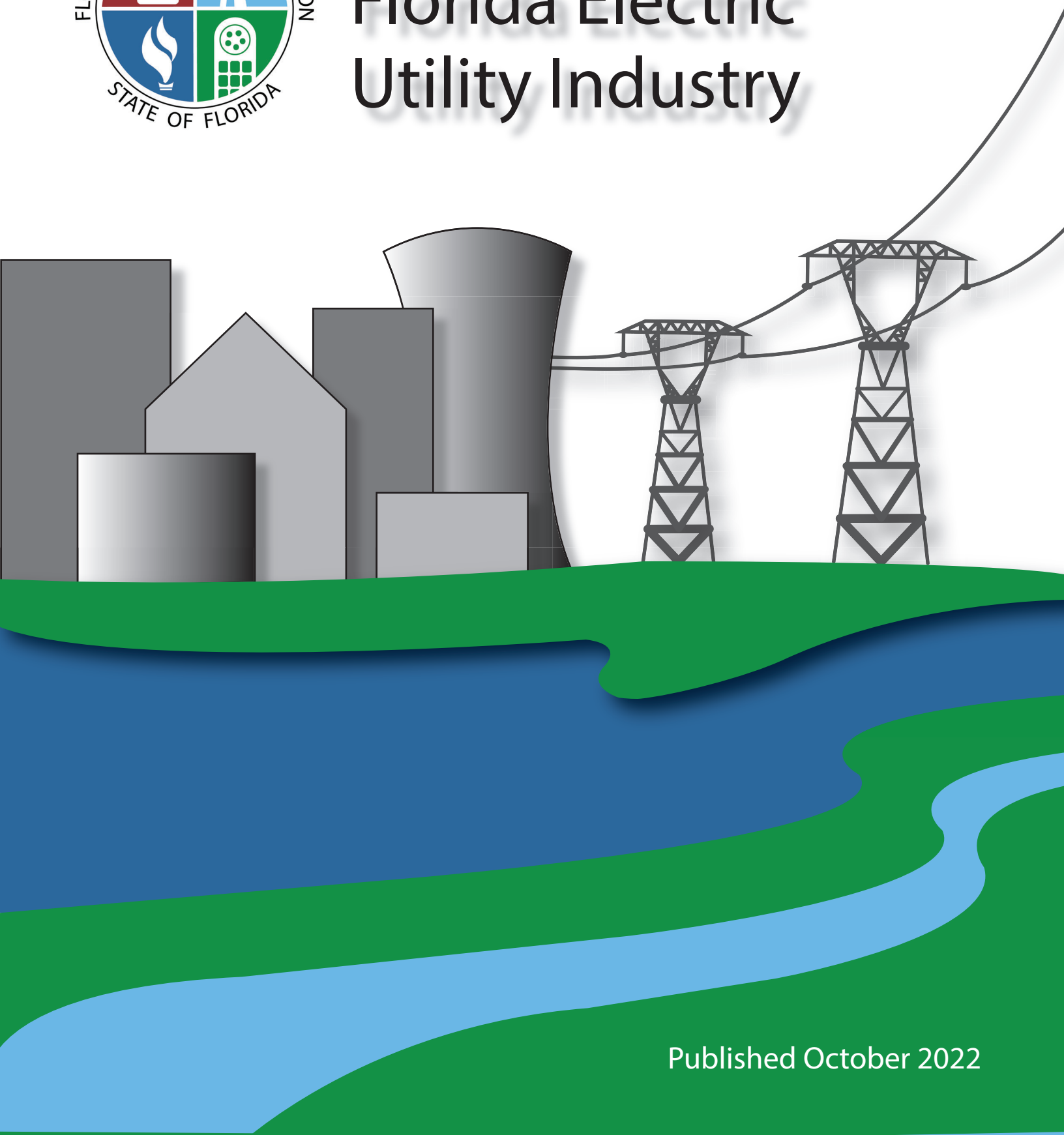
STATISTICS OF THE

Florida Electric Utility Industry



Published October 2022

Statistics of the
Florida Electric Utility Industry
2021

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

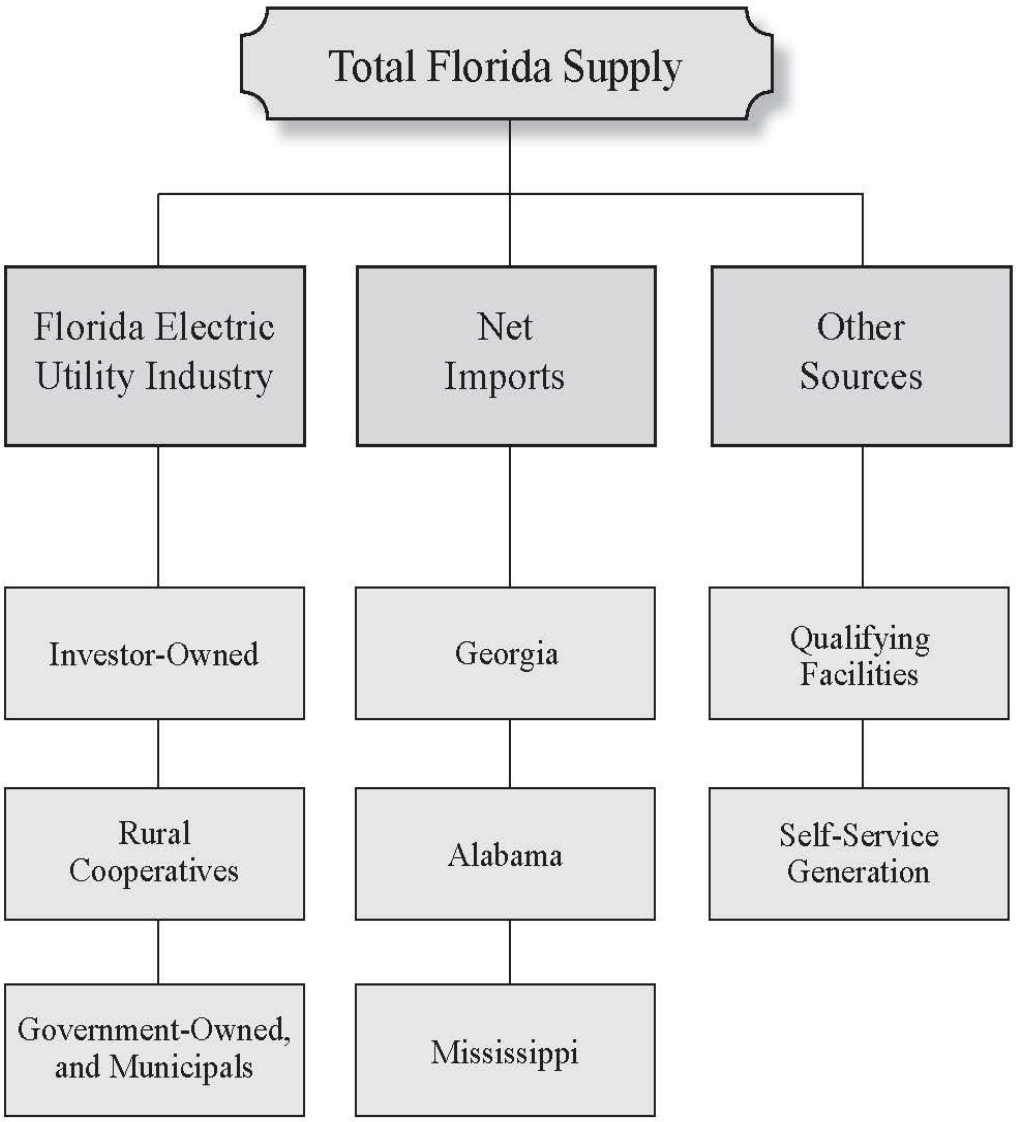
Peak Load = That 60 minute demand interval for which gross generated MWh was highest for the year.

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.

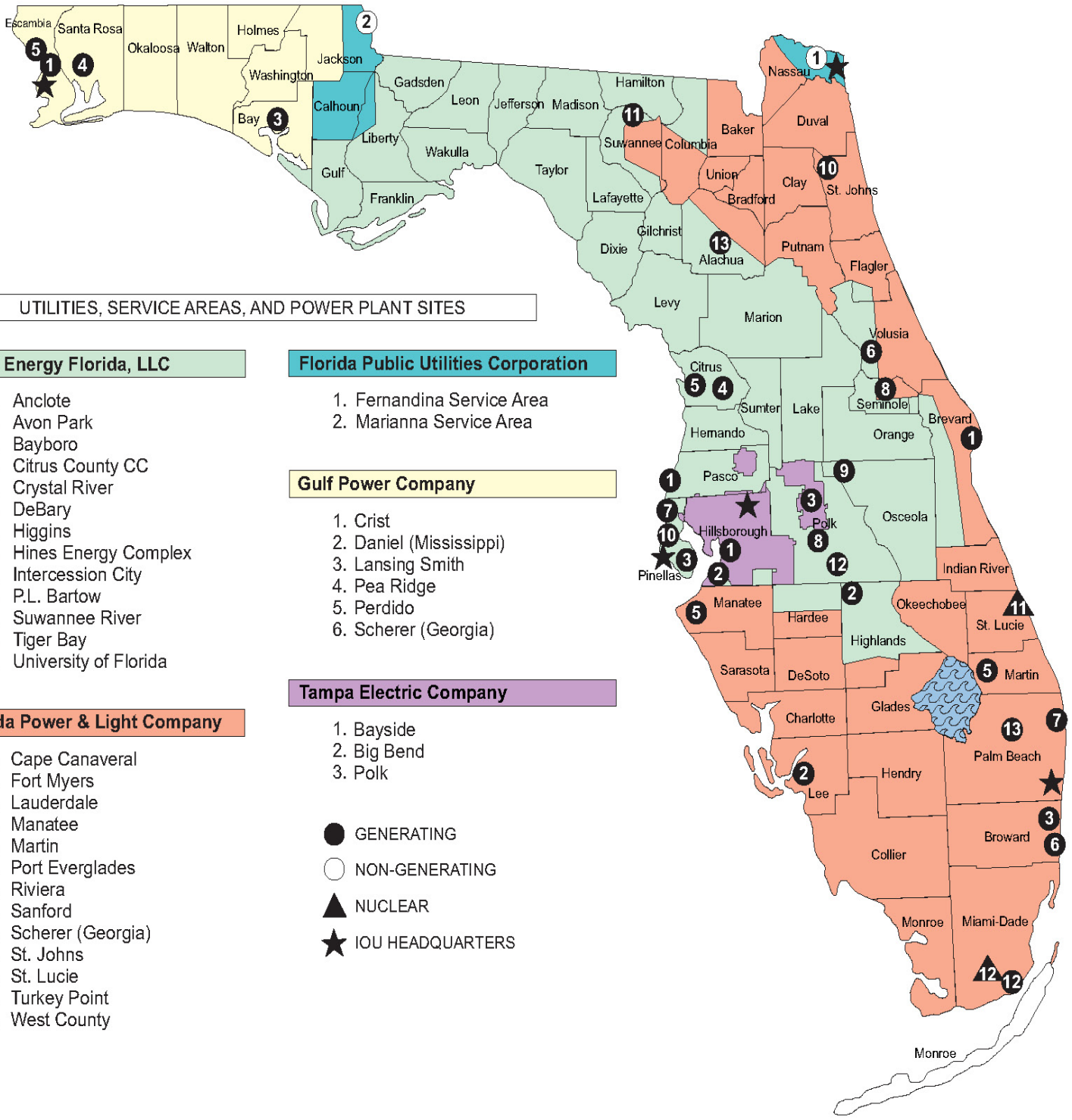
Overview

Florida Sources of Electricity by Type of Ownership



Investor-Owned Electric

2021



UTILITIES, SERVICE AREAS, AND POWER PLANT SITES

Duke Energy Florida, LLC

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

Florida Power & Light Company

1. Cape Canaveral
2. Fort Myers
3. Lauderdale
4. Manatee
5. Martin
6. Port Everglades
7. Riviera
8. Sanford
9. Scherer (Georgia)
10. St. Johns
11. St. Lucie
12. Turkey Point
13. West County

