

**#P40 Crescent Ridge138kV**  
(20 MW Energy and 4 MW Capacity)  
Generation Interconnection

**Network Impacts**

The #P40 project was studied as a 20 MW (4 MW of Capacity) injection at the Crescent Ridge 138 kV substation. Project #P40 was evaluated for compliance with PJM reliability criteria for summer peak conditions in 2010. Potential network impacts were as follows:

**Generator Deliverability**

No problems were identified.

**Multiple Facility Contingency**

No problems were identified.

**Contribution to Previously Identified Overloads**

No significant contributions to previously overloaded facilities were identified.  
To be finalized at the System Impact Study.

**Short Circuit**

There were no overdutied circuit breakers due to #P40 identified at this time. The short circuit study for #P40 considers overdutied breakers to be upgraded for projects ahead of #P40 in the PJM queue. If projects ahead of #P40 drop out, the short-circuit analysis will be repeated and #P40 may ultimately be responsible for breaker upgrades.

**New System Reinforcements**

None identified. To be finalized at the System Impact Study.

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