

Federal Energy Regulatory Commission FERC-727		Demand Response, Time-Based Rate Programs/Tariffs Survey	Form Approved OMB No. 1902-0214 Exp. Date: 4/30/2008
PURPOSE	The Energy Policy Act of 2005 section 1252(e)(3) requires the Federal Energy Regulatory Commission to prepare an annual report, by appropriate region, that assesses demand response resources, including those available from all consumer classes. FERC-727 will provide the Commission with some of the information needed for the report on demand response programs and time-based rates/tariffs.		
RESPONDENTS	The FERC-727 form is to be completed by electric industry participants including: electric utilities, wholesale power marketers (registered with the Federal Energy Regulatory Commission), energy service providers (registered with the States), electric power producers, unregulated retailers, Independent System Operators, Regional Transmission Organizations, Curtailment Service Providers and wholesale program providers. <u>This form is not designed to collect information from end use customers.</u>		
RESPONSE DUE DATE	Submit the completed FERC-727 to the FERC by April 30, 2008. Extensions will be granted on a case-by-case basis by calling 1-800-716-9841 or sending an email to drsurvey@utilipoint.com .		
METHODS OF FILING RESPONSE	File your electronic reply by completing the survey at http://www.ferc.gov/industries/electric/indus-act/energy-innovations/demand-response/2008/survey.asp . FERC will also accept survey responses that are completed in paper format. Mail the paper version of your completed survey to: UtiliPoint International, Inc. FERC Survey 6000 Uptown Blvd. Suite 314 Albuquerque, NM 87110		
CONTACTS	Call 1-800-716-9841 or send an email to drsurvey@utilipoint.com .		

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GENERAL INSTRUCTIONS	Demand Response and/or Time-Based Rates/Tariffs Survey Section	
	1. Submit the completed FERC-727 by April 30, 2008.	
	2. State codes are two-letter U.S. Postal Service abbreviation.	
	3. Report demand in megawatts. One megawatt-hour equals 1,000 kilowatt-hours. To convert kilowatt-hours to megawatt-hours, divide by 1,000 and round to the nearest whole number. If demand is less than 1 MW, enter the demand value using decimal points. For example, 300 KW should be entered as 0.3 MW.	
	4. Use a minus sign for reporting negative numbers.	
	5. We recommend the use of <i>Internet Explorer</i> software on PCs and <i>Safari</i> on Macs to work on the 2008 FERC surveys.	
	6. See the Glossary at http://www.ferc.gov/industries/electric/indus-act/energy-innovations/demand-response/2008/survey.asp for terms used in this survey or hold your cursor over a term with a hyperlink while completing the survey electronically.	
	7. Refer to FAQs about FERC Surveys 2008 at http://www.ferc.gov/industries/electric/indus-act/energy-innovations/demand-response/2008/survey.asp for answers to the questions that may arise for you.	
	8. Download from http://www.ferc.gov/industries/electric/indus-act/energy-innovations/demand-response/2008/survey.asp the General Information section, the survey sections and their instructions to your computer or diskette/CD. They are Adobe Acrobat files with .pdf file name extensions. Print the documents for reference purposes. Collect the information as specified in each of the documents.	
	9. Return to http://www.ferc.gov/industries/electric/indus-act/energy-innovations/demand-response/2008/survey.asp and complete the on-line General Information section.	
	10. To ensure accurate, automated compilation of your organization's survey responses, the General Information section needs to be completed first before beginning to enter any information into either of the two surveys.	
	11. Return to: to http://www.ferc.gov/industries/electric/indus-act/energy-innovations/demand-response/2008/survey.asp to complete and submit FERC-727.	
12. You can save each page as completed and return at a later time to enter additional data into the survey, as long as you haven't submitted the survey.		

