



# 2010 Transmission Planning & Development Forum

Federal & State Policy, Siting, and Optimizing Capital  
September 15-16, 2010 — The L'Enfant Plaza Hotel - Washington, D.C.

## DAY 1: Wednesday, September 15, 2010

7:15 Conference Registration and Continental Breakfast



THE LOUIS BERGER GROUP, INC.

Hosted by:

8:15 Chair's Welcome and Opening Remarks

Clifford "Cliff" S. Sikora, Partner, **Troutman Sanders LLP**

## KEYNOTE

### 8:30 FERC Update on Changes to Transmission Policy

- Timing and impact of pending transmission-related legislation
- Direction of the FERC's role in transmission
- What can be projected for the build-out of a national transmission highway?
- FERC's role in cost allocation
- Incentive rates of return on equity for new investment by public utilities (both traditional utilities and stand-alone transmission companies)
- Having a federal standard for siting

*Marc Spitzer, Commissioner, Federal Energy Regulatory Commission*

## CASE STUDY

### 9:15 Trans-Allegheny Interstate Line (TrAIL) Challenges and How they Were Overcome

- Siting and gaining approvals across 3 states
- Permitting challenges
- Routing through open space easements
- Federal agency requirements
- Lessons learned and how that impacts siting future transmission projects

*Jay Ruberto, Director, Transmission Siting, Allegheny Energy*

*John Bailey, Coordinator of Siting and Permitting, Dominion*

*Jack A. Halpern, Director, Transmission Services Division, Louis Berger Group*

10:15 Networking & Refreshment Break



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## PANEL DISCUSSION

### 10:45 **Impacts of Federal Legislation on Transmission**

- How can the enactment of the energy bill Congress is considering impact transmission?
- What role can enhanced FERC authority to site transmission have on transmission investment?
- What effect would a new federal Renewable Electricity Standard have on the construction of EHV transmission?

*Moderator: Bonnie Suchman, Of Counsel, Troutman Sanders LLP*

*Leon Lowery, Professional Member, Senate Energy Committee Staff*

*John Jimison, Senior Counsel, Energy, House Energy and Commerce Committee*

*Terry S. Harvill, Ph.D., Vice President, Energy Policy, ITC Holdings Corp.*

### 12:00 **Networking Luncheon**



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### 1:15 **New and Old Transmission Developers and the Challenges they Face Today**

- Incumbent utilities - Is their traditional role changing? What will the future bring to their ROFR?
- Federal power marketing administrations
  - How does their power of eminent domain affect their role in partnerships with independent transmission companies?
  - How is the Administration's interest in renewable development affecting their mission?
  - How are they integrating variable energy resources?
- Independent transmission companies
  - Why have they increased so rapidly?
  - What role are they playing in the development of renewable energy?
  - What special challenges do they face?
- Consortia projects (IOUs, publicly-owned utilities, and independents)
  - How do utilities with different regulators and different approaches to the electricity market work together to develop coherent cost recovery plans and tariff structures around joint transmission projects?

*Suedeem Kelly, Partner, Patton Boggs LLP*

### 1:45 **How Does Transmission Fall into the DOE Loan Program?**

- How does the loan program work?
- What do you do to qualify?
- How long does it take to get approval?

- How does the DOE work with commercial bank projects?

*John M. Stamos, Loan Guarantee Program Office, U.S. Department of Energy*

## **CASE STUDY**

### **2:30 Financing Alternatives to Fund Transmission Growth**

- Project finance and capital market update — From banks to bonds
- Optimizing the capital structure — Op-co, hold-co, and corporate level financing
- Construction vs. permanent financing considerations
- Unique aspects of transmission financing — Credit issues and development risks
- Benefits of FERC regulated transmission lines
- Contracted merchant line challenges
- Partnerships
- Refinancing TrAIL in the bank and bond market

*Rob Stowe, Managing Director, Barclays Capital*

*Chip Lewis, Director, Barclays Capital*

### **3:15 Networking & Refreshment Break**



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## **CASE STUDY**

### **3:45 Siting Challenges and Solutions to Overcome Them**

- Environmental impact of transmission siting on land, wildlife, and plants
- Disruption of agriculture and wildlife
- Challenges of topology and terrain — Foundation impact, speed of construction, and access restrictions
- Solutions to address these challenges

*Pete Holtz, General Manager, American Transmission Company*

*Jim Palmer, Director, Marketing, Steel Structures Division, Thomas & Betts*

## **CASE STUDY**

### **4:30 High-Voltage Direct Current (HVDC) Transmission Projects**

- Benefits of using HVDC lines
- Finding credit worthy wind developers
- How to receive exclusive support from renewables for a merchant line
- Working with local governments
- Lower losses and create a smaller footprint than traditional AC transmission systems
- Zephyr, Chinook, and Rio Madeira, Plains and Eastern Clean Line, and Rock Island Clean Line projects

*John Dunn, Zephyr and Chinook Project Manager and Director, Power Transmission, TransCanada*

*Javier Ramirez, Chief Executive Officer, Abengoa T&D*

*Jimmy Glotfelty, Executive Vice President, Clean Line Energy Partners*

5:45 **Wine & Cheese Networking Reception**

6:45 *Close of Day One*

**DAY 2: Thursday, September 16, 2010**

8:00 *Continental Breakfast*

8:30 *Chair's Review of Day One*

*Clifford "Cliff" S. Sikora, Partner, Troutman Sanders LLP*

### **PANEL DISCUSSION**

8:45 **Transmission Cost Allocation and Regional Planning**

- How is transmission build to support RPS going to be paid for? Who pays vs. who benefits
- RTO/ISO approaches to overcoming the cost allocation hurdle
- Cost benefits of expanding the foot print and how it is done
- Inter- and intra-regional planning — How regional plans cross the boundaries?
- Cost to the generators vs. utilities
- Renewable integration into the regional planning process to meet state RPS requirements and the movement towards a low carbon future

*Moderator: Donald J. Morrow, Vice President, Transmission, Quanta Technology*

*Jennifer Curran, Executive Director, Midwest ISO*

*Jay Caspary, Director, Transmission Development, Southwest Power Pool*

*Steve Herling, Vice President, Planning, PJM Interconnection LLC*

*Henry Chao, Vice President, System and Planning Resources, New York Independent System Operator*



10:15 **Networking & Refreshment Break** *Hosted by:*

### **CASE STUDY**

10:45 **Eastern Interconnection Planning Collaborative ("EIPC") Update**

- How will EIPC increase inter-regional planning
- Impact on the grid of various policy options determined to be of interest by state, provincial and federal policy makers, and other stakeholders
- Update on the progress of study work

*David Whiteley, Project Manager, EIPC*

### **PANEL DISCUSSION**

11:30 **Challenges Faced by Transmission Construction Companies in Building Transmission**

- Current state of the transmission line construction industry
- Overcoming labor and material shortages

- training and safety initiatives to grow and improve labor capacity
  - Contracting strategies and the pros and cons of different contract models
- Ajay Mallik, P.E., Executive Director, **Abengoa Power Structures***  
*Michael Giarratano, President and Chief Executive Officer, **Hawkeye LLC***  
*Rick Pieper, Vice President, T&S, **Henkels & McCoy, Inc.***  
*Karl Miller, Executive Manager, **Kenny Construction Company***  
*Donald Williams, Managing Director, **Duratel***

12:30 *Close of Conference*