

#L01_CE21 Pearl City 15 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 - 3 MW Capacity Injection plus 12 MW Energy Injection

The system, as planned, was evaluated for compliance with reliability criteria. **The #L01_CE21 Pearl City project was studied as an 15 MW generating resource interconnection with a 3 MW Capacity and 12 MW Energy injection into the Lena (TSS 180) 34kV bus.** 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

Not required.

Short Circuit Analysis

No problems identified.

Network Upgrade Requirements

None.