

#R76 Kanawha River (Hawks Nest)  
**Generator 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 #R76 project was studied as a 44 MW energy injection into the Kanawha River 138 kV substation. Project #R76 was evaluated for compliance with reliability criteria for summer peak conditions in 2008. Potential network impacts were as follows:

**Multiple Facility Contingency**

No problems identified

**Contribution to Previously Identified Overloads**

No problems were identified

**Short Circuit**

Not required, since there are no changes to the generating unit electrical characteristics.

**New System Reinforcements**

None

**Contribution to Previously Identified System Reinforcements**

None