Florida Public Utilities Corporation

1. Fernandina Service Area
2. Marianna Service Area

Gulf Power Company

1. Crist
2. Daniel (Mississippi)
3. Lansing Smith
4. Pea Ridge
5. Perdido
6. Scherer (Georgia)

Tampa Electric Company

1. Bayside
2. Big Bend
3. Polk

● GENERATING

○ NON-GENERATING

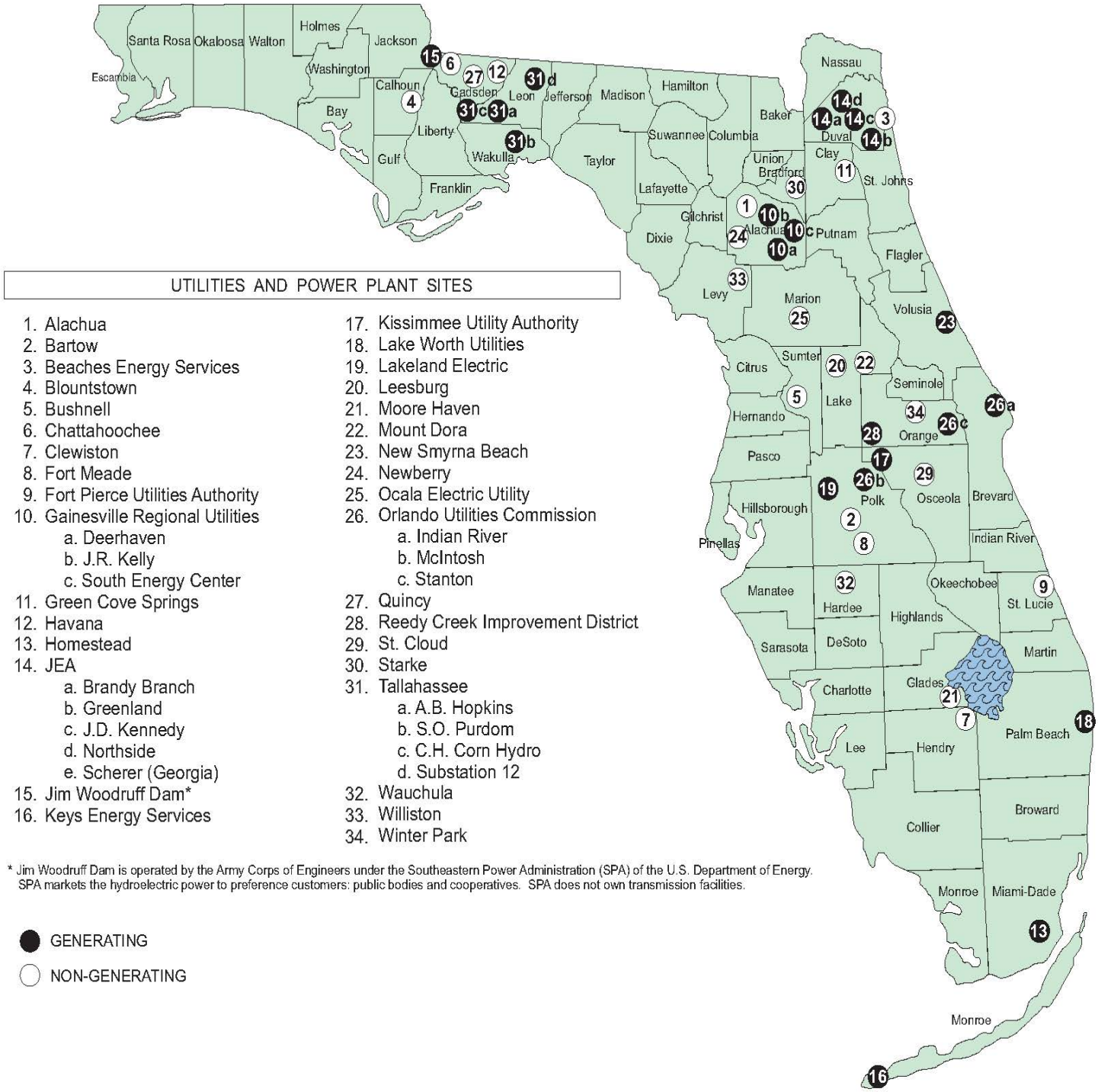
▲ NUCLEAR

★ IOU HEADQUARTERS

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

Source: Florida Public Service Commission.

Municipal Electric
2021



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. Reedy Creek Improvement District
29. St. Cloud
30. Starke
31. Tallahassee
    a. A.B. Hopkins
    b. S.O. Purdom
    c. C.H. Corn Hydro
    d. Substation 12
32. Wauchula
33. Williston
34. Winter Park

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

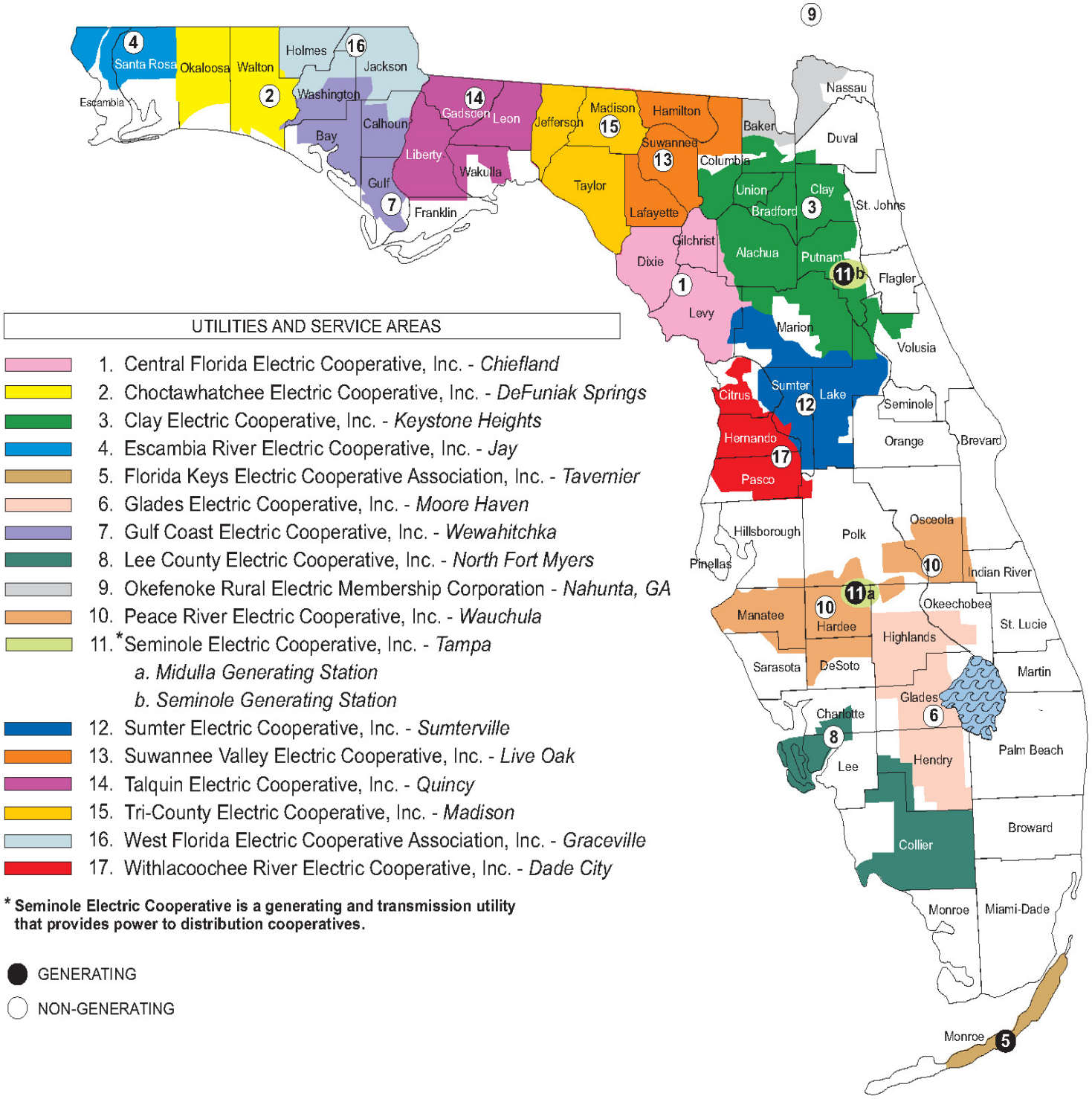
● GENERATING

○ NON-GENERATING

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

Source: Florida Public Service Commission.

Rural Electric Cooperatives
2021

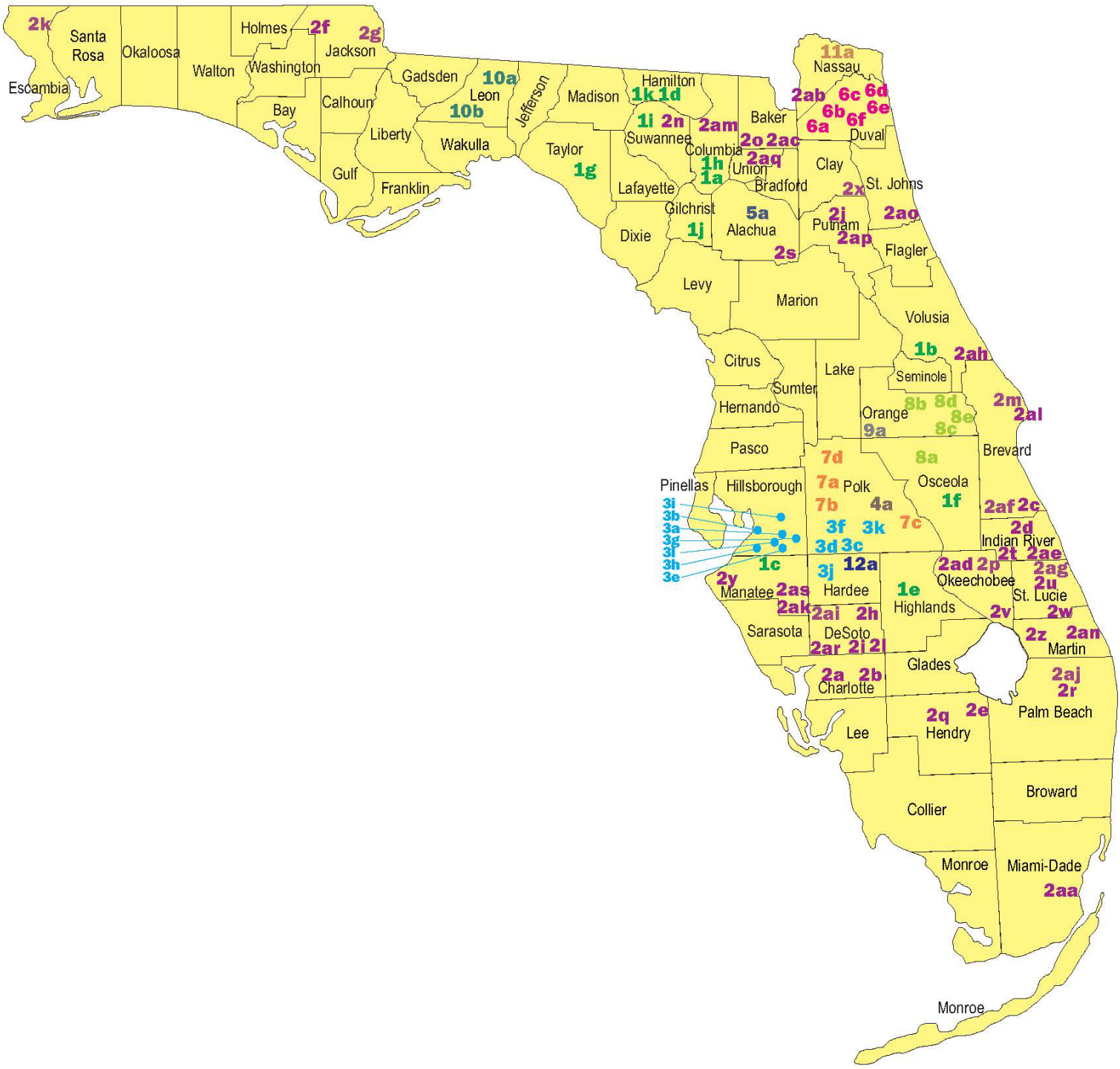


* Excludes solar generation. Service areas are approximations. Information on this map should be used only as a general guideline. For more detailed information, contact individual utilities.

Source: Florida Public Service Commission.

Florida Solar Electric

2021



* Map Key is on next page

** 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
2021

UTILITIES AND SOLAR SITES

Only systems over 2 MW shown.

