

TRANSMISSION 2025



2025 Transmission, Substation & Power Delivery Projects Conference

Wednesday, June 25, 2025
8:00 a.m. - 4:45 p.m. MDT

Thursday, June 26, 2025
8:00 a.m. - 12:00 p.m. MDT

Tri-State Generation & Transmission Association
1100 W 116th Ave | Westminster, CO 80234

About the Conference

This focused 1.5-day conference brings together professionals and organizations to showcase and explore significant projects in the transmission sector. Through engaging presentations, attendees will gain valuable insights into innovative strategies, practical solutions to challenges, and lessons learned from real-world applications. This conference emphasizes knowledge sharing, emerging technologies, and collaboration among industry experts to drive the future of power delivery forward.

Who Should Attend

This event is ideal for professionals involved in energy transmission and those with an interest in large-scale industry projects. It is particularly relevant for personnel engaged in technology planning, energy storage, project development and implementation, operations, and maintenance. Individuals from other backgrounds are also encouraged to participate and gain insights into the challenges and opportunities within the electric utility transmission sector.

Professional Development Hours

Upon completion of the conference, attendees will receive a continuing education certificate worth **9.0 Professional Development Hours (PDHs)** in their on-line Alltricity Network profile. PDHs may be applied toward recertification credit. Typically, 1.0 PDH is equal to .1 CEU, but that conversion scale should always be confirmed with the certifying body attendees are affiliated with.

Conference Pricing

Registration fees include: Breakfast both days, lunch on day 1, electronic handouts (if applicable), attendee roster, and, upon completion, a continuing education certificate for 9.0 Professional Development Hours (PDHs). *Discounted Group Registration pricing and Early Bird rates are for members only.* Early Bird pricing ended on May 16.

Member Price	\$595
Non-Member Price	\$895
Group Registration: 5-Pack	\$2,645 (save \$330!)
Group Registration: 10-Pack	\$5,395 (save \$555!)

Register Now!

ONLINE:

AlltricityNetwork.org/T_BIGPROJ25

PHONE:

(303) 865-5544

Cancellation & Refund Policy: 100% of fees are refundable if cancellation is received 29 days or more before the event date. If cancellation is received between 28 and 14 days before the event date, 50% of the registration fee will be refunded. No refunds will be issued for cancellations received 13 days or less before the event date, including no-shows. To have someone take your place, please notify Alltricity Network at info@alltricitynetwork.org anytime before the event.

Conference Agenda

Wednesday, June 25, 2025

7:30–8:30 a.m.
Arrival & Breakfast Available

8:30–9:00 a.m.
Welcome & Introductions

9:00–9:45 a.m.
Mobile Rewinds & Large Power Transformer Rewinds
John Pollock, *Jordan Transformers*

9:45–10:45 a.m.
PANEL: Sparing Strategies for Large Transformers
David Burke, *Principal Engineer, Xcel Energy*
Chris Campbell, *Senior Manager—Engineering, Tri-State Generation & Transmission Association*
Chad Kreikemeier, *Substation Supervisor—York Operations Center, Nebraska Public Power District*

As lead times for transformers, circuit breakers, and other critical components continue to stretch, utilities are refining their sparing strategies to better manage risk and ensure system reliability. This panel will highlight how utilities are approaching spare equipment planning—what they're stocking, where it's stored, and how they're balancing cost, risk, and operational resilience. Learn how these strategies are evolving to address today's supply challenges and prepare for tomorrow's demands.

10:45–11:00 a.m.
Networking Break

11:00–11:45 a.m.
Nebraska Public Power District's Battery Energy Storage System (BESS) Experience
Dave Rich, *Sustainable Energy Manager, Nebraska Public Power District*

In 2022, Nebraska Public Power District (NPPD) commissioned a 1 MW–2 MWh Battery Energy Storage System (BESS). This presentation will provide a comprehensive overview of NPPD's BESS journey—from the initial contract negotiations to real-world operations. Attendees will gain insights into the technical, operational, and contractual challenges encountered during project development, as well as the key lessons learned.

