

#M09 Island Road 230 kV  
**Transmission 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 system, as planned, was evaluated for compliance with reliability criteria. **The Queue M09 project was studied as a 50 MW load withdrawal on the Island Rd. to Grays Ferry 230kV line during summer peak 2008.** The results are summarized below.

**Normal System**

No problems identified.

**Generator Deliverability (Single Contingency MAAC Criteria IIA)**

No problems identified.

**Second Contingency (MAAC Criteria IIB)**

No problems identified.

**Multiple Facility Contingency (MAAC Criteria IIC)**

No problems identified.

**Short Circuit Analysis**

No Problems Identified.

**New System Reinforcement Requirements**

None.

**Cost Allocation for Previously Identified Reinforcements**

None.