



**FORM EIA-861**  
**ANNUAL ELECTRIC POWER**  
**INDUSTRY REPORT**

**NOTICE:** This report is mandatory under the Federal Energy Administration Act of 1974 (Public Law 93-275). Failure to comply may result in criminal fines, civil penalties and other sanctions as provided by law. For further information concerning sanctions and data protections see the provisions on sanctions and the provisions concerning the confidentiality of information in the instructions. **Title 18 U.S.C. 1001 makes it a criminal offense for any person knowingly and willingly to make to any Agency or Department of the United States any false, fictitious, or fraudulent statements as to any matter within its jurisdiction.**

Entity Name:   
Entity ID:

**SCHEDULE 1. IDENTIFICATION**

Who is the survey contact?  
-Contact EIA by email at eia-861@eia.gov to correct or update this information

First Name:  Last Name:   
Title:   
Telephone:  FAX:   
Email:

Who is the survey contact's supervisor?  
-Contact EIA by email at eia-861@eia.gov to correct or update this information

First Name:  Last Name:   
Title:   
Telephone:  FAX:   
Email:

**Entity and Preparer Information**

What is the legal name of the entity that this form is being prepared for?

What is the current address for this entity's principal business office?

What is the preparer's legal name?  
-Enter the legal name of the company which prepares this form, if different from the entity's legal name

What is the preparer's current address?  
-Enter the address that this form should be mailed to, if it is different from the entity's principal business office.

Type of Ownership and Function:

<input type="checkbox"/> Federal	<input type="checkbox"/> State
<input type="checkbox"/> Political Subdivision	<input type="checkbox"/> Municipal
<input type="checkbox"/> Municipal Marketing Authority	<input type="checkbox"/> Investor-Owned
<input type="checkbox"/> Cooperative	<input type="checkbox"/> Retail Power Marketer
<input type="checkbox"/> Independent Power Producer or Qualifying Facility	<input type="checkbox"/> Wholesale Power Marketer
<input type="checkbox"/> Transmission	<input type="checkbox"/> DSM Administrator
<input type="checkbox"/> Behind the Meter	<input type="checkbox"/> Community Choice Aggregator

For questions or additional information about the Form EIA-861 contact the Survey Managers:

Stephen Scott  
Phone: (202) 586-5140  
Email: stephen.scott@eia.gov

FAX Number: (202) 287-1938  
Email: eia-861@eia.gov



Entity Name: [text box]

Entity ID: [text box]

Data Year: 2016

SCHEDULE 2. PART A. GENERAL INFORMATION

Form with multiple sections: 1. Regional North American Electric Reliability Corporation Region (not applicable for power marketers) (mark all that apply) with checkboxes for TRE, FRCC, MRO, NPCC, RFC, SERC, SPP, WECC. 2. Name of RTO or ISO with checkboxes for California ISO, ERCOT, PJM Interconnection, New York ISO, Southwest Power Pool, Midwest ISO, ISO New England, None. 3. Identify the North American Electric Reliability Corporation where you are physically located (For EIA Use Only). 4. Did your company operate generating plant(s)? with Yes/No checkboxes. 5. Identify the Activities Your Company Was Engaged in During the Year (check appropriate activities) with checkboxes for Generation from company owned plant, Transmission, Buying transmission services on other electrical systems, Distribution using owned/leased electrical wires, Buying distributed on other electrical systems, Wholesale power marketing, Retail power marketing, Combined Utility Services. 6. Highest Hourly Electrical Peak System Demand (MW to the nearest 0.1) for Summer and Winter. 7. Did Your Company Operate Alternative-Fueled Vehicles During the Year? and Does Your Company Plan to Operate Such Vehicles During the Coming Year? with Yes/No checkboxes. Includes a section for additional contact information (Name, Title, Telephone, Fax, Email).



