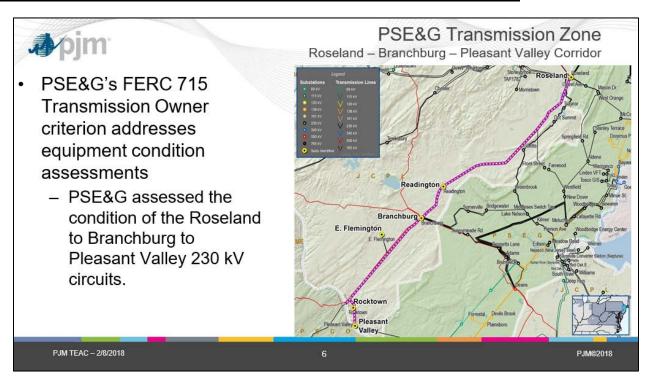
PJM TEAC Meeting

2-8-2017

Questions Pertaining to Proposed Projects & Scopes

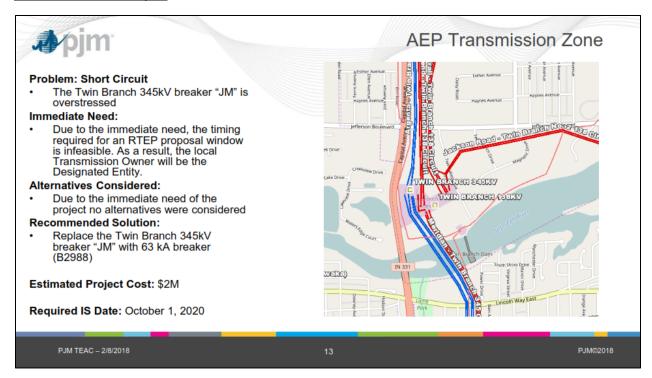
<u>PSEG: Roseland – Branchburg – Pleasant Valley Corridor</u>



- 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

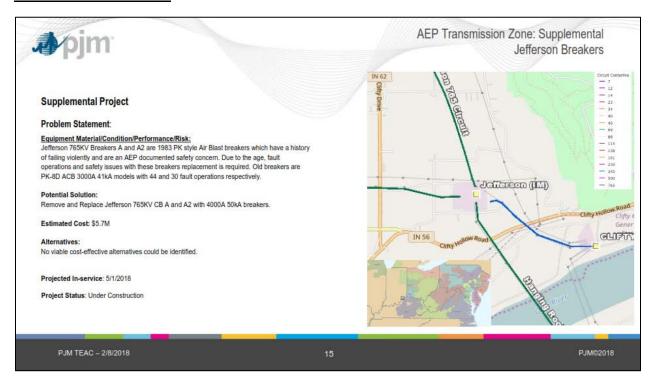
- 3. Is there any station work associated with this proposed project? If so what is the scope of that station work?
- 4. Why is there such a large per mile cost difference between the N4469 "Replace Readington Roseland 230kV" estimates when compared to the current proposal.
 - a. N4469: Project was estimated 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?

AEP: Twin Branch Project



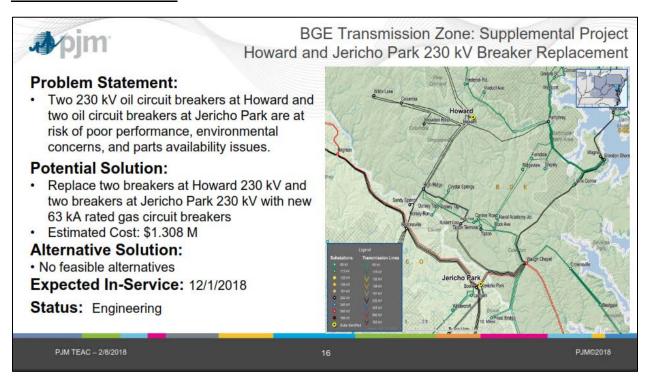
- 1. How far into the future are PJM short studies currently looking?
- 2. Are FSA units and/or units not in-service included into the model?
- 3. What is the CB's capability and duty %
- 4. With or without Transformer #6 in-service
- 5. How was the 345kV high side transformer tie modeled in the assessment?
- 6. Projected project ISD?

AEP: Jefferson Breakers

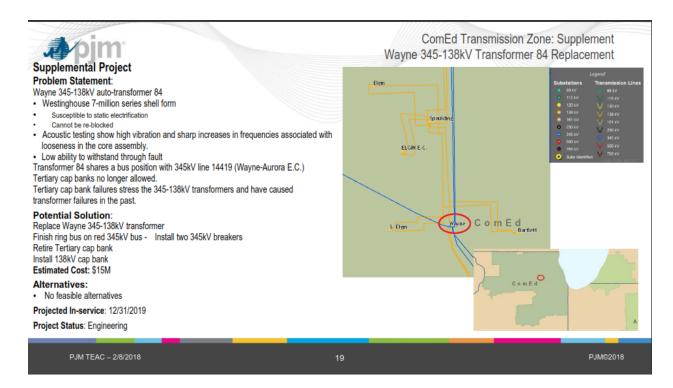


- 1. Why wasn't this project brought to stakeholders prior to going into construction
- 2. Was the overload on the OVEC system considered with this project scope?

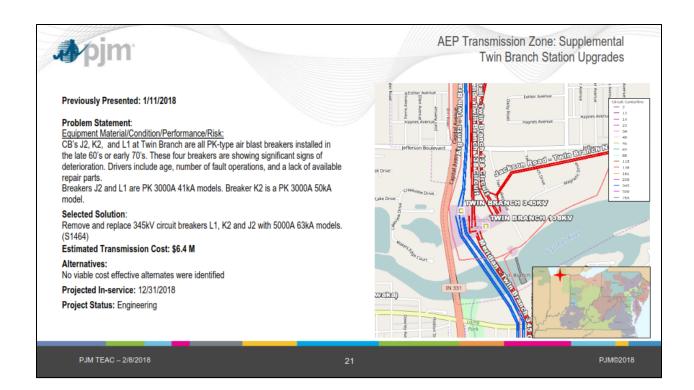
AEP: Howard and Jericho



- 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 %