

#Q18 Pleasantville 5 MW
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 - 5 MW Capacity Injection

The Queue #Q18 project was studied as a Capacity injection of 5 MW into Moser 34.5 kV circuit 341. Project #Q18 was evaluated for compliance with Transmission System reliability criteria for summer peak conditions in 2010.

Network impacts were as follows:

Generator Deliverability

No problems identified.

Contingency Analysis for Compliance with Transmission Owner Reliability Criteria

No problems were identified

Short Circuit

Not required, generators are existing Energy Resources.

Stability (MAAC Criteria IV)

Not required for small generators connected at distribution voltage.

New System Reinforcements

None.

Contribution to Previously Identified System Reinforcements

None.

DMS # 370750