

## **O54 – Beaver Valley 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 #O54 project was studied as a total injection of 77 MW into the Beaver Valley Substation. Project #O54 was evaluated for compliance with reliability criteria for summer peak conditions in 2009. Potential network impacts were as follows:

### **Generator Deliverability**

No problems were identified.

### **Multiple Facility Contingency – Tower Line Outages**

No problems were identified.

### **Contribution to Previously Identified Overloads**

None.

### **New System Reinforcements**

None.

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

None.

### **Short Circuit**

No required breaker replacements were identified.