

#Q79 – Fort Martin – Kammer 500kV  
**Generation Interconnection**

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

**Network Impacts**

**The #Q79 project was studied as an injection of 100 MW into a tap of the Fort Martin – 502 Junction (to Harrison) 500 kV circuit segment.** The project was evaluated for compliance with reliability criteria for summer peak conditions in 2011. Potential network impacts were as follows:

**Generator Deliverability**

No problems were identified

**Multiple Facility Contingency**

No problems were identified

**Contribution to Previously Identified Overloads**

No problems were identified

**New System Reinforcements**

None

**Contribution to Previously Identified System Reinforcements**

To be determined at the System Impact Study

**Short Circuit**

No overdutied breakers were identified.