Investor-Owned Electric

1	**Duke Energy Florida, LLC (DEF)**	
1a	Columbia, Columbia County	74.5 MW
1b	Debary Solar, Volusia County	74.5 MW
1c	Duette, Manatee County	74.9 MW
1d	Hamilton, Hamilton County	74.5 MW
1e	Lake Placid, Highlands County	45 MW
1f	Osceola, Osceola County	3.8 MW
1g	Perry, Taylor County	5.1 MW
1h	Santa Fe, Columbia County	74.9 MW
1i	Suwannee, Suwannee County	8.8 MW
1j	Trenton, Gilchrist County	74.9 MW
1k	Twin Rivers, Hamilton County	74.9 KW
2	**Florida Power & Light (FPL)**	
2a	Babcock Preserve, Charlotte County	74.5 MW
2b	Babcock Ranch, Charlotte County	74.5 MW
2c	Barefoot Bay, Brevard County	74.5 MW
2d	Blue Cypress, Indian River County	74.5 MW
2e	Blue Heron, Hendry County	74.5 MW
2f	Blue Indigo, Jackson County	74.5 MW
2g	Blue Springs, Jackson County	74.5 MW
2h	Cattle Ranch, DeSoto County	74.5 MW
2i	Citrus Solar, DeSoto County	74.5 MW
2j	Coral Farms, Putnam County	74.5 MW
2k	Cotton Creek, Escambia County	74.5 MW
2l	Desoto Next Generation, DeSoto County	25 MW
2m	Discovery, Brevard County	74.5 MW
2n	Echo River, Suwannee County	74.5 MW
2o	Egret Solar, Baker County	74.5 MW
2p	Fort Drum, Okeechobee County	74.5 MW
2q	Hammock, Hendry County	74.5 MW
2r	Hibiscus, Palm Beach County	74.5 MW
2s	Horizon, Alachua/Putnam County	74.5 MW
2t	Indian River, Indian River County	74.5 MW
2u	Interstate Solar, St. Lucie County	74.5 MW
2v	Lakeside Solar, Okeechobee County	74.5 MW
2w	Loggerhead, St. Lucie County	74.5 MW
2x	Magnolia Springs, Clay County	74.5 MW
2y	Manatee Solar, Manatee County	74.5 MW
2z	Martin Next Generation, Martin County	75 MW
2aa	Miami Dade, Miami-Dade County	74.5 MW
2ab	Nassau, Nassau County	74.5 MW
2ac	Northern Preserve, Baker County	74.5 MW
2ad	Okeechobee, Okeechobee County	74.5 MW
2ae	Orange Blossom, Indian River County	74.5 MW
2af	Palm Bay, Brevard County	74.5 MW
2ag	Pelican, St. Lucie County	74.5 MW
2ah	Pioneer Trail, Volusia County	74.5 MW
2ai	Rodeo, DeSoto County	74.5 MW
2aj	Sabal Palm, Palm Beach County	74.5 MW
2ak	Southfork, Manatee County	74.5 MW
2al	Space Coast, Brevard County	10 MW
2am	Sunshine Gateway, Columbia County	74.5 MW
2an	Sweetbay, Martin County	74.5 MW
2ao	Trailside, St. Johns County	74.5 MW
2ap	Twin Lakes, Putnam County	74.5 MW
2aq	Union Springs, Union County	74.5 MW
2ar	Wildflower, DeSoto County	74.5 MW
2as	Willow, Manatee County	74.5 MW
3	**Tampa Electric Company (TECO)**	
3a	Balm, Hillsborough County	74.4 MW
3b	Big Bend, Hillsborough County	19.4 MW
3c	Bonnie Mine, Polk County	37.5 MW
3d	Durrance, Polk County	60 MW
3e	Grange Hall, Hillsborough County	61.1 MW
3f	Lake Hancock, Polk County	49.5 MW
3g	Lithia, Hillsborough County	74.4 MW
3h	Little Manatee, Hillsborough County	74.5 MW
3i	Magnolia, Hillsborough County	74.5 MW
3j	Payne Creek, Hardee County	70.3 MW
3k	Peace Creek, Polk County	55.4 MW
3l	Wimauma, Hillsborough County	74.5 MW

Municipal Electric

4	**Bartow**	
4a	Bartow Solar Energy, LLC (PPA), Polk County	7.2 MW
5	**Gainesville Regional Utilities (GRU)**	
5a	Solar FIT (PPA), Alachua County	18.5 MW
6	**JEA**	
6a	Blair Site Solar (PPA), Duval County	4 MW
6b	Jacksonville Solar (PPA), Duval County	12 MW
6c	NW Jax Solar Partners (PPA), Duval County	7 MW
6d	Old Plank Road Solar Farm (PPA), Duval County	3 MW
6e	Starratt Solar (PPA), Duval County	5 MW
6f	SunPort Solar (PPA), Duval County	5 MW
7	**Lakeland Electric**	
7a	Airport I (PPA), Polk County	2.25 MW
7b	Airport II (PPA), Polk County	2.75 MW
7c	Airport III (PPA), Polk County	3.15 MW
7d	Bella Vista Bluebird (PPA), Polk County	6 MW
8	**Orlando Utilities Commission**	
8a	Harmony Solar (PPA), Osceola County	34 MW
8b	Solar Farm (PPA), Orange County	5.9 MW
8c	Stanton Solar (PPA), Orange County	5.9 MW
8d	Staton Solar Landfill (PPA), Orange County	6.82 MW
8e	Taylor Creek, Orange County	74.5 MW
9	**Reedy Creek Improvement District**	
9a	Walt Disney Solar Facility (PPA), Orange County	5 MW
10	**Tallahassee**	
10a	Solar Farm 1 (PPA), Leon County	20 MW
10b	Solar Farm 4 (PPA), Leon County	42 MW

Rural Electric Cooperatives

11	**Okefenoke Rural Electric Membership**	
11a	SR South Loving (PPA), Nassau County	6 MW
12	**Seminole Electric**	
12a	MGS Solar Facility (PPA), Hardee County	2.2 MW

Source: Florida Public Service Commission.

Florida Electric Utility Industry
2021

Investor-Owned

Duke Energy Florida, LLC
Florida Power & Light Company
Florida Public Utilities Company
Gulf Power 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 Association, Inc. ***
PowerSouth Energy Cooperative *
Seminole Electric Cooperative, Inc. *
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 Membership Corporation ^
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.

* 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
2021

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
Gulf Power Company	Bay, Escambia, Holmes, Jackson, Okaloosa, Santa Rosa, Walton, Washington
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 Association **	Monroe

* 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
2021

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
Tri-County Electric	Indian River
West Florida Electric Cooperative Association	Hardee
Williston	Levy
Winter Park	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
2017-2021

	2017	2018	2019	2020	2021
Total Installed Capacity (Megawatts) *	58,506	56,359	57,758	57,113	57,408
Installed Capacity by Fuel Type (Percentage)					
Natural Gas	63%	63%	62%	70%	64%
Coal	20	20	16	14	14
Nuclear	6	6	6	6	6
Other **	11	11	16	10	16
Total *	100%	100%	100%	100%	100%
Energy Sales (Gigawatt-hours)					
Residential	121,687	125,089	127,155	133,202	130,203
Commercial	84,617	86,241	86,831	83,101	84,732
Industrial	20,670	20,782	19,418	19,603	20,121
Other	6,746	6,784	7,171	6,417	6,449
Total	233,720	238,896	240,576	242,323	241,506
Number of Customers (Thousands)					
Residential	9,398	9,515	9,584	9,738	9,895
Commercial	1,150	1,164	1,176	1,186	1,206
Industrial	28	25	25	24	25
Other	143	157	153	156	159
Total	10,719	10,861	10,938	11,104	11,285
Average Residential Bill (1,000 kWh) ***	$115.86	$113.77	$112.28	$113.20	$126.08

* May not total due to rounding.

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

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

Source: Florida Public Service Commission, 2020 Statistics of the Florida Electric Utility Industry; Florida Public Service Commission, Review of Ten-Year Site Plan, Nov. 2021; Florida Reliability Coordinating Council, Regional Load and Resource Plan, State Supplement (July 2022), FRCC Form 1.0, p. S-7; Responses to staff data request.

Financial Statistics of
Investor-Owned Utilities (IOUs)

Table 1

Rate of Return
2017-2021

	2017	2018	2019	2020	2021
Average per Book Rate of Return					
Duke Energy Florida, LLC	6.39%	5.94%	5.94%	6.11%	5.68%
Florida Power & Light Company	6.95	7.29	7.45	7.44	7.51
Gulf Power Company	5.41	4.02	4.86	5.25	5.21
Tampa Electric Company	6.31	6.26	6.23	6.47	5.90
Average Adjusted Rate of Return					
Duke Energy Florida, LLC	6.38%	5.92%	6.40%	6.43%	5.87%
Florida Power & Light Company	6.32	6.70	6.81	6.84	6.87
Gulf Power Company	5.68	5.84	5.88	5.85	5.74
Tampa Electric Company	6.41	6.24	6.36	6.48	5.82
FPSC Authorized Rate of Return *					
Duke Energy Florida, LLC	6.68%	6.53%	6.27%	6.27%	6.32%
Florida Power & Light Company	6.09	6.22	6.32	6.34	6.36
Gulf Power Company	5.47	5.54	5.56	5.68	5.71
Tampa Electric Company	6.03	6.10	6.32	6.28	6.35
Adjusted Jurisdictional Year-End Rate Base (Millions)					
Duke Energy Florida, LLC	$11,339	$13,186	$13,662	$14,883	$16,029
Florida Power & Light Company	34,619	36,816	40,897	45,314	48,850
Gulf Power Company	2,487	2,610	2,743	3,249	3,912
Tampa Electric Company	5,592	6,100	6,556	6,849	7,353

* Average Capital Structure - Midpoint.

Source: Florida Public Service Commission, 2020 Statistics of the Florida Electric Utility Industry; Florida Public Service Commission, December 2021 Earnings Surveillance Report, Schedule 1.

Table 2

Sources of Revenue
(Percentage of Total Sales) *
2017-2021

	2017	2018	2019	2020	2021
Duke Energy Florida, LLC					
Residential	57.71%	58.36%	58.50%	60.86%	59.61%
Commercial	26.08	26.01	25.78	23.84	24.32
Industrial	5.92	5.55	5.25	5.19	5.27
Other	6.76	6.66	6.60	6.03	6.25
Sales for Resale	3.52	3.42	3.87	4.07	4.55
Total	100%	100%	100%	100%	100%
Total Sales (Millions)	$4,248.08	$4,644.95	$4,838.13	$4,757.71	$4,868.10
Florida Power & Light Company					
Residential	56.77%	56.96%	57.26%	59.87%	58.10%
Commercial	36.52	35.88	35.71	33.44	34.60
Industrial	1.75	1.71	1.64	1.60	1.66
Other	0.85	0.80	0.78	0.79	0.78
Sales for Resale	4.12	4.65	4.61	4.30	4.86
Total	100%	100%	100%	100%	100%
Total Sales (Millions)	$11,421.96	$11,231.75	$11,613.91	$11,115.20	$11,921.52
Gulf Power Company					
Residential	49.86%	49.83%	52.48%	56.19%	53.18%
Commercial	28.53	27.11	27.91	28.29	27.83
Industrial	9.97	9.35	9.56	9.25	9.38
Other	0.33	0.36	0.38	0.44	0.40
Sales for Resale	11.31	13.35	9.67	5.83	9.22
Total	100%	100%	100%	100%	100%
Total Sales (Millions)	$1,443.92	$1,400.38	$1,394.04	$1,309.45	$1,426.33
Tampa Electric Company					
Residential	52.44%	53.12%	53.57%	55.77%	54.30%
Commercial	30.11	28.99	28.78	27.72	28.26
Industrial	8.24	8.02	7.98	7.28	8.07
Other	8.78	9.33	9.36	9.09	9.09
Sales for Resale	0.43	0.54	0.31	0.14	0.28
Total	100%	100%	100%	100%	100%
Total Sales (Millions)	$1,917.86	$2,009.25	$1,955.90	$1,828.98	$2,129.49

* May not total due to rounding.

Source: Florida Public Service Commission, 2021 Annual Report, FERC Form No. 1, p. 300; Florida Public Service Commission, 2020 Statistics of the Florida Electric Utility Industry.

Table 3

Uses of Revenue
(Percentage of Total Operating Revenue) *
2017-2021

	2017	2018	2019	2020	2021
Duke Energy Florida, LLC					
Fuel	27.84%	27.09%	24.29%	21.69%	30.69%
Other Operation and Maintenance	32.77	34.61	31.31	32.81	31.99
Depreciation and Amortization	7.93	12.38	15.76	13.74	6.63
Taxes Other Than Income Taxes	7.66	7.62	7.67	7.52	7.49
Income Taxes	6.78	2.08	2.70	3.66	3.64
Interest	5.48	5.24	5.85	5.87	5.67
Net Operating Income Less Interest	11.56	10.98	12.41	14.71	13.89
Total	100%	100%	100%	100%	100%
Total Operating Revenue (Millions)	$4,512.68	$4,887.81	$5,088.73	$5,043.41	$5,111.85
Florida Power & Light Company					
Fuel	26.84%	28.40%	24.44%	22.51%	30.50%
Other Operation and Maintenance	28.10	13.12	17.47	15.21	9.62
Depreciation and Amortization	4.39	19.32	18.23	16.93	13.51
Taxes Other Than Income Taxes	11.15	11.36	11.41	11.80	11.47
Income Taxes	11.04	4.51	3.56	5.25	6.11
Interest	4.00	4.62	4.95	5.22	4.79
Net Operating Income Less Interest	14.47	18.67	19.95	23.07	24.00
Total	100%	100%	100%	100%	100%
Total Operating Revenue (Millions)	$11,594.06	$11,497.89	$11,824.21	$11,360.02	$12,244.34
Gulf Power Company					
Fuel	28.17%	28.70%	24.87%	20.45%	29.37%
Other Operation and Maintenance	33.90	35.88	32.34	29.05	21.06
Depreciation and Amortization	8.93	12.87	16.12	19.55	19.25
Taxes Other Than Income Taxes	7.67	8.04	7.78	7.93	7.81
Income Taxes	6.94	-1.01	2.84	4.75	4.78
Interest	3.31	3.63	3.73	2.94	1.82
Net Operating Income Less Interest	11.07	11.89	12.33	15.32	15.91
Total	100%	100%	100%	100%	100%
Total Operating Revenue (Millions)	$1,516.49	$1,465.15	$1,483.83	$1,395.96	$1,500.54
Tampa Electric Company					
Fuel	30.99%	30.71%	26.33%	22.10%	30.51%
Other Operation and Maintenance	22.22	26.91	21.97	25.85	23.54
Depreciation and Amortization	11.33	12.43	19.57	15.52	14.91
Taxes Other Than Income Taxes	8.15	8.14	8.21	8.52	8.27
Income Taxes	8.49	3.14	2.92	3.55	2.64
Interest	5.24	4.95	5.83	6.05	5.08
Net Operating Income Less Interest	13.58	13.71	15.16	18.40	15.06
Total	100%	100%	100%	100%	100%
Total Operating Revenue (Millions)	$1,987.79	$2,068.73	$2,006.93	$1,884.11	$2,179.99

* May not total due to rounding.

