

Monday

10:00 – 11:00 Welcome & Introductions

Eileen Brannon (Oncor) – Chair T&D Committee

This session will include introductions of attending utilities and a discussion of their expectations for the week. Other items included in this session will be: Updates on T&D Committee business and laying the groundwork for future T&D Sessions.

11:00 – 12:00 Innovation - Integrating New Technology in the Field - Use of Unmanned Aerial Systems (UAS) Technology for Damage Assessment

Martin Narendorf (Centerpoint)

CenterPoint Energy is developing various phases of the use of UAS technology for damage assessment of its transmission and distribution system and other purposes. Demonstration footage available through the application of this technology and the various uses and aspect of the program at CNP will be explored in this presentation.

1:00 – 1:45 Operations - Preserving Tribal Knowledge

Randy Beene (Oncor)

Many Electrical Utilities are facing the same challenge. A significant percentage of operational experience gained over the last 30-40 years is walking out the door. Do you just accept it or do you try to do something about it? Oncor is leveraging its Transmission GIS to capture some of that Tribal Knowledge.

1:45 – 2:30 Operations - Human Performance Improvement

Rod Kinard, Katie Smith (Oncor)

Since the early 1980s, the electric utility industry has had some awareness of the need for a more purposeful management of human elements in the conduct of business. In the beginning, the primary adopters were those with nuclear generation. Today, one can find a spectrum of human performance improvement programs across the industry including within utility Distribution and Transmission functional areas.

Oncor is currently developing and piloting a formal program to be implemented at one location. This discussion will provide new view of how human performance improvement principles can be used to improve organizational performance.

2:30 – 2:45 T&D Member Success Stories

Committee members will be invited to share brief discussions of various success stories they have experience in the past year. These discussions often lead to more in depth discussions and presentations in future workshops.

3:15 – 4:15 Operations - Stepping Up Data Requests – Best Practice Efficiency Metrics Round Table

Julie Hinkle (Hawaiian Electric) & ATC - Duncan Brooks (ATC)

The T&D Committee in its desire to "step-up" its tangible cost data deliverables has determined to be more focused on its data requests. Hawaiian Electric has is developing Best Practice Efficiency Metrics identified across the Company in areas like Energy Delivery, System Operations, Safety and Security, Asset Management, etc.. This idea of Best Practice Metric as it relates to efficiencies and cost may be a method to help the committee achieve that focus. Hawaiian Electric and ATC will lead a round-table discussion on this topic challenging members to come prepared with talking points from their utilities to move both this topic and cost deliverables forward.

4:15 – 5:00 Daily Wrap up and General Discussion

Amy Harris (TVA) – Vice Chair T&D Committee

Time will be taken to discuss the day's activities: Were expectations met? What additional information might be of help? What new topics have come up as a result of these discussions?

Tuesday

8:00 – 9:00 Innovation - Reviewing the Exelon Innovation Expo

Belinda Kargbo (Exelon - PHI) & Garfield Mullings (Exelon - ComEd)

Exelon's creative and inventive minds were on display at the 2017 Exelon Innovation Expo. This year's theme showcased their "Customer Centricity" journey — it's what they do to give customers more reliable, safe and clean energy. Exelon employees displayed nearly 500 projects for the Innovation Contest. The contest is the centerpiece of the Expo, and around it are breakout sessions, panels and discussions between Exelon executives and many partnering companies, including GE, Microsoft, Proterra, Oracle, Verizon, AT&T and more.

9:00 – 9:45 Technology - Collection of Data and its Use in Predictive Analytics

Duncan Brooks (ATC)

ATC has conducted benchmarking to gather insights from peer utilities and other industries on best practices around a successful Data Analytics strategy: - To ensure that we can benefit from new solutions, - Ensure the analysis is meaningful and useful, - Develop a sound governance structure. This presentation will address the process ATC has followed and the results of these efforts.

10:15 – 11:00 Safety – PSEG 2017 Safety Symposium Recap

Joe Martucci (PSEG) Vice Chair T&D Committee

Joe will share the key learnings from the Gas and Electric Utility Peer Panel Best Practices Symposium held earlier this year. Topics to be covered are Employee Fatigue and Safety with highlights from speakers from the NYC MTA, NTSB and the CDC; and the Use of Lean Six Sigma for Process Improvements.

11:00 – 12:00 Technology – Taking Mobility Seriously

Amy Harris (TVA)

Amy will discuss TVAs 10 year ‘going mobile’ story; where they were when they started with Syclo software, how they implemented a tablet deployment, and the internal development route chosen to replace Syclo with Mobile Work Order. She will also discuss where they are going with a full transition to paperless as well as their transition to Mobile Asset Manager.

1:00 – 2:00 Operations & Safety – Root Cause Analysis and the Oncor SCAN App – JOINT SESSION with FOSSIL

David Kole (Oncor) – & Fossil Committee Representative

Root Cause analysis is not just for Safety Incidents anymore; it is for everyday use. This session will focus on the use of RCA across all aspects of operations and highlight the Oncor SCAN app. Oncor has developed internal processes, training, and app to be provided to all employees relating to root cause analysis and evidence preservation. Oncor will discuss the training given to all employees, the app and the data collected to date from the use of the app.

2:00 – 2:45 T&D Member Success Stories

Committee members will be invited to share brief discussions of various success stories they have experience in the past year. These discussions often lead to more in depth discussions and presentations in future workshops.

3:15 – 4:00 Safety – Exploring Safety Analytics – Round Table

Amy Harris (TVA) & Duncan Brooks, Kurt Weisman (ATC)

Improving your analytics starts with knowing your data and how to leverage what’s available to you. How do you know if you really identified the issues? What about job changes or production pressure? TVA and ATC will lead a round table discussion addressing what is currently being done in Safety Analytics and where the industry is heading in the future.

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Wednesday

8:00 – 8:45 Operations - Redefining Project Closeout at AEP and the Lessons Learned

Eric Fones (AEP)

AEP is currently gathering data points on recently closed projects into a database for statistical analysis and predictive analytics to better plan their projects.

8:45 – 9:45 Technology – The Digital Workforce and Wearable Technology

Aretha Calloway (Exelon – PHI)

Exelon has undertaken a 'Digital Worker Strategy'. The vision of this strategy is to equip the field force with cutting edge technology to improve safety, drive efficiency, and transform the customer experience. Each Exelon Utility has made investments in the Digital Worker in varying degrees. This discussion will focus on the current use of technology at the Exelon utilities, and where they are going next.

10:15 – 11:00 Workshop Wrap up and Agenda Planning & General Work Session

Oncor – Eileen Brannon – Chair T&D Committee

Time will be taken to discuss the day's activities: Were expectations met? What additional information might be of help? Focus will be placed on developing potential agenda topics for the Spring 2018 Workshop.