

#Q31 Wagner 10 MW  
**Generation Interconnection**

**This analysis was completed to assess the reliability impact for a new generator interconnecting to the PJM system as an Energy Resource.**

**Network Impacts - 10 MW Energy Injection**

The Queue #Q31 project was studied as an energy injection of 10 MW into Wagner 34.5 kV bus. Project #Q31 was evaluated for compliance with Transmission System reliability criteria for summer peak conditions in 2010. Network impacts were as follows:

**Contingency Analysis for Compliance with Transmission Owner Reliability Criteria**

No problems were identified

**Short Circuit**

Not required, generators are existing Energy Resources.

**Stability (MAAC Criteria IV)**

Not required for small generators connected at distribution voltage.

**New System Reinforcements**

None.

**Contribution to Previously Identified System Reinforcements**

None.

[DMS # 377335](#)