

S111 & S115 Surry 500-kV and S113 & S114 Surry 230-kV **Generation Interconnection**

The PJM Queue S111 and S115 Projects were studied as an increase of 90 MW (capacity) at Surry 500-kV and PJM Queue S113 and S114 were studied as an increase of 90 MW (capacity) at Surry 230-kV substation. Projects S111, S113, S114 and S115 were evaluated for compliance with reliability criteria for summer peak conditions in 2012.

Network Impacts

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

To be determined at the System Impact Study.

Contribution to Previously Identified System Reinforcements

To be determined at the System Impact Study.

Short Circuit

PJM and Dominion studies indicate that there is no impact to breaker interrupting capabilities in Dominion's service area due to S111, S113, S114 and S115. These results are subject to change due to changing system conditions.

Dominion First Contingency Incremental Transfer Capability (FCITC)

No Problems were identified.