

- BEFORE THE PUBLIC SERVICE COMMISSION OF UTAH -

In the Matter of the Consideration of the
Amendment of Title 16 U.S.C. 2621(d) and
the Addition of Title 42 U.S.C. 6344 by the
U.S. Energy Independence and Security Act
of 2007

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DOCKET NO. 08-999-05
NOTICE OF WORKSHOP ON
SMART GRID

ISSUED: April 16, 2009

By The Commission:

Notice is hereby given that a **Workshop** will be held in the above-entitled matter on **Wednesday, May 13, 2009, from 9:00 a.m. to 4:30 p.m.** with the Commission in **Room 401** on the Fourth Floor of the Heber M. Wells Building, 160 East 300 South, Salt Lake City, Utah. The purpose of the Workshop is to create a uniform knowledge base and basic understanding of Smart Grid as necessary for considering whether the Commission should adopt the Smart Grid and Smart Grid Information Standards of the Public Utilities Regulatory Policy Act ("PURPA") as modified by the 2007 U.S. Energy Independence and Security Act. The focus of the workshop will be informational presentations with time for questions and answers. An agenda for the technical conference is attached as Appendix A.

Individuals wishing to participate by telephone should contact the Commission at (801) 530-6716 or toll-free 1-866-PSC-UTAH (1-866-772-8824) at least two days prior to the Workshop to make arrangements. Participants attending by telephone should then call the Public Service Commission five minutes prior to the beginning of the Conference to ensure participation.

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In compliance with the Americans with Disabilities Act, individuals needing special accommodations (including auxiliary communicative aids and services) during the Workshop should notify the Commission, at 160 East 300 South, Salt Lake City, Utah, 84111, (801) 530-6716, at least three working days prior to the Conference.

DATED at Salt Lake City, Utah, this 16th day of April, 2009.

/s/ Julie Orchard
Commission Secretary
G#61660

Appendix A

AGENDA

Utah Public Service Commission Workshop on **Smart Grid**
May 13, 2009, from 9:00 a.m. to 4:30 p.m.,
Room 401 of the Heber M. Wells Building

Purpose and Scope of Workshop:

- To create a uniform knowledge base and basic understanding of Smart Grid to be used in evaluating the PURPA Smart Grid and Smart Grid Information Standards as required by the 2007 Energy Independence and Security Act.
- The focus of the workshop will be informational presentations with time for questions and answers.

9 a.m. – 9:15 a.m.

- Introductions and opening remarks – *Wayne Shirley, Regulatory Assistance Project*

9:15 a.m. – 10 a.m.

- What is Smart Grid and what does it do? – *Rob Pratt, Pacific Northwest National Laboratory*
 - For loads, generation, and distribution and transmission systems
 - Implications for integration of renewable and customer-sited resources
 - Potential staging of technologies and applications

10 a.m. – noon (with a break from 11 a.m. to 11:15 a.m.)

- Evaluation framework, interoperability, future proofing, cyber-security and other challenges – *Roger Levy, Smart Grid Technical Advisory Services Project, Lawrence Berkeley National Laboratory*

Lunch

1:15 p.m. – 2:45 p.m.

- Smart Grid projects and state activities
 - Tour of Smart Grid projects in the U.S. and abroad – *Lisa Schwartz, Regulatory Assistance Project*
 - Smart Grid City project in Boulder, Colorado – *Ethnie Groves, Xcel Energy*
 - Consideration of Smart Grid and advanced metering by state regulatory commissions: Issues, approaches and resolutions – *Regulatory Assistance Project*

Break

3 p.m. – 4:15 p.m.

- Determination of the EISA 2007 Smart Grid Standards in Utah – *Stakeholder discussion facilitated by Wayne Shirley, Regulatory Assistance Project, with speaker response panel*
 - Overall considerations
 - Commission’s goals and objectives
 - Information needs
 - Actions in other states served by PacifiCorp
 - Potential federal funding
 - Other considerations
 - Smart Grid Investment Standard
 - Requiring the utility demonstrate it appropriately considered investing in a qualified smart grid system before investing in “nonadvanced grid technologies”
 - Cost recovery for new investments and equipment that will be replaced
 - Smart Grid Information Standard
 - Time-based electricity prices and usage information
 - Power sources and greenhouse gas emissions
 - Options and Ramifications
 - Adopt the Standards as is
 - Decline to adopt the Standards (rely on Company decisions and address prudence of investments in rate cases)
 - Adopt modified standards
 - Maintain fundamental concepts but modify language
 - Require PacifiCorp to file by a date certain a study on technology readiness and costs/benefits
 - Develop a technology plan to meet the Commission’s goals
 - Establish a Smart Grid pilot in Utah
 - Pilot dynamic pricing for mass market in Utah
 - Implement bridging strategies (e.g., do more DSM, add Smart Grid components that don’t require smart metering infrastructure) until other pilots are further along
 - Other suggestions

4:15 p.m. – 4:30 p.m.

- Next steps – *Wayne Shirley, Regulatory Assistance Project*