Source: Florida Public Service Commission, 2021 Annual Report, FERC Form No. 1, pp. 114, 117, 311, 320-321, and 323; Florida Public Service Commission, 2020 Statistics of the Florida Electric Utility Industry.

Table 4

Proprietary Capital and Long-Term Debt *

December 31, 2021

	Duke Energy Florida, LLC	Florida Power & Light Company	Gulf Power Company	Tampa Electric Company
Proprietary Capital (Thousands)				
Common Stock	$0	$1,373,069	$0	$119,697
Preferred Stock	0	0	0	0
Retained Earnings	6,525,139	12,215,568	334,043	201,569
Other Paid-In Capital	1,766,035	14,421,496	2,572,889	3,685,840
Other Adjustments	3,789	-3,741	-433	-1,489
Total Proprietary Capital	$8,294,963	$28,006,392	$2,906,499	$4,005,617
Long-Term Debt (Thousands)				
Bonds	$7,075,000	$15,238,271	$458,955	$2,905,000
Other Long-Term Debt and/or Adjustments	386,396	1,840,980	1,111,485	-9,744
Total Long-Term Debt	$7,461,396	$17,079,251	$1,570,440	$2,895,256
Total Proprietary Capital and Long-Term Debt	$15,756,359	$45,085,643	$4,476,939	$6,900,873
Proprietary Capital (Percent)				
Common Stock	0.0%	3.0%	0.0%	1.7%
Preferred Stock	0.0	0.0	0.0	0.0
Retained Earnings	41.4	27.1	7.5	2.9
Other Paid-In Capital	11.2	32.0	57.5	53.4
Other Adjustments	0.0	0.0	0.0	0.0
Total Proprietary Capital	52.6%	62.1%	64.9%	58.1%
Long-Term Debt (Percent)				
Bonds	44.9%	33.8%	10.3%	42.1%
Other Long-Term Debt and/or Adjustments	2.5	4.1	24.8	-0.1
Total Long-Term Debt	47.3%	37.8%	35.0%	42.0%
Total Proprietary Capital and Long-Term Debt	100%	100%	100%	100%

* May not total due to rounding.

Source: Florida Public Service Commission, 2020 Annual Report, FERC Form No. 1, p. 112.

Table 5

Financial Integrity Indicators
2017-2021

	2017	2018	2019	2020	2021
Times Interest Earned with AFUDC					
Duke Energy Florida, LLC	3.59 x	3.24 x	3.76 x	4.17 x	4.07 x
Florida Power & Light Company	6.96	5.79	5.53	6.26	6.98
Gulf Power Company	5.56	3.62	5.29	6.78	8.85
Tampa Electric Company	5.23	4.34	4.07	4.46	4.25
Times Interest Earned without AFUDC					
Duke Energy Florida, LLC	3.35 x	2.99 x	3.74 x	4.11 x	4.00 x
Florida Power & Light Company	6.76	5.59	5.40	6.13	6.78
Gulf Power Company	5.55	3.62	5.26	6.07	7.64
Tampa Electric Company	5.20	4.20	3.94	4.14	3.78
AFUDC as a Percentage of Net Income Interest Coverage Ratio					
Duke Energy Florida, LLC	8.35 %	5.05 %	1.16 %	2.04 %	2.84 %
Florida Power & Light Company	4.90	5.00	3.24	2.82	4.00
Gulf Power Company	0.07	0.08	1.06	14.66	18.00
Tampa Electric Company	0.75	4.73	4.58	9.94	15.33
Percent Internally Generated Funds					
Duke Energy Florida, LLC	69.21 %	62.87 %	69.21 %	96.20 %	75.44 %
Florida Power & Light Company	45.38	82.29	39.93	54.02	73.02
Gulf Power Company	90.11	9.95	-48.46	69.31	39.42
Tampa Electric Company	112.53	52.82	63.99	68.42	66.71

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

Net Generation

Table 6

Net Energy for Load
2012-2021

Year	Total Net Energy for Load (Gigawatt-Hours)	Investor-Owned		Other *	
		Quantity (Gigawatt-Hours)	Percent of Total	Quantity (Gigawatt-Hours)	Percent of Total
2012	234,366	182,998	78.1%	51,368	21.9%
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

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

Source: Florida Public Service Commission, 2020 Statistics of the Florida Electric Utility Industry; Florida Public Service Commission, Utility Ten-Year Site Plans (April 2022), Schedule Nos. 2.3 and 3.3; Florida Reliability Coordinating Council, Regional Load and Resource Plan, State Supplement (July 2022), FRCC Form 9.1, p. S-17.

Table 7

Net Energy for Load (NEL) by Fuel Type and Other Sources *
2012-2021

	Coal		Oil		Natural Gas		Nuclear		Hydro		NEL	Other Sources		NEL
Year	Gigawatt-Hours	Percent	Gigawatt-Hours	Percent	Gigawatt-Hours	Percent	Gigawatt-Hours	Percent	Gigawatt-Hours	Percent	Subtotal	NUG **	Other ***	Total
2012	47,542	21.8%	682	0.3%	151,856	69.6%	18,088	8.3%	9	0.0%	218,177	2,982	13,207	234,366
2013	50,775	23.3	487	0.2	140,187	64.3	26,672	12.2	29	0.0	218,150	3,182	13,693	235,025
2014	55,410	24.7	447	0.2	140,348	62.6	27,730	12.4	162	0.1	224,097	1,799	12,715	238,611
2015	46,685	20.2	592	0.3	156,348	67.5	27,872	12.0	162	0.1	231,659	1,841	14,906	248,406
2016	43,638	18.9	1,733	0.8	156,007	67.7	29,052	12.6	25	0.0	230,455	171	17,393	248,019
2017	42,573	18.4	487	0.2	159,719	68.9	29,080	12.5	17	0.0	231,876	1,942	12,215	246,033
2018	37,798	16.0	527	0.2	169,438	71.5	29,153	12.3	24	0.0	236,940	148	14,004	251,092
2019	28,599	12.0	517	0.2	180,726	75.7	28,838	12.1	10	0.0	238,690	1,803	26,188	266,681
2020	22,031	9.2	985	0.4	188,145	78.2	29,286	12.2	150	0.1	240,597	0	13,547	254,144
2021	24,579	10.5	282	0.1	179,782	76.8	29,373	12.5	148	0.1	234,164	0	25,840	260,004

* May not total due to rounding.

** Non-utility generation.

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

Source: Florida Public Service Commission, 2020 Statistics of the Florida Electric Utility Industry; Florida Reliability Coordinating Council, Regional Load and Resource Plan, State Supplement (July 2022), FRCC Form 9.1, p. S-17.

Table 8

Projected Net Energy for Load by Fuel Type and Other Sources
(Gigawatt-Hours)
2022-2031

Year	Net Energy for Load	Interchange & Other *	Nuclear	Coal	Oil	Natural Gas	Hydro	Solar
2022	259,278	17,190	30,028	20,104	66	179,216	138	12,536
2023	261,865	14,962	29,261	12,939	46	187,661	138	16,858
2024	263,814	15,596	28,880	10,758	43	186,104	138	22,295
2025	265,928	13,728	30,012	7,814	52	186,524	137	27,661
2026	267,879	13,176	29,785	6,863	57	186,009	137	31,852
2027	269,626	12,680	29,556	5,427	59	187,266	137	34,501
2028	271,869	12,639	30,189	5,787	63	185,265	137	37,789
2029	274,720	12,332	29,744	5,239	59	185,982	137	41,227
2030	277,500	12,336	29,565	5,744	56	184,732	137	44,930
2031	279,454	12,549	30,058	5,915	68	182,617	138	48,109

* 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 2022), FRCC Form 9.1, p. S-17.

Table 9

Projected Net Energy for Load by Percentage of Fuel Type and Other Sources
2022-2031

Year	Net Energy for Load *	Interchange & Other **	Nuclear	Coal	Oil	Natural Gas	Hydro	Solar
2022	100%	6.63%	11.58%	7.75%	0.03%	69.12%	0.05%	4.83%
2023	100	5.71	11.17	4.94	0.02	71.66	0.05	6.44
2024	100	5.91	10.95	4.08	0.02	70.54	0.05	8.45
2025	100	5.16	11.29	2.94	0.02	70.14	0.05	10.40
2026	100	4.92	11.12	2.56	0.02	69.44	0.05	11.89
2027	100	4.70	10.96	2.01	0.02	69.45	0.05	12.80
2028	100	4.65	11.10	2.13	0.02	68.14	0.05	13.90
2029	100	4.49	10.83	1.91	0.02	67.70	0.05	15.01
2030	100	4.45	10.65	2.07	0.02	66.57	0.05	16.19
2031	100	4.49	10.76	2.12	0.02	65.35	0.05	17.22

* 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 2022), FRCC Form 9.1, p. S-17.

Generating Capacity and Capability

Table 10

Installed Nameplate Capacity/Firm Summer Net Capability
(Megawatts)
2012-2021

Year	Hydro-Electric	Conventional Steam	Nuclear Steam	Combustion Turbine	Internal Combustion	Combined Cycle	Solar Photovoltaic	Total *
2012	52	17,837	3,471	8,697	153	22,192	0	52,402
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	1733	56,241
2021	51	10,097	3,648	9,561	207	30,157	2,814	56,536

* May not total due to rounding.

Source: Florida Public Service Commission, 2020 Statistics of the Florida Electric Utility Industry; Florida Reliability Coordinating Council, Regional Load and Resource Plan, State Supplement (July 2022), 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) 2012-2021

Year	Total for State *	Investor-Owned		Municipal, Rural Electric Cooperative, and Other **	
		Quantity	Percent of Total	Quantity	Percent of Total
2012	52,402	38,890	74.22%	13,512	25.78%
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

* May not total due to rounding.

** USCE-Mobile District and Jim Woodruff Dam.

Source: Florida Public Service Commission, 2020 Statistics of the Florida Electric Utility Industry; Florida Reliability Coordinating Council, Regional Load and Resource Plan, State Supplement (July 2022), FRCC Form 1.0, pp. 7-20, S-8, and S-9.

Table 12

Installed Capacity by Fuel and Technology
(Megawatts)
2019-2021

Fuel	Technology	2019	2020	2021
Natural Gas				
	Combined Cycle	28,274	32,526	31,150
	Turbine & Diesel	5,588	8,182	5,897
	Steam	3,358	4,134	3,260
Total Natural Gas		37,220	44,842	40,307
Percentage of Total		62.31%	69.99%	69.02%
Coal				
	Steam	9,310	9,012	8,581
	Combined Cycle	220	220	220
Total Coal		9,530	9,232	8,801
Percentage of Total		15.95%	14.41%	15.07%
Oil				
	Turbine & Diesel	1,658	1,666	1,598
	Steam	0	0	0
Total Oil		1,658	1,666	1,598
Percentage of Total		2.78%	2.60%	2.74%
Nuclear				
	Steam	3,625	3,625	3,645
Total Nuclear		3,625	3,625	3,645
Percentage of Total		6.07%	5.66%	6.24%
Solar		1,743	2,658	4,633
Total Solar		1,743	2,658	4,633
Percentage of Total		2.92%	4.15%	7.93%
Other *		5,960	2,045	4,048
Total Other		5,960	2,045	4,048
Percentage of Total		9.98%	3.19%	6.93%
Total Installed Capacity		59,736	64,068	58,399
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, 2020 Statistics of the Florida Electric Utility Industry; Florida Public Service Commission, Review of the Ten-Year Site Plans, Nov. 2021.

