Aug-16	5.1	7,733
	Sandy Creek Solar Facility	May-22	74.9	115,078
	Santa Fe Solar Facility	Mar-21	74.9	159,826
	Suwannee Solar Facility	Nov-17	8.8	17,310
	Trenton Solar Facility	Dec-19	74.9	165,524
	Twin Rivers Solar Facility	Mar-21	74.9	166,227
Florida Power & Light Company ***	Babcock Preserve Solar Energy Center	Mar-20	74.5	165,983
	Babcock Ranch Solar Energy Center	Dec-16	74.5	155,026
	Barefoot Bay Solar Energy Center	Mar-18	74.5	160,276
	Blue Cypress Solar Energy Center	Mar-18	74.5	149,972
	Blue Heron Solar Energy Center	Mar-20	74.5	162,995
	Blue Indigo Solar Energy Center	Mar-20	74.5	164,060
	Blue Springs Solar Energy Center	Dec-21	74.5	150,619
	Cattle Ranch Solar Energy Center	May-20	74.5	147,633
	Citrus Solar Energy Center	Dec-16	74.5	153,529
	Coral Farms Solar Energy Center	Jan-18	74.5	145,814
	Cotton Creek Solar Energy Center	Dec-21	74.5	153,379
	DeSoto Next Generation Solar Energy Center	Oct-09	25.0	37,524
	Discovery Solar Energy Center	Jul-21	74.5	149,823
	Echo River Solar Energy Center	May-20	74.5	175,987
	Egret Solar Energy Center	Dec-20	74.5	159,098
	Elder Branch Solar Energy Center	Jan-22	74.5	173,196
	Fort Drum Solar Energy Center	Aug-21	74.5	138,412
	Ghost Orchid Solar Energy Center	Jan-22	74.5	145,252
	Grove Solar Energy Center	Jan-22	74.5	150,017
	Hammock Solar Energy Center	Mar-18	74.5	155,227

* 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, 2022

Utility	Name of Plant	In-Service Date	Nameplate Capacity MW **	Total Energy MWh
Florida Power & Light Company	Hibiscus Solar Energy Center	May-20	74.5	137,982
	Horizon Solar Energy Center	Jan-18	74.5	148,251
	Immokalee Solar Energy Center	Jan-22	74.5	154,742
	Indian River Energy Center	Jan-18	74.5	152,154
	Interstate Solar Energy Center	Jan-19	74.5	145,853
	Lakeside Solar Energy Center	Dec-20	74.5	151,906
	Loggerhead Energy Center	Mar-18	74.5	147,558
	Magnolia Springs Solar Energy Center	Mar-21	74.5	158,143
	Manatee Solar Energy Center	Dec-16	74.5	96,835
	Miami-Dade Solar Energy Center	Jan-19	74.5	144,700
	Nassau Solar Energy Center	Dec-20	74.5	153,691
	Northern Preserve Solar Energy Center	Mar-20	74.5	133,987
	Okeechobee Solar Energy Center	Mar-19	74.5	162,372
	Orange Blossom Solar Energy Center	Jul-21	74.5	155,789
	Palm Bay Solar Energy Center	May-21	74.5	164,037
	Pelican Solar Energy Center	Apr-21	74.5	159,009
	Pioneer Trail Solar Energy Center	Jan-19	74.5	134,815
	Rodeo Solar Energy Center	Mar-21	74.5	155,965
	Sabal Palm Solar Energy Center	Apr-21	74.5	161,637
	Sawgrass Solar Energy Center	Jan-22	74.5	146,724
	Southfork Solar Energy Center	May-20	74.5	179,991
	Space Coast Next Generation Solar Energy Center	Apr-10	10.0	14,878
	Sundew Solar Energy Center	Jan-22	74.5	149,424
	Sunshine Gateway Solar Energy Center	Jan-19	74.5	150,503
	Sweetbay Solar Energy Center	Mar-20	74.5	137,457
	Trailside Solar Energy Center	Dec-20	74.5	153,541
	Twin Lakes Solar Energy Center	Mar-20	74.5	145,817
	Union Springs Solar Energy Center	Dec-20	74.5	160,493
	Wildflower Solar Enegry Center	Dec-17	74.5	148,633
	Willow Solar Energy Center	May-21	74.5	166,372
Tampa Electric Company	Balm Solar	Sept-18	74.4	126,730
	Big Bend Solar	Feb-17	19.8	34,722
	Big Bend II Solar (Phase 1)	Jan-22	31.5	52,284
	Big Bend II Solar (Phase 2)	Nov-22	14.3	401
	Bonnie Mine Solar	Jan-19	37.5	60,848
	Durrance Solar	Jan-21	60.0	99,114
	Grange Hall Solar	Jan-19	61.1	112,045
	Jamison Solar	Apr-22	74.5	83,542

* Includes purchase power agreements and demonstration sites.

