

# FUNDAMENTALS OF ELECTRICITY TRANSMISSION

February 10-11, 2021  
Online | Central Time



*“Perfect course for a high-level overview of transmission systems. I feel more adequately prepared to contribute to my company after this course.”*

Associate Project Manager,  
NextEra Energy

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New electricity transmission, transmission expansion, and transmission upgrades are being proposed in every region of the US and Canada. Electricity transmission—and the need for more of it—is the key to many of North America’s energy goals, including: increased reliability and security, the integration of more renewable energy, more competitive markets, and the construction and implementation of a smart grid. In addition, new transmission market mechanisms are being applied in many US regions.

This course is designed to provide a practical overview of electricity transmission and the transmission system for non-engineers or those who are new to the industry. The course will cover how new transmission is designed and planned, as well as how the transmission system is regulated. Important topics such as markets and new technologies will also be discussed

## LEARNING OUTCOMES

- Define and describe the major concepts of electricity transmission
- Explain considerations that impact transmission planning and design
- Analyze the importance of transmission reliability and the factors that can affect it
- Examine the purpose, role, and impact of NERC
- Identify the main drivers for new transmission and discuss the many challenges of transmission expansion
- Examine the structure of major transmission markets in the US and comprehend how the market system operates

## INSTRUCTOR

**Raj Rana, PE, MBA, CEM, PMP - Consultant**



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



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# REGISTRATION INFORMATION

## Mail Directly To:

EUCI  
6400 S Fiddlers Green Cir., Suite 1620  
Greenwood Village, CO 80111  
OR, scan and email to: [conferences@euci.com](mailto:conferences@euci.com)

[WWW.EUCI.COM](http://WWW.EUCI.COM)

p: 303-770-8800

f: 303-741-0849

# ONLINE DELIVERY & PARTICIPATION DETAILS

EUCI will use Microsoft Teams to facilitate participation in the upcoming event. Attendees do not need to have an existing Teams account to participate in the broadcast. The course will play in attendee's browser. When attendees sign on, their microphones are typically muted. Attendees should keep their mic muted until such time as it's needed to ask a question. During the event, participants will have the option of using a microphone to speak with the room and ask questions, or type in any questions via the chat window and our online administrator will relay your question to the instructor.

- Each attendee will receive an event invitation by e-mail, which will include one link to sign on for each half-day of the event (i.e., three links for a 1 1/2 day event). The appropriate link must be used to join each half-day event segment at the appropriate time.
- The remote meeting connection will open approximately 30 minutes before the start of the course. We encourage attendees to connect as early as possible in case of unforeseen problems.

## PLEASE SELECT

**FUNDAMENTALS OF ELECTRICITY TRANSMISSION ONLINE COURSE**

FEBRUARY 10-11, 2021: US \$1,195 (Single Connection)

**PACK OF 5 CONNECTIONS:** US \$4,780 (20% Discount)

**PACK OF 10 CONNECTIONS:** US \$8,365 (30% Discount)

**PACK OF 20 CONNECTIONS:** US \$14,340 (40% Discount)

**Please call us at 303-770-8800 if you have any specific questions on the volume discounts.**

*\* all other discounts do not apply to license packs*

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

Print Name

Job Title

Company

Address

City

State/Province

Zip/Postal Code

Country

Phone

Email

## CREDIT CARD INFORMATION

Name on Card

Billing Address

Account Number

Billing City

Billing State

Exp. Date

Security Code (last 3 digits on the back of Visa and MC or 4 digits on front of AmEx)

Billing Zip Code/Postal Code

**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 8, 2021 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 course 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, please contact our offices at 303-770-8800.

EUCI reserves the right to alter this program without prior notice.

