

## **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 -15 MW Increased Injection into the Hudson 230kV substation (J02)**

The Hudson #J02 project was studied as a 15 MW capacity increase to the Hudson unit #2 at Hudson 230 kV substation. Project # J02 was evaluated for compliance with reliability criteria for summer peak conditions in 2007. Potential network impacts were as follows:

#### **Generator Deliverability**

No identified problems.

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

No identified problems.

#### **Short Circuit**

Short circuit analysis was not done since there is no change in the machine impedances.

#### **New System Reinforcements**

None

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

None.