

 EUCI CONFERENCE

2017 WESTERN TRANSMISSION SUMMIT

February 27-28, 2017
Hyatt Regency Orange County
Orange County, CA



EUCI is authorized
by IACET to offer
1.0 CEUs for the
conference

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OVERVIEW

At this unique forum, you will hear top executives from the Western area's regional planning entities, transmission developers, utilities, and state regulatory agencies discuss and debate the most critical issues surrounding transmission expansion in the Western region. You will have the opportunity to brainstorm with these thought leaders on how to address complex planning, siting, and market structure issues while balancing reliability, policy directives and economic interests. Hear key project managers reveal the inside details of the most important transmission projects in the region in case study sessions. Don't miss this opportunity to learn and network with the key players in the Western energy market.

LEARNING OUTCOMES

- Compare different plans for creation of an expanded Western RTO
- Examine the future of the growing California ISO EIM
- Discuss the most current challenges and opportunities for transmission planning and expansion in the West
- Compare the planning, implementation and outcome of several unique western transmission project case studies
- Examine the latest developments of FERC Order 1000 and the lessons learned over the past year
- Discuss the current state and future of solar projects in the region
- Analyze how new State and Federal regulation is shaping the direction of transmission in the western region
- Determine the best options for transmission project investment and financing
- Examine the latest results of the Interconnection Seams Study
- Analyze a successful proactive strategic approach to support major project approval and construction



“EUCI serves as a sounding board/forum to share best practices and information that effects anyone related to energy, no matter what their level of involvement. The cumulative experience of event attendees is astounding and information shared is invaluable.”

Director of Business Development, PJ Helicopters, Inc.



“The conference offered an in-depth look, through balanced panel discussions and case studies, into the current state of transmission planning and development in the U.S.”

Attorney, Montana PSC

AGENDA

MONDAY, FEBRUARY 27, 2017

8:00 – 8:30 am

Registration and Continental Breakfast

8:30 – 9:30 am

Expansion of CAISO to a Regional ISO/RTO

The Energy Imbalance Market (EIM), run by CAISO, now includes PacifiCorp and NV Energy, and is set to expand to Arizona Public Service, Puget Sound Energy, Portland General Electric and Idaho Power within the next two years. PacifiCorp has announced that it will join CAISO as a full member, prompting much discussion of an expanded ISO/RTO in the Western region. This panel session will take a look at the current state of talks on transforming CAISO into a full multi-state RTO and examine key questions such as:

- What is driving the potential CAISO expansion?
- What are the benefits and disadvantages to an expanded Western ISO?
- Will FERC institute a capacity market on the new ISO?
- How will an expanded EIM and Western ISO affect future transmission development in the Western region?

David Mills, Vice President, Energy Operations, Puget Sound Energy

Sarah Edmonds, Vice President and General Counsel, PacifiCorp

Don Fuller, Director, Strategic Alliances, CAISO

Eric Little, Manager - Wholesale Market and GHG Market Design, Southern California Edison

9:30 – 10:15 am

Update on Mountain West Regional Group's RTO Initiative

The Mountain West Transmission Group (MWTG) has set a schedule to establish its own market. Join this session and learn:

- What is the Mountain West Transmission Group (MWTG)?
- History of MWTG
- MWTG efforts to-date
- MWTG going forward
- MWTG's timeline

Carrie Simpson, Sr. Manager, Market Operations, Xcel Energy

10:15 – 10:45 am

Networking Break

10:45 – 11:45 am

The Impact of Regulation on Transmission Development in the West

In this session, three state commissioners will discuss transmission development in their states, as well as the western region, and give their viewpoints on some difficult questions, including:

- How are they working to balance the need for new generation and transmission in the region while considering environmental requirements, economic and policy goals, and public concern?
- How are they dealing with federally mandated inter-regional planning at the state level?
- How will the policy and regulation decisions being made now at both the state and federal levels shape the future of the energy industry?

