

Generation Interconnection

This analysis was completed to assess the reliability impact for a new generator interconnecting to the PJM system as an capacity resource.

Network Impacts

The Laurel Run (Bear Creek II) L05 project was studied as 25 MW energy only and a 5 MW capacity injection at Bear Creek 69 kV substation. Project L05 was evaluated for compliance with reliability criteria for summer peak conditions in 2008. Potential network impacts were as follows:

Generator Deliverability

Not required.

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

No identified problems.

Short Circuit

No identified problems.

New System Reinforcements

None

Contribution to Previously Identified System Reinforcements

None.