Add to header "FERC-731 Demand Response/Time-Based Rate Programs and Advanced Metering"

Federal Energy Regulat on

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

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revise telephone number

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

dropdown box hides 4 lines at bottom

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 ~~1-888-585-9232~~). Choose from the drop-down menu, the type of entity for whom you are filing.

Entity Name:		**Entity** ID No.:	
		Entity Type:	

Survey Contact:

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

Add a "save" button to each page

Survey Contact's Supervisor:

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

Q2. Enter the state and report 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. Report the data as of the end of calendar year ~~2009~~ 2011 ~~by customer sector for each state~~.

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.*

Add spaces between columns to emphasize they are separate catagories

	Residential		Commercial and Industrial		Other (for example,transportation, agricultural)	
State	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)

drop boxes hide all but 9 states

seven rows is enough

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.*

2011

Q3. Enter the **number** of **retail electric customers** and retail electric meters your entity has as of the end of calendar year ~~2009~~, 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.

drop boxes truncate entity names at right side

NERC Regional Entity	Residential		Commercial and Industrial		Other (for example, transportation, agricultural)	
	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 Display Unit (e.g., an In-Home Display Monitor)
Residential			
Commercial and Industrial			
Other (for example, transportation, agricultural)			

Q5. Provide your **entity's** near- and long-term plans for new **demand response programs** and **time-based rates/tariffs**.

2012 2013 2014 2015 2017

Program Type	During Calendar Year ~~2010~~		During Calendar Years ~~2011~~ and ~~2012~~		During Calendar Years ~~2013~~ through ~~2015~~	
	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)						

Insert "New Programs and Tariffs planned to begin" in all three column headers

Description of Other Program Type:

Description of Potential Peak Reduction estimation method (optional):

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Q6. Please list each state within each NERC regional entity in which your entity operates.

Q7. Provide your entity's **number** of retail customers, by **customer sector,** for the state and **NERC regional entity** (selected in Question 6) in which your entity operates.

NERC Regional Entity	State		Residential	Commercial and Industrial	Other (for example, transportation, agricultural)

State drop boxes hide several states at bottom of list

Delete these rows to reduce file size

Q8. Provide the following information for each **demand response program** and **time-based rate/tariff** your **entity** offered directly to retail customers during calendar year ~~2009~~, by **customer sector**, for the following **regional entity** and state:

2011

NERC Regional entity:

state:

NERC box truncates a little on right side. State box hides states at bottom.

RETAIL PROGRAM/TARIFF

Customer Sector (Choose from the drop-down list provided. If program serves multiple customer sectors, complete Q8 for the first customer sector, then click the Add Page button at 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 (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 Q8, 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.)	drop box hides several program types at bottom
Number of customers	
Maximum demand of customers (MW)	
Potential peak reduction (MW)	
Realized demand reduction attributed to program in ~~2009~~ (MW) 2011	
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**?	◯ Y / ◯ N
Participation (Please see the glossary for definitions of mandatory participation, opt-in, and opt-out)	
Please enter the end use equipment affected (for example, air conditioning, water heaters)	
Amount of **Potential peak reduction** enrolled in RTO and/or ISO demand response programs (MW)	
Other comments (please specify)	

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

Del Page *Click this button to delete this page.*

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OMB No. 1902-0251
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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 ~~2009~~, for the **regional entity** and state:

2011

NERC Regional entity:

state:

WHOLESALE PROGRAM/TARIFF

Program name (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.)	
Program description (include website address if available)	
Program type (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.)	drop box hides several program types at bottom
Potential peak reduction (MW)	
Realized demand reduction attributed to program in ~~2009~~ (MW) 2011	
Minimum reduction required for participation (MW)	
Response time (hours)	
Energy payment for MWh curtailed ($/MWh)	
Minimum payment rate ($/MWh)	
Capacity payment rate ($/kW-month)	
Minimum **duration of event** (hours)	
Maximum **duration of event** (hours)	
Specific event limits (Number)	
Bid limit (maximum acceptable bid) ($/MWh)	
Program start date (MM/YYYY)	
Program end date (MM/YYYY)	
Minimum term (years)	
Are participants in the program excluded from taking part in other **demand response programs**?	◯ Yes/ ◯ No
May participants in this program be charged penalties? (Y or N)	◯ Yes/ ◯ No

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

Del Page *Click this button to delete this page.*