

#M09 CE28 Wempletown 200 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 - 40 MW Capacity Injection plus 160 MW Energy Injection

The system, as planned, was evaluated for compliance with reliability criteria. **The #M09_CE28 Wempletown project was studied as an 200 MW generating resource interconnection with a 40 MW Capacity and 160 MW Energy injection into the Wempletown – Byron 345 kV line.** The results are summarized below.

Normal System

No problems identified.

Generator Deliverability

Not required for an Energy Resource.

Local System Reliability Criteria

No problems identified.

Stability Analysis

Will be performed for the Impact Study.

Short Circuit Analysis

No problems identified.

Network Upgrade Requirements

None.