

## **W3-060 Kendallville (Kendallville Wind) 138kV**

### **Generation Interconnection**

#### **Network Impacts**

Queue project W3-060 project was studied as a(n) 120 MW (15.6 MW of which was Capacity) injection into AEP's system. Project W3-060 was evaluated for compliance with reliability criteria for summer peak conditions in 2014. Potential transmission network impacts are as follows:

Option #1 – Kendallville 138kV station & Option #2 Albion 138kV station

#### **Generator Deliverability**

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

No problems identified

#### **Multiple Facility Contingency**

*(Double Circuit Tower Line, Line with Failed Breaker and Bus Fault contingencies for the full energy output)*

No problems identified

#### **Short Circuit**

*(Summary form of Cost allocation for breakers will be inserted here if any)*

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 violations identified.

#### **New System Reinforcements**

None

#### **Energy Portion of Interconnection Request**

*(PJM also studied the delivery of the energy portion of the surrounding generation. Any potential problems identified below are likely to result in operational restrictions to the project under study. The developer can proceed with network upgrades to eliminate the operational restriction at their discretion by submitting a Transmission Interconnection request.*

*Note: Only the most severely overloaded conditions are listed. There is no guarantee of full delivery of energy for this project by fixing only the conditions listed in this section. With a Transmission Interconnection Request, a subsequent analysis will be performed which analyzes all overload conditions associated with the overloaded element(s) identified. As a result of the aggregate energy resources in the area, the following violations were identified.)*

None