

AIChE-Pittsburgh October Meeting Notice

Tuesday, October 25, 2011

Joint meeting with the ACS-Energy Technology Group (ACS-ETG)

U. S. Department of Energy's Smart Grid Program

Ms. Jacquelyn Bean, U. S. Department of Energy, National Energy Technology Laboratory

The American Recovery and Reinvestment Act (ARRA) of 2009 provided the U.S. Department of Energy with \$4.5 billion to modernize our Nations electric power grid. The two largest program initiatives resulting from ARRA funding are the Smart Grid investment grant program and the Smart Grid demonstration programs. These programs were originally developed under Title XIII of the Energy Independence and Security Act of 2007 and later modified by ARRA. The U.S. Department of Energy's Office of Electricity Delivery and Energy Reliability (OE) is responsible for implementing and managing these 5-year programs (http://www.smartgrid.gov/recovery_act/overview). Smart Grid field projects are deploying AMI, customer systems, distributed energy resources, electric distribution and electric transmission technologies and pricing programs. The energy storage field projects are deploying large-scale batteries for wind integration, flywheel technology for frequency regulation, distributed energy storage for peak shaving and energy management, compressed air energy storage, and emerging storage technologies. This presentation will discuss the technology characteristics and the metrics and benefits associated with the U. S. Department of Energy's Smart Grid program.

Ms. Jacquelyn Bean is employed by the U.S. Department of Energy (DOE) at the National Energy Technology Laboratory. She is currently a DOE Project Manager in the Smart Grid Investment Grant (SGIG) and Renewable and Distributed Systems Integration (RDSI) programs, and oversees metrics and benefits reporting and data analysis for the Smart Grid Demonstration (SGDP) and RDSI programs. She previously worked in the Energy Practice at Navigant Consulting and graduated from the Claremont Colleges.

***Location: Spaghetti Warehouse, 26th & Smallman Streets, Strip District, Pittsburgh PA
Free parking behind the restaurant. Tuesday, October, 25, 2011, Social Hour 6:00 pm, Dinner 6:30 pm,
Talk 7:30 pm.***

For reservations, please contact Frank Sommerfield, Vice-Chair, AIChE-Pittsburgh Section, by Monday, October 24, 2011 at 412-809-5663 or by E-mail at fsommerfield@chesterengineers.com. Our meetings are open to all.

The cost of the dinner is \$16 including tax and gratuity. Please specify your preference: spaghetti with meatballs, 15-layer lasagna, four-cheese manicotti, fettuccini alfredo, or grilled chicken Caesar salad. Also, please indicate special needs such as vegetarian, gluten-free, etc.