US Department of Energy Energy Information Administration Form EIA-861	ANNUAL ELECTRIC POWER INDUSTRY REPORT	Form Approved OMB No. 1905-0129 Approved Expires 05/31/2023

SCHEDULE 1. IDENTIFICATION

SURVEY CONTACTS: Persons to contact with question about this form

RESPONSE DUE DATE: Please submit by April 30th following the close of calendar year

REPORT FOR: Fort Pierce Utilities Authority 6616

REPORTING PERIOD: 2021

Contact Kiy Tran
Title: Assistant Controller

Phone: (772) 466-1600 Ext. 3270 FAX: Email: tran@fpua.com

Logged By / Date:

Logged In: ☐ Receipt Date (mm/dd/yyyy):

Supervisor Michele Harris
Title: Finance Manager

Phone: (772) 466-1600 Ext. 3279 FAX: (772) 467-2504 Email: mharris@fpua.com

1	Legal Name of Industry Participant	Fort Pierce Utilities Authority	**Submission Status/Date:**	Submitted	04/28/2022
2	Current Address of Principal Business Office	206 S. 6th Street Fort Pierce FL 34950 0000			
3	Preparer's Legal Name Operator (if different than line 1)				
4	Current Address of Preparer's Office (if different than line 2)				
5	Respondent Type (Check One)	☐ Federal ☐ Political Subdivision ☐ Municipal Marketing Authority ☐ Cooperative ☐ Independent Power Producer or Qualifying Facility	☐ State ☒ Municipal ☐ Investor-Owned ☐ Retail Power Marketer (or Energy Service Provider) ☐ Community Choice Aggregator	☐ Transmission ☐ Behind the Meter ☐ Wholesale Power Marketer ☐ DSM Administrator	

For questions or additional information about the Form EIA-861 contact the Survey Manager: Fax: (202) 287 - 1938 Email: EIA-861@eia.gov
Stephen Scott Phone: (202) 586-5140 Email: stephen.scott@eia.gov

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SCHEDULE 2. PART A. GENERAL INFORMATION

LINE NO.		
1	Regional North American Electric Reliability Council (Not applicable for power marketers)	[ ] TRE (formerly ERCOT) [ ] NPCC [ ] SPP [ ] FRCC [ ] RFC (formerly ECAR, MAIN. MAAC) [ ] WECC [ ] MRO [x] SERC
2	Name of RTO or ISO	[ ] California ISO [ ] Southwest Power Pool [ ] Electric Reliability Council of Texas [ ] Midwest ISO [ ] PJM Interconnection [ ] ISO New England [ ] New York ISO [X] None
3	(For EIA Use Only) Identify the North American Electric Reliability Council where you are physically located	SERC
4	Did Your Company Operate Generating Plants(s)?	[x] Yes [ ] No
5	Identify The Activities Your Company Was Engaged In During The Year (Check appropriate activities)	[ ] Generation from company owned plant [ ] Buying distribution on other electrical system [x] Transmission [ ] Wholesale power marketing [ ] Buying transmission services on other electrical system [ ] Retail power marketing [x] Distribution using owned/leased electric wires [ ] Bundled Services (electricity plus other services such as gas, water, etc. in addition to electric service))
6	Highest Hourly Electrical Peak System Demand	Summer (Megawatts) 115.0 Prior Year 116.0 Winter (Megawatts) 96.0 Prior Year 96.0
7	Did Your Company Operate Alternative-Fueled Vehicles During the Year?	[x] Yes [ ] No
	Does Your Company Plan to Operate Such Vehicles During the Coming Year?	[x] Yes [ ] No
	If "Yes", Please Provide Additional Contact Information	Name: Rick Clevinger Title: Fleet Management Administrator Telephone: 772 - 466 - 1600 Fax: - - Email: rclevinger@fpua.com

