



TRANSMISSION 2026



2026 Transmission, Substation & Power Delivery Large Projects Conference

Wednesday, June 24, 2026
8:00 a.m.-4:30 p.m. MDT

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

About the Conference

The Transmission, Substation & Power Delivery Large Projects Conference is a focused one-day event designed for utility leaders, engineers, project managers, and industry partners navigating the growing scale and complexity of major transmission, generation, substation, and large-load infrastructure projects. As utilities respond to rising demand, hyperscale data center growth, renewable integration, aging assets, and workforce constraints, this conference will explore how organizations are planning, funding, staffing, constructing, and commissioning some of the industry's most significant capital projects. Through utility case studies, expert panels, and practical discussions, attendees will gain insight into lessons learned, emerging risks, labor challenges, grid reliability considerations, and best practices for delivering large projects on time and on budget.

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 **8.0 Professional Development Hours (PDHs)** in their online Alltricity Network profile. PDHs may be applied toward recertification credit.

Conference Pricing

Registration fees include: Breakfast, breaks, lunch, electronic handouts (if applicable), attendee roster, and upon completion, a continuing education certificate for PDHs.

Member price	\$555
Non-member price	\$925

Register Now!

ONLINE:
AlltricityNetwork.org/T-PROJ26

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. Registration transfers are welcome. To have someone take your place, please notify Alltricity Network at info@alltricitynetwork.org anytime before the event.

Conference Agenda

**Tuesday,
June 23, 2026**

5:00-6:00 p.m.

Evening Networking Social

Sponsored by:



Get the conversations started early and join conference attendees and organizers for an evening networking social the night before the event at the Prost Biergarten. A round of drinks and snacks will be provided during this opportunity to connect with colleagues and industry friends before diving into the educational conference sessions on Wednesday, June 24.

Prost Biergarten

351 W 104th Ave, Unit A
Northglenn, CO 80234

**Wednesday,
June 24, 2026**

8:00-8:45 a.m.

Arrival & Breakfast Available

8:45-9:00 a.m.

Welcome & Introductions

9:00-9:45 a.m.

**Large Load Interconnect:
Shale 345kV Switchyard**

- » **Dennis Lawler**, Senior Project Manager, Evergy
- » **Darrell Wallace**, EPC Project Manager, Burns & McDonnell

As demand for large-load interconnections continues to grow, utilities face increasing

challenges in delivering reliable infrastructure on aggressive timelines. This presentation will provide an overview of the Shale 345kV Switchyard project, highlighting the planning, design, and construction of a complex substation interconnection to support a hyperscale data center customer. Attendees will gain insights into key project challenges, lessons learned, and strategies used to meet evolving customer needs while maintaining system reliability and project success.

9:45-10:30 a.m.

Delivering Utility-Scale Energy Projects

- » **Aron Bowman**, President, ELM Microgrid & ELM Solar

10:30-10:45 a.m.

Networking Break

10:45-11:30 a.m.

Commissioning Transformers & New Equipment

- » **Kenneth Clarkson**, Electrical Power Engineer, Noble Oak Services

Power transformers are critical assets for utility and industrial facilities, and their long lead times make successful commissioning essential. This presentation will cover best practices for commissioning transformers and other new equipment, including planning, testing, startup, and energization. Attendees will gain practical insights for minimizing project delays, reducing risk, and ensuring reliable equipment performance from day one.

11:30 a.m.-12:45 p.m.

Networking Lunch

12:45-1:45 p.m.

PANEL: Craft Labor Needs for Large Projects

- » **Gary Hattle**, Project Director, Black & Veatch
- » **Rob Manders**, Western Colorado Maintenance Manager, Western Area Power Administration
- » **Danny Quinn**, Operations Manager, Great Southwestern Construction
- » **Chris Roehrich**, Project Manager, Nebraska Public Power District

As transmission, substation, and power delivery projects continue to accelerate, utilities and contractors are facing growing challenges related to skilled craft labor availability, maintenance workforce demands, and large-load growth driven by data centers. This panel will bring together utility and construction perspectives to discuss workforce constraints, balancing preventative maintenance with major capital projects, and strategies for supporting the industry's expanding infrastructure needs.

1:45-2:30 p.m.

Partnering to Strengthen the Southwest: The Vail to Tortolita 230kV Transmission Project

- » **Jackie Brusoe**, Senior Project Manager—Civil Design & Engineering, contracted to the Western Area Power Administration

A partnership between Western Area Power Administration and Tucson Electric Power is transforming an existing transmission corridor to expand capacity across the Tucson metro

Conference Agenda

area. Now under construction after years of planning and preparation, this presentation will provide an update on the project's current status, key construction milestones, and lessons learned to date. Attendees will gain insight into the challenges, innovations, and collaborative strategies involved in delivering major transmission infrastructure within a growing urban environment.

2:30-2:45 p.m.

Networking Break

2:45-3:30 p.m.

Leading Substation Delivery on Repsol Pinnington Project in Texas

» **Mostafa Rahimian**, Project Manager—HV Substation & Data Center Power Delivery, Black & Veatch

The 825 MW Repsol Pinnington Solar Project represents one of the largest renewable energy developments in Texas and required extensive coordination across engineering, construction, commissioning, and grid interconnection teams. This presentation will provide an overview of the project, highlighting strategies for aligning reactive compensation and harmonic mitigation requirements, coordinating engineering and construction activities, supporting staged commissioning, and meeting ERCOT requirements to achieve substantial completion. Attendees will gain practical insights into managing complex substation and grid infrastructure scopes on large-scale energy projects.

3:30-4:00 p.m.

Interactive Transmission Roundtable

» *Facilitated by the Transmission Committee*

Roundtables offer a unique forum for peer-to-peer sharing of experiences, critical issues and expertise and provide each attendee the opportunity for participation and dialogue on their particular issue. Attendees are encouraged to bring roundtable topics for discussion.

4:00 p.m.

Adjourn

Nearby Hotels

Delta Hotels by Marriott Denver Thornton

10 E 120th Ave
Northglenn, CO 80233

DoubleTree by Hilton Hotel Denver-Thornton

83 East 120th Ave
Thornton, CO 80233

Courtyard by Marriott Denver North/Westminster

14355 Orchard Parkway
Westminster, CO 80023

Thank You, Alltricity Network Transmission Committee!

CHAIR

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*Transmission Section Leader,
HDR*

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*Senior Project Manager,
WSP*

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*Vice President—Technical Services & System Reliability,
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Tim Richards

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

Darrell Wallace

*Account Manager,
Burns & McDonnell*

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