



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 where as PJM needs prompt + balance period
- To manage the 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

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- 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