

#K27 Calvert Cliffs 35 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 - 35 MW Capacity Injection

The Calvert Cliffs Queue K27 project was studied as 35 MW capacity injection at Calvert Cliffs 500 kV substation. Project K27 was evaluated for compliance with reliability criteria for summer peak conditions in 2007. Potential network impacts were as follows:

Generator Deliverability

No identified problems.

Multiple Facility Contingency – Tower Line Outages (MAAC Criteria IIC)

No identified problems.

Short Circuit

No identified problems.

System Reinforcement Requirements

None.