

S63 Tait 69kV (Tait Generating Units)

Generator 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

The #S63 project was studied as a 13 MW increase in Capacity to the existing generating facility at Tait 69kV. Project #S63 was evaluated for compliance with reliability criteria for summer peak conditions in 2012. 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

New System Reinforcements

None

Contribution to Previously Identified System Reinforcements

None

Short Circuit

Not required. There is no change to the electrical characteristics of the units or the GSU.

Stability

Not required as the increase in capacity request is for less than 30 MW.