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**SCHEDULE 2. PART B. ENERGY SOURCES AND DISPOSITION**

LINE NO.	SOURCE OF ELECTRICITY (MWh)	LINE NO.	DISPOSITION OF ELECTRICITY (MWh)
1	Net Generation	11	Sales to Ultimate Customers
2	Purchases from Electricity Suppliers	12	Sales for Resale
3	Exchanges Received (In)	13	Energy Furnished Without Charge
4	Exchanges Delivered (Out)	14	Energy Consumed By Respondent Without Charge
5	Exchanges (Net) (Received - Delivered)	15	Total Energy Losses (positive number)
6	Wheeled Received (In)		
7	Wheeled Delivered (Out)		
8	Wheeled (Net) (Received - Delivered)		
9	Transmission by Others, Losses (negative number)		
10	<b>Total Sources</b> <b>(sum of lines 1, 2, 5, 8, and 9)</b>	16	<b>Total Disposition</b> <b>(sum of lines 11, 12, 13, 14, and, 15)</b>
			0



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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	Electric Operating Revenue From Sales to Ultimate Customers (Schedule 4: Parts A, B, and D)	\$ <input type="text"/>
2	Revenue From Unbundled (Delivery) Customers (Schedule 4: Part C)	\$ <input type="text"/>
3	Electric Operating Revenue from Sales for Resale	\$ <input type="text"/>
4	Electric Credits/Other Adjustments	\$ <input type="text"/>
5	Revenue from Transmission	\$ <input type="text"/>
6	Other Electric Operating Revenue	\$ <input type="text"/>
7	Total Electric Operating Revenue (sum of lines 1, 2, 3, 4, 5 and 6)	\$ <input type="text" value="0"/>



Entity Name:

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**SCHEDULE 3. PART A. DISTRIBUTION SYSTEM INFORMATION**

INSTRUCTIONS: For the purposes of this schedule, a distribution circuit is any circuit with a voltage of 35kV or below that serves end use customers directly or through step-down transformers or substations. For more details see instructions for this form.

State

1	Total Number of Distribution Circuits	<input type="text"/>
2	Number of Distribution Circuits that employ voltage/VAR optimization (VVO)	<input type="text"/>



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**SCHEDULE 3. PARTS B and C.  
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.

Yes [ ]

No [ ]

2 Do you calculate SAIDI and SAIFI and determine Major Event Days using the IEEE 1366-2003 standard or IEEE 1366-2012 standard? If Yes, complete Part B. If No, complete Part C.

Yes [ ]

No [ ]



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

State

		Including Major Event Days	Excluding Major Event Days
3	SAIDI Value for the Year	<input type="text"/>	<input type="text"/>
4	SAIDI Value: Major Event Days Included minus loss of supply (see instructions)	<input type="text"/>	<input type="text"/>
5	SAIFI Value for the Year	<input type="text"/>	<input type="text"/>
6	SAIFI Value: Major Event Days Included minus loss of supply (see instructions)	<input type="text"/>	<input type="text"/>
7	Total number of customers used in these calculations	<input type="text"/>	
8	What is the highest voltage that you consider part of the distribution system, as opposed to the supply system?	<input type="text"/> kV	
9	Is information about customer outages recorded automatically?	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

Including major  
events

Excluding major  
events

10 SAIDI Value for the Year

11 SAIFI Value for the Year

12 Total number of customers used in these calculations

13 Do you include inactive accounts?  Yes  No

14 How do you define momentary interruptions? (such as, less than 1 min, equal to or less than 5 min, or some other way)  Less Than 1 minute  OR  Less Than or Equal to 5 minutes  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)**

State	Balancing Authority	RESIDENTIAL (a)	COMMERCIAL (b)	INDUSTRIAL (c)	TRANSPORTATION (d)	TOTAL (e)
			\$	\$	\$	\$0
						0
						0
		<input type="checkbox"/> Yes	<input type="checkbox"/> Yes	<input type="checkbox"/> Yes	<input type="checkbox"/> Yes	
		<input type="checkbox"/> No	<input type="checkbox"/> No	<input type="checkbox"/> No	<input type="checkbox"/> No	
		<input type="checkbox"/> automatic	<input type="checkbox"/> automatic	<input type="checkbox"/> automatic	<input type="checkbox"/> automatic	
		<input type="checkbox"/> proceeding	<input type="checkbox"/> proceeding	<input type="checkbox"/> proceeding	<input type="checkbox"/> proceeding	



Entity Name:

Entity ID:  Data Year:

