

Federal Energy Regulatory Commission

FERC-733 Demand Response/Time-Based Rate Programs and Advanced Metering

OMB No. 1902-XXXX

Expires: MM/DD/YYYY

SURVEY QUESTIONS

Note: Terms shown in **bold-blue** are defined in the glossary.

Q1. Please provide the following identification and contact information:

Entity Identification: Enter the full legal name of the industry participant (entity) for which the survey is being completed. Enter the entity ID number shown in the email you received, or contact FERC at 1-XXX-XXX-XXXX, if you don't know the ID number. Choose the entity type from the drop-down menu.

Entity Name		Entity ID Number:	
		Entity Type:	
		Date Saved: (MM/DD/YYYY)	

Survey Contact:

First Name:		Last Name:		Email address:	
Title:		Phone No.:		Fax No.:	
Address 1:		Address 2:		City:	
State:		Zip Code:		Country:	

Survey Contact's Supervisor:

First Name:		Last Name:		Email address:	
Title:		Phone No.:		Fax No.:	
Address 1:		Address 2:		City:	
State:		Zip Code:		Country:	

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Q2. For each region, enter the state and report, for each of the three customer sectors shown, the total number of the entity's **AMI** and **AMR** meters and the total number of all meters (including standard electric meters) being used by the entity. Report the data as of the end of calendar year 2013.

Advanced Metering Infrastructure (AMI): Meters that measure and record usage data at a minimum, in hourly intervals, and provide usage data to both consumers and energy companies at least once daily. Data are used for billing and other purposes. Advanced meters include basic hourly interval meters and extend to real-time meters with built-in two way communication capable of recording and transmitting instantaneous data. For AMI meters that are only being used as AMR, report the meters as AMI meters operating as AMR.

Automated Meter Reading (AMR): Meters that collect data for billing purposes only and transmit this data one way, usually from the customer to the distribution utility. Aggregated monthly kWh data captured on these meters may be retrieved by a variety of methods including drive-by vans with short-distance remote reading capabilities and communication over a fixed network such as a cellular network.

Standard (Electric) Meters: Electromechanical or solid state meters measuring aggregated kWh where data are manually retrieved over monthly billing cycles for billing purposes only. Standard meters may also include functions to measure time-of-use and/or demand with data manually retrieved over monthly billing cycles.

NERC Region	State	Residential			Commercial and Industrial (including agriculture)			Other (e.g., transportation)		
		Number of AMI Meters Operated as AMI	Number of AMI Meters Operated as AMR	Total Number of Meters (all types)	Number of AMI Meters Operated as AMI	Number of AMI Meters Operated as AMR	Total Number of Meters (all types)	Number of AMI Meters Operated as AMI	Number of AMI Meters Operated as AMR	Total Number of Meters (all types)

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Q3. For those retail customers that have AMI meters that are operated as AMI, please provide the **number of customers** who have the capability to receive electricity use data via each of the following methods.

Method of Accessing Data	Number of Customers		
	Residential	Commercial & Industrial (including agriculture)	Other (e.g., transportation)
Presented on the entity's website			
Downloadable from the entity's website			
Green Button			
Smart phone/device application			
E-mail or mail			
Other			
Comments			

If the entity for which you are providing information DOES NOT offer any **demand response** or **time-based rates/tariffs**, YOU ARE FINISHED WITH THIS SURVEY.

Please submit it to FERC as specified in the **instructions**.

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Q4. For each NERC Region, list the state in which the entity operates, and the associated number of retail customers by customer class.

NERC Region	State	Residential	Commercial and Industrial (including agriculture)	Other (e.g., transportation)

Q5. Provide the following information for each **demand response** program and **time-based rate/tariff** the entity offered directly to retail customers during calendar year 2013, by **customer sector**, for each **NERC region** and state.

NERC Regional Entity:

State:

RETAIL PROGRAM/TARIFF

Customer Sector

(Choose from drop-down list provided. If program serves multiple customer sectors, complete Q5 for the first customer sector, then click the Add Page button at the bottom of this form. Enter data for another customer sector on the new page. For paper filers, please see the list of customer sectors in the glossary.)

Program Name

Program Description (include website address if available)

Program Type (Choose a program from the drop-down list that most closely matches the one offered by your entity. If the entity offers more than one program for the selected customer sector, complete Q5, and then click "Add Page" at the bottom of the form. Enter information for another program on the new page. For paper filers, please see the list of program types on the last page of the glossary)

Number of Participants

Maximum Demand of Participants (MW)

Potential Peak Reduction (MW)

Largest hourly **Realized Demand Reduction** attributed to Program in 2013 (MW)

Number of times Program was called or activated (enter "NA" if not applicable)

Are participants in the Program excluded from taking part in other **demand response** programs or **time-based rates/tariffs**?

Yes: / No:

Participation (please see glossary for definitions of **mandatory participation**, opt-in, and opt-out)

End-Use equipment affected (e.g., air conditioners, water-heaters, etc.)

Are resources under this program enrolled in an RTO or ISO **demand response** program?

Yes: / No:

If "Yes," select the name of the RTO/ISO

If "Yes," report the name of the RTO/ISO demand response program

If "Yes," report the amount of **Potential Peak Reduction (MW)** enrolled in the RTO/ISO demand response program

Other Comments (please specify):

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Q6. Provide the following information for each **demand response** program and **time-based rate/tariff** the entity offered directly to **wholesale customers** and **curtailment service providers** during calendar year 2013, for each **NERC region** and state.

NERC Regional Entity:

State:

WHOLESALE PROGRAM/TARIFF

Program Name

(If the entity offered more than one program, complete Q6, then click the “Add Page” button at the bottom of the form. Enter data for the need program on the new page. Respondents filing a paper version of this form should complete and make copies of Q6 for each program offered by the entity.)

Program Description (include website address if available)

Program Type (Choose a program from the drop-down list that most closely matches the one offered by your entity. If the entity offers more than one program for the selected customer sector, complete Q6, and then click “Add Page” at the bottom of the form. Enter information for another program on the new page. For paper filers, please see the list of program types on the last page of the glossary)

Potential Peak Reduction (MW)

Largest hourly **Realized Demand Reduction** attributed to Program in 2013 (MW)

Program Start Date (MM/YYYY)

Program End Date (MM/YYYY)

Are participants in the program excluded from taking part in other **demand response** programs or **time-based rates/tariffs**?

Yes: / No:

Number of Times Program was called or activated (enter “NA” if not callable; otherwise, enter the number of times called)

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Q7. Provide the **entity's** near and long-term plans for new **demand response programs** and **time-based rates/tariffs**. Only list programs in the year in which they are planned to begin. Do not list programs in more than one time period.

Program Type	New Programs and Tariffs planned to begin during Calendar Year 2014		New Programs and Tariffs planned to begin during Calendar Years 2015 and 2016	
	Number of Programs	Potential Peak Reduction (MW)	Number of Programs	Potential Peak Reduction (MW)
Critical Peak Pricing				
Critical Peak Pricing with Controls				
Peak Time Rebate				
Real-Time Pricing				
System Peak Response Transmission Tariff				
Time-of-Use				
Demand Bidding				
Direct Load Control				
Emergency Demand Response				
Interruptible Load				
Load as a Capacity Resource				
Other (describe below)				
Describe Other Program Type:				
Describe Potential Peak Reduction estimation method (optional):				