Table 13

Installed Winter and Summer Net Capacity by Utility *
(Megawatts)
2020-2021

Utility	Winter Net Capacity		Summer Net Capacity	
	2020	2021	2020	2021
Investor-Owned				
Duke Energy Florida, LLC	10,897	10,759	9,891	9,948
Florida Power & Light Company	26,994	27,610	27,306	26,476
Gulf Power Company	2,388	3,339	2,440	3,458
Tampa Electric Company	4,814	5,119	4,741	5,091
Generating Municipal				
Florida Municipal Power Agency **	1,333	1,332	1,292	1,292
Gainesville Regional Utilities	661	666	631	634
Homestead	32	32	32	32
JEA	3,134	3,150	2,969	2,997
Keys Energy Services	37	37	37	37
Kissimmee Utility Authority	255	254	243	243
Lake Worth Utilities	80	80	77	77
Lakeland Electric	880	715	840	647
New Smyrna Beach	24	24	22	22
Orlando Utilities Commission ***	1,536	1,417	1,496	1,380
Reedy Creek Improvement District	52	52	52	52
Tallahassee	795	795	725	725
Generating Rural Electric Cooperative				
PowerSouth Energy **	1,559	1,533	1,369	1,347
Seminole Electric **	2,161	2,161	2,034	2,034
USCE-Mobile District **	44	44	44	44
Total Utility ^	**57,676**	**59,119**	**56,241**	**56,536**
Total Non-Utility	911	911	872	872
Total State of Florida ^	**58,587**	**60,030**	**57,113**	**57,408**

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

** 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, 2020 Statistics of the Florida Electric Utility Industry; Florida Reliability Coordinating Council, Regional Load and Resource Plan, State Supplement (July 2022), FRCC Form 1.0, pp. 7 and S-7.

Table 14

Summer Net Capacity by Generation by Utility *
(Megawatts)
December 31, 2021

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	1,983	0	5,221	321	9,948
Florida Power & Light Company	0	634	3,502	2,184	0	18,205	1,950	26,475
Gulf Power Company	0	1,678	0	984	3	660	133	3,458
Tampa Electric Company	0	1,293	0	1,540	0	1,850	408	5,091
Generating Municipal								
Florida Municipal Power Agency **	0	248	86	161	0	796	0	1,292
Gainesville Regional Utilities	0	407	0	110	7	110	0	634
Homestead	0	0	0	0	32	0	0	32
JEA	0	1,308	0	1,093	0	596	0	2,997
Keys Energy Services	0	0	0	19	18	0	0	37
Kissimmee Utility Authority	0	22	0	25	0	196	0	243
Lake Worth Utilities	0	31	0	46	0	0	2	79
Lakeland Electric	0	0	0	153	36	458	0	647
New Smyrna Beach	0	0	0	22	0	0	0	22
Orlando Utilities Commission ***	0	646	60	197	0	476	0	1,380
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 **	0	1,260	0	270	0	504	0	2,034
USCE-Mobile District **	44	0	0	0	0	0	0	44
Total Utility ^	**51**	**10,097**	**3,648**	**9,561**	**207**	**30,157**	**2,814**	**56,536**
Total Non-Utility								872
Total State of Florida ^	**51**	**10,097**	**3,648**	**9,561**	**207**	**30,157**	**2,814**	**57,408**

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

** 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 2022), FRCC Form 1.0, pp. 7-20, S-8, and S-9.

Table 15

Nuclear Generating Units
December 31, 2021

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	27881	1,032,000	981	1,003
St. Lucie #2	St. Lucie County	30468	843,000	840 *	860 *
Turkey Point #3	Miami-Dade County	26634	872,200	837	859
Turkey Point #4	Miami-Dade County	26908	876,200	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 2022), Schedule 1, p. 26; Florida Reliability Coordinating Council, Regional Load and Resource Plan, State Supplement (July 2022), FRCC Form 1.0, p. 13.

Annual Peak Demand
(Megawatts)
2017-2021

Utility	2017	2018	2019	2020	2021
Investor-Owned					
Duke Energy Florida, LLC	9,296	10,323	9,973	9,649	9,682
Florida Power & Light Company	23,373	23,217	24,241	24,499	24,042
Florida Public Utilities Company	144	163	140	148	141
Gulf Power Company	2,434	2,809	2,472	2,410	2,441
Tampa Electric Company	4,115	4,044	4,298	4,255	4,393
Generating Municipal					
Florida Municipal Power Agency *	1263	1,281	1,349	1,463	1,467
Gainesville Regional Utilities	418	410	429	425	422
Homestead	110	106	115	117	116
JEA	2,727	3,080	2,644	2,585	2,610
Keys Energy Services	149	146	145	141	146
Kissimmee Utility Authority	353	356	374	371	378
Lake Worth Utilities	95	95	97	97	96
Lakeland Electric	643	704	667	678	692
New Smyrna Beach	97	108	105	103	105
Orlando Utilities Commission **	1,378	1,341	1,431	1,382	1,407
Reedy Creek Improvement District	191	188	198	166	178
Tallahassee	598	621	616	576	573
Non-Generating Municipal					
Alachua	28	29	29	29	29
Bartow	63	68	60	60	61
Beaches Energy Services	171	211	173	170	141
Blountstown	9	7	7	7	8
Bushnell	6	7	8	12	12
Chattahoochee	7	7	7	7	7
Clewiston	22	22	22	22	21
Fort Meade	9	12	10	10	10
Fort Pierce Utilities Authority	112	112	113	116	115
Green Cove Springs	25	31	25	26	28
Havana	6	7	6	6	6

* Wholesale-only generating utility.

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

Continued

Annual Peak Demand
(Megawatts)
2017-2021

Utility	2017	2018	2019	2020	2021
Non-Generating Municipal (Continued)					
Leesburg	116	116	111	119	113
Moore Haven	4	4	4	4	4
Mount Dora	22	23	23	23	24
Newberry	8	10	9	10	10
Ocala Electric Utility	291	296	314	303	298
Quincy	13	13	12	26	14
Starke	15	17	15	15	15
Wauchula	14	14	14	14	14
Williston	8	10	10	10	9
Winter Park	83	77	81	77	94
Generating & Non-Generating Rural Electric Cooperative					
Central Florida Electric	123	147	124	140	132
Choctawhatchee Electric	205	264	213	219	232
Clay Electric	735	921	778	818	808
Escambia River Electric	51	64	48	50	58
Florida Keys Electric	154	150	153	156	156
Glades Electric	67	73	68	69	66
Gulf Coast Electric	90	111	83	86	85
Lee County Electric	877	885	924	966	944
Okefenoke Rural Electric *	27	33	28	50	48
Peace River Electric	164	177	187	205	208
PowerSouth Energy **	470	578	4,500	466	485
Seminole Electric **	4,010	4,024	3,477	3,517	3,494
Sumter Electric	756	889	837	865	863
Suwannee Valley Electric	120	123	114	113	105
Talquin Electric	268	299	238	235	241
Tri-County Electric	67	77	67	66	62
West Florida Electric	128	149	116	123	121
Withlacoochee River Electric	902	1,191	933	1,007	1,046

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

** Wholesale-only generating utility.

Source: Florida Public Service Commission, 2020 Statistics of the Florida Electric Utility Industry; Responses to staff data request.

Table 17

Projected Summer and Winter Peak Demand
(Megawatts)
2022-2031

Year	Summer Peak	Year	Winter Peak
2022	51,668	2022-2023	45,021
2023	52,456	2023-2024	47,874
2024	52,782	2024-2025	48,095
2025	53,311	2025-2026	48,523
2026	53,880	2026-2027	49,879
2027	54,440	2027-2028	50,375
2028	54,923	2028-2029	50,960
2029	55,640	2029-2030	51,508
2030	56,326	2030-2031	51,709
2031	56,968	2031-2032	52,574

Source: Florida Reliability Coordinating Council, Regional Load and Resource Plan, State Supplement (July 2022), FRCC Form History and Forecast, p. S-1.

Table 18

Load Factors of Generating Utilities
December 31, 2021

Utility	Net Energy for Load (Gigawatt-Hours)	Peak Load (Megawatts)	Load Factor (Percentage) *
Investor-Owned			
Duke Energy Florida, LLC	45,466	9,682	53.6%
Florida Power & Light Company	125,179	24,042	59.4
Gulf Power Company	11,588	2,441	54.2
Tampa Electric Company	21,033	4,393	54.7
Municipal			
Florida Municipal Power Agency **	6,937	1,467	54.0
Gainesville Regional Utilities	1,952	422	52.8
Homestead	604	116	59.5
JEA	12,526	2,610	54.8
Keys Energy Services	776	146	60.8
Kissimmee Utility Authority	1,726	378	52.1
Lake Worth Utilities	473	96	56.4
Lakeland Electric	3,304	692	54.5
New Smyrna Beach	467	105	50.7
Orlando Utilities Commission ***	8,303	1,407	67.4
Reedy Creek Improvement District	1,117	178	71.7
Tallahassee	2,702	573	53.8
Rural Electric Cooperative			
PowerSouth Energy **	2,144	485	50.5
Seminole Electric **	15,541	3,494	50.8

* May not total due to rounding.

** 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)
2018-2021

Renewable Type *	2018	2019	2020	2021
Biomass	592	469	431	380
Hydro	51	51	51	51
Landfill Gas	75	116	42	41
Municipal Solid Waste	484	374	514	504
Solar	804	1,743	2,658	4,633
Waste Heat	306	310	276	276
Wind	272	272	282	272
Total	2,584	3,335	4,254	6,157

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

Source: Florida Public Service Commission, 2020 Statistics of the Florida Electric Utility Industry; Florida Public Service Commission, Review of the Ten-Year Site Plans, Nov. 2021.

Table 20

Customer-Owned Photovoltaic Facilities *
2018-2021

	2018	2019	2020	2021
Number of Solar Energy Systems				
Duke Energy Florida, LLC	12,549	21,275	34,106	34,434
Florida Power & Light Company	11,366	16,957	23,785	46,634
Florida Public Utilities Company	131	156	220	342
Gulf Power Company	1,167	2,223	5,666	10,648
Tampa Electric Company	3,089	5,172	7,764	11,361
Municipal	5,065	7,251	9,939	14,214
Rural Electric Cooperative	4,464	6,442	9,038	13,280
Total	37,831	59,476	90,518	130,913
Gross Power Rating (MW)(AC)				
Duke Energy Florida, LLC	97	175	289	322
Florida Power & Light Company	99	150	216	407
Florida Public Utilities Company	0.8	0.3	5	6
Gulf Power Company	8	16	46	90
Tampa Electric Company	32	54	89	108
Municipal	43	63	114	130
Rural Electric Cooperative	30	46	69	107
**Total ** **	310.4	507.1	828.0	1,169.9
Energy Delivered to the Grid (MWh)				
Duke Energy Florida, LLC	50,957	92,037	159,660	175,200
Florida Power & Light Company	46,992	73,330	108,281	274,556
Florida Public Utilities Company	496	1,086	2,918	4,927
Gulf Power Company	12,719	6,821	22,274	56,085
Tampa Electric Company	23,552	23,983	26,042	62,920
Municipal	22,088	33,529	47,183	73,680
Rural Electric Cooperative	9,985	14,927	21,638	36,518
Total	166,789	245,712	387,996	683,887

* Includes demonstration sites.

** May not total due to rounding.

Source: Annual Net Metering Report, 2021; Florida Public Service Commission, 2020 Statistics of the Florida Electric Utility Industry.

Investor-Owned Photovoltaic Facilities *
December 31, 2021

Utility	Name of Plant	In-Service Date	Nameplate Capacity MW **	Total Energy MWh
Duke Energy Florida, LLC	Columbia Solar Facility	Mar-20	74.9	162,129
	Debary Solar Facility	May-20	74.9	134,995
	Duette Solar Facility	Oct-21	74.5	25,638
	Hamilton Solar Facility	Dec-18	74.9	147,707
	Lake Placid Solar Facility	Nov-19	45.0	57,195
	Osceola Solar Facility	May-16	3.8	5,822
	Perry Solar Facility	Aug-16	5.1	6,405
	Santa Fe Solar Facility	Mar-21	74.9	137,592
	Suwannee Solar Facility	Nov-17	8.8	16,938
	Trenton Solar Facility	Dec-19	74.9	161,690
	Twin Rivers Solar Facility	Mar-21	74.9	84,952
Florida Power & Light Company	Babcock Preserve Solar Energy Center	Mar-20	74.5	168,236
	Babcock Ranch Solar Energy Center	Dec-16	74.5	157,960
	Barefoot Bay Solar Energy Center	Mar-18	74.5	166,112
	Blue Cypress Solar Energy Center	Mar-18	74.5	159,161
	Blue Heron Solar Energy Center	Mar-20	74.5	167,389
	Cattle Ranch Solar Energy Center	May-20	74.5	160,613
	Citrus Solar Energy Center	Dec-16	74.5	159,604
	Coral Farms Solar Energy Center	Dec-17	74.5	137,995
	DeSoto Next Generation Solar Energy Center	Oct-09	25.0	43,742
	Discovery Solar Energy Center	May-21	74.5	96,656
	Echo River Solar Energy Center	May-20	74.5	157,041
	Egret Solar Energy Center	Dec-20	74.5	148,906
	Fort Drum Solar Energy Center	Jun-21	74.5	80,728
	Hammock Solar Energy Center	Mar-18	74.5	159,741
	Hibiscus Solar Energy Center	May-20	74.5	160,573
	Horizon Solar Energy Center	Dec-17	74.5	142,500
	Indian River Energy Center	Dec-17	74.5	160,330
	Interstate Solar Energy Center	Jan-19	74.5	155,104
	Lakeside Solar Energy Center	Dec-20	74.5	157,994
	Loggerhead Energy Center	Mar-18	74.5	157,382
	Magnolia Springs Solar Energy Center	Mar-21	74.5	118,178
	Manatee Solar Energy Center	Dec-16	74.5	161,150
	Miami-Dade Solar Energy Center	Jan-19	74.5	151,774
	Nassau Solar Energy Center	Dec-20	74.5	142,626
	Northern Preserve Solar Energy Center	Mar-20	74.5	130,104
	Okeechobee Solar Energy Center	May-20	74.5	172,335
	Orange Blossom Solar Energy Center	May-21	74.5	100,848
	Palm Bay Solar Energy Center	Mar-21	74.5	127,087
	Pelican Solar Energy Center	Feb-21	74.5	140,654
	Pioneer Trail Solar Energy Center	Jan-19	74.5	148,209
	Rodeo Solar Energy Center	Mar-21	74.5	126,044
	Sabal Palm Solar Energy Center	Apr-21	74.5	116,293
	Southfork Solar Energy Center	May-20	74.5	179,139
	Space Coast Next Generation Solar Energy Center	Apr-10	10.0	16,431
	Sunshine Gateway Solar Energy Center	Jan-19	74.5	143,806

* Includes purchase power agreements and demonstration sites.

