

## **Generation Interconnection**

**This analysis was completed to assess the reliability impact for a adding new plant auxiliary load to a generator interconnected to the PJM system.**

### **Network Impacts**

The Hudson #L21 project was studied as 25 MW station load for unit #2. Two alternatives were evaluated to serve the station load. The first alternative was connection to the Hudson 230 kV substation and the second was connection to the Marion 138kV substation. Project # L21 was evaluated for compliance with reliability criteria for summer peak conditions in 2008. Potential network impacts were as follows:

### **Generator Deliverability**

No identified problems for either option.

### **Multiple Facility Contingency – Tower Line Outages (MAAC Criteria IIC)**

No identified problems for either options.

### **Short Circuit**

Not required.

### **New System Reinforcements**

None

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

None.