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SCHEDULE 2. PART B. ENERGY SOURCES AND DISPOSITION

	SOURCE OF ENERGY	MEGAWATTHOURS		DISPOSITION OF ENERGY	MEGAWATTHOURS
1	Net Generation		11	Sales to Ultimate Consumers	571,148
2	Purchases from Electricity Suppliers	589,666	12	Sales For Resale	
3	Exchanged Received (In)		13	Energy Furnished Without Charge	
4	Exchanged Delivered (Out)		14	Energy Consumed By Respondent Without Charge	843
5	Exchanged Net				
6	Wheeled Received (In)				
7	Wheeled Delivered (Out)		15	Total Energy Losses (positive number)	17,675
8	Wheeled Net				
9	Transmission by Others Losses (Negative Number)				
10	Total Sources (sum of lines 1, 2, 5, 8 & 9)	589,666	16	Total Disposition (sum of lines 11, 12, 13, 14, & 15)	589,666

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SCHEDULE 2. PART C. ELECTRIC OPERATING REVENUE

LINE NO.	TYPE OF OPERATING REVENUE		(THOUSAND DOLLARS to the nearest 0.1)
1	Electrical Operating Revenue From Sales to Ultimate Customers (Schedule 4: Parts A, B, and D)	$	66,417.0
2	Revenue From Unbundled (Delivery) Customers (Schedule 4: Part C)	$	
3	Electric Operating Revenue from Sales for Resale	$	
4	Electric Credits/Other Adjustments	$	
5	Revenue from Transmission	$	
6	Other Electric Operating Revenue	$	996.0
7	Total Electric Operating Revenue (sum of lines 1, 2, 3, 4, 5 and 6)	$	67,413.0

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SCHEDULE 3. PART A.
DISTRIBUTION SYSTEM RELIABILITY DATA

INSTRUCTIONS: For the purpose of this schedule, a distribution circuit is any circuit with a voltage of 34kV or below that emanate from a substation and that serves end use customers.

State/Territory **FL**

1	Total Number of Distribution Circuits	36.0
2	Number of Distribution Circuits that employ voltage/VAR optimization (VVO)	28.0

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SCHEDULE 3. PART B.
DISTRIBUTION SYSTEM RELIABILITY DATA

Who is required to complete this schedule?

This schedule collects System Average Interruption Frequency Index (SAIFI) and System Average Interruption Duration Index (SAIDI) statistics. If your organization does not compute these indexes, answer 'no' to Question 1 and then skip to Schedule 4A. You do not have to complete any other part of this schedule 3B or 3C.

Should you complete Part B or Part C?

If your organization computes the SAIFI and SAIDI indexes and determines Major Event Days using the IEEE 1366-2003 or the IEEE 1366-2012 standard, answer 'YES' to Questions 1 and 2, and complete Part B. Then skip to Schedule 4A. (You do not complete Schedule 3, Part C.)

If your organization does not use the IEEE 1366-2003 or the IEEE 1366-2012 standard but calculates SAIDI and SAIFI indexes via other method, answer 'yes' to question 1 and 'no' to question 2 and complete Part C. Then go to Schedule 4A.

1	Do you calculate SAIDI and SAIFI by any method? If Yes, go to Question 2. If No, go to Schedule 4, Part A.	[x] Yes	[ ] No
2	Do you calculate SAIDI and SAIFI and determine Major Event Days using the IEEE1366-2003 standard or IEEEE-2012 standard? If Yes, complete Part B. If No, go to complete Part C.	[ ] Yes	[x] No

Part B: SAIDI and SAIFI in accordance with IEEE 1366-2003 standard or IEEE 1366-2012 standard

		State
3a.	SAIDI value including Major Event days	
3b.	SAIDI value excluding Major Event days	
4	SAIDI value including Major Event days minus loss of supply	
5a.	SAIFI value including Major Event days	
5b.	SAIFI value excluding Major Event days	
6.	SAIFI value including Major Event days minus loss of supply	
7.	Total number of customers used in these calculations	
8.	What is the highest voltage that you consider part of the distribution system, as opposed to the supply system? (kV)	
9.	Do you receive information about a customer outage in advance of a customer reporting it?	[ ] Yes [ ] No

Thank You for completing this part. Skip Part C and go directly to Schedule 4 Part A.

