

# 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- 630 MW Injection into the Bath County 500kV Substation (# I09)**

The # I09 project was studied as 630MW capacity increase at Bath County 500kV substation. Project #I09 was evaluated for compliance with reliability criteria for summer peak conditions in 2006.

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 identified breaker replacements required for interconnection.

### **New System reinforcements (upgrades)**

None identified.

### **Contribution to Previously Identified System Reinforcements**

None.

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