Y3-053 Kearny #12 230kV & #13 & #14 138kV

Generation Interconnection

Network Impacts

The Queue Project #Y3-053 was studied as a 13.0MW (Capacity13.0MW) injection at the Kearny 12, 13 and 14 13.8 kV substations in the PSEG area. Project #Y3-053 was evaluated for compliance with reliability criteria for summer peak conditions in 2017. Potential network impacts were as follows:

Generator Deliverability

(Single or N-1 contingencies for the Capacity portion only of the interconnection)

No problems were identified.

Multiple Facility Contingency

(Double Circuit Tower Line contingencies only for the full energy output. Stuck breaker and bus fault contingencies will be performed for the Deliverability Study)

No problems were identified.

Short Circuit

No problems were identified

Stability Analysis

This analysis will be completed in the Impact Study.

Contribution to Previously Identified Overloads

(This project contributes to the following contingency overloads, i.e. "Network Impacts", identified for earlier generation or transmission interconnection projects in the PJM Queue)

None.

New System Reinforcements

(Upgrades required to mitigate reliability criteria violations, i.e. "Network Impacts", initially caused by the addition of this project generation)

None

Contribution to Previously Identified System Reinforcements

(Overloads initially caused by prior Queue positions with additional contribution to overloading by this project. This project may have a % allocation cost responsibility which will be calculated and reported for the Deliverability Study)

None