

Texel, Tim

From: NARUC Professional Development <donotreply@naruc.org>
Sent: Tuesday, November 25, 2025 12:43 PM
To: Texel, Tim
Subject: Registration Is Open for Regional Transmission Planning for State Regulators

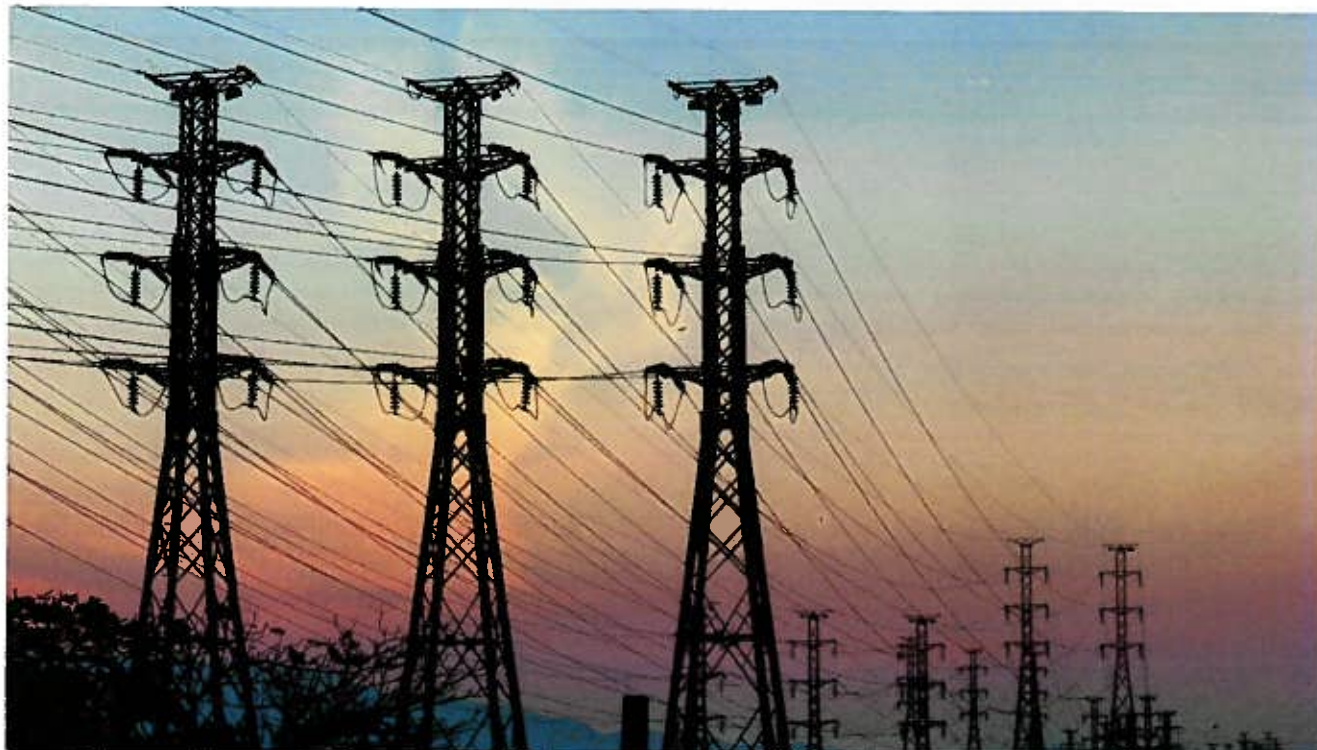


Regional Transmission Planning for State Regulators

NARUC Professional Development Track: Electricity

January 27-29, 2026

2:00 PM – 4:00 PM ET Each Day



Overview

The US electrical grid is facing pressing challenges including rapid demand growth and increasing reliability risks. Regional transmission expansion can play a critical role in meeting these challenges by unlocking new lower cost generation and enhancing system reliability. However, regional transmission expansion involves complex planning processes at the ISO/RTO, state, and utility levels. This course equips state regulators to better understand transmission planning and cost allocation principles. It also explores opportunities for state regulators to strengthen their engagement in their region's transmission planning and implementation of recent FERC orders affecting how states and transmission owners cooperate.

