

# Event Notice

## WIRES University Electric Transmission – The Survey Course

Tuesday, April 21, 2015

9:00 AM – 3:00 PM

Reserve Officers Association – 5<sup>th</sup> Floor  
One Constitution Ave NE

*Registration is free but space is limited to 150 attendees  
Please note that it is possible to register for only one or two of the three sessions*  
Register at: <http://bit.ly/WIRES-2015>

Live webcast (connection permitting) will be streamed at: [www.eesi.org/livecast](http://www.eesi.org/livecast)

This year's WIRES University provides an understanding of the basic operational facts about the high-voltage grid (including a basic understanding of how it is regulated and by whom), the technologies that animate it, and the major policies and economic realities that drive it.

The speakers will be leaders from Congress and regulatory agencies, the industry, and think tanks. WIRES – The Survey Course will focus on some current controversies involving grid cybersecurity and the impacts that EPA's Clean Power Plan could have on the electric system.

In six short hours, the objective is for attendees to have an understanding of why transmission infrastructure is critical to the economic life of the United States as well as what challenges need to be overcome by current efforts to expand or upgrade the transmission system.

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|-----------------|-------------------|---|
| <b>9:00 AM</b>  | <b>– 11:45 AM</b> | <ul style="list-style-type: none"><li>• <b>Transmission Fundamentals</b></li><li>• <b>Drivers of Transmission Investment</b></li></ul>  |
| <b>11:45 AM</b> | <b>– 12:45 PM</b> | <ul style="list-style-type: none"><li>• <b>Keynote &amp; Lunch (complimentary lunch provided)</b><br/><b>Senator Martin Heinrich (NM)</b><br/><b>Representative Jerry McNerney (CA)</b></li></ul> |
| <b>12:45 PM</b> | <b>– 3:00 PM</b>  | <ul style="list-style-type: none"><li>• <b>Current Hot Issues</b></li><li>• <b>Transmission Futurecast – Executive roundtable</b></li></ul>   |

See [www.eesi.org/wires2015](http://www.eesi.org/wires2015) for full agenda.

*This event is sponsored by **WIRES** in conjunction with the **House Grid Innovation Caucus**, the **Midwest Governors Association**, the **National Electrical Manufacturers Association (NEMA)** and **EESI**.*

**This event is free and open to the public, but space is limited to 150 attendees.  
For more information, contact Amaury Laporte at [alaporte@eesi.org](mailto:alaporte@eesi.org) or (202) 662-1884.**





## WIRES UNIVERSITY

# “ELECTRIC TRANSMISSION—The Survey Course”

Sponsored by WIRES

In conjunction with the House Grid Innovation Caucus, the Midwest Governors Association, the National Electric Manufacturers Association, and the Environmental & Energy Study Institute

### RESERVE OFFICERS ASSOCIATION

“TOP OF THE HILL”

ONE CONSTITUTION AVENUE, N.E.

WASHINGTON, D.C.

(Just east of the U.S. Capitol)

April 21, 2015

## Morning Session-

9:00 a.m.

### *Transmission 101: The Fundamentals Of High Voltage Transmission*

#### ❖ How the Grid Works: Technology & Operations

- Don Morrow, Sr. V. P. Corporate Strategy, Quanta Technology
- Adriann McCoy, T&D Market Strategy Manager, Burns & McDonnell

#### ❖ Who Plans & Regulates The Grid – Law, Policy Making, and Procedure

- Amy Stein, Assoc. Professor of Law, University of Florida School of Law
- David Morenoff, General Counsel, Federal Energy Regulatory Commission
- Randall Satterfield, Exec. V. P. Strategic Planning & Project Development, American Transmission Co.
- Pauline Foley, Assistant General Counsel, PJM Interconnection

(Break)

### *Drivers of Transmission Investment*

11:00 a.m. Current Challenges –Thinking About the Grid as a Strategic Asset

#### ❖ Transmission Investment as Market Enabler

- Hannes Pfeifenberger/Judy Chang, The Brattle Group – On Transmission Benefits

❖ **Transmission as a Technology Partner**

- **Julia Frayer**, London Economics Int'l –Transmission and Other Resources and Technologies (Distributed Generation, Demand Response, Energy Efficiency, & Storage)

**11:45 a.m. Lunchtime Talks** (*Complimentary Lunch Provided*)

- ❖ **Senator Martin Heinrich** (NM) – Member, Energy & Natural Resources Committee
- ❖ **Representative Jerry McNerney** (CA) – Co-Founder, Grid Innovation Caucus, Member, House Committee on Energy & Commerce

**Afternoon Session-**

**Major Issues and Challenges**

**12:45 p.m. Current Hot Topics**

❖ **Cyber Security Challenges / Physical Threats**

- **Hon. Caitlin Durkovich**, Assistant Secretary, Infrastructure Protection, Department of Homeland Security
- **Joe Doetzl**, Chief Information Security Officer & Head of Cyber Security for Enterprise Software, ABB

❖ **Transmission Infrastructure & EPA's Clean Power Plan**

- **Steven Fine**, Vice President, ICF International
- **Carl Monroe**, Executive Vice President & Chief Operating Officer, Southwest Power Pool

**1:45 p.m. Transmission Grid Futurecast: Executive Roundtable**

- **Hon. Phillip Moeller**, FERC Commissioner
- **Wade Smith**, President and COO, American Electric Power Texas
- **Greg Lemler**, Vice President, Transmission Operations, Pacific Gas & Electric
- **Michael Skelly**, Founder & President, Clean Line Energy Partners

**3:00 p.m. Wrap-Up**

**Free of charge**  
**Attendees are invited to donate \$30 (cash or check) at the door to**  
**Salvation Army Washington Area Fuel Fund**

**REGISTRATION:**

<https://www.eventbrite.com/e/wires-university-electric-transmission-the-survey-course-tickets-15787458714>