

FLORIDA PUBLIC SERVICE COMMISSION



2021

FACTS & FIGURES OF THE FLORIDA UTILITY INDUSTRY This publication is a reference manual for anyone needing quick information about the electric, natural gas, telecommunications, and water and wastewater industries in Florida. The facts have been gathered from in-house materials, outside publications, and websites. Every effort has been made to accurately reference the source of the information used. Though most of the data refers specifically to Florida, some data from other states and national averages are included for comparison purposes. If you have questions about this publication, please contact:

Office of Consumer Assistance & Outreach Florida Public Service Commission 2540 Shumard Oak Boulevard Tallahassee, Florida 32399-0850 (850) 413-6482

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QUICK FACTS

Regulatory Authority	Pursuant to Chapter 366, Florida Statutes (F.S.), in 2020, the Florida Public Service Commission (FPSC) has regulatory authority over:
	• 5 investor-owned electric companies (all aspects of operations, including rates and safety)
	• 34 municipally owned electric utilities (limited to safety, rate structure, territorial boundaries, bulk power supply, operations, and planning)
	• 18 rural electric cooperatives (limited to safety, rate structure, territorial boundaries, bulk power supply, operations, and planning)
Generating Capacity (Utility and Non-Utility) As of December 31, 2020	 Summer: 57,759 Megawatts (MW) Winter: 60,146 MW*
Transmission Capability for Peninsular Florida	• Import: Summer 2021: 3,500 MW Winter 2022/23: 3,300 MW
	• Export: Summer 2021: 500 MW Winter 2022/23: 0 MW**

* Generating capacity is higher in winter due to thermodynamics/cooling water. ** Due to generation changes and transmission reconfigurations.

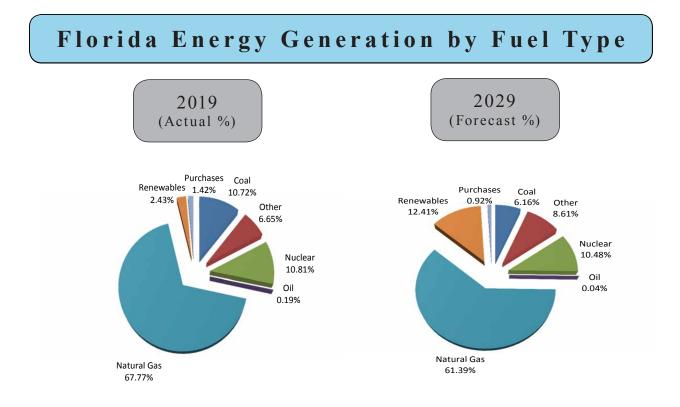
Sources:

Statistics of the Florida Electric Utility Industry, October 2020 http://www.floridapsc.com/Files/PDF/Publications/Reports/Electricgas/Statistics/2019.pdf

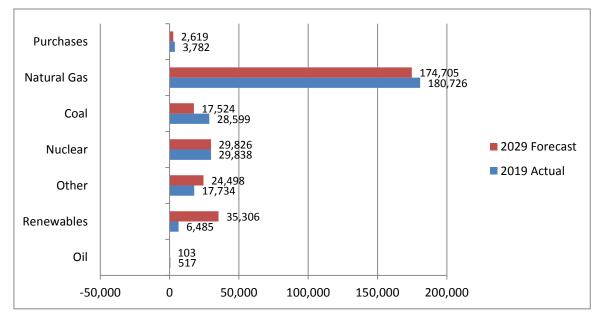
2020 Ten-Year Site Plan Workshop Florida Reliability Coordinating Council Studies and Reports

FLORIDA ELECTRIC INDUSTRY

QUICK FACTS



Energy Sources (GWH)



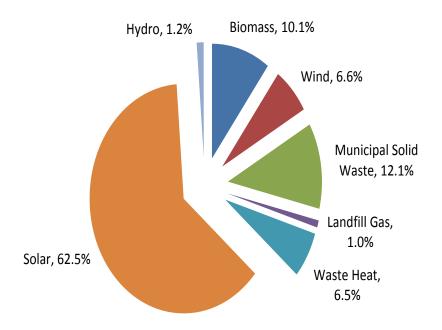
Source:

FRCC 2020 Regional Load & Resource Plan, July 2020

http://www.floridapsc.com/Files/PDF/Utilities/Electricgas/TenYearSitePlans/2020/FRCC_RLRP.pdf

QUICK FACTS

Florida's Renewable Capacity in MW(2020) (Total: 4,254 MW)



Total Florida Renewable Capacity: 4,254 MW Total Florida Electric Generation Capacity: 57,759 MW (Summer)

Biomass: Material collected from wood processing, forestry, urban wood waste, and agricultural waste. *Landfill Gas*: Methane collected from landfills. *Waste Heat*: Collected in processing phosphate into fertilizer and other products.

Source:

FPSC's Review of 2020 Ten-Year Site Plans for Florida's Electric Utilities, November 2020 http://www.floridapsc.com/Files/PDF/Utilities/Electricgas/TenYearSitePlans/2020/Review.pdf

CUSTOMERS

Average Number of Customers

Average Number of Customers for Investor-Owned Utilities By Class of Service 2020

Utility	Residential	Commercial	Industrial	Other	Total
Duke Energy Florida	1,636,473	178,440	2,021	26,705	1,843,639
Florida Power & Light Co.	4,479,356	565,622	11,799	4,732	5,061,509
Florida Public Utilities Company	24,573	4,286	2	2,968	31,829
Gulf Power Company	410,368	57,042	248	625	468,283
Tampa Electric Company	685,122	76,038	1,516	9,284	771,960
Total	7,235,892	881,428	15,586	44,314	8,177,220

Source:

Statistics of the Florida Electric Utility, October 2020, Table 33

http://www.floridapsc.com/Files/PDF/Publications/Reports/Electricgas/Statistics/2019.pdf

RATES

Typical Electric Bill Comparisons

Residential Service Provided by Investor-Owned Utilities December 31, 2020

Utility	Minimum Bill or Customer Charge	1,000 Kilowatt Hours*
Florida Power & Light Com	pany \$8.34	\$94.02
Duke Energy Florida	\$10.63	\$127.00
Tampa Electric Company	\$15.05	\$95.25
Gulf Power Company	\$19.20	\$136.92
Florida Public Utilities Com	pany	
Northwest	\$17.16	\$117.09
Northeast	\$17.16	\$117.09

Commercial/Industrial Service Provided by Investor-Owned Utilities December 31, 2020

Utility	400,000 Kilowatt Hours 1,000 KW Demand*
Florida Power & Light Company	\$30,077
Duke Energy Florida	\$37,938
Tampa Electric Company	\$29,740
Gulf Power Company	\$36,172
Florida Public Utilities Company	
Northwest	\$36,241
Northeast	\$36,241

* Excludes local taxes, franchise fees, and gross receipts taxes that are billed as a separate line item. Includes cost recovery clause factors effective December 2020.

