

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 -16.9 MW Injection into the Jenkins-Harwood #2 69kV transmission line (E11/E15)

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 Deliverability

- No identified problems for an "energy only" plant.

Short Circuit Analysis

- No identified problems

System Reinforcements

- None identified for an "energy only" plant.

Energy only generating facilities may be curtailed by PJM based upon transmission system conditions. Since the proposed facility is unmanned, when requested by PJM, PPL Utilities operations center will initiate a SCADA control signal via telephone line to disconnect the generation.