

**#N45 Fort Martin 500kV
Generation Interconnection**

Network Impacts

The #N45 project was studied as a total injection of 600 MW into a tap of the Fort Martin – 502 Junction (to Harrison) 500 kV circuit segment. Project #N45 was evaluated for compliance with reliability criteria for summer peak conditions in 2008. Potential network impacts were as follows:

Generator Deliverability

No problems were identified.

Multiple Facility Contingency – Tower Line Outages

No problems were identified.

Contribution to Previously Identified Overloads

None

New System Reinforcements

None

Contribution to Previously Identified System Reinforcements

None

Short Circuit

No problems were identified.