

# **PJM Feasibility Study Report**

**Long-Term Firm Transmission Service**

**OASIS Assignment Reference 4966862**

**Queue Project AE1-096**

**January 31, 2019**

## **Network Impacts**

The Queue Project AE1-096 was evaluated as a 62 MW injection from PJM to the HTP Converter Station (O66) starting 6/01/21 and stopping 6/01/22. Project AE1-096 was evaluated for compliance with applicable reliability planning criteria (PJM, NERC, NERC Regional Reliability Councils, and Transmission Owners). Project AE1-096 was studied with a commercial probability of 100%. Potential network impacts were as follows:

## **Summer Peak Analysis - 2021**

### **Generator Deliverability**

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

No issues identified.

### **Multiple Facility Contingency**

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

No issues 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 issues identified.

### **System Reinforcements**

None required.