

**#Q81 – Amos #3 765kV 20 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 #Q81 project was studied as a 20-MW capacity increase to the #3 unit at the Amos 765 kV generating facility in the AEP territory. Project #Q81 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

**Short Circuit**

Not required as no changes to the electrical characteristics of the units were proposed

**Contribution to Previously Identified Overloads**

No problems were identified

**New System Reinforcements**

None

**Contribution to Previously Identified System Reinforcements**

None