

#M26 Champion 272 MW  
Generation Interconnection

Network Upgrades:

Project # M26 was evaluated for compliance with reliability criteria for summer peak conditions in 2008.

**Network Impacts**

The #M26 project was studied as a 272 MW net capacity injection into the Smith – North Fayette 138 kV line.

**Normal System (ECAR Standard 1)**

No identified problems.

**Single Contingency (ECAR Standard 2)**

The Wylie Ridge – Smith 138 kV transmission line surpasses its load limit imposed by its conductor height.

**Multiple Facility Contingency – Tower Line Outages (ECAR Standard 3)**

No identified problems.

**Generator Deliverability**

No identified problems.

**Short Circuit Study**

No identified problems.

**New System reinforcements**

Increase the conductor height of the Wylie Ridge – Smith 138 kV transmission line with the replacement of about 13 towers.

**Contribution to Previously Identified System Reinforcements**

None identified.