

# Joint Deliverability Analysis and Capacity Constructs

### **Problem Statement**

Capacity resources are not currently evaluated for joint deliverability to the combined load of both footprints, nor is load deliverability analyzed on the basis of the combined region. Capacity resources are not committed using common methodology. These factors may lead to some capacity resources not being selected as efficiently as possible when considering the combined RTO footprint. An opportunity may exist to optimize resource selection by implementing a common Day-Ahead Market and a common capacity auction across the combined region.

### **Issue Source**

These issues were identified in the MISO Capacity Deliverability Whitepaper.

## **Key Work Activities**

- Perform education for all stakeholders on the generation and load deliverability evaluation models, assumptions and processes in each RTO (short term)
- 2. Perform education for all stakeholders on the capacity market constructs in each RTO (medium term)
- 3. Perform education for all stakeholders on the Day-Ahead and Real-Time Energy Markets in each RTO (short term)
- 4. Identify enhancements to the processes in both RTOs:
  - Explore methods for joint deliverability analysis (dependent upon implementation of aligning model constructs, assumptions and analysis techniques for deliverability analysis in Capacity Deliverability Studies and Market Timelines problem statement) (medium to long term)
  - Explore methods for common capacity resource commitment across the RTOs (long term)
  - Explore methods to harmonize or combine Day-Ahead Market structures between the RTOs (long term)

### **Expected Deliverables**

It is expected that business process, manual, operating agreement and tariff revisions will be generated as appropriate for each RTO as well as revisions to the Joint Operating Agreement. It is understood that these documents will necessarily require endorsement through each RTO's stakeholder processes.

#### **Expected Overall Duration of Work**

It is expected that these issues would be addressed upon completion of the stakeholder process on other identified issues.