

Queue #Q09 – Emporia 12.5kV  
**Generator Interconnection**

**Feasibility Study**

***Network Impacts***

**Network Impacts**

The #Q09 project was studied as an injection of 2.5 MW (capacity) into Dominion's Emporia Substation Circuit 702. Project #Q09 was evaluated for compliance with reliability criteria for summer peak conditions in 2011. Potential network impacts were as follows:

**Generator Deliverability**

No problem identified.

**Multiple Facility Contingency**

No problem identified.

**Contribution to Previously Identified Overloads**

None

**Contribution to Previously Identified System Reinforcements**

None

**Short Circuit**

No problem identified.