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GENERAL INSTRUCTIONS (Continued)	13. Verify the accuracy of all information provided before submitting your response.	
	14. Click the submit button at the end of the FERC-727 only when you have finished entering all of the information requested. Once submitted, the data entries can no longer be modified.	
	15. An email confirmation will be sent to the email address listed in the General Information section upon submission of FERC-727 by the end of the next regular working day.	
	16. Please note that you can print each page of FERC-727 as you complete it and/or you can print FERC-727 in its entirety after completion by utilizing your web browser's print capability and/or the survey's print capability at the bottom of each survey web page.	
	17. Include program data as of the end of 2007.	
	18. List the Demand Response and Time-Based Rate programs/tariffs your organization currently offers to each class of customers (Residential, Commercial, Industrial, Transportation, Other, Wholesale).	
	19. Provide separate enrollment and potential numbers for each customer class in each program. For example, if the organization offers one Demand Response program and both <i>commercial</i> and <i>residential</i> customers participate in the program, enter this program as two separate programs— enter the number of <i>residential</i> customers in the residential program/tariff, and the number of <i>commercial</i> customers who participate in the commercial program/tariff.	
	20. <i>Program/Tariff Types</i> for all but wholesale customers include incentive-based programs [such as direct load control (DLC), interruptible/curtailable (I/C) service, demand bidding/buyback (DB), emergency demand response programs (EDRP), capacity market programs (CAP), and ancillary services market programs (A/S)), and price-based rate/tariff options (such as time-of-use (TOU), real-time pricing (RTP), and critical peak pricing (CPP) and critical peak rebate (CPR)]. Please see the glossary at http://www.ferc.gov/industries/electric/indus-act/energy-innovations/demand-response/2008/survey.asp for definitions of these terms.	
21. <i>Program Types</i> for wholesale customers include demand bidding/buyback (DB), emergency demand response programs (EDRP), capacity market programs (CAP), and ancillary services market programs (A/S).		

Demand Response and/or Time-based Rates/Tariffs Survey Section

**ITEM-BY-ITEM
INSTRUCTIONS**

For Question 1, select the Regional Council within the North American Electric Reliability Council (NERC) region for which you are providing the demand response information:

- Individual survey forms will need to be completed for each Regional Council in which your company or entity (entity) offers demand response programs and/or time-based rates/tariffs.
- Provide one response per Regional Council and report aggregated information for all affiliated entities within each Regional Council.

If you are responsible for filing FERC-727 for unaffiliated entities, please file separately for each entity.

For Question 2, fill in the names and EIA numbers of affiliated entities in the table. If the company responds to the Energy Information Administration's request for information on EIA-861, please enter the EIA-issued Utility Identification Number. If the respondent is an RTO, ISO, CSP, or wholesale program provider use the Identification Number FERC sent you. If you do not know your EIA Utility Identification Number or have not received your Identification Number from FERC, call 1-800-716-9841 or send an email to drsurvey@utilipoint.com.

You may be filing for more than one entity. The table has space for up to 15 affiliates. If you have more than 15 affiliated entities for this state for advanced metering, please call 1-800-716-9841 or send an email to drsurvey@utilipoint.com for assistance. If you are filing for only one entity, use the first row and ignore the other rows.

For Question 3, provide your contact information. An email confirmation will be sent to the email address provided upon submission of FERC-727 upon submittal by the end of the next regular working day.

For Question 4, for this survey-section response associated with the region selected in question 1, please identify all of the states in which your company provides programs/tariffs for demand response or time based rates.

For Question 5, provide the number of retail customers by class and the total peak demand for each retail customer class.

**ITEM-BY-ITEM
INSTRUCTIONS
(Continued)**

In Question 6, report for each customer class how many customers receive interval data usage:

- **Via the internet:** the customer can view its interval data on the internet on a site provided by your company or by another entity contracted by your company to provide the information
- **On their bills:** the customer is provided with interval data information in some form on its utility bill
- **Via the AMI network:** the customer can view or access internal usage data directly through the AMI network or through a specific device connected to the AMI network that is provided by the AMI network owner or operator. This category does not include meters which have the capability of being read (e.g., through pulse output or TCP/IP), but an external display has not been provided.

For Question 7, indicate the number of demand response programs/tariffs you will be entering for each customer class. There will be room to enter 8 programs for each customer class and 8 programs for Wholesale customers.

