

Generation Interconnection

This analysis was completed to assess the reliability impact for a new generator interconnecting to the PJM system as a Capacity resource.

Network Impacts - 200 MW Capacity Injection

Capacity injection of 200 MW into the Salem to East Windsor 500kV line was evaluated to determine Network Impacts. The following is a summary of the results:

Generator Deliverability

No identified problems.

Multiple Facility Contingency – Tower Line Outages (MAAC Criteria IIC)

No identified problems.

Short Circuit

No identified problems.

New System Reinforcements

None

Contribution to Previously Identified System Reinforcements

The #H7 project will contribute to the cost of the following previously identified network reinforcements:

1. Reconductoring of the Deans - Brunswick 230 kV circuit with 1590 ACSS. The project contributes approximately 14 MW and the cost is estimated at \$4.0 million.

Cost allocation percentages are not provided as part of the Feasibility Study analysis, however, cost allocation will be provided at the conclusion of the Queue D, E, F & G Impact Study evaluations.