** 2 megawatt threshold.

Continued

Investor-Owned Photovoltaic Facilities *

December 31, 2022

Utility	Name of Plant	In-Service Date	Nameplate Capacity MW **	Total Energy MWh
Tampa Electric Company	Lake Hancock Solar	Apr-19	49.5	93,306
	Laurel Oaks Solar	Dec-22	61.2	9,384
	Lithia Solar Center	Jan-19	74.5	148,010
	Little Manatee Solar	Feb-20	74.5	104,102
	Magnolia Solar	Dec-21	74.5	128,652
	Mountain View Solar	Apr-22	54.6	75,994
	Payne Creek Solar	Sept-18	70.3	133,228
	Peace Creek Solar	Mar-19	55.4	99,657
	Riverside Solar	Dec-22	55.2	1,353
	Winauma Solar	Apr-20	74.8	120,908
Total Investor-Owned Photovoltaic Facilities			**5,514.40**	**10,431,289**

* Includes purchase power agreements and demonstration sites.

** 2 megawatt threshold.

Source: Florida Reliability Coordinating Council, Regional Load and Resource Plan, State Supplement (July 2023), Summary of Existing Capacity, p. 21; Responses to staff data request.

Table 22

Demand-Side Management Programs
Amount of Load Reduction at the Generator *
2019-2022

	2019	2020	2021	2022
Summer Peak Reduction (MW)				
Duke Energy Florida, LLC	118	64	34	21
Florida Power & Light Company **	62	66	57	50
Florida Public Utilities Company	0.2	0.3	0.2	0.2
JEA	5	3	3	3
Orlando Utilities Commission ***	4	4	3	3
Tampa Electric Company	35	14	12	23
Total ^	224.2	151.3	109.2	99.9
Winter Peak Reduction (MW)				
Duke Energy Florida, LLC	116	54	27	29
Florida Power & Light Company	41	42	35	30
Florida Public Utilities Company	0.1	0.1	0.1	0.1
JEA	4	2	2	2
Orlando Utilities Commission	4	3	2	3
Tampa Electric Company	31	14	9	17
Total ^	196.1	115.1	75.1	80.3
Energy Reduction (GWh)				
Duke Energy Florida, LLC	81	75	47	52
Florida Power & Light Company	59	60	44	53
Florida Public Utilities Company	0.4	0.5	0.3	0.3
JEA	40	10	7	7
Orlando Utilities Commission	15	11	13	6
Tampa Electric Company	91	35	37	57
Total ^	286.4	191.5	148.3	175.3

* 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, 2022; Florida Public Service Commission, 2021 Statistics of the Florida Electric Utility Industry.

Fuel Analysis

Table 23

Fuel Requirements
2013-2022

Year	Coal (Thousands of Short Tons)	Oil * (Thousands of Barrels)	Natural Gas (Billions of Cubic Feet)	Nuclear (U-235) ** (Trillion BTUs)
2013	23,547	911	999	301
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

* Residual and distillate.

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

Source: Florida Public Service Commission, 2021 Statistics of the Florida Electric Utility Industry; Florida Reliability Coordinating Council, Regional Load and Resource Plan, State Supplement (July 2023), FRCC Form 9.0, p. S-16.

Table 24

Projected Fuel Requirements
2023-2032

Year	Coal (Thousands of Short Tons)	Oil * (Thousands of Barrels)	Natural Gas (Billions of Cubic Feet)	Nuclear (U-235) ** (Trillion BTUs)
2023	8,503	935	1,382	329
2024	7,691	108	1,270	312
2025	5,051	54	1,300	299
2026	4,382	72	1,270	308
2027	3,624	46	1,246	318
2028	3,385	49	1,221	310
2029	2,823	60	1,191	325
2030	3,074	91	1,168	315
2031	2,675	68	1,145	313
2032	3,252	36	1,108	318

* 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 2023), FRCC Form 9.0, p. S-16.

