

Generation Interconnection

This analysis was completed to assess the reliability impact for a new generator interconnecting to the PJM system as a energy resource.

Network Impacts -10 MW Injection at Somerset 22.86kV

Network Results

Potential network impacts for the injection of 10 MW at the Somerset 115/22.86 kV substation was evaluated as an energy only unit for summer peak conditions in 2005. The system, as planned, was evaluated for compliance with reliability criteria. The results are summarized below:

Normal System

- No problems identified.

Multiple Facility Contingency (MAAC Criteria IIC)

- No problems identified.

Short Circuit Analysis

- No problems identified.

System Reinforcements

- No network reinforcements were identified as being required for installation of this project.