

NORTH FRANKLIN PROJECT (J07)

FEASIBILITY STUDY ANALYSIS

Network Impacts

The # J07 project was studied with a total of 200 MW capacity injection into the Allegheny Power 138 kV system at the North Franklin Substation. Project # J07 was evaluated for compliance with reliability criteria for summer peak conditions in 2007. Potential network impacts were as follows:

Normal System:

No identified problems.

Single Contingency:

No identified problems.

Multiple Facility Contingencies (i.e. Tower Line Outages):

No identified problems.

Generator Deliverability:

No identified problems.

Short Circuit Study:

No breaker replacements required for interconnection.

New System Reinforcements (Upgrades):

No identified problems.

Contribution to Previously Identified System Reinforcements:

None.

Cost allocation percentages are not provided as part of the Feasibility Study analysis, however, cost allocation will be provided during the Impact Study evaluations.