Sales

Table 25

Retail Sales
(Megawatt-Hours)
2018-2022

Utility	2018	2019	2020	2021	2022
Investor-Owned					
Duke Energy Florida, LLC	39,144,651	39,187,343	39,230,213	39,681,797	40,511,973
Florida Power & Light Company *	121,185,524	123,008,296	124,295,085	122,907,965	126,449,897
Florida Public Utilities Company	634,763	652,604	646,364	625,785	636,046
Tampa Electric Company	19,631,465	19,783,567	19,953,730	20,092,643	20,466,729
Municipal					
Alachua	131,006	130,170	128,042	131,526	143,237
Bartow	281,732	287,066	291,602	288,386	290,160
Beaches Energy Services	707,282	697,365	690,291	684,583	686,501
Blountstown	33,586	33,439	31,671	31,794	31,548
Bushnell	24,494	29,051	55,473	55,582	56,617
Chattahoochee	37,053	37,708	36,152	36,164	36,331
Clewiston	99,419	99,262	99,968	98,743	98,742
Fort Meade	40,825	41,967	42,840	42,396	42,058
Fort Pierce Utilities Authority	558,260	559,459	575,481	571,148	576,373
Gainesville Regional Utilities	1,829,165	1,830,595	1,790,570	1,789,929	1,796,914
Green Cove Springs	108,398	112,300	108,522	107,724	107,941
Havana	23,919	24,546	23,126	23,013	22,473
Homestead	548,197	596,814	588,234	567,843	591,541
JEA	12,325,781	12,322,254	12,319,250	12,065,476	12,491,236
Keys Energy Services	712,910	741,931	723,134	727,157	740,200
Kissimmee Utility Authority	1,583,340	1,620,665	1,635,830	1,673,418	1,748,329
Lake Worth Utilities	433,186	435,077	432,926	444,322	465,019
Lakeland Electric	3,118,406	3,116,587	3,179,606	3,198,287	3,155,091
Leesburg	492,124	494,267	495,081	495,862	495,862
Moore Haven	15,356	16,145	16,791	15,932	16,240
Mount Dora	89,695	90,735	89,461	90,844	95,628
New Smyrna Beach	420,938	425,102	443,327	440,991	455,781
Newberry	36,712	37,663	39,344	40,372	42,691
Ocala Electric Utility	1,296,827	1,307,747	1,268,973	1,306,528	1,328,842
Orlando Utilities Commission **	6,798,822	6,825,561	6,750,619	6,823,920	7,024,271
Quincy	119,778	183,531	135,352	129,287	136,287
Reedy Creek Improvement District	1,136,189	1,175,186	926,061	1,029,895	1,141,727
Starke	68,416	65,648	64,231	63,549	63,769
Tallahassee	2,674,812	2,716,250	2,581,037	2,597,787	2,622,903
Wauchula	61,589	61,406	60,530	59,520	60,019
Williston	33,237	32,983	32,983	32,666	33,102
Winter Park	412,650	425,022	419,744	420,839	428,363
Rural Electric Cooperative					
Central Florida Electric	500,976	502,468	526,666	523,208	556,748
Choctawhatchee Electric	895,036	906,973	938,844	959,164	1,011,430
Clay Electric	3,316,392	3,349,589	3,416,339	3,365,979	3,514,763
Escambia River Electric	184,930	190,598	190,448	196,255	208,802
Florida Keys Electric Cooperative	682,999	723,276	735,663	750,423	771,570
Glades Electric	322,918	329,414	331,723	319,255	321,444
Gulf Coast Electric	334,455	345,954	344,000	346,229	354,297
Lee County Electric	3,965,037	4,104,302	4,279,635	4,308,257	4,419,078
Okefenoke Rural Electric ***	167,127	169,436	173,437	170,334	179,956
Peace River Electric	788,506	850,477	934,732	958,411	1,016,429
Sumter Electric	3,415,867	3,467,634	3,635,263	3,625,026	3,833,147
Suwannee Valley Electric	551,501	534,811	530,064	542,870	574,238
Talquin Electric	2,045,962	1,014,511	1,020,857	1,029,220	1,026,951
Tri-County Electric	314,885	318,153	317,797	334,106	385,297
West Florida Electric	495,256	510,708	498,614	498,556	505,045
Withlacoochee River Electric	4,024,257	4,052,450	4,247,097	4,184,685	4,359,276
Respondent Total ^ ^^	**238,856,612**	**240,576,065**	**242,322,823**	**241,505,649**	**248,128,909**

* 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.

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

^ May not total due to rounding.

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

Source: Florida Public Service Commission, 2021 Statistics of the Florida Electric Utility Industry; Florida Reliability Coordinating Council, Regional Load and Resource Plan, State Supplement (July 2023), FRCC Form 4.0, p. S-2; Responses to staff data request.

Table 26

Retail Sales by Class of Service
(Megawatt-Hours)
2022

Utility	Residential	Commercial	Industrial	Other *	Total
Investor-Owned					
Duke Energy Florida, LLC	21,507,947	12,219,665	3,507,790	3,276,571	40,511,973
Florida Power & Light Company **	69,347,790	51,850,924	4,713,988	537,194	126,449,897
Florida Public Utilities Company	305,593	302,843	19,659	7,951	636,046
Tampa Electric Company	10,109,074	6,299,648	2,110,885	1,947,122	20,466,729
Municipal					
Alachua	46,846	96,391	0	0	143,237
Bartow	150,690	45,911	84,283	9,275	290,160
Beaches Energy Services	440,699	245,802	0	0	686,501
Blountstown	11,026	18,571	0	1,951	31,548
Bushnell	12,766	13,734	30,117	0	56,617
Chattahoochee	10,562	3,370	20,737	1,662	36,331
Clewiston	51,596	45,356	1,625	165	98,742
Fort Meade	28,865	12,574	619	0	42,058
Fort Pierce Utilities Authority	253,034	319,346	0	3,993	576,373
Gainesville Regional Utilities	839,871	761,724	179,306	16,013	1,796,914
Green Cove Springs	51,055	8,432	0	48,453	107,941
Havana	13,584	8,889	0	0	22,473
Homestead	357,883	39,805	164,196	29,657	591,541
JEA	5,723,164	4,005,422	2,707,762	54,888	12,491,236
Keys Energy Services	388,297	349,623	0	2,281	740,200
Kissimmee Utility Authority	1,025,120	553,841	148,892	20,476	1,748,329
Lake Worth Utilities	282,450	151,853	0	30,716	465,019
Lakeland Electric	1,568,474	817,408	667,270	101,939	3,155,091
Leesburg	264,882	182,556	30,679	17,745	495,862
Moore Haven	9,381	6,495	0	364	16,240
Mount Dora	54,329	33,641	0	7,658	95,628
New Smyrna Beach	312,973	139,140	0	3,668	455,781
Newberry	25,558	7,259	3,451	6,423	42,691
Ocala Electric Utility	550,520	171,860	567,445	39,017	1,328,842
Orlando Utilities Commission ***	2,790,761	482,964	3,547,318	203,229	7,024,271
Quincy	46,270	59,444	3,327	27,246	136,287
Reedy Creek Improvement District	111	1,131,266	0	10,350	1,141,727
Starke	24,545	39,224	0	0	63,769
Tallahassee	1,148,688	1,442,040	0	32,175	2,622,903
Wauchula	28,348	30,039	0	1,632	60,019
Williston	13,683	14,972	214	4,233	33,102
Winter Park	191,246	237,117	0	0	428,363
Rural Electric Cooperative					
Central Florida Electric	393,696	75,765	46,505	40,782	556,748
Choctawhatchee Electric	761,103	126,956	123,371	0	1,011,430
Clay Electric	2,366,749	684,718	462,406	890	3,514,763
Escambia River Electric	166,078	35,733	6,392	599	208,802
Florida Keys Electric Cooperative	457,620	102,804	167,588	43,558	771,570
Glades Electric	175,968	37,666	107,810	0	321,444
Gulf Coast Electric	284,511	32,256	25,447	12,082	354,297
Lee County Electric	3,162,353	1,242,604	0	14,121	4,419,078
Okefenoke Rural Electric ^	164,475	11,695	732	3,054	179,956
Peace River Electric	673,803	285,912	46,400	10,313	1,016,429
Sumter Electric	2,581,354	953,483	296,389	1,922	3,833,147
Suwannee Valley Electric	325,922	113,698	134,617	0	574,238
Talquin Electric	691,807	169,324	159,764	6,056	1,026,951
Tri-County Electric	183,449	58,237	134,408	9,203	385,297
West Florida Electric	321,035	40,934	113,013	30,063	505,045
Withlacoochee River Electric	3,093,524	1,085,327	159,526	20,899	4,359,276
Respondent Total ^^	**133,791,125**	**87,206,261**	**20,493,933**	**6,637,590**	**248,128,909**