*******Please Note*******

1. For each customer class within the NERC regional council associated with this FERC-727 response, provide information for up to eight demand response programs and/or time-based rates/tariffs sponsored by your company.
2. If your company wishes to report on more than eight Demand Response or Time-Based Rate programs/tariffs for any customer class for this regional council, use the web survey to provide information on the first eight, and then call 1-800-716-9841 or send an email to DRsurvey@utilipoint.com for further assistance.
3. For each customer class, the same set of questions will be asked about the Demand Response programs and/or Time-Based Rate programs/tariffs offered by your company for the NERC regional council associated with this FERC-727 response.
4. In the following series of sections in the FERC-727, the first question for each customer class asks information about programs #1 - #4 on which you are reporting. The second question for each customer class asks for information about programs #5 - #8 on which you are reporting. The last question for each customer class provides an opportunity for survey respondents to enter comments about the questions on the programs/tariffs.

Enter the following **Information for Each Customer Class** on which you are reporting.

Specifically:

In Questions 8 and 9, provide the information below for residential programs/tariffs #1 - #8.

In Questions 11 and 12, provide the information below for commercial programs/tariffs #1 - #8.

In Questions 14 and 15, provide the information below for industrial programs/tariffs #1 - #8.

In Questions 17 and 18, provide the information below for transportation programs/tariffs #1 - #8.

In Questions 20 and 21, provide the information below for other programs/tariffs #1 - #8.

**ITEM-BY-ITEM
INSTRUCTIONS
(Continued)**

Information to be Entered for Each Customer Class

- **Name of program:** Enter a short name for the program that identifies the program/tariff.
- **Description of program:** Provide a short description of the program/tariff, such as “Critical peak pricing program for large residential customers with central A/C with smart thermostats.”
- **Number of enrolled customers:** Enter the number of customers participating in the program/tariff for this class of customers.
- **Maximum demand:** Provide the maximum demand of customers enrolled, in megawatts, for customers in this customer class.
- **Potential peak reduction:** Provide the potential peak reduction from this load, in megawatts, for customers in this customer class.
- **Actual peak reduction:** Provide the actual peak reduction from this load, in megawatts, for customers in this customer class
- **Potential MWh change:** Provide the potential MWh change (negative or positive), in megawatt hours, due to the Program/Tariff for customers in this customer class
- **Actual MWh change:** Provide the actual MWh change (negative or positive) in megawatt hours due to the Program/Tariff for customers in this customer class.

Answer the next four questions “yes” or “no” for each program in each customer class.

- **Are participants in the program excluded from taking part in other DR programs?** Indicate whether or not participants in the program you are reporting are precluded from participating in other DR program by answering “yes” or “no.”
- **Is participation mandatory?:** Indicate whether or not customers have the option of participating in the program or take service under the tariff by answering “yes” or “no.”
- **Is participation voluntary?** Indicate whether or not customers have the option of participating in the program or take service under the tariff by answering “yes” or “no.”
- **Does the program include....?** Indicate whether or not the program or programs you are listing in Questions 8, 9, 11, 12, 14, 15, 17, 18, 20 & 21 include any of the nine features asked about by answering “yes” or “no” to each of the nine questions that begin in this way. If an important feature of the program/tariff is not included in the list, tell us what that feature is by using the “other” field. Refer to the glossary <http://www.ferc.gov/industries/electric/indus-act/energy-innovations/demand-response/2008/survey.asp> for definitions of these terms.

