

PSE&G Modeling & Procedures



PSE&G
We make things work for you.

Base Case Models

- Use PJM RTEP models for all assessments; includes PSE&G 69kV network.
- Multi-regional Modeling Working Group (MMWG) 2016 series models for years where no PJM case is available, consistent with methodology in PJM Manual 14B.
- All RTEP projects with in-service dates prior to the study year summer are modeled as in-service.

Planning Criteria

- NERC Reliability Standards
 - Applied to all BES facilities
 - TPL-001-4
- PJM Regional Transmission Planning Process: Manual 14B
- PSE&G Planning Criteria
 - Detailed in FERC 715 filing submitted annually
- Transformer Life Cycle Strategy

System Load

- Summer and winter peaks loads will be consistent with the load levels shown in the 2017 PJM Load Forecast Report for regional level analyses.
- PSE&G local area analyses use PSE&G load forecast data.
- Shoulder-season loads follow convention detailed in the Eastern Interconnection Reliability Assessment Group MMWG Procedural Manual.

PSE&G Supplemental Projects

- Projects that are not the result of violations to NERC TPL Standards, PJM or PSE&G reliability criteria, but address problems that impact PSE&G reliability performance and standards.
 - Maintaining reliability to the PSE&G customers and sub-transmission network by minimizing the impact of forced/scheduled outages.
 - Addressing PSE&G's maximum allowable load drop.
 - Addressing equipment condition.
 - Improving and maintaining a reliable supply to the distribution system.
 - Modernizing the system to improve operational performance (e.g. optical fiber, telemetry upgrades).
 - Aging infrastructure on the distribution system.
 - Insufficient capacity on the distribution system.