

L13 - Rockwood-Arnold (Casselman) 115 kV Generation Interconnection

This analysis was completed to assess the reliability impact for a new generator interconnecting to the PJM system as a capacity resource for 20 % of its total capability and energy-only for the remaining 80 % of its capability.

Network Impacts

The #L13 Rockwood-Arnold (Casselman) project was studied as a total of 40MW injection into the 115kV circuit between Rockwood and Arnold. Eight megawatts, 20%, of the project was studied as a capacity injection and the remaining 32MW was studied as an energy only injection. Project # L13 was evaluated for compliance with reliability criteria for summer peak conditions in 2008. Potential network impacts were as follows:

Generator Deliverability

No identified problems.

Multiple Facility Contingency (MAAC Criteria IIC)

No identified problems

New System Reinforcements

None

Contribution to Previously Identified System Reinforcements

None.