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Part C: SAIDI and SAIFI calculated by other methods

	State	FL
10a. SAIDI value including Major Events		66.7
10b. SAIDI value excluding Major Events		66.7
11a. SAIFI value including Major Events		1.1
11b. SAIFI value excluding Major Events		1.1
12. Total number of customers used in these calculations		28,868.0
13. Do you include inactive accounts?		[x] Yes [ ] No
14. How do you define momentary interruptions	[x] Less than 1 min.	[ ] Less than 5 min. [ ] Other
15. What is the highest voltage that you consider part of the distribution system, as opposed to the supply system?		15.0 kv
16. Is information about customer outages recorded automatically?		[x] Yes [ ] No

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SCHEDULE 4. PART A. SALES TO ULTIMATE CUSTOMERS. FULL SERVICE - ENERGY AND DELIVERY SERVICE (BUNDLED)

	RESIDENTIAL (a)	COMMERCIAL (b)	INDUSTRIAL (c)	TRANSPORTATION (d)	TOTAL (e)
State FL **Balancing Authority**	14610				
Revenue (thousand dollars)	30,082.0	36,335.0			66,417.0
Megawatthours	250,486	320,662			571,148
Number of Customers	23,726	5,180			28,906
Are your rates decoupled?	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	
If the answer is YES, is the revenue adjustment automatic or does it require a rate-making proceeding?	N automatic	N automatic	N automatic	N automatic	
	N proceeding	N proceeding	N proceeding	N proceeding	
Cents/Kwh	12.009	11.331			11.629
State					
Revenue (thousand dollars)					
Megawatthours					
Number of Customers					
Are your rates decoupled?					
If the answer is YES, is the revenue adjustment automatic or does it require a rate-making proceeding?					
Cents/Kwh					

Total			
Revenue (thousand dollars)	30,082.0	36,335.0	66,417.0
Megawatthours	250,486	320,662	571,148
Number of Customers	23,726	5,180	28,906

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SCHEDULE 4. PART B. SALES TO ULTIMATE CUSTOMERS. ENERGY -- ONLY SERVICE (WITHOUT DELIVERY SERVICE)

	RESIDENTIAL (a)	COMMERCIAL (b)	INDUSTRIAL (c)	TRANSPORTATION (d)	TOTAL (e)
State	**Balancing Authority**				
Revenue (thousand dollars)					
Megawatthours					
Number of Customers					
Cents/Kwh					
State					
Revenue (thousand dollars)					
Megawatthours					
Number of Customers					
Cents/Kwh					
Total					
Revenue (thousand dollars)					
Megawatthours					
Number of Customers					

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SCHEDULE 4. PART C. SALES TO ULTIMATE CUSTOMERS. DELIVERY -- ONLY SERVICE (AND OTHER RELATED CHARGES)

	RESIDENTIAL (a)	COMMERCIAL (b)	INDUSTRIAL (c)	TRANSPORTATION (d)	TOTAL (e)
State	**Balancing Authority**				
Revenue (thousand dollars)					
Megawatthours					
Number of Customers					
Cents/Kwh					
State					
Revenue (thousand dollars)					
Megawatthours					
Number of Customers					
Cents/Kwh					

Total	
Revenue (thousand dollars)	
Megawatthours	
Number of Customers	

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SCHEDULE 4. PART D. BUNDLED SERVICE BY RETAIL ENERGY PROVIDERS AND POWER MARKETERS

	RESIDENTIAL (a)	COMMERCIAL (b)	INDUSTRIAL (c)	TRANSPORTATION (d)	TOTAL (e)
State	**Balancing Authority**				
Revenue (thousand dollars)					
Megawatthours					
Number of Customers					
Cents/Kwh					
State					
Revenue (thousand dollars)					
Megawatthours					
Number of Customers					
Cents/Kwh					
Total					
Revenue (thousand dollars)					
Megawatthours					
Number of Customers					

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SCHEDULE 5. MERGERS and/or ACQUISITIONS

Mergers and/or acquisitions during the reporting month

If Yes, Provide:

Date of Merger or Acquisition

Company merged with or acquired

Name of new parent company

Address

City

State, Zip

New Contact Name

Telephone No.