* Street and highway lighting, sales to public authorities, and interdepartmental sales.

** 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.

^ 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)
2022

Utility	Sales for Resale	Total Retail Sales *	Total Sales	Resales as Percentage of Total
Investor-Owned				
Duke Energy Florida, LLC	5,134,999	40,511,973	45,646,972	11.25%
Florida Power & Light Company **	13,475,871	126,449,896	139,925,767	9.63
Tampa Electric Company	404,509	20,466,729	20,871,238	1.94
Municipal				
Gainesville Regional Utilities	31,117	1,796,914	1,828,031	1.70%
JEA	30,379	12,491,236	12,521,615	0.24
Orlando Utilities Commission ***	1,299,351	7,024,271	8,323,621	15.61
Reedy Creek Improvement District	18,347	1,141,727	1,160,074	1.58
Tallahassee	313,582	2,622,903	2,936,485	10.68
Rural Electric Cooperative				
PowerSouth Energy ^	2,183,361	0	2,183,361	100%
Seminole Electric Cooperative ^	15,566,000	0	15,566,000	100
Talquin Electric	2,883	1,026,951	1,029,834	0.28

* 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.

^ Wholesale-only generating utility.

Source: Florida Public Service Commission, 2021 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)
2018-2022

Year	Residential	Commercial	Industrial	Other *	Total Retail Sales
2018	119,980	86,000	17,394	6,682	230,056
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

* Street and highway lighting, sales to public authorities, and interdepartmental sales.

Source: Florida Public Service Commission, 2021 Statistics of the Florida Electric Utility Industry; Florida Reliability Coordinating Council, Regional Load and Resource Plan, State Supplement (July 2023), FRCC Form 4.0, p. S-2.

Table 29

Retail Sales by Percentage of Class of Service *
2013-2022

Year	Residential	Commercial	Industrial	Other **
2013	51.32%	36.24%	9.04%	3.41%
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

* May not total due to rounding.

** Street and highway lighting, sales to public authorities, and interdepartmental sales.

Source: Florida Public Service Commission, 2021 Statistics of the Florida Electric Utility Industry; Table 26.

Revenues

Table 30

Revenues by Class of Service *
(Thousands)
2013-2022

Year	Residential	Commercial	Industrial	Other **	Total ***
2013	$12,409,792	$6,905,538	$2,015,606	$729,113	$22,060,049
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

* 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.

*** May not total due to rounding..

Source: Florida Public Service Commission, 2021 Statistics of the Florida Electric Utility Industry; Responses to staff data request.

Table 31

Revenues by Percentage of Class of Service *

2013-2022

Year	Residential	Commercial	Industrial	Other **
2013	56.3%	31.3%	9.1%	3.3%
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

* May not total due to rounding.

** Street and highway lighting, sales to public authorities, and interdepartmental sales.

Source: Florida Public Service Commission, 2021 Statistics of the Florida Electric Utility Industry; Responses to staff data request; Table 30.

