

#L13_CE27 Livingston 225 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 - 45 MW Capacity Injection plus 180 MW Energy Injection

The system, as planned, was evaluated for compliance with reliability criteria. **The #L13_CE27 Livingston project was studied as an 225 MW generating resource interconnection with a 45 MW Capacity and 180 MW Energy injection into the 345kV Pontiac TSS 80.** 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 L13_CE27 Impact Study.

Short Circuit Analysis

No problems identified.

Network Upgrade Requirements

None.