Email address

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SCHEDULE 6. PART A. ENERGY EFFICIENCY PROGRAMS
Adjusted Gross Energy and Demand Savings -- Energy Efficiency

If you have a non utility DSM administrator that reports your DSM activity for you please select them from the list

State/Territory **FL** **Balancing Authority** **14610**

		RESIDENTIAL (a)	COMMERCIAL (b)	INDUSTRIAL (c)	TRANS (d)	Total (e)
	Reporting Year Incremental Annual Savings					
1	Energy Savings (MWh)	125.076				125.076
2	Peak Demand Savings (MW)	0.009				0.009
	Increment Life Cycle Savings					
3	Energy Savings (MWh)	2005.936				2,005.936
4	Peake Demand Savings (MW)	0.009				0.009
	Reporting Year Incremental Costs					
5	Customer Incentives	24.875				24.875
6	All other costs	7.461				7.461
	Incremental Life Sycle Costs					
7	Customer Incentives	24.875				24.875
8	All other costs	7.461				7.461
	Weighted Average Life for Portfolio (Years) - Use Spreadsheet to Calculate					
9	Weighted Average Life	16.040				16.000

Please provide website address to your energy efficiency program reports:

www.FPUA.com

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SCHEDULE 6. PART A. ENERGY EFFICIENCY PROGRAMS

DMS Administration only. List all utilities that you provide service for.

State	Utility Name

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Schedule 6. Part B. Yearly Energy and Demand Savings - Demand Response

Reporting Year Savings

		(a) Residential	(b) Commercial	(c) Industrial	(d) Transportation	(e) Total
State/Territory	**Balancing Authority**					
1	Number of Customers Enrolled					
2	Energy Savings (Mwh)					
3	Potential Peak Demand Savings (MW)					
4	Actual Peak Demand Savings (MW)					

Schedule 6. Part B. Program Cost -- Demand Response (Thousand Dollars)

Reporting Year Costs

5	Customer Incentives
6	All other costs
7	If you have a demand side management (DMS) program for grid-interactive water heaters (as defined by DOE), how many grid interactive water heaters were added to your program this year?

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SCHEDULE 6. PART C. DYNAMIC PRICING PROGRAMS

Number of Customers

INSTRUCTIONS: Report the number of customers participating in dynamic pricing programs, e.g. Time-of-Use-Pricing, Real-Time-Pricing, Variable Peak Pricing, Critical Peak Pricing Programs.

State/Territory **Balancing Authority**

		Residential (a)	Commercial (b)	Industrial (c)	Transportatio (d)	Total (e)
1	Number of Customers enrolled in dynamic pricing programs, by customer class					

Types of Dynamic Pricing Programs

INSTRUCTIONS: For each customer class, mark the types of dynamic pricing programs in which the customers are participating.

		Residential (a)	Commercial (b)	Industrial (c)	Transportatio (d)
2	Time-of-Use Pricing	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No
3	Real-Time Pricing	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No
4	Variable Peak Pricing	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No
5	Critical Peak Pricing	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No
6	Critical Peak Rebate	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No

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SCHEDULE 6. PART D. ADVANCED METERING

Only customers from schedule 4A and 4C need to be reported on this schedule.
AMR- data transmitted one-way, to the utility.
AMI- data transmitted in both directions, to the utility and customer

State **FL** **Balancing Authority** **14610**

		Residential (a)	Commercial (b)	Industrial (c)	Transportation (d)	Total (e)
1	Number of AMR Meters	5,858	750			6,608
2	Number of AMI Meters	7,720	1,797			9,517
3	Number of AMI Meters with home area network (HAN) gateway enabled					
4	Number of non AMR/AMI Meters	10,148	2,633			12,781
5	Total Number of Meters (All Types), line 1+2+4	23,726	5,180			28,906
6	Energy Served Through AMI	50,487	72,056			122,543
7	Number of Customers able to access daily energy usage through a webportal or other electronic means	7,720	1,797			9,517
8	Number of customers with direct load control					

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SCHEDULE 7. PART A. NET METERING

Net Metering programs allow customers to sell excess power they generated back to the electrical grid to offset consumption. Provide the information about programs by State balancing authority, customer class, and technology for all net metering applications.

