



Power Systems Engineering Research Center

Future Grid: The Environment

Ward Jewell

Professor, Electrical and Computer Engineering
Wichita State University

PSERC Public Webinar
Tuesday, February 21, 2012
2:00-3:00 p.m. Eastern Time (11:00-12:00 p.m. Pacific)

[Note: a poster on this and other broad analysis white papers are available on the [PSERC website](#). The white paper and slides associated with this webinar will be posted on the PSERC website at www.pserc.org in advance of the webinar.]

Description

The objective of this webinar is to present the significant near- and long-term unresolved environmental issues relevant to the future electric grid and to summarize the technologies that will help resolve them. These issues include greenhouse gas mitigation, climate change adaptation, and availability of water for electric generation. Technologies that may help resolve the critical issues include fuel switching (coal to natural gas), carbon capture and storage, nuclear fission generation, renewable technologies, energy storage, energy efficiency improvements for transmission/distribution systems and end users, and demand response.

This webinar is based on one of nine white papers in the project “The Future Grid to Enable Sustainable Energy Systems: An Initiative of the Power Systems Engineering Research Center” funded by the U.S. Department of Energy. More information about the Future Grid Initiative is available on the [PSERC website](#).

Biography: Ward Jewell is a Professor of Electrical Engineering at Wichita State University, where he is the Site Director for PSERC. His current research interests include advanced energy technologies and climate change as it affects the electric energy system. Dr. Jewell is a fellow of IEEE.

Speaker Contact Information: Ward Jewell, wardj@ieee.org

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

Participation by Webinar: We will be using the Adobe Connect 8 webinar platform for the PSERC webinars during February 2012. You will be watching the presentation slides on your computer from the designated site <http://asu.adobeconnect.com/pserc/> and listening to the webinar through your computer’s speakers or headphones. [Click here](#) for the details and instructions for testing your connection. Access is limited. The webinar will be archived so it can be watched later.

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. You can also contact Dennis Ray, PSERC Deputy Director, at 608-265-3808 or djray@engr.wisc.edu.

PSERC’s Webinar Coordinator

Ward Jewell, Wichita State University

Email: ward.jewell@wichita.edu

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