Number of Customers

Table 32

Number of Customers

2018-2022

Utility	2018	2019	2020	2021	2022	Compound Growth Rate
Investor-Owned						
Duke Energy Florida, LLC	1,901,131	1,843,639	1,863,801	1,879,651	1,933,053	0.42%
Florida Power & Light Company *	5,424,296	5,529,792	5,610,607	5,691,917	5,803,850	1.71
Florida Public Utilities Company	31,009	31,829	32,334	32,688	32,866	1.46
Tampa Electric Company	756,254	771,960	786,048	802,050	819,766	2.04
Total Investor-Owned ^	8,112,690	8,177,220	8,292,790	8,406,306	8,589,535	1.44
Municipal						
Alachua	4,584	4,610	4,638	4,711	4,793	1.12%
Bartow	12,397	12,470	12,550	12,668	12,739	0.68
Beaches Energy Services	34,315	34,839	34,555	34,971	35,099	0.57
Blountstown	1,327	1,309	1,313	1,316	1,314	-0.25
Bushnell	1,055	1,186	1,602	1,605	1,630	11.49
Chattahoochee	1,156	1,117	1,100	1,122	1,123	-0.72
Clewiston	4,343	4,405	4,478	4,490	4,495	0.86
Fort Meade	2,635	2,657	2,693	2,728	2,738	0.96
Fort Pierce Utilities Authority	28,331	28,582	28,784	28,906	29,066	0.64
Gainesville Regional Utilities	97,681	98,324	99,714	101,117	101,051	0.85
Green Cove Springs	4,196	4,290	4,395	4,459	4,620	2.44
Havana	1,457	1,462	1,457	1,466	1,497	0.68
Homestead	30,718	25,511	23,981	27,293	26,429	-3.69
JEA	472,061	481,750	491,465	500,780	511,862	2.04
Keys Energy Services	29,728	30,610	30,908	31,322	31,542	1.49
Kissimmee Utility Authority	74,752	77,574	80,570	83,542	86,227	3.63
Lake Worth Utilities	27,244	27,361	26,935	27,286	27,802	0.51
Lakeland Electric	130,657	132,211	135,532	138,488	137,691	1.32
Leesburg	24,420	25,740	26,128	28,351	28,351	3.80
Moore Haven	1,137	1,164	1,118	1,177	964	-4.04
Mount Dora	5,853	5,886	5,951	6,059	6,124	1.14
New Smyrna Beach	28,030	28,795	29,659	29,979	30,827	2.41
Newberry	1,893	1,980	2,092	2,297	2,462	6.79
Ocala Electric Utility	53,485	54,183	54,666	55,032	55,997	1.15
Orlando Utilities Commission **	322,258	330,564	338,327	347,870	357,988	2.66
Quincy	4,786	4,710	4,749	4,783	4,926	0.72
Reedy Creek Improvement District	1,524	1,539	1,532	1,555	1,529	0.08
Starke	2,794	2,787	2,848	2,815	2,975	1.58
Tallahassee	121,677	123,753	125,477	125,912	127,188	1.11
Wauchula	2,806	2,822	2,846	2,866	2,874	0.60
Williston	1,744	1,737	1,737	1,755	1,634	-1.62
Winter Park	15,565	15,565	14,728	15,543	15,018	-0.89
Total Municipal ^	1,582,532	1,571,493	1,598,528	1,634,264	1,660,575	1.21
Rural Electric Cooperative						
Central Florida Electric	33,750	33,942	34,562	35,308	35,781	1.47%
Choctawhatchee Electric	51,790	53,439	55,664	58,073	61,550	4.41
Clay Electric	176,614	178,675	180,390	183,532	188,718	1.67
Escambia River Electric	11,197	11,380	11,647	11,944	12,385	2.55
Florida Keys Electric Cooperative	32,678	32,918	32,562	33,630	33,936	0.95
Glades Electric	16,344	16,540	16,821	16,968	17,328	1.47
Gulf Coast Electric	20,648	20,552	21,048	21,475	21,980	1.58
Lee County Electric	217,363	221,564	226,437	233,150	237,333	2.22
Okefenoke Rural Electric ***	10,586	10,746	10,890	11,124	11,349	1.76
Peace River Electric	43,578	48,884	51,665	55,206	58,897	7.82
Sumter Electric	205,644	210,815	216,477	222,054	230,909	2.94
Suwannee Valley Electric	26,395	26,876	27,388	28,043	28,636	2.06
Talquin Electric	54,218	54,378	55,191	55,812	56,427	1.00
Tri-County Electric	18,391	18,659	19,081	19,493	19,918	2.01
West Florida Electric	28,632	28,122	28,478	28,898	29,283	0.56
Withlacoochee River Electric	217,998	222,294	224,681	229,911	237,056	2.12
Total Rural Electric Cooperative ^	1,165,826	1,189,784	1,212,982	1,244,621	1,281,486	2.39

* 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.

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

^ May not total due to rounding.

Source: Florida Public Service Commission, 2021 Statistics of the Florida Electric Utility Industry; Responses to staff data request.

