

#Q32- Gosport 115kV (30 MW)
Generator 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

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The #Q32 project was studied as an injection of 30 MW (capacity) into the Gosport Substation. Project #Q32 was evaluated for compliance with reliability criteria for summer peak conditions in 2011. Potential network impacts were as follows:

Generator Deliverability

No problem identified.

Multiple Facility Contingency

No problem identified.

Contribution to Previously Identified Overloads

None

New System Reinforcements

No problem identified

Contribution to Previously Identified System Reinforcements

None

Short Circuit

No problem identified

Stability Analysis

Not required.