

Exelon Utilities Planning Criteria

5/12/20 – PJM Planning Committee

Exelon Transmission Strategy



Overview

- In 2018, Exelon Transmission Strategy began an initiative to review 715 Transmission Planning Criteria to identify:
 - Best Practices
 - Differences
 - Opportunities for improvement
- In 2019, Exelon Operating Utilities filed a single criteria document that moved towards alignment in multiple areas including Steady State Voltage Stability, N-1 and N-1-1 tests, and adopting PJM Voltage Limits.
- Additional alignment opportunities were examined throughout 2019 and are presented here.

Exelon OpCo Planning Criteria Alignment Update

- Criteria Applicability
 - ACE, BGE, ComEd, DPL, PepCo
 - All networked facilities $\geq 100\text{kV}$
 - PECO
 - All networked facilities $\geq 69\text{kV}$
- Tables 1A and 1B – Adequacy Criteria
 - Minor clarifications
 - Added N-1-1 for underground facilities at 90/10 load for PECO in the Philadelphia Central Business District
 - Aligns with ComEd (Chicago), BGE (Baltimore), PepCo (Washington DC)
- Table 2 - Transmission Facility Voltage Stability Criteria
 - Voltage Stability Margins by peak load percentage rather than single MW value for all (Recognizes that our Operating Companies have different peaks so margins are applied accordingly)
 - Deleted rows no longer required since ComEd retired its UVLS
 - Added back in footnote on NERC TPL-001-4 that was inadvertently left off last year