Note: Typical electric bill comparisons for municipally and cooperatively owned electric utilities are available in the *Comparative Rate Statistics* report available at: http://www.floridapsc.com/Publications/Reports#

RATES

Average Residential Price of Electricity by State (2020) (U.S. Residential Average Price per kWh = 13.64 cents)

WA 9.75 NH 19.09 ME MT ND VT 19.52 16.79 11.56 0.60 MN OR MA 22.08 ID 13.46 11.13 RI 21.95 WI NY SD 0.00 CT 22.65 4.80 18.35 MI 11.86 WY NJ 16.06 16.37 11.24 3 DE |2.7| PA IA NE 13.60 MD 13.05 13.12 NV OH 11.07 DC 12.60 IL IN UT 10.84 12.12 CA 00 12.89 12.54 ŴŴ 10.64 VA 20.52 12.46 KS MO 11.86 12.20 12.78 11.10 KY 10.88 NC 11.59 TN 10.80 OK AZ NM AR SC 10.09 12.55 13.16 12.42 12.63 GA AL MS 11.96 12.78 11.27 TX LA 11.95 9.49 FL 11.55 Cents per kWh / 👝 HI 30.42 AK 9.30-11.00 22.95 11.01-12.00 12.01-13.00 13.01-18.00 18.01-31.00

Source:

Energy Information Administration's Electric Power Monthly, Table 5.6.B. https://www.eia.gov/electricity/monthly/archive/february2020.pdf

NUCLEAR POWER

Nuclear Waste Policy

Florida Power & Light Company (FPL) currently stores radioactive waste called "spent nuclear fuel" in waterfilled pools inside containment structures at plant sites. As the pools become filled to capacity, some of the spent fuel is removed and placed in concrete storage containers (dry casks) on-site. Duke Energy Florida, LLC (DEF) has moved all of its spent nuclear fuel into dry cask storage.

Federal law requires the U.S. Department of Energy (DOE) to store and ultimately dispose of spent nuclear fuel and high-level radioactive waste in a geologic repository. Since 1983, Florida ratepayers have paid \$903.6 million (\$1.6895 billion with interest) into the federal nuclear waste fund established to cover the cost of transportation, storage, and disposal of spent fuel. DOE suspended collection of the nuclear waste fee in May 2014.

	Fiorida	Nuclear Power Rea December 31, 2020		
Reactor	Utility	Metric Tons in Spent Fuel Pool	Metric Tons in Dry Cask Storage	NRC License Expires
St. Lucie 1	FPL	559	310	2036
St Lucie 2	FPL	438	287	2043
Turkey Point 3	FPL	546	204	2052
Turkey Point 4	FPL	557	204	2053

* Duke Energy Florida filed notification of cessation of operations with the Nuclear Regulatory Commission on February 20, 2013.

** Duke Energy Florida completed transfer of all spent fuel to dry cask storage in January 2018.

Pr	oposed Nuclear Pov	ver Reactor	
Reactor	Utility	Estimated In-Service Date	
Turkey Point 6	FPL	2031	
Turkey Point 7	FPL	2032	

Source:

Responses to information requests provided by Florida Power & Light Company and Duke Energy Florida

NUCLEAR POWER

Operating Nuclear Reactors

Alabama

Browns Ferry Units 1, 2, and 3

Joseph M. Farley Units 1 and 2

Arizona Palo Verde Units 1, 2, and 3

Arkansas Arkansas Nuclear One Units 1 and 2

California Diablo Canyon Units 1 and 2

Connecticut Millstone Units 2 and 3

Florida St. Lucie Units 1 and 2

Turkey Point Units 3 and 4

Georgia

Edwin I. Hatch Units 1 and 2

Vogtle Units 1 and 2

Illinois

Braidwood Units 1 and 2

Byron Units 1 and 2

Clinton

Dresden Units 2 and 3

La Salle County Units 1 and 2 Illinois (Continued) Quad Cities Units 1 and 2

Kansas Wolf Creek Unit 1

Louisiana River Bend Unit 1

> Waterford Unit 3

Maryland Calvert Cliffs Units 1 and 2

Michigan D. C. Cook Units 1 and 2

> Fermi Unit 2

Palisades

Minnesota Monticello

> Prairie Island Units 1 and 2

Mississippi Grand Gulf Unit 1

Missouri Callaway

Nebraska Cooper

New Hampshire Seabrook Unit 1

New Jersey Hope Creek Unit 1 New Jersey (Continued) Salem Units 1 and 2

New York James A. Fitzpatrick

Ginna

Indian Point Unit 3

Nine Mile Point Units 1 and 2

North Carolina Brunswick Units 1 and 2

McGuire Units 1 and 2

Shearon Harris Unit 1

Ohio Davis-Besse

> Perry Unit 1

Pennsylvania Beaver Valley Units 1 and 2

> Limerick Units 1 and 2

Peach Bottom Units 2 and 3

Susquehanna Units 1 and 2

South Carolina Catawba Units 1 and 2

Oconee Units 1, 2, and 3 South Carolina (Continued) H. B. Robinson Unit 2

Summer

Tennessee Sequoyah Units 1 and 2

Watts Bar Units 1 and 2

Texas Comanche Peak Units 1 and 2

> South Texas Project Units 1 and 2

Virginia North Anna Units 1 and 2

Surry Units 1 and 2

Washington Columbia Generating Station

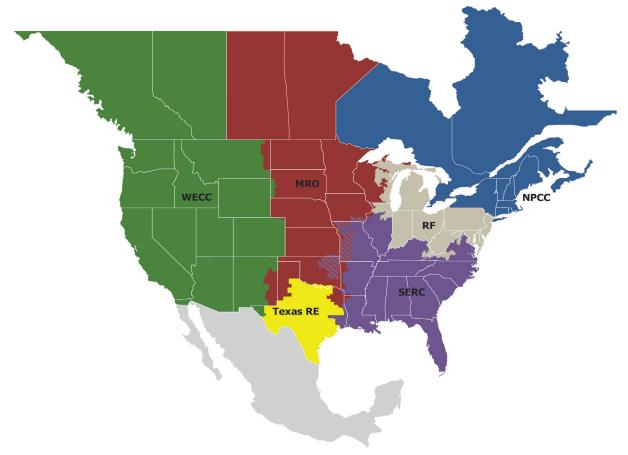
Wisconsin Point Beach Units 1 and 2

Source:

Nuclear Regulatory Commission: http://www.nrc.gov/info-finder/region-state/#listAlpha

