

## M12 Susquehanna 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 #M12 project was evaluated as a 107MW capacity injection into the Susquehanna 500kV bus. Project #M12 was evaluated for compliance with MAAC reliability criteria for summer peak conditions in 2008. Potential network impacts were as follows:

#### **Normal System**

- No identified problems.

#### **Single Contingency (MAAC Criteria IIA)**

- No identified problems.

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

- No identified problems.

#### **Generator Deliverability**

- No identified problems.

#### **Short Circuit Analysis**

- No identified problems.