** 2 megawatt threshold.

Continued

Investor-Owned Photovoltaic Facilities *

December 31, 2021

Utility	Name of Plant	In-Service Date	Nameplate Capacity MW **	Total Energy MWh
Florida Power & Light Company (Continued)	Sweetbay Solar Energy Center	Mar-20	74.5	144,671
	Trailside Solar Energy Center	Dec-20	74.5	150,409
	Twin Lakes Solar Energy Center	Mar-20	74.5	144,118
	Union Springs Solar Energy Center	Dec-20	74.5	146,304
	Wildflower Solar Enegry Center	Dec-17	74.5	159,204
	Willow Solar Energy Center	May-21	74.5	100,242
Gulf Power Company	Blue Indigo Solar Energy Center	Mar-20	74.5	160,290
	Blue Springs Solar Energy Center	Dec-21	74.5	9,290
	Cotton Creek Solar Energy Center	Dec-21	74.5	10,387
Tampa Electric Company	Balm Solar	Sept-18	74.4	149,124
	Big Bend Solar	Feb-17	19.4	37,751
	Bonnie Mine Solar	Jan-19	37.5	71,674
	Durrance Solar	Jan-21	60.0	103,537
	Grange Hall Solar	Jan-19	61.1	122,960
	Lake Hancock Solar	Apr-19	49.5	94,628
	Lithia Solar Center	Sept-18	70.3	152,613
	Little Manatee Solar	Feb-20	74.5	130,717
	Magnolia Solar	Dec-21	74.5	4,646
	Payne Creek Solar	Sept-18	70.3	132,614
	Peace Creek Solar	Mar-19	55.4	110,975
	Winauma Solar	Apr-20	74.8	135,768
Total Investor-Owned Photovoltaic Facilities			**4,472.30**	**8,085,430.00**

* Includes purchase power agreements and demonstration sites.

** 2 megawatt threshold.

Source: Florida Reliability Coordinating Council, Regional Load and Resource Plan, State Supplement (July 2022), Summary of Existing Capacity, p. 21; Responses to staff data request.

Table 22

Demand-Side Management Programs
Amount of Load Reduction at the Generator *
2018-2021

	2018	2019	2020	2021
Summer Peak Reduction (MW)				
Duke Energy Florida, LLC	86	118	64	34
Florida Power & Light Company	82	59	63	56
Florida Public Utilities Company	0.4	0.2	0.3	0.2
Gulf Power Company	3	3	3	1
JEA	5	5	3	3
Orlando Utilities Commission **	5	4	4	3
Tampa Electric Company	21	35	14	12
Total * **	201.6	224.5	151.1	109.1
Winter Peak Reduction (MW)				
Duke Energy Florida, LLC	88	116	54	27
Florida Power & Light Company	53	39	41	34
Florida Public Utilities Company	0.2	0.1	0.1	0.1
Gulf Power Company	2	2	1	1
JEA	4	4	2	2
Orlando Utilities Commission **	5	4	3	2
Tampa Electric Company	21	31	14	9
Total * **	173.0	194.9	115.5	75.6
Energy Reduction (GWh)				
Duke Energy Florida, LLC	82	81	75	47
Florida Power & Light Company	86	54	56	40
Florida Public Utilities Company	0.9	0.4	0.5	0.3
Gulf Power Company	5	5	4	4
JEA	38	40	10	7
Orlando Utilities Commission **	35	15	11	13
Tampa Electric Company	51	91	35	37
Total * **	298.0	287.7	191.3	147.1

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

** 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, 2021; Florida Public Service Commission, 2020 Statistics of the Florida Electric Utility Industry.

Fuel Analysis

Table 23

Fuel Requirements
2012-2021

Year	Coal (Thousands of Short Tons)	Oil * (Thousands of Barrels)	Natural Gas (Billions of Cubic Feet)	Nuclear (U-235) ** (Trillion BTUs)
2012	22,187	868	1,109	198
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

* Residual and distillate.

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

Source: Florida Public Service Commission, 2020 Statistics of the Florida Electric Utility Industry; Florida Reliability Coordinating Council, Regional Load and Resource Plan, State Supplement (July 2022), FRCC Form 9.0, p. S-16.

Table 24

Projected Fuel Requirements
2022-2031

Year	Coal (Thousands of Short Tons)	Oil * (Thousands of Barrels)	Natural Gas (Billions of Cubic Feet)	Nuclear (U-235) ** (Trillion BTUs)
2022	10,838	6,145	1,225	321
2023	6,527	84	1,262	310
2024	5,499	78	1,273	307
2025	4,235	63	1,302	317
2026	3,646	86	1,293	315
2027	2,980	82	1,302	313
2028	3,143	96	1,285	319
2029	2,855	77	1,278	315
2030	3,110	82	1,272	313
2031	3,091	101	1,259	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 2022), FRCC Form 9.0, p. S-16.

Sales

Table 25

Retail Sales
(Megawatt-Hours)
2017-2021

Utility	2017	2018	2019	2020	2021
Investor-Owned					
Duke Energy Florida, LLC	38,024,013	39,144,651	39,187,343	39,230,213	39,681,797
Florida Power & Light Company	108,870,963	110,053,141	111,929,427	113,530,952	112,176,554
Florida Public Utilities Company	627,135	634,763	652,604	646,364	625,785
Gulf Power Company	10,808,617	11,132,383	11,078,869	10,764,133	10,731,411
Tampa Electric Company	19,186,517	19,631,465	19,783,567	19,953,730	20,092,643
Municipal					
Alachua	127,049	131,006	130,170	128,042	131,526
Bartow	269,667	281,732	287,066	291,602	288,386
Beaches Energy Services	690,398	707,282	697,365	690,291	684,583
Blountstown	34,112	33,586	33,439	31,671	31,794
Bushnell	23,618	24,494	29,051	55,473	55,582
Chattahoochee	36,711	37,053	37,708	36,152	36,164
Clewiston	99,699	99,419	99,262	99,968	98,743
Fort Meade	39,380	40,825	41,967	42,840	42,396
Fort Pierce Utilities Authority	555,768	558,260	559,459	575,481	571,148
Gainesville Regional Utilities	1,773,622	1,829,165	1,830,595	1,790,570	1,789,929
Green Cove Springs	103,807	108,398	112,300	108,522	107,724
Havana	22,820	23,919	24,546	23,126	23,013
Homestead	546,703	548,197	596,814	588,234	567,843
JEA	12,067,476	12,325,781	12,322,254	12,319,250	12,065,476
Keys Energy Services	714,631	712,910	741,931	723,134	727,157
Kissimmee Utility Authority	1,532,011	1,583,340	1,620,665	1,635,830	1,673,418
Lake Worth Utilities	439,747	433,186	435,077	432,926	444,322
Lakeland Electric	3,017,655	3,118,406	3,116,587	3,179,606	3,198,287
Leesburg	474,093	492,124	494,267	495,081	495,862
Moore Haven	15,356	15,356	16,145	16,791	15,932
Mount Dora	87,050	89,695	90,735	89,461	90,844
New Smyrna Beach	406,222	420,938	425,102	443,327	440,991
Newberry	35,348	36,712	37,663	39,344	40,372
Ocala Electric Utility	1,249,383	1,296,827	1,307,747	1,268,973	1,306,528
Orlando Utilities Commission *	6,568,198	6,798,822	6,825,561	6,750,619	6,823,920
Quincy	115,981	119,778	183,531	135,352	129,287
Reedy Creek Improvement District	1,156,067	1,136,189	1,175,186	926,061	1,029,895
Starke	66,627	68,416	65,648	64,231	63,549
Tallahassee	2,617,331	2,674,812	2,716,250	2,581,037	2,597,787
Wauchula	58,990	61,589	61,406	60,530	59,520
Williston	32,548	33,237	32,983	32,983	32,666
Winter Park	425,029	412,650	425,022	419,744	420,839
Rural Electric Cooperative					
Central Florida Electric	482,551	500,976	502,468	526,666	523,208
Choctawhatchee Electric	830,572	895,036	906,973	938,844	959,164
Clay Electric	3,226,167	3,316,392	3,349,589	3,416,339	3,365,979
Escambia River Electric	173,238	184,930	190,598	190,448	196,255
Florida Keys Electric	694,334	682,999	723,276	735,663	750,423
Glades Electric	316,748	322,918	329,414	331,723	319,255
Gulf Coast Electric	328,655	334,455	345,954	344,000	346,229
Lee County Electric	3,809,847	3,965,037	4,104,302	4,279,635	4,308,257
Okefenoke Rural Electric **	158,872	167,127	169,436	173,437	170,334
Peace River Electric	736,663	788,506	850,477	934,732	958,411
Sumter Electric	3,232,485	3,415,867	3,467,634	3,635,263	3,625,026
Suwannee Valley Electric	519,391	551,501	534,811	530,064	542,870
Talquin Electric	937,675	2,045,962	1,014,511	1,020,857	1,029,220
Tri-County Electric	309,798	314,885	318,153	317,797	334,106
West Florida Electric	482,902	495,256	510,708	498,614	498,556
Withlacoochee River Electric	3,835,764	4,024,257	4,052,450	4,247,097	4,184,685
Respondent Total ^ ^^	**233,719,918**	**238,896,185**	**240,576,065**	**242,322,824**	**241,505,649**

***** 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, 2020 Statistics of the Florida Electric Utility Industry; Florida Reliability Coordinating Council, Regional Load and Resource Plan, State Supplement (July 2022), FRCC Form 4.0, p. S-2; Responses to staff data request.