Reliability Councils

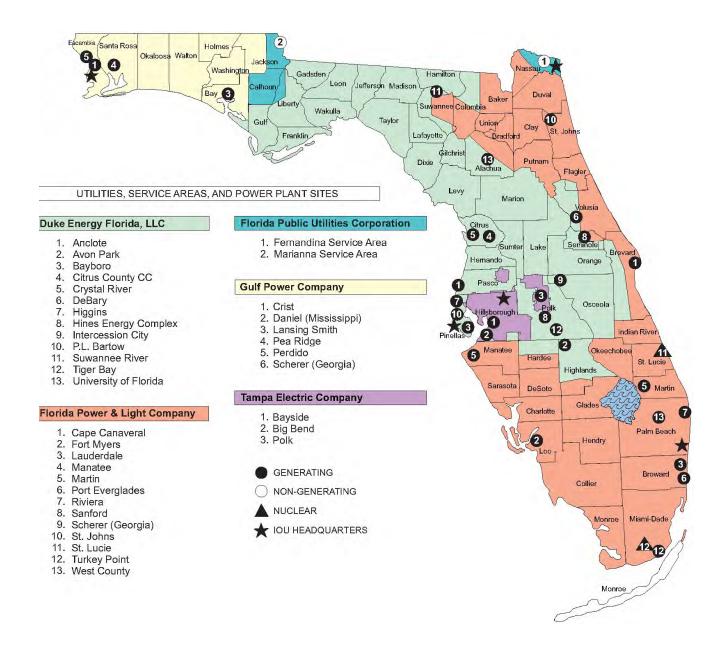
NERC REGIONS



MRO	Midwest Reliability Organization
NPCC	Northeast Power Coordinating Council
RF	ReliabilityFirst
SERC	SERC Reliability Corporation
Texas RE	Texas Reliability Entity
WECC	Western Electricity Coordinating Council

Source: North American Electric Reliability Council https://www.nerc.com/AboutNERC/keyplayers/Pages/default.aspx

Investor-Owned Electric Utilities Approximate Company Service Areas



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 Map

Additional information about Florida's investor-owned electric utilities is available from: FPSC's Statistics of the Florida Electric Utility Industry, October 2020 http://www.floridapsc.com/Files/PDF/Publications/Reports/Electricgas/Statistics/2019.pdf

Florida Utility Solar Electric Facilities Approximate Company Service Areas

	Ð	Santa Rosa Okaloosa 3b	E	Holmes n Washington Bay Calhour Liberty Wakulla Gulf Franklin	Lafayette	
	UT	ILITIES AND		Novela Mathematica Control Con		Levy
		Only systems ove	ər 2 MV	/ shown.	\ <u>`</u>	Marion (2)
h	nvester-Owned Electric		M	unicipal Electric		Volueia
" 1 abcdef 2 abcdefghijklmnopqr	Duke Energy Florida, LLC Hamilton Lake Placid Osceola Perry Suwannee Solar Facility Trenton Florida Power & Light Company Babcock Ranch Barefoot Bay Blue Cypress Citrus Solar Coral Farms Desoto Next Generation Hammock Horizon Indian River Inderstate Solar Loggerhead Manatee Solar Martin Next Generation Maimi Dade Pioneer Trail Space Coast Sunshine Gateway Wildflower	74.9 MW 45 MW 3.8 MW 5.1 MW 8.8 MW 74.9 MW 74.5 MW	5 6 7 a b c d e f 8 a b c d 9 a b c c 10	Bartow Bartow Solar Energy, LLC (PPA) Gainesville Regional Utilities Solar FIT (PPA) JEA Blair Site Solar (PPA) Jacksonville Solar (PPA) NW Jax Solar Partners (PPA) Old Plank Road Solar Farm (PPA) Starratt Solar (PPA) SunPort Solar (PPA) Lakeland Electric Airport II (PPA) Airport II (PPA) Bella Vista Bluebird (PPA) Orlando Utilities Commission Solar Farm (PPA) Stanton Solar Landfill (PPA) Stanton Solar (PPA) Mittin (PPA) Bella Vista Bluebird (PPA) Orlando Utilities Commission Solar Farm (PPA) Stanton Solar Landfill (PPA) Stanton Solar (PPA) Reedy Creek Improvement District Wait Disney Solar Facility (PPA)	7.2 MW 18.5 MW 12 MW 12 MW 7 MW 3 MW 5 MW 2.25 MW 2.75 MW 3.15 MW 6 MW 5.9 MW 5.9 MW 5.9 MW	Lee Hendry Charlotte
3 abc 4 abcdefgh	Gulf Power Eglin Solar Project (PPA) Holley Solar Project (PPA) Saufley Solar Project (PPA) Tampa Electric Company Balm Big Bend Bonnie Mine Grange Hall Lake Hancock Lithia Payne Creek Peace Creek	30 MW 40 MW 50 MW 74.4 MW 19.4 MW 37.5 MW 61.1 MW 49.5 MW 74.4 MW 70.3 MW 55.4 MW	11 a b 12 R1 13	Tallahassee Solar Farm 1 (PPA) Solar Farm 4 (PPA) Winter Park Clean Footprint (PPA) ural Electric Cooperatives Okefenoke Rural Electric Membership SR South Loving (PPA) Seminole Electric MGS Solar Facility (PPA)	20 MW 42 MW 2.25 MW 6 MW 2.2 MW	Monroe

Service areas are approximations.

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

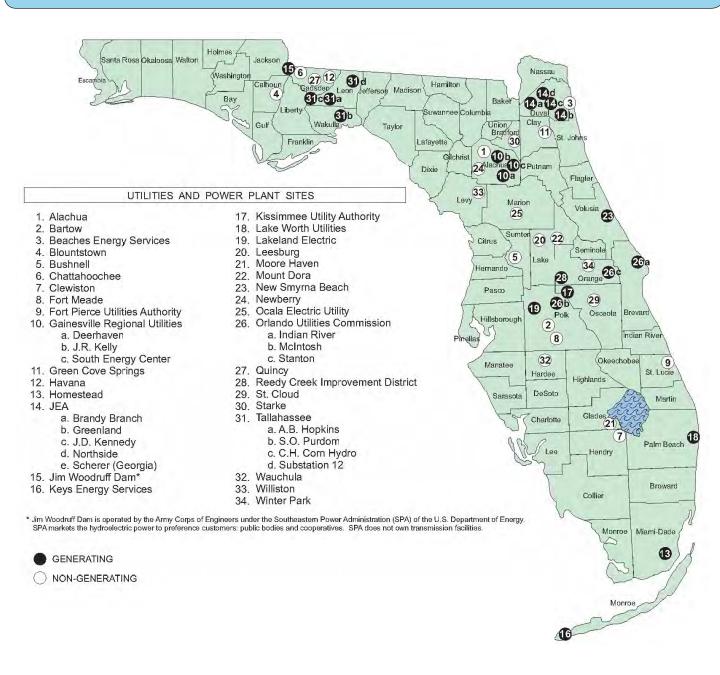
Source: Florida Public Service Commission Map

Additional information about Florida's solar electric utilities is available from: FPSC's Statistics of the Florida Electric Utility Industry, October 2020 http://www.floridapsc.com/Files/PDF/Publications/Reports/Electricgas/Statistics/2019.pdf

