



# Federal Energy Regulatory Commission

FERC-731 Demand Response/Time-Based Rate Programs and Advanced Metering

Form Approved  
 OMB No. 1902-0251  
 Expires on: 03/31/2013

## 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 your entity's ID number (shown in the email you received. If you don't know your ID number, please contact FERC at 1-888-595-9617). Choose from the drop-down menu, the type of entity for whom you are filing.

<b>Entity Name:</b>		<b>Entity ID No.:</b>	<input type="text"/>
		<b>Entity Type:</b>	<input type="text"/>

### 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.** Enter the state and report, for each of the three customer sectors shown, the total number of your entity's **advanced meters** being used for advanced metering purposes and the total number of all meters being used by your entity. Do not sum entries from different customer sectors. Report the data as of the end of calendar year 2011.

**Note:** *Advanced meters 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.*

State	Residential		Commercial and Industrial		Other (for example, transportation, agricultural)	
	Number of advanced meters	Total number of meters (all types)	Number of advanced meters	Total number of meters (all types)	Number of advanced meters	Total number of meters (all types)

### ENTITIES WITHOUT DEMAND RESPONSE PROGRAMS OR TIME-BASED RATES/TARIFFS

If the **entity** for which you are providing information **OFFERS demand response programs** or **time-based rates/tariffs**, please **SKIP Q3** and answer the questions that follow beginning with Q4.

**Note:** *A demand response program includes a company's service/program/tariff related to demand response, or the change in customer electric usage from normal consumption patterns in response to changes in the price of electricity over time or in response to incentive payments designed to induce lower electricity use at times of high wholesale market prices, or a change in electric usage by end-use customers at the direction of a system operator or an automated preprogrammed control system when system reliability is jeopardized.*

**Q3.** Enter the **number of retail electric customers** and retail electric meters your entity has as of the end of calendar year 2011, by **customer sector**, **ONLY** if the **entity** for which you are filing **DOES NOT** offer any **demand response programs** or **time-based rates/tariffs**.

Enter the information separately for each **regional entity** in which your **entity** operates. If entities are split across regional entity boundaries, please fill out one row per regional entity.

NERC Regional Entity	Residential		Commercial and Industrial		Other <small>(for example, transportation, agricultural)</small>	
	Customers	Meters	Customers	Meters	Customers	Meters

If the entity for which you are providing information DOES NOT offer any demand response or time-based rates/tariffs, **YOU ARE FINISHED WITH THE SURVEY** after answering this question. Please submit it to FERC as specified in the instructions.

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**ENTITIES WITH DEMAND RESPONSE PROGRAMS OR TIME-BASED RATES/TARIFFS**

**Q4.** For those retail customers that are provided data concerning the amount and frequency of their electricity use which is measured at least hourly, please provide the **number** of customers who have the capability to receive these data via each of the following methods.

Customer Sector	Via the Internet	On their Bills/Invoices	Via a <b>Display Unit</b> (e.g., an <b>In-Home Display Monitor</b> )
<b>Residential</b>			
<b>Commercial and Industrial</b>			
<b>Other</b> (for example, transportation, agricultural)			

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**Q5.** Provide your **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 2012		New Programs and Tariffs planned to begin during Calendar Years 2013 and 2014		New Programs and Tariffs planned to begin during Calendar Years 2015 through 2017	
	Number of Programs	Potential Peak Reduction (MW)	Number of Programs	Average Potential Peak Reduction (MW)	Number of Programs	Average Potential Peak Reduction (MW)
Direct Load Control						
Interruptible Load						
Critical Peak Pricing with Controls						
Load as Capacity Resource						
Spinning Reserves						
Non-Spinning Reserves						
Emergency Demand Response						
Regulation Service						
Demand Bidding and Buyback						
Time-of-Use Pricing						
Critical Peak Pricing						
Real-Time Pricing						
Peak Time Rebate						
System Peak Response						
Transmission Tariff						
Other (Describe below)						
Description of Other Program Type:	<input type="text"/>					
Description of Potential Peak Reduction estimation method (optional):	<input type="text"/>					

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<p><b>Q6.</b> Please list each state within each <b>NERC regional entity</b> in which your entity operates.</p>	<p><b>Q7.</b> Provide your entity's <b>number</b> of retail customers, by <b>customer sector</b>, for the state and <b>NERC regional entity</b> (selected in Question 6) in which your entity operates.</p>
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NERC Regional Entity	State		Residential	Commercial and Industrial	Other <small>(for example, transportation, agricultural)</small>

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**Q9.** Provide the following information for each **demand response program** your **entity** offered to **wholesale customers** and **curtailment service providers** during calendar year 2011, for the **regional entity** and state:

NERC Regional entity:

state:

## WHOLESALE PROGRAM/TARIFF

<b>Program name</b> (If the entity offered more than one program, complete Q9, then click the Add Page button at the bottom of the form. Enter data for the next program on the new page. Respondents filing a paper version of this form should make copies of and complete Q9 for each program offered by the entity.)	
<b>Program description</b> (include website address if available)	
<b>Program type</b> (From the drop-down list provided, choose the program that most closely matches the one offered by your entity. If the entity offers more than one program for the selected customer sector, complete Q9, then click the "Add Page" box 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.)	
<b>Potential peak reduction</b> (MW)	
<b>Realized demand reduction</b> attributed to program in 2011 (MW)	
<b>Minimum reduction</b> required for participation (MW)	
<b>Response time</b> (hours)	
<b>Energy payment for MWh curtailed</b> (\$/MWh)	
<b>Minimum payment rate</b> (\$/MWh)	
<b>Capacity payment rate</b> (\$/kW-month)	
Minimum <b>duration of event</b> (hours)	
Maximum <b>duration of event</b> (hours)	
<b>Specific event limits</b> (Number)	
<b>Bid limit</b> (maximum acceptable bid) (\$/MWh)	
<b>Program start date</b> (MM/YYYY)	
<b>Program end date</b> (MM/YYYY)	
<b>Minimum term</b> (years)	
Are participants in the program excluded from taking part in other <b>demand response programs</b> ?	<input type="radio"/> Yes/ <input type="radio"/> No
<b>May participants in this program be charged penalties?</b> (Y or N)	<input type="radio"/> Yes/ <input type="radio"/> No

*Click this button to create another WHOLESALE PROGRAM/TARIFF page (like this one).*

*Click this button to delete this page.*