Table 26

Retail Sales by Class of Service
(Megawatt-Hours)
2021

Utility	Residential	Commercial	Industrial	Other *	Total
Investor-Owned					
Duke Energy Florida, LLC	21,194,790	11,841,210	3,417,754	3,228,043	39,681,797
Florida Power & Light Company	61,725,263	46,849,366	3,111,936	489,988	112,176,554
Florida Public Utilities Company	304,210	292,865	20,910	7,800	625,785
Gulf Power Company	5,436,738	3,656,715	1,608,712	29,246	10,731,411
Tampa Electric Company	9,940,945	6,143,966	2,122,012	1,885,720	20,092,643
Municipal					
Alachua	46,118	85,408	0	0	131,526
Bartow	148,796	45,474	84,918	9,198	288,386
Beaches Energy Services	439,851	244,731	0	0	684,583
Blountstown	11,248	18,583	0	1,962	31,794
Bushnell	12,765	12,606	30,211	0	55,582
Chattahoochee	11,122	3,481	488	21,072	36,164
Clewiston	51,535	45,612	1,334	263	98,743
Fort Meade	28,971	12,861	564	0	42,396
Fort Pierce Utilities Authority	250,486	316,650	0	4,012	571,148
Gainesville Regional Utilities	838,564	776,738	174,627	0	1,789,929
Green Cove Springs	49,679	8,310	0	49,735	107,724
Havana	13,991	9,022	0	0	23,013
Homestead	341,401	38,035	159,235	29,172	567,843
JEA	5,550,534	3,847,861	2,611,912	55,170	12,065,476
Keys Energy Services	381,492	343,227	0	2,437	727,157
Kissimmee Utility Authority	978,422	523,621	151,243	20,132	1,673,418
Lake Worth Utilities	275,411	133,052	0	35,859	444,322
Lakeland Electric	1,597,344	831,792	678,868	90,283	3,198,287
Leesburg	264,882	182,556	30,679	17,745	495,862
Moore Haven	9,542	6,019	0	370	15,932
Mount Dora	53,428	31,122	0	6,294	90,844
New Smyrna Beach	301,007	54,945	85,039	0	440,991
Newberry	23,185	3,124	7,474	6,589	40,372
Ocala Electric Utility	547,723	166,689	553,955	38,160	1,306,528
Orlando Utilities Commission **	2,707,351	462,114	3,455,663	198,792	6,823,920
Quincy	47,431	63,277	17,357	1,223	129,287
Reedy Creek Improvement District	103	1,019,128	0	10,665	1,029,895
Starke	24,246	39,303	0	0	63,549
Tallahassee	1,139,089	1,426,519	0	32,179	2,597,787
Wauchula	28,388	29,504	0	1,627	59,520
Williston	13,744	13,316	247	5,359	32,666
Winter Park	184,730	236,108	0	0	420,839
Rural Electric Cooperative					
Central Florida Electric	373,386	90,287	40,893	18,642	523,208
Choctawhatchee Electric	719,763	223,758	15,644	0	959,164
Clay Electric	2,286,541	647,916	431,522	0	3,365,979
Escambia River Electric	156,116	39,520	0	618	196,255
Florida Keys Electric	442,271	102,219	162,619	43,315	750,423
Glades Electric	171,017	37,615	110,622	0	319,255
Gulf Coast Electric	277,174	30,949	26,217	11,889	346,229
Lee County Electric	3,077,225	1,217,683	0	13,349	4,308,257
Okefenoke Rural Electric ^	155,878	8,349	3,518	2,589	170,334
Peace River Electric	622,693	272,368	51,390	11,960	958,411
Sumter Electric	2,449,976	856,419	316,799	1,832	3,625,026
Suwannee Valley Electric	313,338	108,153	121,379	0	542,870
Talquin Electric	691,171	174,397	157,870	5,782	1,029,220
Tri-County Electric	180,750	55,629	88,568	9,158	334,106
West Florida Electric	321,677	37,049	109,505	30,326	498,556
Withlacoochee River Electric	2,989,873	1,014,710	159,258	20,844	4,184,685
Respondent Total ^^	**130,203,376**	**84,731,932**	**20,120,942**	**6,449,399**	**241,505,649**

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

****** 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)
2021

Utility	Sales for Resale	Total Retail Sales *	Total Sales	Resales as Percentage of Total
Investor-Owned				
Duke Energy Florida, LLC	3,702,432	39,681,797	43,384,229	8.53%
Florida Power & Light Company	10,590,877	112,176,554	122,767,431	8.63
Gulf Power Company	3,286,148	10,731,410	14,017,558	23.44
Tampa Electric Company	113,570	20,092,643	20,206,213	0.56
Municipal				
Gainesville Regional Utilities	135,486	1,789,929	1,925,415	7.04%
JEA	24,843	12,065,476	12,090,319	0.21
Orlando Utilities Commission **	1,364,476	6,823,920	8,188,395	16.66
Reedy Creek Improvement District	26,791	1,029,895	1,056,686	2.54
Tallahassee	202,771	2,597,787	2,800,558	7.24
Rural Electric Cooperative				
PowerSouth Energy ***	2,077,474	0	2,077,474	100%
Seminole Electric ***	15,404,190	0	15,404,190	100
Talquin Electric	2,646	1,029,220	1,031,866	0.26

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

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

*** Wholesale-only generating utility.

Source: Florida Public Service Commission, 2020 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)
2017-2021

Year	Residential	Commercial	Industrial	Other *	Total Retail Sales
2017	116,739	85,681	17,084	6,467	225,971
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

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

Source: Florida Public Service Commission, 2020 Statistics of the Florida Electric Utility Industry; Florida Reliability Coordinating Council, Regional Load and Resource Plan, State Supplement (July 2022), FRCC Form 4.0, p. S-2.

Table 29

Retail Sales by Percentage of Class of Service *
2012-2021

Year	Residential	Commercial	Industrial	Other **
2012	51.06%	36.43%	9.06%	3.45%
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

* May not total due to rounding.

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

Source: Florida Public Service Commission, 2020 Statistics of the Florida Electric Utility Industry; Table 26.

Revenues

Table 30

Revenues by Class of Service *
(Thousands)
2012-2021

Year	Residential	Commercial	Industrial	Other **	Total ***
2012	$11,852,134	$6,990,684	$1,597,629	$739,474	$21,179,921
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	24,681,941
2016	13,550,470	7,495,717	1,622,082	680,756	23,349,026
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	25,103,654
2020	15,000,909	7,315,272	1,420,913	722,025	25,103,654
2021	15,488,798	7,982,568	1,562,905	699,029	25,733,300

* 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, 2020 Statistics of the Florida Electric Utility Industry; Responses to staff data request.

Table 31

Revenues by Percentage of Class of Service *
2012-2021

Year	Residential	Commercial	Industrial	Other **
2012	56.0%	33.0%	7.5%	3.5%
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

* May not total due to rounding.

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

Source: Florida Public Service Commission, 2020 Statistics of the Florida Electric Utility Industry; Responses to staff data request; Table 30.

Number of Customers

Table 32

Number of Customers

2017-2021

Utility	2017	2018	2019	2020	2021	Compound Growth Rate
Investor-Owned						
Duke Energy Florida, LLC	1,885,567	1,901,131	1,843,639	1,863,801	1,879,651	-0.08%
Florida Power & Light Company	4,901,871	4,961,313	5,061,509	5,136,977	5,214,245	1.56
Florida Public Utilities Company	31,992	31,009	31,829	32,334	32,688	0.54
Gulf Power Company	461,806	462,983	468,283	473,630	477,672	0.85
Tampa Electric Company	744,691	756,254	771,960	786,048	802,050	1.87
Total Investor-Owned	8,025,927	8,112,690	8,177,220	8,292,790	8,406,306	1.16
Municipal						
Alachua	4,506	4,584	4,610	4,638	4,711	1.12%
Bartow	12,310	12,397	12,470	12,550	12,668	0.72
Beaches Energy Services	34,609	34,315	34,839	34,555	34,971	0.26
Blountstown	1,330	1,327	1,309	1,313	1,316	-0.26
Bushnell	1,057	1,055	1,186	1,602	1,605	11.01
Chattahoochee	1,172	1,156	1,117	1,100	1,122	-1.08
Clewiston	4,357	4,343	4,405	4,478	4,490	0.75
Fort Meade	2,628	2,635	2,657	2,693	2,728	0.94
Fort Pierce Utilities Authority	28,257	28,331	28,582	28,784	28,906	0.57
Gainesville Regional Utilities	97,245	97,681	98,324	99,714	101,117	0.98
Green Cove Springs	4,175	4,196	4,290	4,395	4,459	1.66
Havana	1,458	1,457	1,462	1,457	1,466	0.14
Homestead	24,402	30,718	25,511	23,981	27,293	2.84
JEA	464,118	472,061	481,750	491,465	500,780	1.92
Keys Energy Services	29,859	29,728	30,610	30,908	31,322	1.20
Kissimmee Utility Authority	72,225	74,752	77,574	80,570	83,542	3.71
Lake Worth Utilities	27,105	27,244	27,361	26,935	27,286	0.17
Lakeland Electric	129,113	130,657	132,211	135,532	138,488	1.77
Leesburg	24,400	24,420	25,740	26,128	28,351	3.82
Moore Haven	1,137	1,137	1,164	1,118	1,177	0.87
Mount Dora	5,851	5,853	5,886	5,951	6,059	0.88
New Smyrna Beach	27,737	28,030	28,795	29,659	29,979	1.96
Newberry	1,820	1,893	1,980	2,092	2,297	5.99
Ocala Electric Utility	50,569	53,485	54,183	54,666	55,032	2.14
Orlando Utilities Commission *	312,973	322,258	330,564	338,327	347,870	2.68
Quincy	4,743	4,786	4,710	4,749	4,783	0.21
Reedy Creek Improvement District	1,447	1,524	1,539	1,532	1,555	1.82
Starke	2,801	2,794	2,787	2,848	2,815	0.12
Tallahassee	120,050	121,677	123,753	125,477	125,912	1.20
Wauchula	2,802	2,806	2,822	2,846	2,866	0.57
Williston	1,718	1,744	1,737	1,737	1,755	0.53
Winter Park	15,061	15,565	15,565	14,728	15,543	0.79
Total Municipal	1,548,600	1,582,532	1,571,493	1,598,528	1,634,264	1.36
Rural Electric Cooperative						
Central Florida Electric	33,434	33,750	33,942	34,562	35,308	1.37%
Choctawhatchee Electric	50,181	51,790	53,439	55,664	58,073	3.72
Clay Electric	174,587	176,614	178,675	180,390	183,532	1.26
Escambia River Electric	11,012	11,197	11,380	11,647	11,944	2.05
Florida Keys Electric	32,224	32,678	32,918	32,562	33,630	1.07
Glades Electric	16,370	16,344	16,540	16,821	16,968	0.90
Gulf Coast Electric	20,780	20,648	20,552	21,048	21,475	0.83
Lee County Electric	214,668	217,363	221,564	226,437	233,150	2.09
Okefenoke Rural Electric **	10,528	10,586	10,746	10,890	11,124	1.39
Peace River Electric	41,729	43,578	48,884	51,665	55,206	7.25
Sumter Electric	198,656	205,644	210,815	216,477	222,054	2.82
Suwannee Valley Electric	25,932	26,395	26,876	27,388	28,043	1.98
Talquin Electric	53,832	54,218	54,378	55,191	55,812	0.91
Tri-County Electric	18,212	18,391	18,659	19,081	19,493	1.71
West Florida Electric	28,487	28,632	28,122	28,478	28,898	0.36
Withlacoochee River Electric	214,244	217,998	222,294	224,681	229,911	1.78
Total Rural Electric Cooperative	1,144,876	1,165,826	1,189,784	1,212,982	1,244,621	2.11

* 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, 2020 Statistics of the Florida Electric Utility Industry; Responses to staff data request.

Table 33

Number of Customers by Class of Service

December 31, 2021

Utility	Residential	Commercial	Industrial	Other *	Total
Investor-Owned					
Duke Energy Florida, LLC	1,668,350	182,374	1,979	26,948	1,879,651
Florida Power & Light Company	4,618,098	578,134	12,553	5,460	5,214,245
Florida Public Utilities Company	25,347	4,393	2	2,946	32,688
Gulf Power Company	418,852	57,910	236	674	477,672
Tampa Electric Company	713,135	78,115	1,382	9,418	802,050
Total Investor-Owned	7,443,782	900,926	16,152	45,446	8,406,306
Municipal					
Alachua	3,961	750	0	0	4,711
Bartow	10,847	1,379	321	121	12,668
Beaches Energy Services	30,293	4,678	0	0	34,971
Blountstown	975	297	0	44	1,316
Bushnell	1,169	381	55	0	1,605
Chattahoochee	921	114	1	86	1,122
Clewiston	3,550	638	1	301	4,490
Fort Meade	2,420	307	1	0	2,728
Fort Pierce Utilities Authority	23,726	5,178	0	2	28,906
Gainesville Regional Utilities	89,764	11,342	11	0	101,117
Green Cove Springs	3,658	558	0	243	4,459
Havana	1,205	261	0	0	1,466
Homestead	24,279	2,127	606	281	27,293
JEA	441,909	54,692	198	3,981	500,780
Keys Energy Services	26,651	4,592	0	79	31,322
Kissimmee Utility Authority	72,720	10,772	50	0	83,542
Lake Worth Utilities	24,011	3,104	0	171	27,286
Lakeland Electric	116,014	13,201	74	9,199	138,488
Leesburg	23,934	3,923	2	492	28,351
Moore Haven	992	153	0	32	1,177
Mount Dora	5,074	890	0	95	6,059
New Smyrna Beach	26,432	3,408	139	0	29,979
Newberry	1,968	190	47	92	2,297
Ocala Electric Utility	43,600	7,667	952	2,813	55,032
Orlando Utilities Commission **	228,707	27,129	5,211	86,823	347,870
Quincy	3,889	788	1	105	4,783
Reedy Creek Improvement District	9	1,456	0	90	1,555
Starke	2,092	723	0	0	2,815
Tallahassee	106,321	15,468	0	4,123	125,912
Wauchula	2,277	520	0	69	2,866
Williston	1,209	397	10	139	1,755
Winter Park	12,865	2,678	0	0	15,543
Total Municipal	1,337,442	179,761	7,680	109,381	1,634,264
Rural Electric Cooperative					
Central Florida Electric	31,445	3,367	10	486	35,308
Choctawhatchee Electric	50,785	7,286	2	0	58,073
Clay Electric	162,190	21,307	35	0	183,532
Escambia River Electric	10,817	1,105	0	22	11,944
Florida Keys Electric	27,836	4,754	391	649	33,630
Glades Electric	12,997	3,471	500	0	16,968
Gulf Coast Electric	19,987	947	14	527	21,475
Lee County Electric	212,578	20,572	0	0	233,150
Okefenoke Rural Electric ^	10,570	476	2	76	11,124
Peace River Electric	46,052	9,038	3	113	55,206
Sumter Electric	202,789	19,217	20	28	222,054
Suwannee Valley Electric	24,587	3,445	11	0	28,043
Talquin Electric	51,844	3,339	5	624	55,812
Tri-County Electric	17,591	1,624	14	264	19,493
West Florida Electric	25,496	2,771	1	630	28,898
Withlacoochee River Electric	206,703	22,704	24	480	229,911
Total Rural Electric Cooperative	1,114,267	125,423	1,032	3,899	1,244,621

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

** 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 34

Investor-Owned Utilities: Customer Count and Population

2021-2030

Utility	Year	Residential	Commercial	Industrial	Other	Total Customers	Population
Duke Energy Florida, LLC	2021	1,668,350	182,374	1,979	26,948	1,879,651	4,130,929
	2025	1,826,504	191,767	1,919	27,884	2,048,074	4,314,204
	2030	1,976,011	201,375	1,865	28,938	2,208,189	4,527,042
Florida Power & Light Company	2021	4,618,098	578,134	12,553	5,460	5,214,245	10,015,648
	2025 *	5,315,285	668,080	4,678	7,574	5,995,617	11,288,436
	2030 *	5,645,085	707,540	4,676	8,553	6,365,854	11,917,857
Gulf Power Company*	2021	418,852	57,910	236	674	477,672	872,093
Tampa Electric Company	2021	713,135	78,115	1,382	9,418	802,050	1,720,003
	2025	762,148	81,493	1,395	9,652	854,688	1,594,771
	2030	813,840	82,451	1,397	9,927	907,615	1,701,491

* 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 2022), Schedule Nos. 2.1, 2.2, and 2.3; Table 33.

