



TRANSMISSION SUMMIT 2009

March 11-13, 2009 | Almas Temple Club | Washington, DC

Transmission Summit:
The Next Phase in the Great Build-out
March 12-13, 2009

March 12, 2009

- 8:00-9:00 Registration and Morning Networking Breakfast
- 9:00-9:00 Administrative Announcements and Opening Remarks by the Summit Chair:
Laurie Oppel, *Managing Director*, NAVIGANT CONSULTING

The Next Phase in Building Transmission

- 9:00-10:15 **Financing and Approval of Multi-partner/Multijurisdictional Transmission Projects**
In many parts of the country, to meet market or reliability needs necessitates that transmission be built across state lines, and hence often must involve multiple partners in projects. The difficulties in surmounting the permitting and economic hurdles in these developments are further complicated when the development is planned in an area where there is no ISO or regional planning entity. This panel will discuss how these situations might best be handled.

Moderator

William Conway, *Partner, Energy Regulation and Litigation; Energy Project Finance and Development*, SKADDEN, ARPS, SLATE, MEAGHER & FLOM LLP

Panelists

Gregory Ioanidis, *Vice President, Business Strategy*, ITC HOLDINGS CORP.

Andrew Lucero, *Vision Team and Management Committee Member*, CAPX2020

Robert Mitchell, *CEO*, TRANS-ELECT DEVELOPMENT CO. , LLC

Charles Reinhold, *Project Manager*, WESTCONNECT



10:15-10:45 Morning refreshment & networking break:

10:45-Noon **What Will the Fallout Be on Transmission Projects from Financial Market Calamities?**

The end of 2008 saw financial market upheaval reach levels unheard of in over 50 years, including the tightening of credit to an unheard of level. When will credit again become available, and on what terms? How will this likely affect funding for transmission and other infrastructure projects? This panel will examine the state of financial markets, and explore strategies to deal with the credit crunch.

Moderator

Jeffrey Christie, *Partner, Project Finance, Energy and Infrastructure Development*, SKADDEN, ARPS, SLATE, MEAGHER & FLOM LLP

Panelists

John Clapp, *Managing Director*, CITI MARKET & BANKING

John Cogan, *Director, Investment Banking*, CREDIT SUISSE SECURITIES (USA) LLC

Jovan Vojvodic, *Managing Director*, MORGAN STANLEY



Noon-1:30 Group Luncheon sponsored by

1:30-2:45 **Implications of Smart Grid Technology for Transmission**

Smart Grid technology, a key enabler for a more reliable, versatile electric system, has been primarily associated with the distribution end of the system. However, many smart grid technologies must be integrated with transmission systems at the substation level, and more importantly, many of the capabilities of an intelligent grid will have impacts on transmission operations. This panel will discuss the implications of smart grid technology on transmission.

Moderator

Jim Murray, *Partner*, SCOTTMADDEN, INC.

Panelists

John McDonald, P.E., *General Manager, Marketing*, GE ENERGY T&D

Robert Moisan, *COO*, THE GLARUS GROUP

Chuck Newton, *President*, NEWTON-EVANS RESEARCH COMPANY, INC.

Michael Oster, *CEO*, GRID STORAGE TECHNOLOGIES

2:45-3:15 Afternoon refreshment & networking break sponsored by



3:15-4:15 **Implementing Rule 890 – Implications for Transmission Planning**
In an era where the importance of regional energy markets in resolving both economic and reliability issues is increasing, the planning process has become ever more important. In an effort to spur more consideration of regional issues in transmission planning, FERC’s Order No. 890 established a requirement for regional reliability planning. However, this has in many cases proved difficult to implement, particularly in the Southeast and to a lesser extent in the Northwest. This panel will present their viewpoints on the progress made to date, and how to best resolve the uncertainties in the planning process.

Moderator

Celia David, *Director*, NAVIGANT CONSULTING, INC.

