

#Q58 Sunbury - Susquehanna 100 MW  
**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 Queue Q58 wind generation project was studied as a **100 MW (energy) and 20 MW Capacity injection into the Sunbury – Susquehanna 230kV line** for summer peak conditions in 2011. Network impact results were as follows:

**Generator Deliverability (single contingency)**

No problems identified.

**Local System Impacts**

No problems identified.

**Multiple Facility Contingency (MAAC Criteria IIC)**

No problems identified.

**Short Circuit Analysis**

No problems identified.

**Stability (MAAC Stability Criteria)**

Stability analysis will be performed during Impact Study.

**Network Upgrade Requirements**

No network upgrades are required.

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