

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 -45 MW Injection into the Somerset-Allegheny 115kV transmission line (I4)

Network Impacts

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The Somerset - Allegheny # I04 project was studied as a 45 MW Energy only injection into the Somerset – Allegheny 115 kV circuit. Project # I04 was evaluated for compliance with reliability criteria for summer peak conditions in 2005. Potential network impacts were as follows:

Generator Deliverability

No identified problems.

Multiple Facility Contingency – Tower Line Outages (MAAC Criteria IIC)

No identified problems.

Short Circuit

No identified problems.

New System Reinforcements

None

Contribution to Previously Identified System Reinforcements

None.