

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 -32 MW Injection into the Birdsboro 69kV substation (G47)

Network Impacts

Potential network impacts for the injection of 32 MW into the Birdsboro –Lorane - South Reading 69 kV circuit was evaluated for summer peak conditions in 2005.

Normal System

No identified problems.

Multiple Facility Contingency (MAAC Criteria IIC)

No identified problems.

Generator Deliverability

No identified problems.

Short Circuit Analysis

No identified problems.

Contribution to Previously Identified System Reinforcements

None

System Reinforcements

No new system reinforcements are required.

The G47 project did not contribute to any previously identified problems