

#Q44 Elizabethtown 0.3 MW
Generation Interconnection

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

Network Impacts - 0.3 MW Energy Injection

The Queue #Q44 project was studied as an Energy injection of 0.3 MW into the Elizabethtown 12kV bus. Project #Q44 was evaluated for compliance with Transmission System reliability criteria for summer peak conditions in 2010.

Network impacts were as follows:

Generator Deliverability

Not required for an Energy Resource.

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 # 376751