FLORIDA ELECTRIC INDUSTRY

MAPS

Municipal Electric Utilities Approximate Utility Locations



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 Map

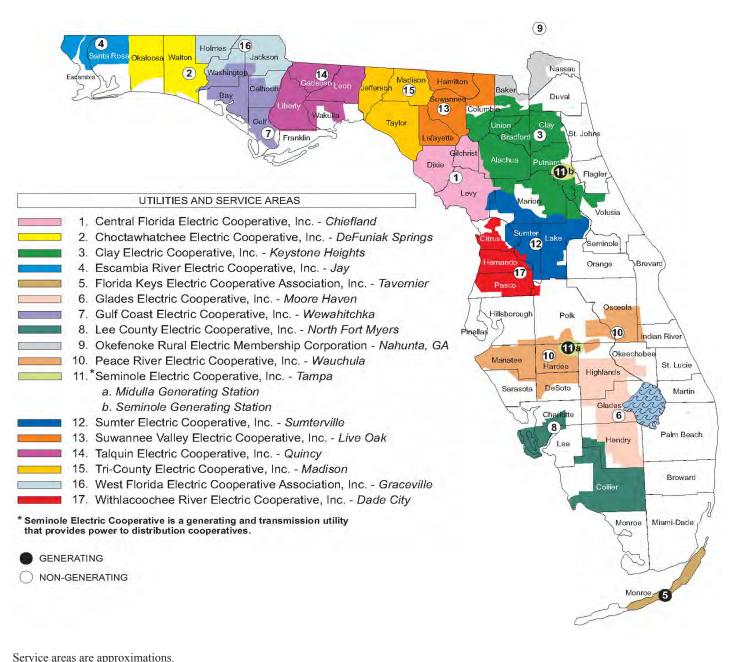
Additional information about Florida's investor-owned electric utilities is available from FPSC's *Statistics of the Florida Electric Utility Industry*, October 2020

http://www.floridapsc.com/Files/PDF/Publications/Reports/Electricgas/Statistics/2019.pdf

FLORIDA ELECTRIC INDUSTRY

M A P S

Rural Electric Cooperatives Approximate Company Service Areas



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

Source: Florida Public Service Commission Map

Additional information about Florida's investor-owned electric utilities is available from: FPSC's *Statistics of the Florida Electric Utility Industry*, October 2020 http://www.floridapsc.com/Files/PDF/Publications/Reports/Electricgas/Statistics/2019.pdf

QUICK FACTS

Regulatory Authority Pusuant to Chapter 366, F.S., in 2020, the FPSC has regulatory authority over:

- **8 investor-owned natural gas utilities** (all aspects of operations, including safety)
- **27 municipally-owned natural gas utilities** (limited to safety and territorial boundaries)
- 4 special gas districts (limited to safety and territorial boundaries)

Transmission

• Natural gas is transported to Florida customers through three major and two minor interstate pipelines:

Major — 1. Florida C

→

- 1. Florida Gas Transmission Company (FGT)
- 2. Gulfstream Natural Gas System
- 3. Sabal Trail Interstate Pipeline

Minor —

- Gulf South Pipeline Company
 Southern Natural Gas
- FGT's pipeline capacity is 3.2 billion cubic feet per day.
- Gulfstream's pipeline capacity is 1.3 billion cubic feet per day.
- Sabal Trail's pipeline capacity is 1.1 billion cubic feet per day.

Sources: Florida Gas Transmission Company http://fgttransfer.energytransfer.com/ipost/FGT

Gulfstream Natural Gas System http://wp.gulfstreamgas.com/

Number of Customers

Number of Customers for Investor-Owned Utilites By Customer Type December 31, 2020					
Utility	Residential	Commercial & Industrial	FTS*	Other**	Total
Florida City Gas	103,194	5,050	2,888	0	111,132
Florida Division of Chesapeake Utilities***	0	0	18,825	0	18,825
Florida Public Utilities Company	56,424	3,864	2,396	54	62,748
Florida Public Utilities Company - Ft. Meade Division	560	28	0	0	588
Florida Public Utilities Company - Indiantown Division***	0	0	695	0	695
Peoples Gas System	360,775	11,967	25,674	65	398,481
Sebring Gas System***	0	0	681	0	681
St. Joe Natural Gas Company	2,346	173	1	1	2,521

* Firm Transportation Service

** Other includes Off System Sales, Interruptible Sales, Natural Gas Vehicle Sales, and Other Sales to Public Authorities *** Exited the merchant function. All sales are firm transportation customers. RATES

Typical Natural Gas Bill Comparisons

Residential, Commercial, and Industrial Service Provided by Investor-Owned Utilities December 31, 2020						
	Reside	ntial	Comm	ercial	Industrial	
Utility	Minimum Bill or Customer Charge	Therms Sold (20)	Minimum Bill or Customer Charge	Therms Sold (90)	Minimum Bill or Customer Charge	Therms Sold (700)
Chesapeake Utilities Corporation*	\$19 - \$40	\$36.09	\$19 - \$108	\$99.00	\$108 - \$210	\$496.00
Florida City Gas	\$12-\$20	\$40.19	\$25.00	\$294.00	\$25-\$2,000	\$3,203.00
Florida Public Utilities Company	\$11.00	\$46.89	\$20.00	\$163.00	\$20 - \$90	\$1,127.00
Florida Public Utilities Company - Ft. Meade Division	\$8.50	\$44.35	\$17.50	\$163.00	\$17.50 - \$175.00	\$1,045.00
Florida Public Utilities Company - Indiantown Division *	\$9 - \$25	\$20.15	\$9 - \$25	\$59.00	\$25.00	\$399.00
Peoples Gas System	\$15 - \$20	\$46.66	\$25 - \$35	\$166.00	\$35 - \$50	\$1,012.00
Sebring Gas System *	\$9 - \$35	\$31.76	\$12 - \$35	\$123.00	\$35 - \$150	\$485.00
St. Joe Natural Gas Company	\$13 - \$20	\$49.84	\$20 - \$70	\$145.00	\$70.00	\$784.00

December 2020 gas costs are included for those companies participating in purchased gas adjustment clause: (Florida City Gas, Florida Public Utilities Company, Florida Public Utilites Company - Fort Meade Division, Peoples Gas System, and St. Joe Natural Gas.)

* No longer purchase gas for their customers. These companies deliver gas that the end use customers purchase; therefore, no gas costs are included.

ANNUAL THERM SALES

Annual Therm Sales

Annual Therm Sales for Investor-Owned Utilities December 31, 2020					
Utility	Residential	Commercial & Industrial	FTS*	Other**	Total
Florida City Gas	15,761,436	22,662,080	96,912,327	0	135,376,454
Florida Division of Chesapeake Utilities	0	0	334,728,410	0	334,728,410
Florida Public Utilities	13,739,686	16,827,106	39,696,256	10,116,880	80,379,928
Florida Public Utilities - Ft. Meade Division	69,507	131,576	0	0	201,083
Florida Public Utilities - Indiantown Division	0	0	202,052	0	202,052
Peoples Gas System	75,999,766	31,703,941	484,948,551	1,369,591,917	1,962,244,175
Sebring Gas System***	0	0	1,276,032	0	1,276,032
St. Joe Natural Gas Company	335,739	276,061	127,644	13,535	752,979