Table 33

Number of Customers by Class of Service

December 31, 2022

Utility	Residential	Commercial	Industrial	Other *	Total
Investor-Owned					
Duke Energy Florida, LLC	1,719,905	184,453	1,868	26,827	1,933,053
Florida Power & Light Company **	5,140,402	642,045	14,630	6,773	5,803,850
Florida Public Utilities Company	25,516	4,441	2	2,907	32,866
Tampa Electric Company	729,334	79,610	1,356	9,466	819,766
Total Investor-Owned ***	7,615,157	910,549	17,856	45,973	8,589,535
Municipal					
Alachua	4,026	767	0	0	4,793
Bartow	10,929	1,371	318	121	12,739
Beaches Energy Services	30,376	4,723	0	0	35,099
Blountstown	974	298	0	42	1,314
Bushnell	1,187	397	46	0	1,630
Chattahoochee	915	120	2	86	1,123
Clewiston	3,532	656	1	306	4,495
Fort Meade	2,438	299	1	0	2,738
Fort Pierce Utilities Authority	23,862	5,202	0	2	29,066
Gainesville Regional Utilities	89,751	11,289	11	0	101,051
Green Cove Springs	3,789	582	0	249	4,620
Havana	1,217	280	0	0	1,497
Homestead	23,448	2,101	609	271	26,429
JEA	452,281	55,387	200	3,994	511,862
Keys Energy Services	26,831	4,636	0	75	31,542
Kissimmee Utility Authority	74,899	11,279	49	0	86,227
Lake Worth Utilities	24,432	3,217	0	153	27,802
Lakeland Electric	115,191	13,227	77	9,196	137,691
Leesburg	23,934	3,923	2	492	28,351
Moore Haven	806	127	0	31	964
Mount Dora	5,167	863	0	94	6,124
New Smyrna Beach	27,224	2,484	0	1,119	30,827
Newberry	2,120	238	12	92	2,462
Ocala Electric Utility	44,316	7,894	954	2,833	55,997
Orlando Utilities Commission ^	236,057	28,013	5,102	88,816	357,988
Quincy	4,042	774	4	106	4,926
Reedy Creek Improvement District	9	1,429	0	91	1,529
Starke	2,169	806	0	0	2,975
Tallahassee	107,358	15,686	0	4,144	127,188
Wauchula	2,285	520	0	69	2,874
Williston	1,152	396	8	78	1,634
Winter Park	12,458	2,560	0	0	15,018
Total Municipal ***	1,359,175	181,544	7,396	112,460	1,660,575
Rural Electric Cooperative					
Central Florida Electric	31,784	2,718	10	1,269	35,781
Choctawhatchee Electric	53,758	7,547	245	0	61,550
Clay Electric	166,480	22,153	46	39	188,718
Escambia River Electric	11,198	1,158	10	19	12,385
Florida Keys Electric Cooperative	28,127	4,760	402	647	33,936
Glades Electric	13,314	3,178	836	0	17,328
Gulf Coast Electric	20,473	962	13	532	21,980
Lee County Electric	215,106	22,227	0	0	237,333
Okefenoke Rural Electric ^^	10,783	484	0	82	11,349
Peace River Electric	48,665	10,107	3	122	58,897
Sumter Electric	210,291	20,575	15	28	230,909
Suwannee Valley Electric	25,154	3,473	9	0	28,636
Talquin Electric	52,480	3,317	5	625	56,427
Tri-County Electric	18,012	1,616	14	276	19,918
West Florida Electric	25,813	2,839	1	630	29,283
Withlacoochee River Electric	211,486	25,052	24	494	237,056
Total Rural Electric Cooperative ***	1,142,924	132,166	1,633	4,763	1,281,486

* Street and highway lighting, sales to public authorities, and interdepartmental sales.

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

*** May not total due to rounding.

^ 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
2022-2031

Utility	Year	Residential	Commercial	Industrial	Other	Total Customers	Population
Duke Energy Florida, LLC	2022	1,719,905	184,453	1,868	26,827	1,933,053	4,253,325
	2026 *	1,865,616	195,872	1,820	26,689	2,089,997	4,475,613
	2031 *	2,051,298	209,973	1,778	26,430	2,289,479	4,802,089
Florida Power & Light Company **	2022	5,140,402	642,045	14,630	6,773	5,803,850	11,029,579
	2026 *	5,383,945	672,627	15,836	8,419	6,080,827	11,483,815
	2031 *	5,699,800	704,603	15,749	9,646	6,429,798	12,084,274
Tampa Electric Company	2022	729,334	79,610	1,356	9,466	819,766	1,520,529
	2026 *	780,711	82,229	1,356	9,785	874,081	1,618,751
	2031 *	832,584	84,776	1,355	10,124	928,839	1,719,612

* 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 2023), Schedule Nos. 2.1, 2.2, and 2.3; Table 33.

Prices

Typical Electric Bill Comparison - Residential Charges *
December 31, 2022

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	$12.45	$26.60	$47.82	$83.22	$118.57	$153.94	$235.81
Florida Power & Light Company	8.99	19.84	36.15	63.30	90.42	117.57	181.88
FPL - NW Division **	8.99	23.25	44.67	80.32	115.96	151.61	232.94
Florida Public Utilities Company	16.95	29.17	47.52	78.10	108.67	139.23	214.20
Tampa Electric Company	21.30	32.11	48.31	75.34	102.34	129.34	193.42

