MISO-PJM JCM Template

Capacity Deliverability Issue Discussion
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- Issues and concerns have been raised regarding capacity deliverability
- MISO and PJM have summarized the issues and assigned a status
  - Requires Further Definition, Open, and Resolved
Capacity Deliverability Issue - Reliability

**Issue 1** – Some concerns have been raised regarding if reliability could be negatively impacted by allowing external resources to provide capacity.

**Response:**
- External resources provide a reliable economic source of capacity today in both capacity markets
  - MISO ~ 3500MW of external capacity
  - PJM ~ insert numbers
- External resources must meet all qualification and performance requirements
  - Firm Transmission
  - Physical Resources
  - Energy Market Must Offer Requirements

**Status:** Resolved
Capacity Deliverability Issue - Reliability

Issue 2 – Receiving Balancing Authority must have direct dispatch control over external capacity resources

Details:
- PJM presented external participation options at the Sept. JCM meeting
  - Pseudo-tie (direct dispatch control by receiving BA)
  - Fixed Schedules (dispatch control by host BA)
  - Dynamic Schedules (dispatch control by host BA)
- External resources are currently meeting performance requirements in both PJM and MISO without direct dispatch control

Status: Resolved
Issue 3 – Not all generators in MISO or PJM can be used to meet resource adequacy requirements across the border.

Details:
- MISO and PJM agree that there are limitations to the amount of capacity that can be reliably delivered across the seam (transmission and dispatch flexibility)
- How do we quantify what these limitations are?
- Do existing processes provide for efficient use of the transmission system?
- Do existing processes provide transparency into existing transmission limitations?

Status: Open
Issue 4 – Resolving capacity deliverability requires MISO and PJM to have the same capacity market designs

Details:
• MISO and PJM have both indicated that capacity has and will be able to continue to be sold across the seam despite any differences in capacity market design

Status: Resolved
Issue 5 – Resolving capacity deliverability requires MISO and PJM to have a common day ahead energy market

Details:
- MISO and PJM have both indicated that capacity has and will be able to continue to be sold across the seam despite different day ahead energy markets
- There may be opportunities to improve coordination of commitment, dispatch, and scheduling processes to improve operations with lead to new issue documentation

Status: Resolved
Issue 6 – Determine actual physical capability of the transmission system and volumes of transmission service used and available for future cross border capacity transactions

Details:
- MISO and PJM agree that all resources should be treated comparably when determining deliverability to load
- MISO and PJM are working with the OMS and OPSI to run transfer analysis to begin to better define the issue
- Future work, within the JCM process, includes determining how to coordinate joint deliverability studies and determining reliability limits on capacity transfers across the seam
- Need to ensure that Capacity Benefit Margin is included

Status: Open