

Fall 2010 Meeting

A World-Class University-Industry Consortium for Wind Energy Research, Education, and Workforce Development

September 30, 2010
McCormick Tribune Campus Center Ballroom, Illinois Institute of Technology
3201 S. State Street, Chicago, IL
http://www.iit.edu/about/directions_main_campus.shtml

Illinois Institute of Technology was awarded an \$8M grant from the U.S. Department of Energy to establish a University-Industry Consortium for Wind Energy Research, Education, and Workforce Development. http://www.iit.edu/departments/pr/mediaroom/article_viewer_db.php?articleID=396. On September 30, 2010, IIT's Center for Electricity Innovation and Wanger Institute for Sustainable Energy Research (WISER) are hosting the Fall 2010 meeting of the Consortium members on IIT's main campus in Chicago. The schedule for the day is as follows:

8:00-8:30 am	Registration and Introduction
8:30-10:45	Discussion on implementation of the DOE-funded Wind Consortium project
10:45-12:00	Tour of the DOE-funded projects at IIT
12:00-1:00 pm	Lunch
1:00-3:00	Symposium on Future of Wind Power Event
3:00-4:00	Reception

MORNING SESSION

The morning session will include presentations by consortium members and discussions of ongoing tasks. The discussions will be followed up by a tour of the DOE-funded projects at IIT.

Presentations (8:30-10:15 am)

Mohammad Shahidehpour, IIT
Frank Bristol, Acciona
Jim Gagnard, SmartSignal
Alan Cain, Innovation Technology Applications, and Ganesh Raman, IIT
Greg Rouse and John Kelly, Intelligent Power Solutions
Alireza Khaligh, IIT
Richard Gowen, Dakota Power
Zuyi Li, IIT
John Birge, University of Chicago

Discussion (10:15-10:45 am)

All Consortium members

Tour of the IIT Projects (10:45-12:00 noon)

- **Wind Turbine Installations.** The wind energy consortium tasks include the installation of two 8-kW wind units at IIT for research and education. The first unit already installed in one of the laboratories at IIT will be demonstrated as part of the campus tour.
- **Perfect Power Smart Microgrid.** IIT has been working on a DOE-funded perfect power project since 2008. The project is converting IIT to a microgrid for enhancing reliability, sustainability, and efficiency of its electricity grid. A tabletop model of the campus buildings is developed and a demonstration of the perfect power concept will be presented to the consortium members and guests.

Lunch (12:00 noon-1:00 pm) at McCormick Tribune Campus Center

AFTERNOON SESSION

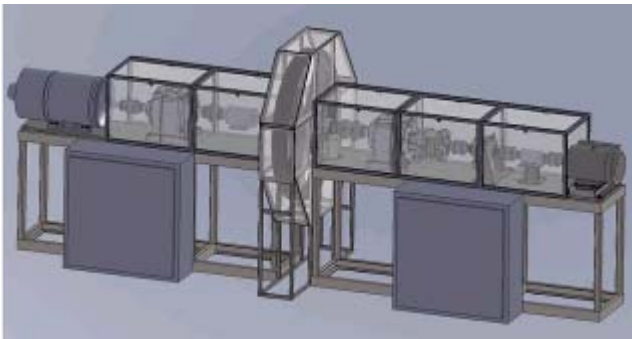
Symposium on Future of Wind Power (1:00-3:00 pm)

The symposium will bring industry and government leaders together to discuss breakthrough technologies, innovations, and implementation developments in the industry. The state of the Wind Energy industry in the United States is facing numerous challenges, from wildlife and zoning concerns to the deficiencies of our nation's electric transmission grid. Yet, the industry is also being presented with new opportunities, from the country's first offshore wind farms, to new smart grid technologies that allow better integration of intermittent power into the grid.

Symposium Speakers:

- Brian Connor – U.S. Department of Energy
- Sonny Garg – President, Exelon Power & Senior Vice President, Exelon Generation
- Michael Polsky – President/CEO, Invenergy
- Paul McCoy – President, Trans-Elect
- Kurt Yeager – Former President, EPRI / Executive Director, Galvin Electricity Initiative
- Joshua Milberg - First Deputy Commissioner, City of Chicago Department of Environment

Reception (3:00-4:00 pm)



Stuart Field Looking West

