



EUCI presents its 3rd conference on:

MIDWESTERN TRANSMISSION: CONNECTING RENEWABLE ENERGY TO THE GRID

February 27-28, 2012 • Hilton Suites - Magnificent Mile • Chicago, IL

SPEAKERS

Commissioner John Norris, Federal Energy Regulatory Commission
Commissioner David Boyd, Minnesota Public Utilities Commission (invited)
Commissioner Jeff Davis, Missouri Public Service Commission
Eric Lavery, Midwest ISO
David Kelley, Southwest Power Pool
Tom Kay, ComEd
Jake Langthorn, Oklahoma Gas & Electric Co.
Antonio Smyth, AEP
Sean Brady, Wind on the Wires
Gordon Ferguson, Ecology and Environment
Terry Grove, CAPX2020
James J. Hoecker, WIRES



EUCI is authorized by IACET to offer 0.9 CEUs for this program.

OVERVIEW

The midwestern United States has the potential to supply a large amount of wind energy to customers in the Midwest and neighboring regions. The Midwest also has a congested transmission grid in need of updates and additional capacity. New renewable-energy projects and the transmission needed to connect them are proposed at a furious pace. However, these projects struggle with planning, siting, and market-structure issues. This EUCI conference will discuss opportunities and obstacles and highlight working solutions to address how these ends will meet.

LEARNING OUTCOMES

- Review federal and regional policies affecting wind energy and transmission development
- Discuss how state regulators balance planning and priorities for the transmission build-out in the Midwest
- Examine how leading utilities are managing the integration of renewable energy
- Review the effort to restructure the interconnection queue in MISO
- Analyze SPP policy to manage escalating transmission project costs
- Examine Lessons learned through the permitting and siting process for CAPX2020 projects
- Identify strategies to ease environmental review processes for new transmission projects
- Discuss major joint ventures and how they are influencing the transmission build-out in the Midwest

WHO SHOULD ATTEND

- Transmission owners, operators, and planners from the midwestern U.S. and central Canada
- Regulatory affairs professionals
- Renewable-energy project managers and developers
- Independent System Operator/Regional Transmission Organization staff

IACET



EUCI has been approved as an

Authorized Provider by the International Association for Continuing Education and Training (IACET), 1760 Old Meadow Road, Suite 500, McLean, VA 22102. In obtaining this approval, EUCI has demonstrated that it complies with the ANSI/IACET Standards, which are widely recognized as standards of good practice internationally.

As a result of its Authorized Provider membership status, EUCI is authorized to offer IACET CEUs for its programs that qualify under the ANSI/IACET Standards.

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Requirements for Successful Completion of Program

Participants must sign in/out each day and be in attendance for the entirety of the conference to be eligible for continuing education credit.

Instructional Methods

Case studies, PowerPoint presentations, and panel discussions will be used in this conference.

PROGRAM AGENDA

MONDAY, FEBRUARY 27, 2012

- 8:00 – 8:30 a.m. Registration and Continental Breakfast**
- 8:30 – 9:15 a.m. Transmission Policy Update**
Many things are occurring on the federal level, with FERC Order No. 1000 taking center stage. This presentation will be an overview of policies and mandates that will have an impact on transmission expansion.
– James J. Hoecker, Counsel and Advisor to WIRES // Senior Counsel, Husch Blackwell Sanders LLP // Principal, Hoecker Energy Law & Policy PLLC
- 9:15 – 10:00 a.m. Wind Policy Update**
Much of the transmission expansion in the Midwest is being planned to accommodate wind energy. Changes in federal and regional policies could have a significant bearing on this wind-rich region and the transmission planned to support it.
– Sean Brady, Regional Policy Manager, Wind on the Wires
- 10:00 – 10:30 a.m. Networking Break**
- 10:30 a.m. – 12:00 p.m. Panel Discussion: State Regulatory Perspective**
State regulators will share their views on balancing priorities, the role of stake holder involvement, how different states are looking at the challenges and opportunities involved to include collaboration – and maybe even competition – between states, and FERC jurisdiction and local vs. regional planning.
– Commissioner Jeff Davis, Missouri Public Service Commission
– Commissioner David Boyd, Minnesota Public Utilities Commission (invited)
- 12:00 – 1:00 p.m. Group Luncheon**
- 1:00 – 1:45 p.m. Oklahoma Gas & Electric Case Study: Transmission Policy and Wind Integration in the SPP**
Mr. Langthorn will discuss how OG&E is planning for the large amount of wind energy coming online to include the high density of wind farms in the western SPP that will lead to super-sized switching stations. In addition, OG&E will share how it is managing the impact of transmission lines on the landscape that will be as large as the impact of the wind farms themselves.
– Jake Langthorn, Tariff Coordinator Transmission, Oklahoma Gas & Electric Co.
- 1:45 – 2:30 p.m. ComEd Case Study: Lessons Learned in Renewable Energy Integration**
ComEd has worked through several challenges to integrate more wind into its system. Included in the discussion will be managing the PJM generation queue, understanding the time lag for new transmission, dealing with the variability of both renewable generation and transmission congestion, ensuring reactive/voltage support, and using simulation models.
– Tom Kay, Manager, Interconnections & System Studies, ComEd
- 2:30 – 3:00 p.m. Networking Break**
- 3:00 – 3:45 p.m. Restructuring the Interconnection Queue in MISO**
The Midwest ISO has been inundated with interconnection requests from wind generators. MISO is currently restructuring the process, and this presentation will provide an update of those efforts.
– Eric Laverty, Director, Transmission Access Planning, Midwest ISO
- 3:45 – 4:30 p.m. Transmission Project Cost Control in SPP**
– David Kelley, Senior Engineer and Manager of Inter-Regional Planning, Southwest Power Pool
- 4:30 – 5:30 p.m. Networking Reception**

PROGRAM AGENDA

TUESDAY, FEBRUARY 28, 2012

8:00 – 8:30 a.m. **Continental Breakfast**

8:30 – 9:30 a.m. **CAPX2020: Experiences from the Field**

Several of the CAPX2020 projects are moving forward through the permitting and siting phases. This presentation will share lessons learned through these complicated, cumbersome, and sometimes painful processes.

