



Suzanne Shaw, *Committee Chair*
PECO

Matthew Merranko, *Committee Vice Chair*
Duquesne Light Company

ELECTRICAL EQUIPMENT AND PROTECTION COMMITTEE

April 8–10, 2024

Blair County Convention Center, Altoona, PA

AGENDA and SCHEDULE

Monday, April 8, 2024 – CLOSED SESSION

3:00 p.m. **Committee Planning Meeting, Committee & Utility Company Guests Only** *Convention Center*
All committee members (and other registered utility company guests) are encouraged to attend. This valuable roundtable session provides a forum for asking questions, discussing experiences and exchanging best practices with industry peers. Discussions will also include committee matters - determination of professional engineer continuing education credits, current meeting logistics and arrangements, future meeting planning

8:00 p.m. **Informal Networking “Meet & Greet”**, *Champs Sports Grill, 205 Charlotte Drive, Altoona, PA 16601*

Tuesday, April 9, 2024 – OPEN EDUCATIONAL SESSION

8:00 a.m. **Registration and Continental Breakfast**, *Upper Level, Allegheny Mountains Lobby*

8:30 a.m. **Call to Order**, *Ballroom 1-3*

8:30 a.m. **Safety Message** **Chad Stoneking**, Director, Safety Operations, FirstEnergy

8:45 a.m. **Welcome** **Scott Wyman**, President, Pennsylvania Operations, FirstEnergy
Opening Remarks (Chairs of the Electric T&D Committee and EE&P Committee)

9:00 a.m. **Concurrent Sessions Convene**, *Proceed to Ballroom 4*

Session Sponsor – Bill Lang

9:00 a.m. **Human Performance Tools – panel presentation**

Bincy John, Manager Relay & SCADA Testing, **Levi Matulevich**, Supervisor Relay & SCADA Testing, PECO; **Dave Wenger**, Relay Test, PPL Electric Utilities

10:00 a.m. **Refreshment Break**

Session Sponsor – Terry Burlew

10:15 a.m. **3VO – Zero Sequence Protection**

H. Carl Pierce, Engineer V, System Protection, FirstEnergy; **Wojciech Szela**, Principal Engineer, PECO

Session Sponsor – Matthew Merranko

11:15 a.m. **Vendor New Product/Services Presentations**, *Ballroom 4*

12:15 to 2:00 p.m., Vendor Exhibition Open – Visit Exhibits, Buffet Lunch, *Lower Level-F-H, Exhibit Hall*

2:00 p.m. **Educational Session Reconvenes**, *Upper Level, Ballroom 4*

Session Sponsor – Zac Milke

2:00 p.m. **Capacitor Bank Design and Maintenance Programs – panel presentation**

Luke Collette, Sr. Consulting Engineer, Duquesne Light Company; **Roy Sassaman**, T&S Standards Engineer, PPL Electric Utilities

3:00 p.m. **Refreshment Break**

Session Sponsor – Matt Marinzoli

3:15 p.m. **Tripping Event Analysis Process – panel presentation**

Charlie Mai, Senior Engineer Protection and Controls, PECO; **Hahyeong Kim**, Support Engineer, **Dan Venditti**, Relay Settings Engineer, Relay Engineering Group, PPL Electric Utilities

Session Sponsor – Sue Shaw

4:15 p.m. **345kV Shunt Reactor Failure – Case Study**
 Garrett Tatano, Commissioning Engineer, Duquesne Light Company

5:15 p.m. Meeting Adjourns, Visiting Exhibits, Networking Opportunity

5:15 p.m. to 6:45 p.m., Vendor Exhibition Open, light hors d'oeuvres, refreshments , Lower Level-F-H

NOTE: We are facilitating PA Professional Engineer Continuing Education Credits or pdh's. If you have an interest, at the completion of the April 9th sessions, you need to mark up your agenda indicating the 4/9/24 presentations you are present for, sign the agenda at the upper right corner and write your company name and email address on the sheet. Turn the marked-up agenda in to EAP staff and a certificate will be sent to you.

Wednesday, April 10, 2024 – CLOSED SESSION *Convention Center*

(concurrent sessions for both Committees; Committee members & Utility Company Guests Only)

All committee members (and other registered utility company guests) are encouraged to attend. This valuable roundtable session provides a forum for asking questions, discussing experiences and exchanging best practices with industry peers. Discussions will also include committee matters - evaluation of current meetings' sessions, future meeting planning

7:30 a.m. **Breakfast / Informal Meeting with PA PUC**
(PUC Staff Guests, Members of EAP Electric Operations Committees/Committee Distribution Group Members ONLY)

8:45 a.m. Committee Meeting

**Administrative Business, Future Meeting Announcements
Roundtable Session, Trouble Reports**

- Electrical Equipment Trouble/Problems
- Protection & Control Trouble/Problems