Panelists

Henry Chao, *Vice President, System and Resource Planning*, NEW YORK INDEPENDENT SYSTEM OPERATOR

David Till, *Senior Manager, Transmission Planning*, TENNESSEE VALLEY AUTHORITY

Keith Tynes, *Manager, Planning*, SOUTHWEST POWER POOL LLC

Keith Yocum, *Manager, Transmission Strategy & Planning*, E.ON U.S.

4:15-5:30 **Resource Planning for a Large-Scale Transmission Project—Meeting the Challenges of Transmission Line Construction**

As numerous transmission projects advance, the focus is shifting from siting and permitting to the engineering and construction of these massive projects. Potential shortages of skilled labor, raw materials and equipment loom, especially for large projects that cross state lines. This panel will discuss how to plan the necessary resources for construction of transmission facilities so that schedules and cost expectations are met. Panelists will focus on their experiences obtaining and managing construction labor, raw materials and equipment.

Questions to be answered include:

- How are utilities planning internal and external resources for large projects?
- How are contractors working with utilities to address potential areas of shortage?

- What are some of the lessons learned of the projects recently completed?
- What should utilities know about the materials and labor markets as they enter into EPC contracts?
- What is the best way to manage the cost of these large projects in this environment?
- How will the current credit situation impact resource planning for these projects?

Moderator

Cristin Lyons, *Partner*, SCOTTMADDEN, INC.

Panelists

Wayne Dwyer, *Vice President, Power Division*, MICHELS CORPORATION


James Haney, *Vice President, Transmission*, ALLEGHENY POWER

Jon Jipping, *Executive Vice President & COO*, ITC Holdings Corp.

Thomas McShane, *President & CEO*, AIR2

Jim Ruddy, *Vice President-Utility Steel*, VALMONT NEWMARK

5:30-5:45 Closing Remarks by the Transmission Summit Chair

5:45-7:00 Cocktail reception sponsored by 

March 13, 2009

8:00-9:00 Registration and Morning Networking Breakfast sponsored by:



The Next Phase—Developing Transmission to Support Alternative Energy
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9:00-10:15 **Impacts of Renewables, DR and Energy Efficiency on Transmission System Requirements and Operations**
Renewable energy is pushing forward, and Demand Response and Energy Efficiency programs are making a comeback. However, these developments have the potential to stress the grid in many ways. How will operations be affected, and what technologies may be needed to deal with these impacts? This panel will examine the potential impacts of renewables, DR and energy efficiency on transmission, and how these impacts might be answered.

Moderator

Steve Balsler, Ph.D., *Director, Power Deliver Consulting*, BLACK & VEATCH, ENTERPRISE MANAGEMENT SOLUTIONS

Panelists

Diane Barney, *Utility Supervisor, Office of Electricity, Gas & Water, and Chair, NARUC Electric Reliability Staff Subcommittee*, NEW YORK STATE DEPARTMENT OF PUBLIC SERVICE

Rob Gramlich, *Policy Director*, AMERICAN WIND ENERGY ASSOCIATION

Jameson Smith, *Resource Forecasting Technical Manager, Transmission Asset Management*, MIDWEST ISO

Robert Tucker, *Power Systems Planner, Generation Interconnection Planning Group*, SOUTHERN CALIFORNIA EDISON

10:15-10:45 Morning refreshment & networking break

10:45-Noon **Queue Reform, Renewable Energy and Transmission Interconnection**
A major issue being addressed at FERC with direct impacts on interconnecting renewable energy projects is queue reform. RTOs and ISOs have been working on plans to adopt more efficient modeling for feasibility and system impact studies, and which could necessitate tariff changes. This panel will discuss how these reforms might affect transmission providers.

Moderator

Peter Lorenz, *Vice President*, QUANTA RENEWABLE ENERGY

Panelists

Bobby Adjemian, *Director, Transmission Services*, FPL ENERGY

Jay Caspary, *Director, Engineering*, SOUTHWEST POWER POOL LLC

John Lawhorn, *Director, Regulatory and Economic Studies*, MIDWEST ISO

Dariush Shirmohammadi, *Chief Consultant*, SHIR POWER ENGINEERING CONSULTANTS, INC.