PSE&G Modeling & Procedures
Base Case Models

• Use PJM RTEP models for all assessments; includes PSE&G 69kV network

• MMWG 2013 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, TPL-002, TPL-003, TPL-004

- PJM Regional Transmission Planning Process: Manual 14B

- PSE&G Planning Criteria
  - Detailed in FERC 715 filing
System Load

- Summer and winter peaks loads will be consistent with the load levels shown in the 2014 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
Supplemental Projects

- Projects that are not a result of violations to NERC TPL standards, but impact PSE&G reliability criteria and standards
  - PSE&G studies and determines upgrades to maintain reliability to the PSE&G 138kV and sub-transmission network
  - Maximum allowable load drop
  - Equipment age and/or deterioration, reliability centered maintenance
  - Improve and maintain a reliable supply to the distribution system

- All proposed Supplemental Projects will be presented at the regional TEAC or sub-regional TEAC