

**#R12 Bedington – Nipetown 138 kV**  
**Merchant Transmission Interconnection**

**This analysis was completed to assess the reliability impact for a merchant transmission upgrade in the PJM system.**

**Network Impacts:**

The #R12 project was studied as circuit upgrades to the Bedington – Nipetown 138 kV circuit. Project # R12 was evaluated for compliance with reliability criteria for summer peak conditions in 2011.

**Normal System (ECAR Standard 1):**

No identified problems.

**Single Contingency (ECAR Standard 2):**

No identified problems.

**Multiple Facility Contingency (ECAR Standard 3):**

No identified problems.

**Generator Deliverability:**

No identified problems.

**Short Circuit Study:**

No identified problems.

**New System reinforcements (upgrades):**

None.

**Contribution to Previously Identified System Reinforcements;**

None.

**The incremental deliverability rights (IDR) are 0 MW at Hatfield 500 kV bus.** The limiting facility is the Halfway – Marlow 138 kV line for the tower outage of the 138 kV lines from Clear Tap – Nipetown, and Clear Tap - Clear.