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ITEM-BY-ITEM INSTRUCTIONS (Continued)	<p>Enter any comments you would like to provide to FERC about your responses related to the residential program/tariffs as follows:</p> <p>For Question 10, comments about your responses related to the residential program/tariffs.</p> <p>For Question 13, comments about your responses related to the commercial program/tariffs.</p> <p>For Question 16, comments about your responses related to the industrial program/tariffs.</p> <p>For Question 19, comments about your responses related to the transportation program/tariffs.</p> <p>For Question 22, comments about your responses related to the other program/tariffs.</p> <hr/> <p>For Questions 23 and 24 provide the information below for wholesale programs/tariffs #1 - #8.</p> <ul style="list-style-type: none"> • Name of program: Enter a short name for the program that identifies the program/tariff. • Description of program: Provide a short description of the program/tariff, such as "Critical peak pricing program for large residential customers with central A/C with smart thermostats." • Minimum reduction: Enter the minimum megawatt reduction requirement that wholesale customers must meet to participate. • Response time: Enter the number of hours wholesale customers are notified before the demand response event begins. • Energy payment: Enter the amount in whole dollars for each MWh curtailed that participating wholesale customers get paid. • Minimum payment rate: Enter the minimum payment rate in dollars per MWh. • Minimum duration of event: Enter the minimum number of hours an event can last for the program/tariff. • Maximum duration of event: Enter the maximum number of hours an event can last for the program/tariff. • Specific event limits: Enter the maximum number of times events can be called per year. • Bid limits: Enter the dollar level at which bids are capped (in \$/MWh). • Program start date (MM/YYYY): Enter the month and year the program/tariff started. • Program end date (MM/YYYY): Enter the month and year the program/tariff ended, if applicable. • Minimum term: Enter the number of years wholesale customers must participate. 	

**ITEM-BY-ITEM INSTRUCTIONS
(Continued)**

Answer "yes" or "no" to the next series of questions on the wholesale programs/tariffs #1 - #8 you listed in Questions 23 and 24.

- **Are participants in the program excluded from taking part in other DR programs?** Indicate whether customers in this region can participate in more than one program/tariff or are restricted to participation to one of the programs/tariffs for this region by answering "yes" or "no."
- **Is participation mandatory?** Tell us whether or not customers have an option of participating by answering "yes" if customers have no option or "no" if they have an option.
- **Is participation voluntary?** Tell us whether or not customers have an option of participating by answering "yes" if customers have no option or "no" if they have an option. Answer "yes" if customers participate by default in the program(s).
- **Does the program include....?** Indicate whether or not the program or programs you are listing in Questions 23 and 24 include any of the nine features asked about by answering "yes" or "no" to each of the nine questions that begin in this way. If an important feature of the program/tariff is not included in the list, tell us what that feature is by using the "other" field. Refer to the glossary <http://www.ferc.gov/industries/electric/indus-act/energy-innovations/demand-response/2008/survey.asp> for definitions of the terms.
- **Is there an ICAP credit associated with the program?** Answer "yes" if there is an ICAP credit associated with the wholesale program/tariff. Answer "no" if there is no ICAP credit associated with the wholesale program/tariff.
- **Are participants in program ever charged penalties?** Answer "yes" if there is a penalty for not meeting the terms of this program/tariff. Answer "no" if there is no penalty for not meeting the terms of this program/tariff.
- **For Question 25,** enter comments about your responses related to the wholesale program/tariffs.

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GLOSSARY	The glossary for the FERC-727 is available at www.ferc.gov/industries/electric/indus-act/energy-innovations/demand-responpse/2008/survey.asp . Definitions and clarifying information will also appear in the FERC-727 when you place your mouse over highlighted words and phrases.	
REPORTING BURDEN	The public reporting burden for FERC-727 is estimated to average four hours, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Federal Energy Regulatory Commission, 888 First Street, NE, Washington, D.C. 20426 (Attention: Michael Miller, Office of the Executive Director, 202-502-8415, fax: 202-273-0873, e-mail: michael.miller@ferc.gov). To submit comments concerning the collection of information and the associated burden estimates including suggestions for reducing this burden, please send your comments to the contact listed above and to the Office of Management and Budget, Room 10202 NEOB, 725 17th Street, N.W., Washington, D.C. 20503 (Attention: Desk Officer for the Federal Energy Regulatory Commission), fax: 202-395-7285, e-mail: oir_submission@omb.eop.gov). A person is not required to respond to the collection of information unless the form displays a valid OMB.	
CONFIDENTIALITY	Information reported on Forms FERC-727 will not be treated as confidential and may be publicly released in identifiable form.	