Announcing two PSERC Public Webinars as part of the PSERC Future Grid Initiative

The Information Hierarchy for the Future Grid: Conclusions and Research Directions
Tuesday, November 6, 2-3pm ET (11am - noon PT)

Peter Sauer
Professor, Department of Electrical and Computer Engineering
University of Illinois at Urbana-Champaign

Grid Enablers of Sustainable Energy Systems: Conclusions and Research Directions
Tuesday, November 27, 2-3pm ET (11am - noon PT)

Jim McCalley
Professor, Department of Electrical and Computer Engineering
Iowa State University

Description

The effective transformation of the grid requires decisions based on identification and solution of major operating, planning, workforce, economic and public policy challenges. PSERC is conducting the DOE-funded project entitled “The Future Grid to Enable Sustainable Energy Systems.” As part of this Future Grid Initiative, in the Spring of 2012, a collection of white papers were written and webinars were presented on these broad topics:

1. The Information Hierarchy for the Future Grid
   - Information and Computation Hierarchy for the Future Grid
   - Networked Information Gathering and Fusion for PMU Measurements
   - Cyber-Physical Systems Security for the Smart Grid
   - Communication Needs and Integration Options for AMI in the Smart Grid

2. Grid Enablers of Sustainable Energy Systems
   - Primary and Secondary Control for High Renewable Penetrations
   - Toward Standards for Dynamics in Electric Energy Systems
   - Future Grid: The Environment
   - National Transmission Overlay: Characterization, Benefits & Paths Forward
   - Distributed and Centralized Generation - A Comparison Approach

In the upcoming two webinars, Peter Sauer and Jim McCalley, will summarize the conclusions of those white papers and identify significant future research directions.
Biographies

Jim McCalley serves as the Future Grid Initiative leader of the broad analysis area “Grid Enablers of Sustainable Energy Systems.” He is the Harpole Professor in Electrical Engineering at Iowa State University. His research interests are related to electric power systems engineering, including transmission planning, power system security, power system dynamics, wind energy, and long-term investment planning for energy and transportation systems at the national level. He is a professional engineer in California and a Fellow of IEEE. Contact email: jdm@iastate.edu

Peter Sauer serves as the Future Grid Initiative leader of the broad analysis area “Information Hierarchy for the Future Grid.” He is the Grainger Chair in Electrical Engineering at the University of Illinois at Urbana-Champaign. His research interests include power system stability; power system dynamic modeling and simulation; and electric machinery modeling, analysis and control. He was a cofounder of PowerWorld Corporation, and is the PSERC site director at his university. He served as a design engineer in the U.S. Air Force and as a program director for power systems at NSF. He is a professional engineer in Virginia and Illinois, a Fellow of IEEE, and a member of the U.S. National Academy of Engineering. Contact email: psauer@illinois.edu

Registration for Webinar Participation: None required. There is no charge for participating!

Participation by Webinar: There are several options for participating.

- Recommended option: We will be using the Adobe Connect 8 webinar platform. You will be able to watch the presentation slides on your computer from the designated site http://asu.adobeconnect.com/pserc/ and listen to the webinar through your computer’s speakers or headphones. Click here for the connection details and instructions for testing your connection. If you cannot hear the presenter, check to make sure your speaker is not muted in Adobe Connect.

- You can also listen to the audio over the public phone bridge at 712-432-0800 (passcode: 937250#). Be sure to mute your phone (press *6) so sounds in your room do not go out to the phone bridge with other listeners. Should you not be able to connect to the webinar, you can also download the slides from the PSERC website and listen to the audio over the phone. The audio over the phone bridge is from the webinar platform.

- You can watch the archived webinar at a different time by clicking here and then on the link for this webinar. Note: This is also another way to watch the webinar in real-time.

Asking Questions During the Webinar: To ask questions during the webinar, you will need to be using the Adobe Connect webinar platform. Just enter your question into the Q&A text box.

Professional Development Hour Certification: PDH certification is available for PSERC members (only). Send an email requesting PDH certification to pserc@asu.edu with the subject “PDH” after the seminar. Include the name and title of each participant.

Assistance: If you have any questions, please call 480-965-1643 or email pserc@asu.edu.

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Ward welcomes feedback on the webinars and suggestions for future ones.