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

	RESIDENTIAL (a)	COMMERCIAL (b)	INDUSTRIAL (c)	TRANSPORTATION (d)	TOTAL (e)
<b>State</b> <input type="text"/> <b>Balancing Authority</b> <input type="text"/>					
Revenue (thousand dollars to the nearest 0.1)					\$0
Megawatt hours (MWh)					0
Number of Customers					0
<b>State</b> <input type="text"/> <b>Balancing Authority</b> <input type="text"/>					
Revenue (thousand dollars to the nearest 0.1)					\$0
Megawatt hours (MWh)					0
Number of Customers					0
<b>State</b> <input type="text"/> <b>Balancing Authority</b> <input type="text"/>					
Revenue (thousand dollars to the nearest 0.1)					\$0
Megawatt hours (MWh)					0
Number of Customers					0
<b>State</b> <input type="text"/> <b>Balancing Authority</b> <input type="text"/>					
Revenue (thousand dollars to the nearest 0.1)					\$0
Megawatt hours (MWh)					0
Number of Customers					0
<b>State</b> <input type="text"/> <b>Balancing Authority</b> <input type="text"/>					
Revenue (thousand dollars to the nearest 0.1)					\$0
Megawatt hours (MWh)					0
Number of Customers					0
<b>TOTAL FOR ALL STATES</b>					
<b>Revenue (thousand dollars)</b>	\$0	\$0	\$0	\$0	\$0
<b>Megawatt hours (MWh)</b>	0	0	0	0	0
<b>Number of Customers</b>	0	0	0	0	0



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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)
<b>State</b> <input type="text"/> <b>Balancing Authority</b> <input type="text"/>					
Revenue (thousand dollars to the nearest 0.1)					\$0
Megawatt hours (MWh)					0
Number of Customers					0
<b>State</b> <input type="text"/> <b>Balancing Authority</b> <input type="text"/>					
Revenue (thousand dollars to the nearest 0.1)					\$0
Megawatt hours (MWh)					0
Number of Customers					0
<b>State</b> <input type="text"/> <b>Balancing Authority</b> <input type="text"/>					
Revenue (thousand dollars to the nearest 0.1)					\$0
Megawatt hours (MWh)					0
Number of Customers					0
<b>State</b> <input type="text"/> <b>Balancing Authority</b> <input type="text"/>					
Revenue (thousand dollars to the nearest 0.1)					\$0
Megawatt hours (MWh)					0
Number of Customers					0
<b>State</b> <input type="text"/> <b>Balancing Authority</b> <input type="text"/>					
Revenue (thousand dollars to the nearest 0.1)					\$0
Megawatt hours (MWh)					0
Number of Customers					0
<b>TOTAL FOR ALL STATES</b>					
<b>Revenue (thousand dollars)</b>	\$0	\$0	\$0	\$0	\$0
<b>Megawatt hours (MWh)</b>	0	0	0	0	0
<b>Number of Customers</b>	0	0	0	0	0



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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)
<b>State</b> <input type="text"/> <b>Balancing Authority</b> <input type="text"/>					
Revenue (thousand dollars to the nearest 0.1)					\$0
Megawatt hours (MWh)					0
Number of Customers					0
<b>State</b> <input type="text"/> <b>Balancing Authority</b> <input type="text"/>					
Revenue (thousand dollars to the nearest 0.1)					\$0
Megawatt hours (MWh)					0
Number of Customers					0
<b>State</b> <input type="text"/> <b>Balancing Authority</b> <input type="text"/>					
Revenue (thousand dollars to the nearest 0.1)					\$0
Megawatt hours (MWh)					0
Number of Customers					0
<b>TOTAL FOR ALL STATES</b>					
<b>Revenue (thousand dollars)</b>	\$0	\$0	\$0	\$0	\$0
<b>Megawatt hours (MWh)</b>	0	0	0	0	0
<b>Number of Customers</b>	0	0	0	0	0



Independent Statistics & Analysis

U.S. Energy Information Administration

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SCHEDULE 5. MERGERS and/or ACQUISITIONS

Were there any mergers and/or acquisitions during the reporting period ?

Yes

No (if no, skip to Schedule 6)

If yes, provide:

Date of merger or acquisition [input field]

Company merged with or acquired [input field]

Name of new parent company [input field]

Address [input field]

City [input field] State [input field] Zip [input field]

First Name [input field] Last Name [input field]

Telephone [input field]

Email [input field]



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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.

DSM Administrators only- List all utilities that you provide service for.

Table with columns: State, Balancing Authority, RESIDENTIAL (a), COMMERCIAL (b), INDUSTRIAL (c), TRANSPORTATION (d), TOTAL (e). Rows include Reporting Year Incremental Annual Savings, Incremental Life Cycle Savings, Reporting Year Incremental Costs, and Incremental Life Cycle Costs.

