

# N05 Edgemoor 9 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 - 9 MW Capacity Injection**

The system, as planned, was evaluated for compliance with reliability criteria. **The # N05 Edgemoor 9 MW project was studied as a Capacity injection into the Edgemoor 69 kV bus.** The results are summarized below.

**Generator Deliverability (Single Contingency)**

No Problems.

**Multiple Facility Contingency – Tower Line Outages**

No problems were identified

**Short Circuit**

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

**Stability Analysis**

Not required for MW increases of less than 25 MW if there are not know stability concerns.

**New System Reinforcements**

None.

**Contribution to Previously Identified System Reinforcements**

None.