

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

Network Impacts -9 MW Additional Injection into the Susquehanna 230kV substation (H2)

Network Impacts

The H02 project was modeled as a 9 MW increase to the existing Susquehanna Unit #1. Project H02 was evaluated for compliance with reliability criteria for summer peak conditions in 2005. Potential network impacts are 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