

#Q29 – Zion 12kV
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 #Q29 project was studied as an injection of 5.4 MW (Capacity) into the Zion TDC 282 distribution substation. Project #Q29 was evaluated for compliance with PJM reliability criteria for summer peak conditions in 2011. Potential network impacts were as follows:

Generator Deliverability

No problems were identified.

Multiple Facility Contingency

No problems were identified.

Contribution to Previously Identified Overloads

None

Short Circuit

No problem identified.

New System Reinforcements

None identified.