* 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

Continued

Typical Electric Bill Comparison - Residential Charges *

December 31, 2022

Municipal	Minimum Bill or Customer Charge	100 kWh	250 kWh	500 kWh	750 kWh	1,000 kWh	1,500 kWh
Alachua	$9.14	$20.88	$38.49	$67.84	$97.19	$126.54	$190.34
Bartow	8.70	23.07	44.63	80.54	116.47	152.38	224.22
Beaches Energy Services	4.50	19.05	40.86	77.23	113.59	149.95	222.68
Blountstown	5.01	18.68	39.18	73.35	107.52	141.69	210.03
Bushnell	10.00	26.07	50.16	90.33	130.49	170.65	250.98
Chattahoochee	10.15	26.48	50.97	91.79	132.61	173.42	255.06
Clewiston	6.81	17.68	33.98	66.41	96.21	126.01	185.61
Fort Meade	12.96	28.12	50.86	88.76	126.66	164.56	240.36
Fort Pierce Utilities Authority	6.01	19.53	39.82	73.62	107.43	143.84	216.66
Gainesville Regional Utilities	16.50	32.71	57.03	97.55	138.08	182.61	277.01
Green Cove Springs	12.00	25.90	46.75	81.50	117.25	151.00	226.50
Havana	6.00	20.69	42.72	79.43	116.14	152.85	226.28
Homestead	5.60	16.50	32.85	60.10	87.35	114.60	169.10
JEA	5.50	17.71	36.03	66.56	97.09	127.61	188.67
Keys Energy Services	24.00	41.21	67.00	110.01	153.00	196.00	282.01
Kissimmee Utility Authority	10.17	21.70	39.01	67.84	96.68	125.51	189.51
Lake Worth Utilities	10.55	23.54	43.03	75.51	107.99	140.47	215.43
Lakeland Electric	11.00	23.84	43.10	75.20	107.30	139.40	207.20
Leesburg	13.00	31.29	55.74	96.47	137.21	177.94	270.69
Moore Haven	9.14	23.06	43.94	78.75	113.55	148.35	217.96
Mount Dora	11.02	27.18	51.43	91.84	132.25	172.66	253.48
New Smyrna Beach	8.25	19.40	36.12	63.98	91.85	119.71	183.21
Newberry	9.50	24.30	46.50	83.50	120.50	157.50	231.50
Ocala Electric Utility	17.00	31.56	53.41	89.82	126.23	162.64	235.46
Orlando Utilities Commission	15.00	27.20	45.50	76.00	106.50	137.00	210.50
Quincy	6.00	17.48	34.70	63.41	92.11	120.81	178.22
Reedy Creek Improvement District	2.85	14.79	32.72	62.57	92.44	122.29	182.01
Starke	6.45	21.00	42.84	79.22	115.61	151.99	235.76
Tallahassee	8.95	20.75	38.45	67.95	97.44	126.94	185.94
Wauchula	15.00	28.60	49.00	83.00	117.00	151.00	219.00
Williston	8.71	17.91	31.71	54.72	77.72	100.72	146.73
Winter Park	16.98	27.57	43.46	69.94	96.41	122.89	191.93

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

Typical Electric Bill Comparison - Residential Charges *
December 31, 2022

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	$28.50	$41.30	$60.50	$92.50	$124.50	$156.50	$233.50
Choctawhatchee Electric	26.00	36.90	53.26	80.50	107.76	135.01	189.51
Clay Electric	27.00	39.25	57.63	88.25	118.88	149.50	220.15
Escambia River Electric	42.00	54.60	73.50	105.00	136.50	168.00	231.00
Florida Keys Electric Cooperative	30.00	42.52	61.29	92.59	123.88	155.17	234.26
Glades Electric	45.00	59.52	81.29	117.58	153.87	190.15	281.48
Gulf Coast Electric	30.00	42.34	60.84	91.69	122.53	153.37	215.06
Lee County Electric	15.00	28.15	47.88	80.75	116.23	151.70	228.00
Okefenoke Rural Electric **	35.00	46.40	63.51	92.02	120.52	149.03	206.05
Peace River Electric	28.00	39.45	56.63	85.25	113.88	142.50	204.75
Sumter Electric	30.00	42.56	61.40	92.80	124.20	155.60	228.40
Suwannee Valley Electric	29.70	41.69	59.68	89.65	119.63	149.60	226.10
Talquin Electric	32.50	44.53	62.58	92.65	122.73	152.80	223.75
Tri-County Electric	28.00	42.20	63.50	99.00	134.50	170.00	253.00
West Florida Electric	35.00	46.48	63.71	92.42	121.12	149.83	207.25
Withlacoochee River Electric	34.16	44.85	60.88	87.61	114.33	141.05	195.63

* 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 2022), pp. A-1, A-2, and A-3.

Table 36, Page 1 of 3

Typical Electric Bill Comparison - Commercial and Industrial Charges *

December 31, 2022

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	$2,050	$5,281	$17,565	$43,090	$86,164
Florida Power & Light Company	1,888	4,713	16,115	38,057	73,801
FPL - NW Division **	2,365	6,194	20,485	47,795	93,949
Florida Public Utilities Company	1,955	5,365	17,917	45,377	90,597
Tampa Electric Company	2,021	4,758	15,785	35,586	70,586

* 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.

