

#N39 – Johnstown-Altoona 230kV 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

The #N39 project was studied as total injection of 80 MW (16 MW of capacity) into a connection to the Johnstown – Altoona 230 kV circuit. Project #N39 was evaluated for compliance with reliability criteria for summer peak conditions in 2008. Potential network impacts were as follows:

Generator Deliverability

No problems were identified.

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

No identified problems

Single Contingency

No new overload conditions were identified.

Short Circuit

The Short Circuit evaluation will be completed in the Impact Study.

New System Reinforcements

None required