Learning Objectives

- Understand the changing context and current processes that drive transmission development in the United States.
 - Develop intuition around transmission economics – from transmission cost allocation to transmission expansion in integrated resource planning (IRP).
 - Identify opportunities for state regulators and agencies to more effectively engage with transmission development and regulation.
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Course Outline

Day 1: Transmission Planning

- The role of transmission in reliability, resilience, supporting federal and state policies.
- How do all of the different planning processes fit together; what is the role of ISOs/RTOs versus transmission owners, local/regional/interregional planning scope, functions, and regulation.

Day 2: Interconnection & Transmission Cost Allocation

- Overview of interconnection processes: key steps, network upgrades (transmission expansion), different approaches, cost allocation.
- Overview of transmission cost allocation principles, high-level approaches (e.g., postage stamp, license plate), current ISO/RTO approaches.
- Deeper dive in distribution factor (DFAX) based cost allocation.

Day 3: State Roles in Transmission (IRP, Order 1920)

- What are states' responsibilities in transmission and how and how/why transmission can be incorporated in IRP.
- Recap on evolution of FERC-mandated regional transmission planning under Order Nos. 890, 1000, and 1920.
- Overview of Order No. 1920 with a focus on state roles during compliance and implementation for requirements associated with planning, selection, and cost allocation.

Who Should Attend?

This course is designed for commissioners and commission staff, utility representatives, consumer advocates, and others involved in IRP processes and/or engagement with RTOs and FERC. It will also be helpful to relevant state entities including state energy offices who may participate in multi-state transmission planning efforts.

Instructors



Dr. Fredrich (Fritz) Kahrl is president of 3rdRail Inc., an affiliate in Electricity Markets and Policy at Lawrence Berkeley National Laboratory, and a lecturer at UC Berkeley's Goldman School of Public Policy. His expertise covers electricity markets, transmission planning and cost allocation, generator interconnection, utility resource planning, resource adequacy, ratemaking, and regulatory economics.



Lakshmi Alagappan is a senior partner at E3 and leads E3's transmission planning practice, where she supports transmission owners, developers, system planners and operators, and state agencies on a wide-ranging set of issues related to transmission, including planning and needs identification, cost allocation and recovery, business case development, and regulatory strategy and policy development.



Joseph (Joe) Rand is an energy policy researcher in the Energy Markets and Planning Department at Lawrence Berkeley National Laboratory. He conducts energy policy, cost, and market analysis; spatial data analysis; and research related to social impacts and grid interconnection of energy.



Lisa Schwartz is a senior energy researcher and strategic advisor in Berkeley Lab's Energy Markets and Planning Department. She directs research, training, and technical assistance spanning distribution and transmission planning, grid resilience, interconnection of distributed energy resources, and utility regulation.



Juan Pablo "JP" Carvalho is a research scientist in the Energy Markets and Planning department at Lawrence Berkeley National Laboratory. His research areas at the Lab focus on long-term power system planning, integration and planning of distributed energy resources, and reliability and resilience valuation.



Liz Salemo is a principal at GQS New Energy Strategies, where she advises clients on transforming wholesale energy market rules, facilitating new transmission, and advancing generation technologies. Prior to GQS, she served as lead advisor to former FERC chairman Rich Glick, where she spearheaded reforms on transmission infrastructure and interconnection queues that ultimately became Order No. 2023 and Order No. 1920.

Fees

- Dues-Paying Members / Associate & Federal Members: \$250
- State, Federal, and International Agencies / NASUCA Members / Academia: \$450
- All Others: \$650

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ADDITIONAL PROFESSIONAL DEVELOPMENT OPPORTUNITIES