Typical Electric Bill Comparison - Commercial and Industrial Charges *

December 31, 2022

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	$2,009	$5,384	$17,841	$45,046	$90,046
Bartow	2,442	6,586	21,903	55,273	110,525
Beaches Energy Services	2,621	7,193	23,939	60,976	121,936
Blountstown	2,306	6,899	22,974	61,246	122,482
Bushnell	2,370	6,638	22,073	56,923	113,823
Chattahoochee	2,583	8,056	26,796	69,573	139,121
Clewiston	2,028	5,728	19,008	49,370	98,703
Fort Meade	2,426	7,017	23,292	58,902	117,762
Fort Pierce Utilities Authority	2,264	6,206	22,584	55,781	111,523
Gainesville Regional Utilities	3,228	8,628	28,508	70,695	141,005
Green Cove Springs	2,443	6,590	21,850	52,525	104,825
Havana	2,335	6,993	23,294	62,107	124,207
Homestead	1,925	5,226	17,336	44,046	88,056
JEA	2,002	5,205	17,152	43,211	86,087
Keys Energy Services	3,373	9,239	30,866	78,191	156,411
Kissimmee Utility Authority	2,128	5,605	18,554	46,422	92,788
Lake Worth Utilities	2,889	7,507	24,721	61,706	123,282
Lakeland Electric	2,122	5,655	19,235	47,253	94,031
Leesburg	2,798	7,330	24,790	60,853	124,653
Moore Haven	2,427	6,478	21,509	54,054	108,072
Mount Dora	2,262	6,283	20,886	53,639	107,253
New Smyrna Beach	2,103	5,642	18,006	45,273	90,501
Newberry	2,505	6,675	22,145	53,045	106,045
Ocala Electric Utility	2,306	6,346	21,378	54,018	107,986
Orlando Utilities Commission	2,110	5,435	18,035	43,875	87,615
Quincy	1,927	5,045	16,677	41,633	77,746
Reedy Creek Improvement District	1,872	4,936	16,405	40,861	81,702
Starke	2,500	7,481	24,915	66,425	132,841
Tallahassee	2,171	5,183	16,976	39,964	79,844
Wauchula	2,120	5,825	19,335	49,435	98,835
Williston	1,594	4,266	13,940	35,090	70,130
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.

Continued

Typical Electric Bill Comparison - Commercial and Industrial Charges *
December 31, 2022

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	$2,405	$6,422	$21,174	$53,049	$105,999
Choctawhatchee Electric	1,722	4,625	14,678	37,432	74,821
Clay Electric	2,056	5,683	18,755	48,430	93,365
Escambia River Electric	2,295	6,142	20,352	51,352	102,652
Florida Keys Electric Cooperative	2,300	6,749	22,327	59,398	118,722
Glades Electric	2,950	7,949	26,148	66,810	133,470
Gulf Coast Electric	2,345	5,961	19,777	44,623	89,203
Lee County Electric	2,271	6,233	20,713	52,858	105,688
Okefenoke Rural Electric **	2,114	5,258	17,200	42,053	83,966
Peace River Electric	2,057	5,302	17,555	43,260	86,320
Sumter Electric	2,109	5,720	18,880	48,230	96,380
Suwannee Valley Electric	2,162	5,924	19,750	49,450	98,650
Talquin Electric	2,084	5,853	19,703	46,467	92,609
Tri-County Electric	2,580	6,765	22,200	55,950	111,750
West Florida Electric	1,898	4,746	15,676	37,946	75,792
Withlacoochee River Electric	1,742	4,697	15,564	39,439	78,839

* 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 2022), pp. A-4, A-5, and A-6.

Economic and Financial Indicators

Table 37

Population (Thousands) 2013-2022

Year	Florida Population	National Population
2013	19,553	316,129
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
Compound Annual Growth Rate, 2013-2022	1.44%	0.59%
Compound Annual Growth Rate, 2018-2022	1.09%	0.46%

Source: U.S. Census Bureau, State & County Quick Facts (July 2022), 2021 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	23,219	344,234
2035	25,676	364,862
2045	27,270	381,390
Compound Annual Growth Rate, 2025-2045	0.85%	0.54%

Sources: The Office of Economic & Demographic Research (May 2023, Data: 2022 Population by County: Projections of Florida Population by County (EDR - 2025-2050). Retrieved from http://edr.state.fl.us/Content/population-demographics/data/MediumProjections_2022.pdf

U.S. Census Bureau, Population Projections (March 2021), 2017 National Population Projections Tables: Summary Tables, Projections of population size: Table 1. Projected population size and births, deaths, and migration (CSV - 2020 to 2060). Retrieved from https://www.census.gov/data/tables/2017/demo/popproj/2017-summary-tables.html

Table 39

Consumer Price Index
All Urban Consumers
Annual Rate of Change
2013-2022

Year	All Urban Consumers
2013	1.5%
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

Source: U.S. Government Publishing Office, Economic Indicators (January 2021), Prices: Changes in Consumer Prices - All Urban Consumers. Retrieved from http://www.gpo.gov/fdsys/browse/collection.action?collectionCode=ECONI

Table 40

Consumer Price Index
For All Items and Energy Total
2013-2022

Year	All Items	Energy Total *
2013	233.0	224.0
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

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

Source: U.S. Government Publishing Office, Economic Indicators (January 2021), 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
2013-2022

Year	Finished Goods	Capital Equipment
2013	196.1	165.3
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

Source: U.S. Department of Labor, Bureau of Labor and Statistics (January 2021), 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