



Transmission and Substation Subcommittee Updates

Jeff Falciani

Secretary, TSS

Lead Engineer - Transmission Coordination & Analysis Dept.

Planning Committee: December 3, 2024

- TSS is a technical advisory group under PC
 - TSS Chair: Shashi Patel, PSE&G
 - Secretary: Jeff Falciani, PJM
- Maintains technical guidelines for transmission facilities
 - Investigate new technologies and develop associated design guidelines
 - Track best practices of the industry
- Monthly meetings

- Reviewing TSS Guideline Chapter VI Rating Guides revisions to meet FERC Order 881 required AAR methods
 - Completed/Expect to Complete the following in 2024:
 - VI.b – Power Transformers (final)
 - VI.c – Circuit Breakers (final)
 - VI.c – Circuit Breakers spreadsheet (final)
 - VI.d – Air Disconnect Switches (Dec)
 - VI.e – Outdoor Substation Conductor Ratings (Dec)
 - VI.e – Outdoor Substation Conductor Ratings spreadsheet (final)
 - Annex A – System Phasing Diagrams (final)
- V.q – Wildlife Mitigation Practices (New guideline) (Dec)

Presenter:
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Member Hotline

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