

TRANSMISSION SUMMIT *West* 2009

September 9-11, 2009

Transmission Summit West: *The Next Phase in the Great Build-out* September 9-11, 2009

September 10, 2009

7:00-8:00 Registration and Morning Networking Breakfast sponsored by:



8:00-8:15 Opening Remarks by the Summit Chair
Cristin Lyons, *Partner*, SCOTTMADDEN, INC.

Siting and Permitting Transmission Projects

8:15-9:15 **Planning, Financing and Approval of Multi-partner/Multi-jurisdictional 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:

Robert Henke, *Senior Vice President*, ICF INTERNATIONAL

Panelists:

Rob Cleveland, *Principal Consultant*, VENTYX, INC.

Tim Mason, *Renewable Energy Project Manager*, BLACK & VEATCH

Steve Metague, *Senior Director, Electric Transmission Rates*, PACIFIC GAS & ELECTRIC

Charles Reinhold, *Project Manager*, WESTCONNECT

Robert Smith, *Director, Energy Delivery Asset Management and Planning*, ARIZONA PUBLIC SERVICE

9:15-10:15

Siting and Permitting on Government and Tribal Lands

One signal hurdle faced by Western transmission developments is the need to establish right of ways across BLM, Indian and state lands. This task is complicated by a basic contradiction between the Federal Land Policy Act (FLPA), which governs permitting by BLM and USDA, and NERC Reliability mandates regarding separation of transmission corridors. This panel will examine the issues surrounding permitting and siting on government lands, and how the process might play out for current and future projects.

Moderator:

Peter H. Weiner, *Partner*, Paul, Hastings, Janofsky & Walker LLP


Panelists:

Billie Blanchard, *Project Manager*, CALIFORNIA PUBLIC UTILITIES COMMISSION

Walt George, *National Project Manager*, BUREAU OF LAND MANAGEMENT

Colin Cloud Hampson, *Attorney*, SONOSKY, CHAMBERS, SACHSE, ENDRESON & PERRY, LLP

10:15-10:45

Morning refreshment & networking break sponsored by: 

10:45-Noon

Big Western Developments—Driving Factors, Issues and Barriers to Surmount

Numerous large transmission projects have been announced in the West, many of which have been proposed to bring power from renewable assets to load centers. This panel will explore the driving factors and motivations for these projects, the issues and barriers they are encountering, partnering opportunities and impediments, likelihood of commercialization and financing, and the lessons learned to date.

Moderator:

Glenn Berger, *Partner*, SKADDEN, ARPS, SLATE, MEAGHER & FLOM LLP

Presenters:

Linda Brown, *Director – Transmission Planning*, SAN DIEGO GAS & ELECTRIC

David Gates, *Vice President Wholesale Operations*, NORTHWESTERN ENERGY

Mark Milburn, *Director of Project Development*, LS POWER

Robert Smith, *Director, Energy Delivery Asset Management and Planning*, ARIZONA PUBLIC SERVICE

Noon-1:30 Group Luncheon Hosted by: **Thomas & Betts**

The Next Phase in Building Transmission

1:30-2:30 **Capitalizing on Smart Grid and Other Innovative Technologies for Transmission**

Smart Grid technology has a major role in the stimulus package and innovative technology promises to become more important in transmission projects going forward. FERC's Office of Innovation and Technology has been rapidly staffing up in 2009 and promises to deliver on its mission of catapulting the capabilities of the North American grid into the 21st century. This panel will discuss the implications of smart grid, power storage, phasor and other advanced technologies on transmission.

Moderator:

Venkat Banunarayanan, Senior Manager, ICF INTERNATIONAL

Panelists:

David Korinek, Senior Principal Consultant, KEMA

Jack McCall, Director, T&D Systems Business Development,
AMERICAN SUPERCONDUCTOR

Robert Moisan, President, THE GLARUS GROUP

Gary Rackliffe, Vice President, Smart Grid Development, ABB POWER
SYSTEMS

Wes Sylvester, Director of Distribution Solutions, SIEMENS ENERGY,
INC.

2:30-3:00 Afternoon refreshment & networking break hosted by 

3:00-4:00 **Financing Transmission Projects**

The end of 2008 saw financial market upheaval reach levels unheard of in over 50 years, including the tightening of credit. The credit markets are slowly thawing, but availability and terms have both tightened. 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 current market.

Moderator:

Jeff Christie, Partner, SKADDEN, ARPS, SLATE, MEAGHER &
FLOM LLP

Panelists:

Alan James, *Senior Managing Director*, MACQUARIE CAPITAL (USA) INC.

Recep Kendircioglu, CFA, *Director, Power & Project Finance Team*, JOHN HANCOCK LIFE INSURANCE COMPANY

Renato Plastina, *Director, Power & Energy Project Finance – North America*, BNP PARIBAS CORPORATE & INVESTMENT BANKING

Jovan Vojvodic, *Managing Director*, MORGAN STANLEY

4:00-5:15

**Meeting the Challenges of Transmission Line Construction—
Resource Planning for a Large-Scale Transmission Project**

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:

Clayton Clem, *Vice President, Electric System Projects*, TENNESSEE VALLEY AUTHORITY

John Fluss, *Group Vice President, Transmission & Distribution*, MYR GROUP

Aubrey Jackson, *Vice President of Sales & Marketing*, THOMAS & BETTS

Thomas McShane, *President & CEO*, AIR2

5:15-5:45 **Managing Risk Associated with Large Scale Transmission Projects – A Case Study Approach**

- Risk assessment and mitigation
- Project management – Focus on execution
- Resource allocation

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

5:45-7:00 Cocktail reception hosted by



September 11, 2009

7:30-8:30 Registration and Morning Networking Breakfast

The Next Phase—Developing Transmission to Support Alternative Energy

8:30-9:45 **Integrating Renewables into Transmission Systems Requirements and Operations**

Renewable energy is pushing forward. However, these developments have the potential to stress the grid in many ways. What impacts are renewables having on operations, and how might these effects change in the future? How should renewables be incorporated in resource planning? This panel will examine what needs to be incorporated in planning and operations going forward.

Moderator:

Dave Adams, *Director*, SCOTTMADDEN, INC.

Panelists:

Jon Fischer, *Managing Director*, IBERDROLA RENEWABLES

Michael Goggin, *Electric Industry Analyst*, AMERICAN WIND
ENERGY ASSOCIATION

Terry Harvill, Ph.D., *Vice President, Energy Policy*, ITC HOLDINGS
CORP.

Gary Tarplee, *Managing Director, Transmission*, EDISON MISSION
ENERGY

9:45-10:00 Morning refreshment & networking break

10:00-11:15 **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:

Bob Stevens, *Managing Associate*, SCOTTMADDEN, INC.

Panelists:

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

Anne Gillette, *Renewable Policy Analyst*, CALIFORNIA PUBLIC UTILITIES COMMISSION

Stan Gray, *Senior Transmission Developer*, PATTERN ENERGY GROUP

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

Jerry Vaninetti, *Vice President, Western Development*, TRANS-ELECT DEVELOPMENT COMPANY, LLC

11:15 *Summit Adjourns*