– *Terry Grove, Executive Director, CAPX2020*

9:30 – 10:15 a.m. **Best Practices for Navigating Environmental Processes**

– *Gordon Ferguson, Senior Project Manager, Ecology and Environment*

10:15 – 10:45 a.m. **Networking Break**

10:45 – 11:45 a.m. **Innovative Projects from Electric Transmission America**

Electric Transmission America is a joint venture between American Electric Power and a MidAmerican Energy Holdings Company subsidiary to build and own electric transmission assets. The joint venture is a 50-50 partnership to identify and invest in high-voltage transmission projects. This presentation will cover project structure and scope for:

- Prairie Wind Transmission
- Tallgrass Transmission
- 765kV lines from Indiana/Ohio to Iowa

– *Antonio Smyth, Director, Transmission Business Development, AEP*

12:00 – 1:00 p.m. **Closing Luncheon with Keynote Presentation**

– *Commissioner John Norris, Federal Energy Regulatory Commission*

SPONSORSHIP OPPORTUNITIES

Do you want to drive new business through this event's powerful audience?

Becoming a sponsor or exhibitor is an excellent opportunity to raise your profile before a manageably sized group of executives who make the key purchasing decisions for their businesses. There is a wide range of sponsorship opportunities available that can be customized to fit your budget and marketing objectives, including:

- Platinum, gold, or VIP sponsor
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- Networking break host
- Luncheon host
- Tabletop exhibit
- Breakfast host

Custom sponsorship opportunities are also available. Please contact Andrea Derby at 303-770-8800, ext. 301, or aderby@euci.com for more information.

PROCEEDINGS

A copy of the conference proceedings will be distributed to attendees at the event. If you are unable to attend or would like to purchase additional copies, flash drives are available two weeks after the conference is complete. The cost per flash drive is US \$295 (add US \$50 for international shipments). Flash drives include visual presentations only. Upon receipt of order and payment, the flash drive will be shipped to you via regular USPS mail.

NOTE: All presentation flash drive sales are final and are nonrefundable.

EVENT LOCATION

A room block has been reserved at Hilton Suites - Magnificent Mile, 128 East Delaware Place, Chicago, IL 60611, for the nights of February 26-29 and March 1, 2012. Room rates are \$109, plus applicable tax. Call 312-664-1100 for reservations and mention the EUCI course to get the group rate. The cut-off date to receive the group rate is February 4, 2012, but as there are a limited number of rooms available at this rate, sometimes the room block will close sooner. **Please make your reservations early.**

REGISTRATION INFORMATION

REMEMBER: EVERY FOURTH REGISTRANT IS FREE

For instant registration, call (201) 871-0474 or fax the registration form to (253) 663-7224.

Register Three; Send Fourth Free!

Any organization wishing to send multiple attendees to this course may send one FREE for every three delegates registered. Please note that all registrations must be made at the same time to qualify.

All cancellations received on or before January 27, 2012, will be subject to a US \$195 processing fee. Written cancellations received after this date will create a credit of the tuition (less processing fee) good toward any other EUCI event or publication. This credit will be good for six months. In case of event cancellation, Electric Utility Consultants' liability is limited to refund of the event registration fee only. For more information regarding administrative policies such as complaints and refunds, please contact our offices at (201) 871-0474.

FIVE EASY WAYS TO REGISTER	
One: CALL (201) 871-0474	Two: FAX (253) 663-7224
THREE: E-MAIL register@pmaconference.com	FOUR: MAIL PMA P.O. Box 2303 Falls Church, VA 22042
Five: WEB SITE www.pmaconference.com	

PLEASE REGISTER THE FOLLOWING

- 3rd Annual Midwestern Transmission Conference
February 27-28, 2012: US \$1495
Early bird on or before February 17, 2012: US \$1295
- I'm sorry I cannot attend, but please send me the conference proceedings for \$295.
(Please add \$50 for international shipping.)

ENERGIZE WEEKLY

EUCI's *Energize Weekly* e-mail newsletter compiles and reports on the latest news and trends in the energy industry. Newsletter recipients also receive a different, complimentary conference presentation every week on a relevant industry topic. The presentations are selected from a massive library of more than 1,000 current presentations that EUCI has gathered during its 25 years organizing conferences.

Sign me up for *Energize Weekly*

How did you hear about this event? (direct e-mail, colleague, speaker(s), etc.) _____

Name _____ Job Title _____

Name Preferred for Badge _____ E-Mail _____

Company _____ Telephone _____

Address _____ City _____ State _____ Zip _____

Check here if you have any dietary or accessibility needs. We will contact you for more details.

PAYMENT METHOD Please make checks payable to "PMA"

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Visa and MC cards have a 3 digit code on the signature panel on the back of the card, following the account number. American Express cards have a 4 digit code on the front of the card, above the card number.

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OR enclosed is a check for \$ _____ to cover _____ registrations.