



Generation Interconnections

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

Network Impacts -16.9 MW Injection into the Wright 69kV substation (H4)

Network Impacts

Potential network impacts for the injection of 16.9 MW into the Jenkins-Harwood #2 69 kV circuit are listed below. The project was evaluated as an energy only facility.

Normal System

- No identified problems.

Multiple Facility Contingency (MAAC Criteria IIC)

- No identified problems.

Generator Availability

- No identified problems for an energy only unit.

Short Circuit Analysis

- No identified problems.

System Reinforcements

- None identified for an energy only unit.

Energy only generating facilities may be curtailed by PJM based upon transmission system conditions. Since these are unmanned units, the PPL Electric Utilities control room will issue a SCADA control signal via telephone line to disconnect the units.