11:45 a.m.–12:45 p.m.
Networking Lunch

12:45–1:45 p.m.
765kV Product & Supply Chain Key Issues
Gigi Campbell, *Senior Sales Manager, HICO America*
Alex Ebbert, *Product Managing Director, HICO America*

Investment in 765-kV infrastructure has also been proposed in the Southwest Power Pool and Midcontinent Independent System Operator territories, and Ercot market. One could say it's going to be a transmission race between the regions. HICO is the only transformer manufacturer in USA can manufacture up to 765kV. We have supplied several projects with transformers, shunt reactors, and breakers. HICO wants to share the key engineering, maintenance, and supply chain details.

1:45–2:30 p.m.
Large Data Center Interconnection Execution
Gary Hattle, *Project Director, Technology, Commercial & Industrial, Distributed Infrastructure, Black & Veatch*
Ryan Sparks, *Senior Manager—Electrical Engineering, Rowan Digital Infrastructure*

With load growth from the data center segment on a continual upswing, the need for bulk electric service delivery through HV services continues at a large pace. Rowan Digital is at the forefront of delivering powered shell campuses and through this experience has worked to deliver distribution substations at an accelerated pace for their campus data halls. This presentation will review execution strategies which Rowan and BV have delivered to meet accelerated timelines along with lessons learned in delivering projects at scale.

2:30–2:45 p.m.
Networking Break

2:45–3:30 p.m.
GIS Presentation
Nicolas Velez Lara, *Area Sales Manager, Hitachi Energy*

3:30–4:30 p.m.
Interactive Transmission, Substation & Power Delivery Projects Roundtable
Bring roundtable topics for discussion and/or send topics ahead of time to khail@alltricitynetwork.org.

Roundtables offer a unique forum for peer-to-peer sharing of experiences, critical issues and expertise. Discussion is based on topics brought by attendees.

Conference Agenda

Roundtables are focused on the open discussion period and provide each attendee the opportunity for participation and dialogue on their particular issue. All attendees are encouraged to bring issues for discussion and materials for sharing.

5:00-6:00 p.m.

Evening Networking Social

Keep the conversations going while practicing your back swing during an evening networking social at Topgolf! Golf bays, a round of drinks, and snacks will be provided.

Topgolf Thornton

16011 Grant Street
Thornton, CO 80023

(~15 minute drive North from Tri-State Generation & Transmission)

Thursday, June 26, 2025

8:00-9:00 a.m.

Arrival & Breakfast Available

9:00-10:00 a.m.

Social and Political Risks to Large Project and How to Overcome Them

Maggie LaMar, Strategic Communications Project Manager, HDR

Large projects bring more than unique engineering challenges. Social and political risk needs to be prepared for and addressed in different ways than projects on a smaller-scale to avoid potential financial and schedule disruptions. Communities are gathering faster than before, making it important for utilities and developers to prepare for

organized opposition.

10:00-10:15 a.m.

Networking Break

10:15-11:15 a.m.

PANEL: Supply Chain

Gigi Campbell, Senior Sales Manager, HICO America

Jillian Davison, High Voltage Product Packaging Product Manager, Hitachi Energy

Alex Ebbert, Product Managing Director, HICO America

Orestes Macchione, Siemens

11:15 a.m.-12:00 p.m.

Quanta Large Project Experience

Kevin Hopper, Vice President—Commercial Operations, Quanta Services, Inc.

Take a behind-the-scenes look at Quanta's experience with large transmission projects. We'll share key lessons learned, project highlights, and how we tackled challenges in the field. From planning to execution, hear what worked, what didn't, and how those insights are shaping future projects.

12:00 p.m.

Adjourn

Nearby Hotels

Delta Hotels by Marriott Denver

10 E 120th Ave
Northglenn, CO 80233

Doubletree

83 East 120th Ave
Thornton, CO 80233

Courtyard Marriott

14355 Orchard Parkway
Westminster, CO 80023

Candlewood Suites

14362 Lincoln St.
Thornton, CO

Hilton Garden Inn Denver/Thornton

14275 Lincoln St.
Thornton, CO

Thank You, Alltricity Network Transmission, Committee!

CHAIR

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Western Area Power Administration*

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*Transmission Line Projects Senior Engineer,
Platte River Power Authority*

Ron Wilgers

*Director - Electric Projects & Engineering Services,
Black Hills Energy Corporation*

The **Alltricity Network Transmission Committee** plans all Alltricity Network Transmission events. If you'd like to send the committee suggestions for future event topics, content, or other information, please email Kathryn Hail at khail@alltricitynetwork.org.