

Generation Interconnection

This analysis was completed to assess the reliability impact for an increase in generator capability interconnecting to the PJM system as a capacity resource.

Network Impacts

The #N10 project was studied as an addition of 6 MW to the existing generating plants connected to the Grangston 138 kV substation. Project #N10 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

No problems were identified

Short Circuit

Not required (No machine parameter changes)

Contribution to Previously Identified Overloads

None