Patrick Lyons, Commissioner, New Mexico Public Regulation Commission

Commissioner, California PUC (invited)

Commissioner, Nevada PUC (invited)

11:45 am – 12:30 pm

The History and Future of the 368 Energy Corridors

Michelle Bissonnette, Vice President, HDR Inc.

12:30 – 1:30 pm

Group Luncheon

AGENDA

MONDAY, FEBRUARY 27, 2017 (CONTINUED)

1:30 – 2:30 pm

FERC 1000 to Date: Regional Planning, Interregional Coordination and Competitive Projects

In this lively discussion, each panel member will detail their organization’s experience with:

- FERC 1000 – what are the lessons learned so far?
- Regional Planning Process – what has come out of the process in terms of projects?
- Interregional Coordination –what is the value of markets between these regions?
- Competitive Projects - what projects are on the horizon for the 2 year/5 year/10 year plans?

Neil Millar, Executive Director, Infrastructure Development, CAISO

Patrick Damiano, President & CEO, ColumbiaGrid

Craig Quist, Director of Area Transmission Planning East, PacifiCorp; Planning Committee Chair, Northern Tier Transmission Group (NTTG)

Gerald Deaver, Manager, Regional Transmission Policy, Xcel Energy

2:30 – 3:00 pm

The Current Status of the Interconnection Seams Study

The central U.S. is home to some of the world’s most bountiful energy resources. Strong winds across the Great Plains coupled with exceptional solar PV and CSP resources are located in close proximity to new natural gas resources, hydro generation, and growing electricity demand. Despite the regional abundance of diverse natural resources, there are three separate interconnections in the U.S. power system that limit the nation’s ability to maximize resource value and facilitate a more reliable, resilient, sustainable, and affordable U.S. electricity system.

The Interconnection Seams Study analyzes a range of transmission scenarios that aim to decrease the cost of serving U.S. electricity demand by facilitating efficient transfers of electricity across the eastern and western interconnections. The study identifies least cost options for increasing the robustness of the U.S. electricity system and decreasing the cost of serving load. In particular, the study analyzes three core scenarios: baseline, modernization of existing back-to-back high voltage direct current (HVDC) facilities, and a macro-grid overlay comprised of multiple HVDC lines. The study will use a comprehensive modeling approach based on capacity expansion, production cost, and AC power flow analysis to calculate the value of the various transmission enhancements under a variety of generation scenarios. This session will provide a look at the current status of the study that is slated to be completed in September of 2017.

Rebecca Johnson, Transmission Advisor, Asset Planning and Management, WAPA

3:00 – 3:30 pm

Networking Break

3:30 – 4:00 pm

The State of the Union of Solar Energy

This session will give a current overview of solar energy projects and expansion in the western region. Questions to be addressed include:

- What is the state of new solar development in California, Nevada and Arizona?
- How effective is the Solar Investment Tax Credit?
- What is the anticipated impact on solar energy under the new administration?

Speaker to be announced

4:00 – 5:15 pm

Comparison of Case Studies of Regional Projects

- SWIP 500 kV Project
Mark Milburn, Vice President, LS Power
- Rush Creek Wind Project and current transmission projects
Gerald Deaver, Manager, Regional Transmission Policy, Xcel Energy
- SunZia Project
Tom Wray, Sunzia Project Manager, Southwestern Power Group



5:15 – 6:15 pm

Networking Reception Sponsored by 

AGENDA

TUESDAY, FEBRUARY 28, 2017

8:00 – 8:30 am

Continental Breakfast

8:30 – 9:30 am

Overcoming Key Regional Challenges

There are many drivers shaping the energy industry today. In this session, we'll take a look at some of the most critical current issues that are influencing transmission development, such as:

- Grid modernization and resiliency
- FERC 1000 challenges
- Renewable integration

Moderator: Laurie Dunham, Vice President, DATC

Jason Minalga, Director - US Regulated Grid Development, ITC Holdings

Bob Smith, Vice President, Transmission Development, TransCanyon

Ron Belval, Manager, Regional Transmission Planning, Tucson Electric Power

9:30 – 10:00 am

Networking Break

10:00 – 11:00 am

Transmission Project Investment and Financing

Undoubtedly, large transmission investments are needed to create a modern and resilient grid. What are the challenges of gaining financing for these large transmission projects? In this session, we'll examine key topics such as:

- ROE calculations and the impact on current and future transmission investment
- Business models and market features that lead to improved project financing
- Overcoming key challenges to secure financing

Ali Amirali, Sr. Vice President, Starwood

Keith Sparks, Director of Development, Clean Line Energy

Roman Fontes, Sr. Investment Officer, WAPA

11:00 – 11:45 am

A Proactive Strategic Approach to Support Major Project Approval and Construction

In this session, you will learn how San Diego Gas & Electric proactively engages stakeholders to gain support of major project development of electric and natural gas projects throughout SDG&E service territory, at all stages of development. SDG&E's belief is that there is no such thing as a "one-size fits all" approach to public participation. Instead, Regional Public Affairs Team and Major Projects Specific Teams coordinate to tailor the right approach for each project, including:

- Internal support and external outreach
- Project-specific public affairs plans
- CAISO bidding process, pre-filing, CEQA process, construction
- Lead on construction notifications
- Active role in agency approval processes
- Close coordination with RPA, media, community relations, and the broader project team

Todd Voorhees, Regional Public Affairs Manager, Major Projects External Relations Group, San Diego Gas & Electric

11:45 am – 12:00 pm

Conference Wrap Up

12:00 pm

Conference Adjourns

INSTRUCTIONAL METHODS

Case studies, PowerPoint presentations and group discussion will be used in this event.

REQUIREMENTS FOR SUCCESSFUL COMPLETION

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

IACET CREDITS



EUCI has been accredited as an Authorized Provider by the International Association for Continuing Education and Training (IACET). In obtaining this accreditation, EUCI has demonstrated that it complies with the AN-SI/IACET Standard which is recognized internationally as a standard of good practice. As a result of their Authorized Provider status, EUCI is authorized to offer IACET CEUs for its programs that qualify under the AN-SI/IACET Standard.

EUCI is authorized by IACET to offer 1.0 CEUs for the conference.

EVENT LOCATION

A room block has been reserved at the Hyatt Regency Hyatt Regency Orange County, 11999 Harbor Blvd, Garden Grove, CA 92840, for the nights of February 26-28, 2017. Room rates are US \$159 plus applicable tax. Call **714-750-1234** for reservations and mention the EUCI event to get the group rate. The cutoff date to receive the group rate is January 26, 2017 but as there are a limited number of rooms available at this rate, the room block may close sooner. ***Please make your reservations early.***

REGISTER 3, SEND THE 4TH FREE

Any organization wishing to send multiple attendees to these conferences may send 1 FREE for every 3 delegates registered. Please note that all registrations must be made at the same time to qualify.



REGISTRATION
to register [CLICK HERE](#) or

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PLEASE SELECT

- 2017 WESTERN TRANSMISSION SUMMIT CONFERENCE:**
 FEBRUARY 27-28 2017: US \$1395,
 EARLY BIRD on or before FEBRUARY 10, 2017: US \$1195

- I'M SORRY I CANNOT ATTEND, BUT PLEASE EMAIL ME A LINK TO THE CONFERENCE PROCEEDINGS FOR US \$295

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

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What name do you prefer on your name badge?

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List any dietary or accessibility needs here

CREDIT CARD INFORMATION

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

Substitutions & Cancellations

Your registration may be transferred to a member of your organization up to 24 hours in advance of the event. Cancellations must be received on or before January 27, 2017 in order to be refunded and will be subject to a US \$195.00 processing fee per registrant. No refunds will be made after this date. Cancellations received after this date will create a credit of the tuition (less processing fee) good toward any other EUCI event. This credit will be good for six months from the cancellation date. In the event of non-attendance, all registration fees will be forfeited. In case of conference cancellation, EUCI's liability is limited to refund of the event registration fee only. For more information regarding administrative policies, such as complaints and refunds, contact our offices at (201) 871-0474.