

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 -2 MW Additional Injection into the Susquehanna 500kV substation (H1)

Network Impacts

The H01 project was modeled as a 2 MW increase to the existing Susquehanna Unit #2. Project H01 was evaluated for compliance with reliability criteria for summer peak conditions in 2005. Potential network impacts were as follows:

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

No new reinforcement is required.

Contribution to Previously Identified System Reinforcements

None