Please provide website address to your energy efficiency program reports:



Independent Statistics & Analysis

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SCHEDULE 6. PART A. ENERGY EFFICIEN

DSM Administrators only- List all utilities that you provide service for.

State

Utility Name



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**NCY PROGRAMS**



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**SCHEDULE 6. PART B. DEMAND RESPONSE PROGRAMS**  
**Schedule 6. Part B. Energy and Demand Savings -- Demand Response**

Reporting Year Savings

State	Balancing Authority	RESIDENTIAL (a)	COMMERCIAL (b)	INDUSTRIAL (c)	TRANSPORTATION (d)	TOTAL (e)
1	Number of Customers Enrolled					0
2	Energy Savings (MWh)					0
3	Potential Peak Demand Savings (MW)					0.0
4	Actual Peak Demand Savings (MW)					0.0

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

Reporting Year Costs

	RESIDENTIAL (a)	COMMERCIAL (b)	INDUSTRIAL (c)	TRANSPORTATION (d)	TOTAL (e)
5	Customer Incentives				0
6	All other costs				0

7 If you have a demand side management (DSM) program for grid-enabled water heaters (as defined by DOE's Office of Energy Efficiency and Renewable Energy ), how many grid-enabled water heaters were added to your program this year?

Entity Name:

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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	Balancing Authority	RESIDENTIAL (a)	COMMERCIAL (b)	INDUSTRIAL (c)	TRANSPORTATION (d)	TOTAL (e)
1	Number of Customers enrolled in dynamic pricing programs, by customer class					0.000

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)	TRANSPORTATION (d)
2	Time-of-Use Pricing	[ ]	[ ]	[ ]	[ ]
3	Real Time Pricing	[ ]	[ ]	[ ]	[ ]
4	Variable Peak Pricing	[ ]	[ ]	[ ]	[ ]
5	Critical Peak Pricing	[ ]	[ ]	[ ]	[ ]
6	Critical Peak Rebate	[ ]	[ ]	[ ]	[ ]

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SCHEDULE 6. PART D. ADVANCED METERING

Only customers from schedule 4A and 4C need to be reported on this schedule.

**Automated Meter Reading (AMR)**- data transmitted one-way, from customer to utility.

**Advanced Metering Infrastructure (AMI)** - data can be transmitted in both directions, between the delivery entity and the customer.

STATE	Balancing Authority					TOTAL (e)
		RESIDENTIAL (a)	COMMERCIAL (b)	INDUSTRIAL (c)	TRANSPORTATION (d)	
1	Number of AMR Meters					0
2	Number of AMI Meters					0
3	Number of AMI Meters with home area network (HAN) gateway enabled					0
4	Number of non AMR/AMI Meters					0
5	Total Number of Meters (All Types), lines 1+2+4	0	0	0	0	0
6	Energy Served Through AMI					
7	Number of Customers able to access daily energy usage through a webportal or other electronic means					0
8	Number of customers with direct load control					0



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**SCHEDULE 7. PART A. NET METERING PROGRAMS**

**Net Metering** programs allow customers to sell excess power they generate 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	Balancing Authority	Balancing Authority				TOTAL (e)
		RESIDENTIAL (a)	COMMERCIAL (b)	INDUSTRIAL (c)	TRANSPORTATION (d)	
Photovoltaic	<b>Nature of Data Reported AC ( ) DC ( )</b>					
	Net Metering Installed Capacity (MW)					0.000
	Net Metering Installations					0
	If Available, Storage Installed Capacity (MW)					0.000
	If Available, Storage Installations					0
	Virtual NM Installed Capacity (1 MW and greater)					0.000
	Virtual NM Customers (1MW 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
	Wind	Net Metering Installed Capacity (MW)				
Net Metering Installations						0
If Available, Enter the Electric Energy Sold Back to the Utility (MWh)						0
Other	Net Metering Installed Capacity (MW)					0.000
	Net Metering Installations					0
	If Available, Enter the Electric Energy Sold Back to the Utility (MWh)					0
Total	Net Metering Installed Capacity (MW)	0	0	0	0	0.000
	Net Metering Installations	0	0	0	0	0
	If Available, Enter the Electric Energy Sold Back to the Utility (MWh)	0	0	0	0	0







