PJM TEAC Meeting
2-8-2017
Questions Pertaining to Proposed Projects & Scopes

PSEG: Roseland – Branchburg – Pleasant Valley Corridor

1. What is the current limiting conductor on the line and what is the MVA rating of that conductor?

2. What is the conductor being proposed and what will be the MVA rating of that conductor?
3. Is there any station work associated with this proposed project? If so what is the scope of that station work?

4. Why is there such a large per mile cost difference between the N4469 “Replace Readington – Roseland 230kV” estimates when compared to the current proposal.
   a. N4469: Project was estimated at $142.7 M for the rebuild
   b. N4469: Base on PJM’s website this corridor is ~33 miles.
   c. N4469: This cost comes out to $4.32 M/mile.
   d. Current proposal 52 miles at a cost of $546M equating out to $10.5 M/mile.

5. Would the cost of the project be lower is a single circuit rebuild using existing ROW and was that considered?
1. How far into the future are PJM short studies currently looking?

2. Are FSA units and/or units not in-service included into the model?

3. What is the CB’s capability and duty %

4. With or without Transformer #6 in-service

5. How was the 345kV high side transformer tie modeled in the assessment?

6. Projected project ISD?
1. Why wasn’t this project brought to stakeholders prior to going into construction

2. Was the overload on the OVEC system considered with this project scope?
1. What are the ages of the CB’s?

2. How many fault and switch operations have the CB had?

3. What type of oil circuit breakers are these and who manufactured them. (GE-FKs)?

4. Does BGE conduct oil testing on CB’s, If so would BGE be will to provide the oil sampling data?
1. What is the future 0626 shown on the one-line?
2. Is this station the same station that was impacted by S0363 Circuit Switcher which cost $0.45 M
3. What will be done with this circuit switcher once the ring goes into service?
4. Will the transformer be protected by a Circuit and two 345kV circuit breakers associated with the ring bus installation?
5. What not just install line circuit breakers similar to the previous project?
1. What voltage are the CB’s?

2. Number of fault operations?

3. Current breaker duties %