Prices

Typical Electric Bill Comparison - Residential Charges *

December 31, 2021

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	$11.52	$23.28	$40.88	$70.25	$99.58	$128.93	$201.32
Florida Power & Light Company	8.34	17.55	31.37	54.40	77.43	100.44	156.81
Florida Public Utilities Company							
Northwest Division	16.95	27.71	43.86	70.78	97.69	124.59	192.24
Northeast Division	16.95	27.71	43.86	70.78	97.69	124.59	192.24
Gulf Power Company	19.20	30.93	48.51	77.81	107.11	136.39	195.00
Tampa Electric Company	15.05	25.07	40.08	65.10	90.12	115.12	175.17

* 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 - Residential Charges *

December 31, 2021

Municipal	Minimum Bill or Customer Charge	100 kWh	250 kWh	500 kWh	750 kWh	1,000 kWh	1,500 kWh
Alachua	$9.14	$19.51	$35.05	$60.97	$86.88	$112.79	$169.72
Bartow	8.70	21.27	40.13	71.55	102.98	134.40	197.25
Beaches Energy Services	4.50	15.04	30.85	57.21	83.56	109.91	162.62
Blountstown	3.50	15.04	32.34	61.18	90.01	118.85	176.53
Bushnell	10.00	21.17	37.91	65.83	93.74	121.65	177.48
Chattahoochee	7.15	18.83	36.36	65.57	94.78	123.99	182.41
Clewiston	6.81	14.27	25.46	49.36	70.64	91.91	134.46
Fort Meade	12.96	25.52	44.36	75.76	107.16	138.56	201.36
Fort Pierce Utilities Authority	6.01	18.63	37.57	69.12	100.68	134.84	203.16
Gainesville Regional Utilities	16.00	28.97	48.43	80.85	113.28	149.59	227.39
Green Cove Springs	12.00	23.60	41.00	70.00	100.00	128.00	192.00
Havana	6.00	18.55	37.37	68.74	100.11	131.47	194.21
Homestead	5.60	15.00	29.10	52.60	76.10	99.60	146.60
JEA	5.50	16.39	32.73	59.97	87.20	114.43	168.90
Keys Energy Services	22.00	34.50	53.25	84.50	115.74	146.99	209.49
Kissimmee Utility Authority	10.17	20.64	36.36	62.53	88.72	114.90	173.59
Lake Worth Utilities	10.53	20.28	34.90	59.26	83.63	107.99	170.38
Lakeland Electric	11.00	20.39	34.47	57.94	81.40	104.87	155.40
Leesburg	12.20	22.69	38.42	64.64	90.86	117.08	180.42
Moore Haven	8.50	19.66	36.40	64.30	92.20	120.10	175.90
Mount Dora	10.55	20.71	35.95	61.34	86.73	112.12	162.91
New Smyrna Beach	8.25	16.87	29.79	51.34	72.88	94.43	145.29
Newberry	9.50	20.60	37.25	65.00	92.75	120.50	176.00
Ocala Electric Utility	17.00	27.36	42.91	68.82	94.73	120.64	172.46
Orlando Utilities Commission	15.00	24.45	38.63	62.25	85.88	109.50	169.25
Quincy	6.00	18.34	36.85	67.71	98.56	129.41	191.12
Reedy Creek Improvement District	2.85	14.65	32.35	61.85	91.35	120.85	179.85
Starke	6.45	17.96	35.22	63.98	92.74	121.50	190.03
Tallahassee	8.25	19.21	35.65	63.06	90.45	117.85	172.66
Wauchula	15.00	26.10	42.75	70.50	98.25	126.00	181.50
Williston	8.00	18.06	33.16	58.32	83.48	108.64	158.96
Winter Park	16.98	27.80	44.04	71.11	98.17	125.23	195.44

* 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 - Residential Charges *
December 31, 2021

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	$37.55	$51.12	$73.75	$96.37	$119.00	$177.25
Choctawhatchee Electric	26.00	35.50	49.76	73.50	97.26	121.01	168.51
Clay Electric	23.00	32.29	46.23	69.45	92.68	115.90	171.75
Escambia River Electric	40.00	50.60	66.50	93.00	119.50	146.00	199.00
Florida Keys Electric	30.00	40.56	56.39	82.78	109.16	135.55	204.83
Glades Electric	45.00	54.40	68.50	92.00	115.50	139.00	204.75
Gulf Coast Electric	30.00	40.81	57.03	84.05	111.08	138.10	192.15
Lee County Electric	15.00	23.23	35.58	56.15	79.33	102.50	154.20
Okefenoke Rural Electric **	35.00	43.92	57.30	79.60	101.90	124.20	168.80
Peace River Electric	28.00	37.40	51.50	75.00	98.50	122.00	174.00
Sumter Electric	30.00	39.10	52.75	75.50	98.25	121.00	176.50
Suwannee Valley Electric	29.70	38.59	51.93	74.15	96.38	118.60	179.60
Talquin Electric	32.50	41.53	55.08	77.65	100.22	122.80	178.75
Tri-County Electric	28.00	37.50	51.75	75.50	99.25	123.00	182.50
West Florida Electric	24.95	36.03	52.65	80.36	108.05	135.75	200.93
Withlacoochee River Electric	34.16	42.75	55.63	77.11	98.58	120.05	164.13

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

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

Source: Florida Public Service Commission, Comparative Rate Statistics (December 2021), pp. A-1, A-2, and A-3.

Typical Electric Bill Comparison - Commercial and Industrial Charges *

December 31, 2021

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	$1,903	$4,800	$15,963	$38,635	$77,255
Florida Power & Light Company	1,652	4,057	13,999	32,641	64,546
Florida Public Utilities Company					
Northwest Division	1,724	4,669	15,636	39,293	78,429
Northeast Division	1,724	4,669	15,636	39,293	78,429
Gulf Power Company	1,725	4,547	16,396	38,199	76,135
Tampa Electric Company	1,903	4,693	15,574	37,226	74,422

* 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, 2021

Municipal	75 kW 15,000 kWh	150 kW 45,000 kWh	500 kW 150,000 kWh	1,000 kW 400,000 kWh	2,000 kW 800,000 kWh
Alachua	$1,803	$4,765	$15,778	$39,546	$79,046
Bartow	2,172	5,777	19,206	48,081	96,141
Beaches Energy Services	2,020	5,391	17,933	44,960	89,904
Blountstown	2,004	5,997	19,975	53,255	106,503
Bushnell	1,635	4,433	14,726	37,323	74,623
Chattahoochee	1,884	5,629	18,706	48,001	95,977
Clewiston	1,517	4,194	13,893	35,730	79,423
Fort Meade	2,036	5,847	19,392	48,502	96,962
Fort Pierce Utilities Authority	2,129	5,801	21,234	52,181	104,323
Gainesville Regional Utilities	2,717	7,128	23,515	57,535	114,695
Green Cove Springs	2,098	5,555	18,400	43,325	86,425
Havana	1,888	5,652	18,827	50,194	100,382
Homestead	1,700	4,551	15,086	38,046	76,056
JEA	1,804	4,612	15,175	37,939	75,543
Keys Energy Services	2,502	6,605	22,056	54,680	109,377
Kissimmee Utility Authority	1,968	5,128	16,963	42,178	84,300
Lake Worth Utilities	2,325	6,076	20,068	50,098	100,116
Lakeland Electric	1,604	4,101	14,055	33,439	66,404
Leesburg	1,973	4,855	16,540	38,853	80,653
Moore Haven	1,989	5,221	17,324	43,124	86,214
Mount Dora	1,368	3,623	12,021	30,086	60,148
New Smyrna Beach	1,724	4,504	14,214	35,161	70,277
Newberry	1,980	5,100	16,895	39,045	78,045
Ocala Electric Utility	1,676	4,456	15,078	37,218	74,386
Orlando Utilities Commission	1,702	4,210	13,952	31,578	63,006
Quincy	2,056	5,432	17,967	45,073	84,626
Reedy Creek Improvement District	1,839	4,935	16,403	41,300	82,580
Starke	2,042	6,109	20,342	54,229	108,449
Tallahassee	2,014	4,816	15,777	37,179	74,281
Wauchula	1,745	4,700	15,585	39,435	78,835
Williston	1,672	4,590	15,020	37,970	75,890
Winter Park	1,723	4,755	15,808	40,440	80,862

* 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, 2021

Rural Electric Cooperative	75 kW 15,000 kWh	150 kW 45,000 kWh	500 kW 150,000 kWh	1,000 kW 400,000 kWh	2,000 kW 800,000 kWh
Central Florida Electric	$1,843	$4,734	$15,549	$38,049	$75,999
Choctawhatchee Electric	1,512	3,995	12,578	31,833	63,623
Clay Electric	1,612	4,351	14,315	36,590	69,685
Escambia River Electric	1,993	5,240	17,350	43,350	86,650
Florida Keys Electric	2,006	5,866	19,384	51,550	103,026
Glades Electric	2,183	5,648	18,475	46,350	92,550
Gulf Coast Electric	1,834	4,428	14,665	36,623	73,203
Lee County Electric	1,533	4,019	13,333	33,178	66,328
Okefenoke Rural Electric **	1,742	4,141	13,475	32,120	64,100
Peace River Electric	1,750	4,379	14,480	35,060	69,920
Sumter Electric	1,590	4,163	13,690	34,390	68,700
Suwannee Valley Electric	1,697	4,529	15,100	37,050	73,850
Talquin Electric	1,634	4,503	15,203	34,467	68,609
Tri-County Electric	1,875	4,650	15,150	37,150	74,150
West Florida Electric	1,913	4,878	15,700	37,914	75,728
Withlacoochee River Electric	1,427	3,752	12,414	31,039	62,039

* 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 2021), pp. A-4, A-5, and A-6.

Economic and Financial Indicators

Table 37

Population (Thousands) 2012-2021

Year	Florida Population	National Population
2012	19,074	314,917
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
Compound Annual Growth Rate, 2012-2021	1.49%	0.59%
Compound Annual Growth Rate, 2017-2021	0.94%	0.47%

Source: U.S. Census Bureau, State & County Quick Facts (July 2021), 2020 Population estimate. Retrieved from http://quickfacts.census.gov/qfd/states/12000.html

Table 38

Projected Population (Thousands) 2025-2045

Year	Florida Population	National Population
2025	23,164	344,234
2035	25,521	364,862
2045	27,176	381,390
Compound Annual Growth Rate, 2025-2045	0.84%	0.54%

Sources: The Office of Economic & Demographic Research (May 2021, Data: 2019 Population by County: Projections of Florida Population by County (EDR - 2020-2040). Retrieved from http://edr.state.fl.us/Content/population-demographics/data/index.cfm

U.S. Census Bureau, Population Projections (March 2021), 2019 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/population/projections/data/national/2014/summarytables.html

Table 39

Consumer Price Index
All Urban Consumers
Annual Rate of Change
2012-2021

Year	All Urban Consumers
2012	2.1%
2013	1.5
2014	1.6
2015	1.0
2016	1.3
2017	2.1
2018	2.4
2019	1.6
2020	1.4
2021	1.6

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
2012-2021

Year	All Items	Energy Total *
2012	229.6	219.0
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	251.7	206.8
2020	260.5	205.1
2021	261.6	210.8

* 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
2012-2021

Year	Finished Goods	Capital Equipment
2012	194.2	162.8
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

Source: U.S. Department of Labor, Bureau of Labor and Statistics (January 2021), Producer Price Index. Retrieved from http://www.bls.gov/schedule/archives/ppi_nr.htm#current

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