

MADRI WORKING GROUP MEETING #30 – September 30, 2013

DEMAND RESPONSE AND ENERGY EFFICIENCY IN THE PJM WHOLESALE MARKET

**PJM Interconnection
2750 Monroe Boulevard
Norristown, PA 19403**

Remote Participation

Web Address: <https://pjm.webex.com>

Meeting number: 658 508 230

Meeting password: madri0930rap

Teleconference call-in number: 1-866-546-3377

Participant passcode: 587644

Demand Response (DR) and Energy Efficiency (EE) in the PJM Wholesale Market:

Today's meeting will feature a long-awaited tour of PJM Interconnection's headquarters location. PJM will arrange shuttle transportation from Philadelphia's 30th Street Station to their building. Before the tour begins, we will have a panel on how demand response programs participate in the PJM wholesale electricity market. After lunch and facility tour, we will have a second panel focused on how energy efficiency is treated as a resource in the PJM wholesale market. The goal of this meeting is for participants to develop a better understanding of how practical and operational issues are managed in PJM for demand side resources, and a better appreciation of the value of viewing EE and DR more holistically – i.e., from the perspective of the customer.

AGENDA

- 9:30 – 10:30am** **Group transportation from 30th Street Station in Philadelphia to PJM**
All attendees who have reserved a space on the shuttle should meet under the large Amtrak arrival/departure information board in the center of 30th St. Station prior to 9:30am. If you did not reserve a space, we may not have room to take you. Problems or change in plans? Call John Shenot at 802-595-1669.
- 10:30 – 10:45am** **Introductions**
Janine Migden-Ostrander and John Shenot, Regulatory Assistance Project
- 10:45am – 12:15pm** **Demand Response in the PJM Wholesale Market**
Michael Lee, FERC
Pete Langbein, PJM
Sam Wolfe, Viridity

This panel will examine DR trends in the PJM market and how technologies and market rules have evolved over time. PJM will report on the performance of DR over this summer. This will also include a discussion on the market rules for dispatching resources from an economic, resource reliability and emergency

basis. Rather than discussing or debating what the market rules could or should be, the panel will focus on how the current rules are implemented and how DR resources are managed in a day-to-day operational sense. We will also learn about operational enhancements that PJM is currently making, e.g. to enable DR to be used for frequency regulation. This will touch on how rules get applied in light of new technologies and innovations. We will benefit from insights provided by representatives of FERC, PJM, and a Curtailment Service Provider providing DR in the PJM market.

12:15pm – 1:30pm **Tour of Innovation Hall and Lunch**

1:30 – 2:30pm **Energy Efficiency in the PJM Wholesale Market**

Terri Esterly, PJM

Julia Friedman, National Association of State Energy Officials

Paul Miles, PECO

The second panel will focus on another crucial demand side resource that has received less attention in recent MADRI meetings than DR or distributed generation: energy efficiency. PJM's market rules have created new opportunities for utilities, non-utility energy efficiency program administrators, and aggregators of retail customers (ARCs) to participate in wholesale markets. This panel will look at the options for energy efficiency, and how the market has responded to date. Practical, operational details will once again be featured. Our panelists will represent the perspectives of PJM, state energy officials, and a market participant.

2:30 – 3:00pm **Integrating EE and DR from the Customer's Perspective**

Laurie Actman, Energy Efficient Buildings Hub/Pennsylvania State University

Some service providers operating in the PJM market are looking to integrate EE and DR programs to maximize benefits for their customers. We'll conclude the meeting with a brief look at the impact of *jointly* assessing the efficiency of a customer's facility and its potential to provide responsive demand. Policy implications for the MADRI states and for PJM will be noted.

3:00 – 3:15pm **Wrap-Up, Adjournment**

Janine Migden-Ostrander and John Shenot, Regulatory Assistance Project

3:15pm

Board shuttle bus to return to 30th Street Station in Philadelphia