

#N11 - Wolf Hills
Generation Interconnection

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

Network Impacts

The #N11 project was studied as an addition of 15 MW to the existing generating plant at the Wolf Hills 138 kV facility. Project #N11 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 – Tower Line Outages (ECAR Standard 3)

No problems were identified

Short Circuit

Not required (No machine parameter changes)

New System Reinforcements

None

Contribution to Previously Identified System Reinforcements

None

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