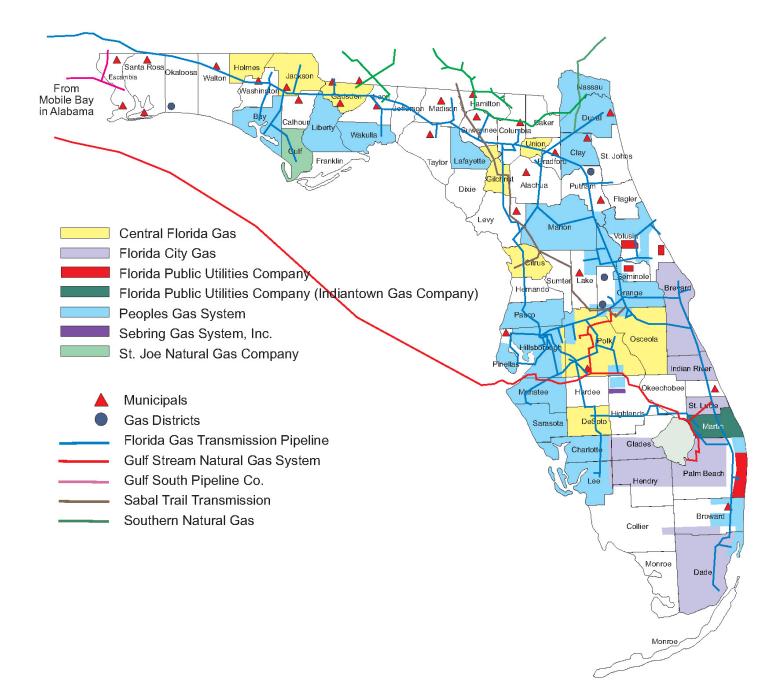
* Firm Transportation Service

** Other includes Off System Sales, Interruptible Sales, Natural Gas Vehicle Sales, and Other Sales to Public Authorities

*** Exited the merchant function. All sales are firm transportation customers.

M A P

Natural Gas Companies in Florida



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 Map

http://www.floridapsc.com/Files/PDF/Publications/Reports/Electricgas/naturalgasutilities.pdf

QUICK FACTS

Regulatory Authority

Pursuant to Chapter 364, F.S., in 2020, the FPSC has regulatory authority over:

- 10 incumbent local exchange companies (ILECs)
- 259 competitive local exchange companies (CLECs)
- 32 pay telephone companies

Definitions

- **Incumbent Local Exchange Telecommunications Company (ILEC):** any company certificated by the Commission to provide local exchange telecommunications service in this state on or before June 30, 1995.
- Competitive Local Exchange Telecommunications Company (CLEC): any company certificated by the Commission to provide local exchange telecommunications service in this state on or after July 1, 1995.
- **Pay Telephone Service Company (PATS):** any certified telecommunications entity which provides pay telephone service.

Sources: Forida Public Service Commission Records

FPSC's *Telecommunications Terms and Definitions* http://www.psc.state.fl.us/publications/telecomterminology QUICK FACTS

Broadband, VoIP, and Wireless

Broadband is a term describing evolving digital technologies offering consumers integrated access to voice, highspeed data services, video on demand services, and interactive information delivery services. Voice over Internet Protocol (VoIP) and wireless services compete with traditional wireline service and represent a significant portion of today's communications market in Florida. VoIP is not the same as the Internet. It is a technology that allows you to make voice calls using a broadband internet connection instead of a regular telephone line. Broadband service also provides the basis for some VoIP services. These three services are not subject to FPSC jurisdiction.

Broadband

- In Florida, 71 percent of households had fixed broadband connections at download speeds of at least 25 megabits per second (Mbps) in June 2017.
- Mobile broadband accounted for almost 20 million connections while cable modem accounted for roughly five million of non-mobile broadband connections in Florida.

VoIP

- As of December 2019, there were an estimated 2.5 million interconnected residential VoIP subscribers in Florida. This data indicates a decrease of nearly 250,000 residential VoIP subscriptions in 2019.
- Alternatively, the business VoIP market in Florida continues to expand with an estimated 1.9 million subscribers in 2018.

Wireless

- There were an estimated 21.8 million wireless voice subscriptions in Florida in 2018. This is an increase of approximately 3.1 percent from 2017.
- The Centers for Disease Control (CDC) reported that nationally the percent of wireless only households rose from 54.9 percent in June 2018 to 59.2 percent one year later.

Source:

Access Lines

An access line is a telephone line extending from the telecommunications company's central office to a point of demarcation, usually on the customer's premises.

Florida Access Lines As of December 2020					
	Residential*	Business*	Total*	Change since 2017	
AT&T Florida	253	334	587	-17%	
CenturyLink FL	223	168	391	-16%	
Frontier FL	60	124	184	-16%	
Rural ILECs	75	32	107	9%	
CLECs	3	342	345	-16%	
Total	614	1,000	1,614	-16%	
* In thousands, rounded	* In thousands, rounded to the nearest thousand.				

Source:

FPSC's *Report on the Status of Competition in the Telecommunications Industry*, As of December 31, 2019. http://www.psc.state.fl.us/Files/PDF/Publications/Reports/Telecommunication/TelecommunicationIndustry/2020.pdf

Universal Service Programs

The Federal Communications Commission (FCC) and Congress recognize that telephone and broadband services provide a vital link to emergency services, government services, and surrounding communities. To help promote these services nationwide, the FCC, as directed by Congress, developed the federal Universal Service Fund (USF). The USF is administered by the Universal Service Administrative Company (USAC). The USF pays for the High-Cost, Schools and Libraries, Rural Health Care, and Low-Income programs.

In order for a telecommunications carrier to be eligible to receive federal universal service support from either the High-Cost or Low-Income programs, it must be designated as an Eligible Telecommunications Carrier (ETC). To qualify as an ETC, a common carrier must offer services that are supported by federal universal service support mechanisms either using its own facilities or using a combination of its own facilities and another carrier's resold service. Additionally, the carrier must demonstrate good management, legitimate business practices, and advertise the availability of such services and charges using media of general distribution.

As of June 2020, Florida had 16 ETCs, including 10 incumbent local exchange companies, 24 competitive local exchange companies, and 4 wireless companies. FCC rules allow state commissions, upon their own motion or upon request, to designate a common carrier that meets certain requirements as a landline ETC. Although the Florida commission at one time designated wireless ETCs, all petitions for wireless ETC status in Florida are now addressed by the FCC. As of August 2020, there were 35 Florida wireless ETC petitions pending at the FCC.

- **1 High-Cost Program.** The High-Cost program is designed to ensure that consumers in rural, insular, and high-cost areas have access to modern communications networks capable of providing voice and broadband service, both fixed and mobile, at rates that are reasonably comparable to those in urban areas. The program fulfills this universal service goal by allowing eligible carriers who serve these areas to recover some of their costs from the federal USF. With a \$4.5 billion annual budget, it is the largest of the four USF programs.
- 2 Schools and Libraries (or E-rate) Program. The E-rate program helps to ensure that the nation's classrooms and libraries receive access to the vast array of educational resources that are accessible through the telecommunications network. While funding for the program is capped, the FCC has included an index for inflation to preserve the purchasing power of the program. The FCC established an annual cap of \$4.23 billion for funding year 2020. The new cap represents a 1.8% inflation-adjusted increase from the previous year. The E-Rate program offers eligible schools and libraries discounts on telephone service, Internet access, and internal connections (i.e., network wiring) within school and library buildings. The discounts range from 20 percent to 90 percent, depending on the school's eligibility for the National School Lunch program (or a federally approved alternative mechanism) and whether or not the school or library is located in an urban or rural area.
- **3** Rural Health Care Program. The Rural Health Care Program supports health care facilities in bringing world class medical care to rural areas through increased connectivity. It provides up to \$571 million annually in reduced rates for broadband and telecom services. Beginning with FY 2018, the funding cap is annually adjusted to reflect inflation and a process was established to carry-forward unused funds from past funding years. There are two subprograms in the Rural Health Care Program: the Healthcare Connect Fund Program and the Telecommunications Program.

