

SPEAKER SERIES

2013-2014



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Building-to-Grid Integration or *How I Learned to Stop Worrying and Love Transactions*

This presentation will discuss the paradigm shift in future grid integration and management strategies with a focus on the role of the building. In particular, the vision for a fluid, vibrant market that enables energy and service related transactions that maximize profitability, optimize energy usage and increase reliability will be presented. Additionally, the current Sensors and Controls strategy for the Building Technologies Office (BTO) at the Department of Energy (DOE) and BTO's crosscutting buildings-to-grid initiative named "The Transactional Network" will be described.

**October 25, 2013 at 2pm
Nord 310**

Case Western Reserve University
Cleveland, Ohio

George Hernandez

**Pacific Northwest
National Laboratories and
the Department of Energy**



George Hernandez is a senior demand side management professional supporting the Building Technology Office at the Department of Energy. George is a Licensed Professional Engineer (PE) by the State of California and received a BSME from California State University at Los Angeles and an MSME from the University of California at Berkeley.

Currently on detail in DOE's Building Technology Office, George serves as a Senior Technical Advisor and has been co-managing the Building Sensors and Controls program. In this role, he has initiated and overseen successful activities such as the DOE Buildings Performance Database, the High Performance RTU Challenge, OpenEIS and the Energy Information Handbook.

For more information & registration, please go to energy.case.edu