Joint and Common Market

MISO – PJM FTR MODELING COORDINATION

9/20/2013
Highlights

• MISO and PJM recognize benefits of increased coordination in ARR/ FTR processes

• To that affect, MISO and PJM began coordinating the modeling of outages since the start of Planning Year 2013-14
  ➢ Identification and validation of outages

• Further increase coordination of constraints and flowgates for FTR auctions this planning year

• Align modeling practices, as appropriate, for the next planning year
Current Process of Gathering Outages in Each RTO

- MISO gathers MISO and PJM outages as following:
  - MISO Outages: From MISO CROW outage system
  - PJM Outages: From PJM via SDX into CROW

- PJM gathers MISO and PJM outages as following:
  - PJM Outages: From PJM OASIS
  - MISO Outages: From MISO directly and via SDX
Ongoing Efforts: Coordination of Outages for FTR Models

- **Timing of Auctions**
  - MISO monthly auction outage list finalized by 3rd week of month preceding auction month
  - PJM monthly auction outage list finalized by 2nd week of month preceding auction month

- To manage the timing mismatch, MISO and PJM began sharing/verifying initial outage set by the 1st week of each month
Ongoing Efforts: Coordination of Outages for FTR Models (contd.)

- **Types of Auctions**
  - PJM clears auctions for annual, monthly, quarterly and for up to three years into future
  - MISO clears auctions for annual or monthly
  - Due to dissimilar auctions, types of data to be exchanged is challenging
    - Ex: MISO used prompt month outages only whereas PJM needs prompt + balance period

- To manage this mismatch, the initial outage data includes best available information for the prompt and balance period
Current Planning Year Coordination Efforts

- Constraints and flowgate coordination
  - Each ISO develops constraints/flowgates associated with outages or other topological information to model appropriate transmission capacity
  - M2M flowgates currently exchanged on quarterly basis

- The constraint/flowgate information can be shared on more frequent basis, monthly or as available
Next Steps

• Increased communication, verification and modeling of high priority outages impacting seams - ongoing

• Review timing of monthly auctions and scheduling for 2013
  ➢ If possible, adjust so that timing more consistent

• Communicate and coordinate flowgate/ constraint information on frequent basis – Q4 2013

• Gap analysis of process/administration and align as appropriate - 2014