



Generation Interconnections

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

Network Impacts - 47 MW into the Ironwood 230 kV Bus

Potential network impacts for the injection of 47 MW into the Ironwood 230 kV bus were evaluated for summer peak conditions in 2004.

A summary of the results follows:

Network Impacts

All load flow studies were performed under the assumption that the Yorkana - Otter Creek 230 kV line is in service. The C2 project cannot be granted capacity certification without the Yorkanna - Otter Creek 230 kV line in service.

Normal System

- No identified problems.

Single Contingency (MAAC Criteria IIA)

- No identified problems.

Multiple Facility Contingency (MAAC Criteria IIC)

- No identified problems.

Generator Deliverability

- No identified problems.

Short Circuit Analysis

- No identified problems.

System Reinforcements

- No identified reinforcements.

