

# O10 Edgemoor 5 MW  
**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 - 5 MW Capacity Injection**

The **O10 project was studied as a 5 MW Capacity injection into the Edgemoor 138 kV bus.** Project O10 was evaluated for compliance with reliability criteria for summer peak conditions in 2008. Potential network impacts were as follows:

**Generator Deliverability**

No problems were identified

**Multiple Facility Contingency**

No problems were identified

**Contribution to Previously Identified Overloads**

None

**Short Circuit**

Not required. There were no changes to the generator or step-up transformer impedances

**New System Reinforcements**

None

**Contribution to Previously Identified System Reinforcements**

None