



Joint and Common Market

II. MISO/PJM FTR COORDINATION UPDATE



Background and Status

At the September 20th JCM, MISO and PJM discussed the approach for FTR coordination

- Outage Coordination
 - Increased coordination efforts implemented to increase confidence in modeled outages
- Timing
 - Timing of auctions vary slightly between RTOs
 - PJM 2014 Monthly FTR Auctions scheduled slightly later than in 2013 to align better with MISO Monthly FTR Auction schedules
 - MISO 2014 Monthly FTR Auction scheduled slightly earlier than in 2013
- Coordination of Flowgates and Constraints
 - For any known or expected system conditions in the FTR auction

FTR Modeling and Coordination

Standing Flowgates

- Coordinate and exchange flowgates on monthly basis
- Coordinate procedure to determine FFEs for non monitoring RTO flowgates and exchange on monthly basis

Temporary constraints are used to represent known outages and other system conditions

- Coordination includes internal and external constraints
- Successfully allows management of the transmission capacity prior to any temporary flowgates being identified

Annual ARR/FTR Coordination

PJM and MISO Annual ARR/FTR process

- PJM annual ARR process opens on March 4, 2014
 - Model finalized and posted by February 18, 2014
- MISO annual ARR process opens on March 7, 2014
 - Model finalized and posted by March 3, 2014
- Coordination to be done on following:
 - Transmission Outages
 - M2M modeled Flowgates and FFE values
 - Constraints

FTR Coordination Milestones

#	St	Activity	By
1	Ⓒ	Coordinate outages for FTR auction	June 2013
2	Ⓒ	Aligned monthly FTR calendars for 2014 posted	November 2013
3	●	Standing flowgates – Coordinate and exchange on monthly basis	January 2014
4		Standing flowgates – Coordinate procedure to determine FFEs on other's flowgates and exchange on monthly basis	January 2014
5	●	Type 1(temporary) constraints – Coordinate procedure and exchange constraints. This set would include outage-related temporary constraints. Ex: MISO's type 1 constraints in NIPS area shared with PJM	Q1 2014
6		Develop monitoring and measuring metrics for items 3–5	Q1 2014
7		Monitoring, measuring and reporting coordination effectiveness of items 3-5	Q2 2014

Ⓒ Complete

● In Progress



Next Steps

- Coordination for Annual Process
- Continue coordination of Standing Flowgates (Activity 4)
 - Align and exchange standing flowgates, develop and standardize procedures to determine flowgate limits (FFE range)
 - FFE is hourly value – FTR markets require monthly, seasonal or annual values
- Temporary Flowgates (Activity 5)
 - Coordinate procedures to determine commercial flow range for Type 1 constraints