

#O46 and P03 Frackville – Hauto #3 69kV 3.3 MW
Generation Interconnection

This analysis was completed to assess the reliability impact for a new generator interconnecting to the PJM system as an Energy (3.3 MW) and Capacity resource (0.66MW).

Note: Queues O46 (2 MW) and P03 (1.3 MW) are additions to Queue N14.

Network Impacts

The O46 and P03 projects were studied as an injection of 3.3 MW energy (0.66 MW capacity) into the Frackville-Hauto #3 69 kV line. Projects O46 and P03 was evaluated for compliance with reliability criteria for summer peak conditions in 2009. Potential network impacts were as follows:

Local System Impacts (Normal system conditions with all facilities in service)

No Problems identified.

Generator Deliverability (single contingency)

No identified problems.

Stability (MAAC Criteria IV)

Not required.

Short Circuit Analysis

No identified problems.

Contribution to Previously Identified System Reinforcements

None

New System (Local Upgrades) Reinforcements

None.

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