State	FL	Balancing Authority	14610	Residential (a)	Commercial (b)	Industrial (c)	Transportation (d)	Total (e)
Photovoltaic	Net Metering Installed Capacity (MW)			0.297	0.007			0.304
	Net Metering Installations			44	3			47
	Storage Installed Capacity (MW)							
	Storage Installations							
	Virtual NM Installed Capacity (1 MW and greater)							
	Virtual NM Customers (1 MW and greater)							
	Virtual NM Installed Capacity (less than 1MW)							
	Virtual NM Customers (less than 1MW)							
	If Available, Enter the Electric Energy Sold Back to the Utility (MWh)			187.374	2.173			189.547
Wind	Installed Net Metering Capacity (MW)							0.000
	Number of Net Metering Customers							0
	If Available, Enter the Electric Energy Sold Back to the Utility (MWh)							0.000
Other	Installed Net Metering Capacity (MW)							0.000
	Number of Net Metering Customers							0
	If Available, Enter the Electric Energy Sold Back to the Utility (MWh)							0.000
Total	Installed Net Metering Capacity (MW)			0.297	0.007	0.000	0.000	0.304
	Number of Net Metering Customers			44	3	0	0	47
	If Available, Enter the Electric Energy Sold Back to the Utility (MWh)			187.374	2.173	0.000	0.000	189.547
Grand Total All States	**Net Metering Installed Capacity (MW)**			.297	.007	0	0	.304
	Net Metering Installations/customers			44	3	0	0	47
	If Available, Enter the Electric Energy Sold Back to the Utility (MWh)			187.374	2.173	0	0	189.547

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SCHEDULE 7. PART B. NON NET-METERED DISTRIBUTED GENERATORS

If your company owns and/or operates a distribution system, please report information on known distributed generation (grid connected/synchronized) capacity on the system. Such capacity must be utility or customer-owned

NUMBER AND CAPACITY

State	Balancing Authority	< 1MW

1. Number of generators
2. Total combined capacity (MW)
3. Capacity that consists of backup-only units
4. Capacity owned by respondent

Capacity by Technology and Sector (MW)

	Residential	Commercial	Industrial	Transportation	Direct Connected	Total
5. Internal combustion						
6. Combustion turbine(s)						
7. Steam turbine(s)						
8. Fuel Cell(s)						
9. Hydroelectric						
10, Photovoltaic						
11. Storage						
12. Wind turbine(s)						
13. Other						
14. Total						

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SCHEDULE 8. DISTRIBUTION SYSTEM INFORMATION

If your company owns a distribution system, please identify the names of the counties (parish, etc.) by State in which the electric wire/equipment are located.

LINE NO.	STATE (US Postal Abbreviation) (a)	COUNTY (Parish, Etc.) (b)	LINE NO.	STATE (US Postal Abbreviation) (a)	COUNTY (Parish, Etc.) (b)
1	FL - St Lucie				

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SCHEDULE 9. COMMENTS

SCHEDULE (a)	PART (b)	LINE NO. (c)	COLUMN (d)	NOTES (e)
2	A	4		FPUA does operate, under contract,the Treasue Coast Energy Center which is wholly owned by FMPA All Requirements Project.
6	D	7		FPUA Customers have the ability to access daily energy usage through FPUA website, but not all customers are signed up to view the information.

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EIA861 ERROR LOG

Part	State	BA ID	Error No.	Error Description/Override Comment	Type	Override