

#Q76_Quinton 2 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

The Q76 project was studied as a 2 MW (Net) Capacity injection into the Quinton 12 kV circuit NJ1311. Q76 was evaluated for compliance with reliability criteria for summer peak conditions in 2011. Potential network impacts were as follows:

Generator Deliverability (Single Contingency)

No problems identified.

Local System Network Impacts

No problems identified.

Short Circuit Analysis

No problems identified.

Stability Analysis

Not required for small generation projects connected to distribution facilities.

Network Upgrade Requirements

None required.

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