CUSTOMERS

Rural Health Care Program (continued)

- ▲ The Healthcare Connect Fund supports high-capacity broadband connectivity and broadband networks for eligible Health Care Providers with a 65 percent discount. The Healthcare Connect Fund will reform, expand, and modernize the FCC's existing universal service health care programs.
- ▲ The Rural Health Care Telecommunications Program ensures that eligible Health Care Provider's pay no more than their urban counterparts for telecommunication services. The Telecommunications Program subsidies the urban-rural difference for telecommunications services for rural Health Care Providers.
- **4** Low-Income Program. The federal Low-Income program provides discounts for voice and broadband service to qualifying low-income consumers. It offers benefits through the Lifeline program:
 - ▲ Monthly Lifeline Credit: Under the FCC's rules, federal Lifeline support consists of a \$9.25 monthly credit on broadband or bundled (broadband and voice) services. Support was reduced to \$5.25 for voice-only services beginning December 1, 2020, and will completely phase out by December 1, 2021. An exception is made for service providers that are the only Lifeline provider in a census block and unable to meet the federal broadband requirement. In those census blocks, the support will remain \$5.25 after the December 1, 2021 phase down.
 - ▲ Lifeline Service Standards: Lifeline provides one discount per household on services that meet the following minimum service standards:
 - > Mobile voice: at least 1,000 minutes
 - > Mobile broadband: speed of 3G or better and usage of at least 4.5GB per month
 - > Fixed broadband: speed of 25/3 Mbps and usage of at least 1,024GB per month

While fixed voice service is currently supported through the Lifeline program, the FCC declined to establish minimum service standards.

- ▲ Wireless Lifeline Service: Most wireless providers offering Lifeline do not charge consumers for the minimum amount of minutes and data required by the FCC. Those costs are covered by the credit from the Lifeline program. Free cellphones may be offered to Lifeline consumers; however, the costs of these phones are not part of the Lifeline program and are absorbed by the carrier.
- ▲ Tribal Benefits: Eligible subscribers living on tribal lands can receive a monthly discount of up to \$34.25 (\$9.25 plus an additional \$25). In addition, consumers may receive a one-time discount of up to \$100.00 in Link-Up support. Link-Up helps income-eligible consumers on tribal lands with initial installation or activation of a wireline or wireless telephone for the primary residence.
- ▲ Qualification: Customers with annual incomes up to 135 percent of the federal poverty guidelines may be eligible to participate in the Lifeline program. In addition, eligibility is determined by customer enrollment in any one of the following programs:

Low-Income Program (continued)

- > Supplemental Nutritional Assistance Program (SNAP)
- > Medicaid
- > Supplemental Security Income (SSI)
- > Federal Public Housing Assistance (Section 8)
- > Veteran's Benefit and Survivor's Pension Programs
- > Bureau of Indian Affairs Programs*
- ▲ National Lifeline Eligibility Verifier (National Verifier): In 2016, the FCC directed USAC to develop a National Verifier, which would remove carriers from the process of verifying customer eligibility. The key objectives of the National Verifier were to reduce waste, fraud, and abuse; to lower costs through administrative efficiencies; and to better service eligible beneficiaries by facilitating choice and improving the enrollment experience. As of March 24, 2020, Lifeline eligibility verification is conducted for Florida customers solely through the National Verifier.
- ▲ Lifeline Annual Recertification: USAC oversees the annual recertification process through the National Verifier. Every subscriber goes through an initial data check that confirms the subscriber's eligibility. Subscribers whose eligibility cannot be verified via the initial automated check are required to self-certify their eligibility during a 60-day window by either completing a paper recertification form, by Interactive Voice Response or online. Failure to self-certify during this time results in automatic de-enrollment.
- ▲ National Lifeline Accountability Database (NLAD): The FCC directed USAC to establish a database to both eliminate existing duplicative support and prevent duplicative support in the future. To prevent waste in the USF, the FCC created and mandated the use by ETCs of NLAD to ensure that multiple ETCs do not seek and receive reimbursement for the same Lifeline subscriber.

* Eligible consumers living on tribal lands qualify for Link-Up and Lifeline if they participate in one of the following federal assistance programs: (1) Tribal TANF, (2) Bureau of Indian Affairs General Assistance, (3) Head Start Subsidy, or (4) Food Distribution Program on Indian Reservations

** Section 364.10(2)(g), Florida Statutes.

Source:

Federal Communications Commission http://www.fcc.gov/cgb/consumerfacts/universalservice.html

Universal Service Support Mechanisms by Program for Florida

2019 (Annual Payments and Contributions in Thousands)					
Program	Payments from USAC	Estimated Contributions to USAC	Estimated Net Dollar Flow		
High-Cost	\$48,288	\$297,993	(\$249,705)		
Low-Income	\$59,326	\$56,858	\$2,468		
Schools & Libraries	\$76,227	\$113,992	(\$37,765)		
Rural Health Care	\$4,853	\$14,563	(\$9,710)		
Administrative Expense		\$11,237	(\$11,237)		
Total	\$188,694	\$494,484	(\$305,949)		

2018 (Annual Payments and Contributions in Thousands)					
Program	Payments from USAC	Estimated Contributions to USAC	Estimated Net Dollar Flow		
High-Cost	\$55,575	\$285,611	(\$230,036)		
Low-Income	\$79,977	\$68,636	\$11,342		
Schools & Libraries	\$86,341	\$129,047	(\$42,707)		
Rural Health Care	\$4,225	\$17,637	(\$13,412)		
Administrative Expense		\$12,088	(\$12,088)		
Total	\$226,118	\$513,019	(\$286,901)		

2017 (Annual Payments and Contributions in Thousands)					
Program	Payments from USAC	Estimated Contributions to USAC	Estimated Net Dollar Flow		
High-Cost	\$55,031	\$290,061	(\$235,030)		
Low-Income	\$78,777	\$77,849	\$928		
Schools & Libraries	\$132,689	\$160,305	(\$27,616)		
Rural Health Care	\$3,633	\$15,821	(\$12,188)		
Administrative Expense		\$5,519	(\$5,519)		
Total	\$270,130	\$549,555	(\$279,425)		

Source:

FCC's Universal Service Monitoring Reports

https://www.fcc.gov/general/federal-state-joint-board0monitoring-reports

Universal Service Support Mechanisms by State (2019)

