

**#R66 – Fair Lawn 138kV**  
**Generation Interconnection**

**This analysis was completed to assess the reliability impact for the increase in generation interconnecting to the PJM system as a capacity resource.**

**Network Impacts**

The #R66 project was studied as a 20 MW increase in capacity to the existing Fair Lawn 26 kV substation in the PSEG territory. Project #R66 was evaluated for compliance with reliability criteria for summer peak conditions in 2011. Potential network impacts were as follows:

**Generator Deliverability**

*(Single or N-1 contingencies for the Capacity portion only of the interconnection)*

No problems were identified

**Multiple Facility Contingency**

*(Double Circuit Tower Line contingencies only for the full energy output. Stuck breaker and bus fault contingencies will be performed for the Impact Study)*

No problems were identified

**Short Circuit**

No problems identified.

**Contribution to Previously Identified Overloads**

*(This project contributes to the following contingency overloads, i.e. “Network Impacts”, identified for earlier generation or transmission interconnection projects in the PJM Queue)*

No problems were identified

**New System Reinforcements**

None

**Contribution to Previously Identified System Reinforcements**

None