

R31 Hopewell 230-kV Generator Interconnection

Network Impacts

Queue #R31 project is an existing facility was studied as an 18 MW energy (8 MW of Capacity) increase injecting into the Hopewell 230 kV substation in the Dominion territory. Project #R31 was evaluated for compliance with reliability criteria for summer peak conditions in 2011. Potential network impacts were as follows:

Generator Deliverability

No problems were identified.

Multiple Facility Contingency

No problems were identified.

Contribution to Previously Identified Overloads

No problems were identified.

New System Reinforcements

None.

Contribution to Previously Identified System Reinforcements

None.

Short Circuit

Not required from PJM or Dominion as no changes to the electrical characteristics of the units were proposed.

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