

#M18/N21 Sublette 4.2 MW
Generator Interconnection

This analysis was completed to assess the reliability impact for a new generator interconnecting to the PJM system as a Capacity / Energy Wind Turbine Generating Resource.

Network Impacts

The system, as planned, was evaluated for compliance with reliability criteria. **The Sublette M18/N21 project was studied as a 4.2 MW generating resource (0.84 MW Capacity) interconnection to the 34.5 kV line L10761.** The results are summarized below.

Generator Deliverability

No problem identified.

Local System Impacts- (Normal conditions, all facilities in service)

No problem identified.

Stability Analysis

Not applicable for small generators connected to the distribution system.

Short Circuit Analysis

No problems identified.

Network Upgrade Requirements

None.