State	Payments from USAC (in Thousands)	Estimated Contributions to USAC (in Thousands)	Estimated Net Dollar Flow
Alabama	\$134,389	\$104,222	\$30,167
Alaska	\$309,292	\$19,727	\$289,565
American Samoa	\$5,933	\$672	\$5,261
Arizona	\$177,576	\$173,781	\$3,795
Arkansas	\$159,072	\$68,907	\$90,165
California	\$589,911	\$1,024,245	(\$434,334)
Colorado	\$105,995	\$163,222	(\$57,226)
Connecticut	\$22,928	\$113,695	(\$90,767)
Delaware	\$7,402	\$31,507	(\$24,104)
District of Columbia	\$8,533	\$53,583	(\$45,050)
Florida	\$188,694	\$494,484	(\$305,791)
Georgia	\$219,398	\$242,690	(\$23,292)
Guam	\$14,403	\$4,250	\$10,153
Hawaii	\$12,099	\$38,263	(\$26,164)
Idaho	\$72,198	\$41,859	\$30,339
Illinois	\$231,086	\$350,392	(\$119,305)
Indiana	\$188,424	\$150,552	\$25,686
lowa Kanasa	\$258,124	\$82,807	\$175,317
Kansas	\$211,048	\$69,838	\$141,210
Kentucky	\$202,615	\$98,514	\$104,101
Louisiana	\$140,613	\$101,993	\$38,620
Maine	\$51,075	\$35,843	\$15,232
Maryland	\$47,770	\$198,814	(\$151,043)
Massachusetts	\$44,181	\$214,162	(\$169,981)
Michigan	\$202,886	\$230,828	(\$27,942)
Minnesota	\$285,083	\$165,930	\$119,153
Mississippi	\$202,165	\$54,631	\$147,534
Missouri	\$236,808	\$156,938	\$79,871
Montana	\$154,007	\$28,242	\$125,765
Nebraska	\$138,164	\$51,929	\$86,235
Nevada	\$37,478	\$73,770	(\$36,292)
New Hampshire	\$17,612	\$41,479	(\$23,867)
New Jersey	\$64,331	\$294,396	(\$230,065)
New Mexico	\$163,703	\$49,450	\$114,253
New York	\$229,821	\$576,150	(\$346,329)
North Carolina	\$166,173	\$239,385	(\$73,212)
North Dakota	\$189,850	\$17,466	\$172,384
N. Mariana Islands	\$3,720	\$5,812	(\$2,092)
Ohio	\$199,554	\$289,938	(\$90,384)
Oklahoma	\$257,340	\$82,581	\$174,759
Oregon	\$121,902	\$105,538	\$16,364
Pennsylvania	\$158,612	\$371,749	(\$213,137)
Puerto Rico	\$185,066	\$76,480	\$108,586
Rhode Island	\$8,599	\$26,231	(\$17,632)
South Carolina	\$181,500	\$114,514	\$66,986
South Dakota	\$143,547	\$22,840	\$120,707
Tennessee	\$183,578	\$155,093	\$28,485
Texas	\$591,822	\$642,264	(\$50,442)
Utah	\$67,554	\$72,684	(\$5,130)
Vermont	\$28,608	\$21,664	\$6,944
Virgin Islands	\$17,645	\$4,117	\$13,528
Virginia	\$136,349	\$2,54,090	(\$117,740)
Washington	\$136,349	\$2,54,050	
			(\$50,848)
West Virginia Wisconsin	\$84,371	\$55,753 \$156,954	\$28,618
	\$287,612		\$130,658
Wyoming	\$54,323	\$16,661	\$37,662
Total	\$8,348,976	\$8,543,046	(\$194,070)

* Estimated contributions include an administrative cost of approximately \$194 million.

Source:

Federal Communications Commission's 2020 USF Monitoring Report, Table 1.9 https://www.fcc.gov/general/federal-state-joint-board-monitoring-reports

Telephone Subscribership

	Per	centage of	Household	s with Tele	ephone in U	J nit
		2015	2016	2017	2018	2019
Florida		94.8%	95.3%	94.4%	92.7%	93.0%

Lifeline Subscribership

Lifel	line Assistance Su	ıbscribers in Fl	orida
Date	Lifeline Enrollment	Eligible Households	Participation Rate
6/2015	833,426	2,040,236	40.85%
6/2016	852,255	1,747,684	48.76%
6/2017	685,864	1,690,899	40.56%
6/2018	694,647	1,655,134	41.97%
6/2019	604,693	1,540,682	39.25%
6/2020	371,180	2,151,503	17.25%

Sources:

FPSC's *Report on the Status of Competition in the Telecommunications Industry* https://www.floridapsc.com/files/PDF/publications/reports/telecommunication/telecommunicationsindustry/2020.pdf

United States Department of Agriculture Supplemental Nutrition Assistance Program: Number of Households Participating June 2020

FPSC's Number of Customers Subscribing to Lifeline Service and the Effectiveness of Procedures to Promote Participation, December 2020 http://www.floridapsc.com/Files/PDF/Publications/Reports/Telecommunication/LifelineReport/2020.pdf

Lifeline Subscribership

Lifeline Subscribership by Eligible Telecommunications Carriers As of June 2020		
Company	Access Lines Subscribed to Lifeline Service	
Access Wireless**	8,740	
Assurance**	222,128	
AT&T	70	
CenturyLink	3,056	
Consolidated Communications	275	
Cox Telecom*	0	
Frontier Florida	1,405	
Frontier of the South	21	
Global Connection*	0	
ITS Fiber	58	
NEFCOM	179	
Phone Club*	158	
Safelink**	130,362	
Smart City	4	
T-Mobile**	3,307	
TeleCircuit*	0	
TDS Telecom	98	
Windstream	1,274	
WOW*	45	
Total	371,180	

* Competivie Local Exchange Carrier

** Wireless Carrier

Source:

FPSC's Number of Customers Subscribing to Lifeline Service and the Effectiveness of Procedures to Promote Participation, December 2020 http://www.floridapsc.com/Files/PDF/Publications/Reports/Telecommunication/LifelineReport/2020.pdf

QUICK FACTS

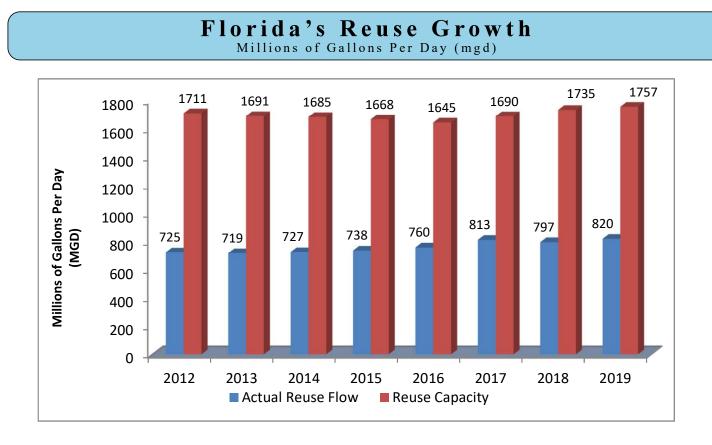
Regulatory Authority

Pursuant to Chapter 367, F.S., in 2020, the FPSC has jurisdiction over 147 investor-owned water and/or wastewater utilities in 38 of Florida's 67 counties.

