US Department of Energy Energy Information Administration Form EIA-861	ANNUAL ELECTRIC POWER INDUSTRY REPORT	Form Approved OMB No. 1905-0129 Approved Expires 07/31/2026

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

Contact Clay Ulmer
Title: CFO
Phone: (229) 377-4182 Ext. 203 FAX: Email: c.ulmer@gradyemc.com

REPORT FOR: Grady Electric Membership Corp 7450
REPORTING PERIOD: 2024

Supervisor John Long
Title: CEO
Phone: (229) 377-4182 Ext. 228 FAX: Email: j.long@gradyemc.com

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

1	Legal Name of Industry Participant	Grady Electric Membership Corp	**Submission Status/Date:**	Submitted	04/15/2025
2	Current Address of Principal Business Office	P O Box 2701499 38th Boulevard NW Cairo GA 39828 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
- [ ] 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)?

- [ ] Yes
- [x] 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
- [ ] Transmission
- [ ] Wholesale power marketing
- [ ] Buying transmission services on other electrical system
- [x] Retail power marketing
- [ ] 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)	92.1	Prior Year	88.0
Winter (Megawatts)	97.1	Prior Year	80.1

7 Did Your Company Operate Alternative-Fueled Vehicles During the Year?

- [ ] Yes
- [x] No

Does Your Company Plan to Operate Such Vehicles During the Coming Year?

- [ ] Yes
- [x] No

If "Yes", Please Provide Additional Contact Information

Name:

Title:

Telephone: - - Fax: - - Email:

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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	316,121
2	Purchases from Electricity Suppliers		337,468	12	Sales For Resale	
3	Exchanged Received (In)			13	Energy Furnished Without Charge	
4	Exchanged Delivered (Out)			14	Energy Consumed By Respondent Without Charge	
5	Exchanged Net					
6	Wheeled Received (In)					
7	Wheeled Delivered (Out)			15	Total Energy Losses (positive number)	21,347
8	Wheeled Net					
9	Transmission by Others Losses (Negative Number)					
10	Total Sources (sum of lines 1, 2, 5, 8 & 9)		337,468	16	Total Disposition (sum of lines 11, 12, 13, 14, & 15)	337,468

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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)	$	46,245.9
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	$	2,899.0
7	Total Electric Operating Revenue (sum of lines 1, 2, 3, 4, 5 and 6)	$	49,144.9

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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 **GA**

1	Total Number of Distribution Circuits	44.0
2	Number of Distribution Circuits that employ voltage/VAR optimization (VVO)	

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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. [x] Yes [ ] No

	State	GA
3a.	SAIDI value including Major Event days	921.192
3b.	SAIDI value excluding Major Event days	574.627
4	SAIDI value including Major Event days minus loss of supply	0.000
5a.	SAIFI value including Major Event days	5.413
5b.	SAIFI value excluding Major Event days	3.938
6.	SAIFI value including Major Event days minus loss of supply	0.000
7.	Total number of customers used in these calculations	20,210.5
8.	What is the highest voltage that you consider part of the distribution system, as opposed to the supply system? (kV)	25.0
9.	Do you receive information about a customer outage in advance of a customer reporting it?	[ ] Yes [x] 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
10a. SAIDI value including Major Events	
10b. SAIDI value excluding Major Events	
11a. SAIFI value including Major Events	
11b. SAIFI value excluding Major Events	
12. Total number of customers used in these calculations	
13. Do you include inactive accounts?	☐ Yes ☐ No
14. How do you define momentary interruptions	☐ 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?	kv
16. Is information about customer outages recorded automatically?	☐ 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 GA **Balancing Authority**	18195				
Revenue (thousand dollars)	38,617.3	6,859.5	769.1		46,245.9
Megawatthours	260,280	51,150	4,691		316,121
Number of Customers	19,283	995	253		20,531
Are your rates decoupled?	Yes [x] No	Yes [x] No	Yes [x] No	Yes [x] 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	14.837	13.411	16.395		14.629
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)	38,617.3	6,859.5	769.1		46,245.9
Megawatthours	260,280	51,150	4,691		316,121
Number of Customers	19,283	995	253		20,531

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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

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

State/Territory **Balancing Authority**

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

Please provide website address to your energy efficiency program reports:

