

#R62 – Big Sandy 138kV **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

The #R62 project was studied as a capacity increase of 20 MW at the Big Sandy 138 kV substation. Project #R62 was evaluated for compliance with reliability criteria for summer peak conditions in 2012. Potential network impacts were as follows:

Generator Deliverability

No problems identified

Multiple Facility Contingency

No problems identified

Short Circuit

Not required, since there are no changes to the generating unit electrical characteristics.

Contribution to Previously Identified Overloads

No problems were identified

New System Reinforcements

None

Contribution to Previously Identified System Reinforcements

None

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