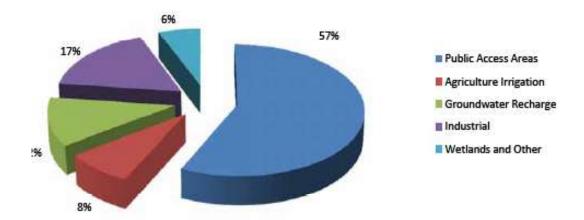
Use of Reclaimed Water Data for 2019

- Approximately 820 mgd* of reclaimed water from these facilities was reused for beneficial purposes and represents approximately 48% of the total domestic water flow in the state.
- The 1,757 mgd of reuse capacity represents approximately 67% of the total domestic wastewater treatment capacity in the state.
- * Million gallons per day

Source: Florida Department of Environmental Protection's 2018 Reuse Inventory Report, August 2020 https://www.floridadep.gov/sites/default/files/2019_reuse_inventory_report.pdf QUICK FACTS



Reclaimed Water Utilization (2019)





CUSTOMERS AND RATES

Utility Classifications

The National Association of Regulatory Utility Commissioners uses three classes to define the size of water and wastewater utilities:

Class A	Utilities having annual water or wastewater revenues of \$1,000,000 or more
Class B	Utilities having annual water or wastewater revenues of \$200,000 or more but less than \$1,000,000
Class C	Utilities having annual water or wastewater revenues of less than \$200,000

• A Class C utility may serve as few as 50 customers, while a Class A utility serves thousands.

• The number of customers served may be obtained from each utility's annual report filed at the FPSC and available online at http://www.floridapsc.com/UtilityRegulation/CompaniesRegulatedByPSC.

Rate Structure

• The base facility charge and gallonage charge rate structure is the most common rate structure used by FPSC-regulated water and wastewater utilities.

• The base facility charge is a flat charge that recovers the fixed costs of utility service that remain the same each month regardless of consumption.

• The gallonage charge recovers the variable costs associated with the utility service such as electricity, chemicals, and labor.

• The gallonage charge is assessed for each 1,000 gallons of water that is registered on the customer's meter.

• Inclining block rate structures are used to encourage water conservation. (The inclining block is similar to the base facility charge and gallonage charge rate structure, but includes additional gallonage charges for higher levels or blocks of usage.)

Residential Wastewater Gallonage Cap

• A maximum (or cap) is set on the number of gallons of water consumption a customer is billed for wastewater service.

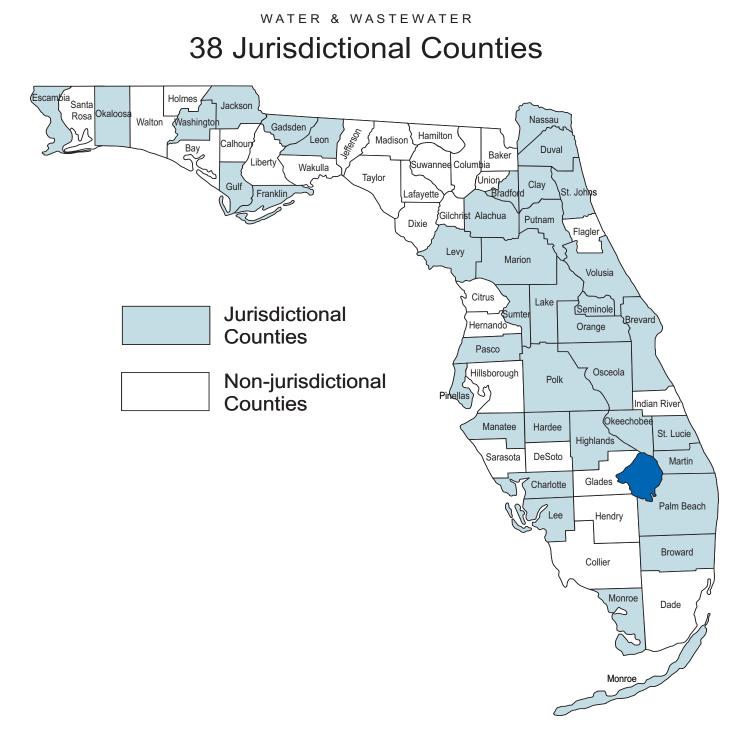
• The monthly cap is normally between 6,000 and 10,000 gallons. (Any water consumption over that amount is generally considered to be used for purposes such as irrigation or washing cars.)

Water & Wastewater Utility Rates

• The rates charged by all water and wastewater utilities under the Commission's jurisdiction are shown in alphabetical order by county in the FPSC's *Comparative Rate Statistics Report*, available online at http://www.floridapsc.com/Publications/Reports#.

Source: FPSC Staff

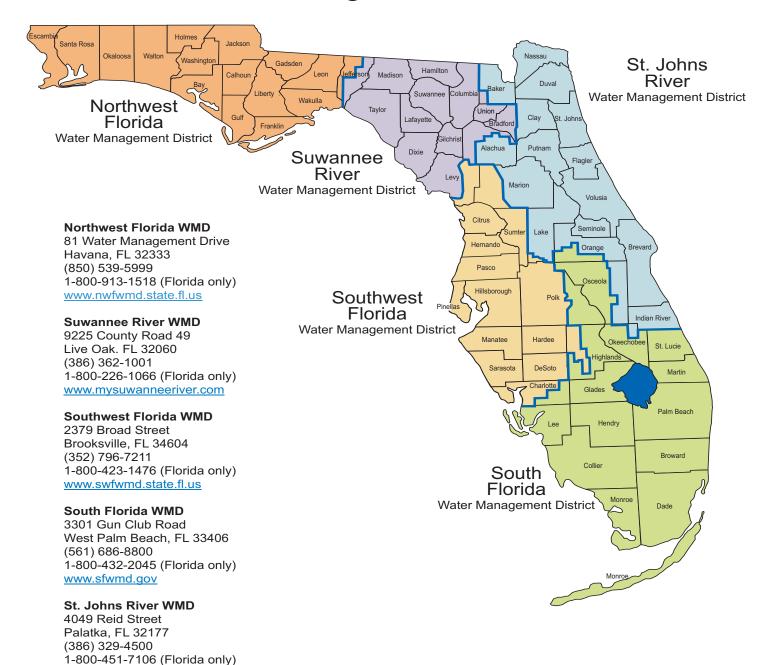
Water & Wastewater Jurisdictional Counties (38)



Source: Florida Public Service Commission Map http://www.floridapsc.com/Files/PDF/Publications/Reports/Waterandwastewater/wawmap.pdf

Florida's Water Management Districts (5)

Water Management Districts



Source: Florida Public Service Commission Map https://floridadep.gov/water-policy/water-policy/content/water-management-districts

www.sjrwmd.com