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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

State/Territory	Balancing Authority		(a) Residential	(b) Commercial	(c) Industrial	(d) Transportation	(e) Total
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 [x] No	[ ] Yes [x] No	[ ] Yes [x] No	[ ] Yes [x] No
3	Real-Time Pricing	[ ] Yes [x] No	[ ] Yes [x] No	[ ] Yes [x] No	[ ] Yes [x] No
4	Variable Peak Pricing	[ ] Yes [x] No	[ ] Yes [x] No	[ ] Yes [x] No	[ ] Yes [x] No
5	Critical Peak Pricing	[ ] Yes [x] No	[ ] Yes [x] No	[ ] Yes [x] No	[ ] Yes [x] No
6	Critical Peak Rebate	[ ] Yes [x] No	[ ] Yes [x] No	[ ] Yes [x] No	[ ] Yes [x] 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 GA **Balancing Authority 18195**

		Residential (a)	Commercial (b)	Industrial (c)	Transportation (d)	Total (e)
1	Number of AMR Meters					
2	Number of AMI Meters	19,283	995	253		20,531
3	Number of AMI Meters with home area network (HAN) gateway enabled					
4	Number of non AMR/AMI Meters					
5	Total Number of Meters (All Types), line 1+2+4	19,283	995	253		20,531
6	Energy Served Through AMI	260,280	51,150	4,691		316,121
7	Number of Customers able to access daily energy usage through a webportal or other electronic means	19,283	995	253		20,531
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	GA	Balancing Authority	18195	Residential (a)	Commercial (b)	Industrial (c)	Transportation (d)	Total (e)
Photo voltaic	Net Metering Installed Capacity (MW)			0.720	0.100			0.820
	Net Metering Installations			72	1			73
	Virtual NM Installed Capacity (1 MW and greater)							0.000
	Virtual NM Customers (1 MW and greater)							0
	Virtual NM Installed Capacity (less than 1MW)							0.000
	Virtual NM Customers (less than 1MW)							0
	If Available, Enter the Electric Energy Sold Back to the Utility (MWh)							0.000
Battery Storage	PV-Paired Net Metering Installed Capacity (MW)							0.000
	PV-Paired Energy Capacity (MWh)							0.000
	PV-Paired Installations							0.000
	Not PV-Paired Net Metering Installed Capacity (MW)							0.000
	Not PV-Paired Energy Capacity (MWh)							0.000
	Not PV-Paired Net Metering Installations							0.000
	Total Battery Storage Capacity			0.000	0.000	0.000	0.000	0.000
	Total Battery Storage Energy Capacity (MWh)			0.000	0.000	0.000	0.000	0.000
	Total Battery Storage Installations			0	0	0	0	0
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

SCHEDULE 7. PART A. NET METERING Continued

		Residential (a)	Commercial (b)	Industrial (c)	Transportation (d)	Total (e)
Total	Installed Net Metering Capacity (MW)	0.720	0.100	0.000	0.000	0.820
	Number of Net Metering Customers	72	1	0	0	73
	If Available, Enter the Electric Energy Sold Back to the Utility (MWh)	0.000	0.000	0.000	0.000	0.000
Grand Total All States	**Net Metering Installed Capacity (MW)**	0.720	0.100	0.000	0.000	0.820
	Net Metering Installations/customers	72	1	0	0	73
	If Available, Enter the Electric Energy Sold Back to the Utility (MWh)	0.000	0.000	0.000	0.000	0.000

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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		3. Capacity that consists of backup-only units
2. Total combined capacity (MW)		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						
10a. Nature of PV Data:						
11. Battery Capacity (MW)						
11a. *Energy Capacity(MWh)						
12. Wind turbine(s)						
13. Other						
14. Total						

*Line 11a Energy Capacity is not included in the toal on line 14.

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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	GA - Brooks				
2	GA - Colquitt				
3	GA - Decatur				
4	GA - Grady				
5	GA - Mitchell				
6	GA - Thomas				

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SCHEDULE 9. COMMENTS

SCHEDULE	PART	LINE NO.	COLUMN	NOTES
(a)	(b)	(c)	(d)	(e)

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EIA861 ERROR LOG

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