

## **#O32 – Mountaineer 765kV Generation Interconnection**

**This analysis was completed to assess the reliability impact for an existing generator moving from behind the meter and interconnecting to the PJM system as a capacity resource.**

### **Network Impacts**

The #O32 project was studied as a capacity increase of 25 MW at the Mountaineer 765 kV generating substation. Project #O32 was evaluated for compliance with reliability criteria for summer peak conditions in 2009. Potential network impacts were as follows:

### **Generator Deliverability**

No problems identified

### **Multiple Facility Contingency**

No problems identified

### **Short Circuit**

Not required, since there are no changes to the generating unit electrical characteristics.

### **New System Reinforcements**

None required

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

None identified