



**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.

Respondent type:

Federal

Political Subdivision

Municipal Marketing Authority

Cooperative

Independent Power Producer or Qualifying Facility

State

Municipal

Investor-Owned

Retail Power Marketer

Wholesale Power Marketer

Transmission

DSM Administrator

Behind the Meter

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

Stephen Scott Phone: (202) 586-5140  
FAX Number: (202) 287-1938

Email: stephen.scott@eia.gov  
Email: eia-861@eia.gov



Entity Name:

Entity ID:

Data Year:

**SCHEDULE 2. PART A. GENERAL INFORMATION**

LINE NO.	Regional North American Electric Reliability Corporation Region (not applicable for power marketers) (mark all that apply)	
1	<input type="checkbox"/> TRE (ERCOT)	<input type="checkbox"/> NPCC
	<input type="checkbox"/> FRCC	<input type="checkbox"/> RFC
	<input type="checkbox"/> MRO	<input type="checkbox"/> SERC
	<input type="checkbox"/> SPP	<input type="checkbox"/> WECC
	<input type="checkbox"/> Name of RTO or ISO	<input type="checkbox"/>
	<input type="checkbox"/> California ISO	<input type="checkbox"/> New York ISO
	<input type="checkbox"/> ERCOT	<input type="checkbox"/> Southwest Power Pool
		<input type="checkbox"/> ISO New England
		<input type="checkbox"/> None
2	<input type="checkbox"/> PJM Interconnection	<input type="checkbox"/> Midwest ISO
3	Identify the North American Electric Reliability Corporation where you are physically located <b>(For EIA Use Only)</b>	
4	Did your company operate generating plant(s)?	
	<input type="checkbox"/> Yes	<input type="checkbox"/>
	<input type="checkbox"/> No	<input type="checkbox"/>
5	Identify the Activities Your Company Was Engaged in During the Year (check appropriate activities)	
	<input type="checkbox"/> Generation from company owned plant	<input type="checkbox"/> Buying distributed on other electrical systems
	<input type="checkbox"/> Transmission	<input type="checkbox"/> Wholesale power marketing
	<input type="checkbox"/> Buying transmission services on other electrical systems	<input type="checkbox"/> Retail power marketing
	<input type="checkbox"/> Distribution using owned/leased electrical wires	<input type="checkbox"/> Combined Utility Services (electricity plus other services such as gas, water, etc. in addition to electric services)
	Highest Hourly Electrical Peak System Demand (MW to the nearest 0.1)	
	<input type="text"/>	
6	Summer	<b>MW</b>
	Winter	<b>MW</b>
	Did Your Company Operate Alternative-Fueled Vehicles During the Year?	
	<input type="checkbox"/> Yes	<input type="checkbox"/>
	<input type="checkbox"/> No	<input type="checkbox"/>
7	Does Your Company Plan to Operate Such Vehicles During the Coming Year?	
	<input type="checkbox"/> Yes	<input type="text"/>
	<input type="checkbox"/> No	<input type="text"/>

If "Yes", Please Provide 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>



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 Approval Expires: 05/31/2017  
 Burden Hours: 12.75

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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"/>



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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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ABC Company

00000

Data Year: 2016

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

4 SAIDI Value: Including and Excluding Major Event Days minus loss of supply (see instructions)

5 SAIFI Value for the Year

6 SAIFI Value: Including and Excluding Major Event Days minus loss of supply (see instructions)

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 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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Entity Name: ABC Company

Entity ID: 00000

Data Year: 2016

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)
Revenue (thousand dollars to the nearest 0.1)	\$ <input type="text"/>	\$ <input type="text"/>	\$ <input type="text"/>	\$ <input type="text"/>	\$0
Megawatt hours (MWh)	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	0
Number of Customers	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	0
Are your rates decoupled?	<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	
If the answer is YES, is the revenue adjustment automatic or does it require a rate-making proceeding?	<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: \_\_\_\_\_ 2016

**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> _____ <b>Balancing Authority</b> _____					
Revenue (thousand dollars to the nearest 0.1)					\$0
Megawatt hours (MWh)					0
Number of Customers					0
<b>State</b> _____ <b>Balancing Authority</b> _____					
Revenue (thousand dollars to the nearest 0.1)					\$0
Megawatt hours (MWh)					0
Number of Customers					0
<b>State</b> _____ <b>Balancing Authority</b> _____					
Revenue (thousand dollars to the nearest 0.1)					\$0
Megawatt hours (MWh)					0
Number of Customers					0
<b>State</b> _____ <b>Balancing Authority</b> _____					
Revenue (thousand dollars to the nearest 0.1)					\$0
Megawatt hours (MWh)					0
Number of Customers					0
<b>State</b> _____ <b>Balancing Authority</b> _____					
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



Entity Name:

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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



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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

Company merged with or acquired

Name of new parent company

Address

City  State  Zip

First Name  Last Name

Telephone

Email



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OMB No. 1905-0129
Approval Expires: 12/31/2019
Burden Hours: 10.97

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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 for various categories like Energy Savings, Peak Demand Savings, Customer Incentives, and All other costs.

Weighted Average Life for Portfolio (Years)
Select hyperlink to access weighted average life spreadsheet

Table with columns: Weighted Average Life Calculator, Weighted Average Life, Residential, Commercial, Industrial, Transportation.

Please provide website address to your energy efficiency program reports:



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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?



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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 web portal 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	Nature of Reported Data	AC ( ) DC ( )				TOTAL (e)
			RESIDENTIAL	COMMERCIAL (b)	INDUSTRIAL (c)	TRANSPORTATION (d)	
Photovoltaic		Net Metering Installed Capacity (MW)					0.000
		Net Metering Installations					0
		If Available, Storage Capacity (MW)					
		If Available, Storage Installations					
		Virtual NM Installed Capacity (1MW & greater)					
		Virtual NM Customers (1MW 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)					0
Wind		Net Metering Installed Capacity (MW)					0.000
		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





