

SUBSTATION SESSION TRACK

Thursday, June 27, 2024

Open Session

Presiding: Chairman, Jeremy Morgan, Principal Engineer, Substation Services – Alabama Power

- 7:00 - 8:00 AM **Group Breakfast**
- 8:00 – 8:10 AM **Call to Order, Announcements and Safety Moment**
Jeremy Morgan, Principal Engineer, Substation Services – Alabama Power
- 8:10 – 9:00 AM **Recruiting, Onboarding and Retention**
Chad Jones, Manager, Substation Engineering – Duke Energy
Jesse Perez, Transmission Manager – Oncor Electric
Elaine Kwarcinski, Vice President Engineering – Southern Company Services
- 9:00 – 9:30 AM **FPL's St. Augustine Substation Overcomes Challenges with Innovative Flood Mitigation and Reconstruction**
Gerardo Gallardo, Substation Engineering Leader – Florida Power & Light
- 9:30 – 10:00 AM Beverage Break
- 10:00 – 10:30 AM **Temporary High-Voltage Cables**
Mike Zapata, Transmission District Manager – Oncor Electric
Evan Cooke, Engineer III – Dominion Energy
- 10:30 – 11:00 AM **Long Lead Times**
Ivana Perkinson, Category Management Consultant – Dominion Energy
Fernando Ordein, Engineer III – Dominion Energy
Jeremy Brown, Substation Engineer – Tampa Electric
- 11:00 – 11:30 AM **Playing Tetris: Planning Data Center Loads**
Aaron Winter, Electric Transmission Modeling Supervisor – Dominion Energy
- 11:30 – 1:30 PM Luncheon and Trade Show
Sponsored by Quanta Services
- 1:30 – 2:00 PM **SF6 Response and Drone Utilization**
Dallas Blakeney, Principal Engineer, Substation Services – Alabama Power
- 2:00 – 2:30 PM **Digital Twin**
Alexa Rooney, Engineering Supervisor, Distribution Substation – PPL Electric
Murtaza Shah, Principal Engineer, Substation Engineering – PPL Electric
- 2:30 – 3:00 PM **Rolling the DICE: Dominion Energy's IEC-61850 Journey**
Nilesh Bilimoria, Consulting Engineer – Dominion Energy
- 3:00 – 3:30 PM **Refreshment Break**
- 3:30 – 4:00 PM **Physical Security**
Adam Linker, Transmission Engineering Programs & Training Manager – Oncor Electric
- 4:00 – 4:30 PM **S.E.E. Industry Excellence Award Winner – Substation Category**
FPL's Alton Substation – Tiny but Mighty
Trinh Ly, Substation Engineering Leader – Florida Power & Light



SUBSTATION SESSION TRACK

Thursday, June 27, 2024 (continued)

Open Session

- 4:30 – 5:00 PM **EPC Project Experiences**
Erik Guillot, Sr. Manager Project Management Capitol Projects – Entergy
- 5:00 PM **Day 1 Wrap Up and Doorprize Drawings / Adjourn**
Jeremy Morgan, Principal Engineer, Substation Services – Alabama Power

Friday, June 28, 2024

Open Session Except as Noted

Presiding: Chairman, Jeremy Morgan, Principal Engineer, Substation Services – Alabama Power

- 7:00 - 8:00 AM Group Breakfast
- 8:00 – 8:05 AM **Call to Order / Announce Fall Meeting Dates**
Jeremy Morgan, Principal Engineer, Substation Services – Alabama Power
- 8:05 – 8:45 AM **Modeling and Evaluating Brownfield Substation Legacy Lattice Structures**
Griffen Wasdin, Transmission Civil Engineering – Southern Company
- 8:45 – 9:15 AM **Skid Mount Solutions for Rural Substations**
Hannah Webb, Transmission Operations Manager – Oncor Electric
- 9:15 - 9:30 AM Refreshment Break
- 9:30 – 10:50 AM **Trouble Session – Closed Session for Utility Attendees Only**
- 10:50 – 11:00 AM **Closing Comments and Doorprize Drawings**
- 11:00 AM Adjourn



Substation Section Leadership

Jeremy Morgan, Supervisor Project Management – Alabama Power
Justin Harsh, Substation Engineer – Dominion Energy VA/NC
Richard Giles, Transmission Operations Manager – Oncor Electric Delivery
Jeremy Brown, Substation Engineer – Tampa Electric