

PJM Seams (M2M) Update – Posting Congestion Management Process Materials for Stakeholder Review

Asanga Perera Real-Time Markets (M2M Lead) October 8, 2014

www.pjm.com PJM©2014



Purpose

➤ This presentation provides an informational update on PJM's efforts to be ensure transparency with respect to Seams Coordination activities

Background

- PJM and MISO have received feedback from our respective and joint stakeholders to be more transparent in PJM's Seams Coordination activities
- Stakeholders have explicitly identified that providing insights to the Congestion Management Process activities would be beneficial



Introduction to PJM's Congestion Management Process

- PJM belongs to a Congestion Management Process (CMP) established by 7 organizations – PJM, MISO, SPP, TVA, MAPP, Manitoba Hydro & WAPA
- CMP is established to manage Seams Constrained Facilities adhering to following guiding principles:
 - Reliability
 - Coordination
 - Market Efficiency
 - Equity

- There are three different CMP relationships
 - Market to Market (ex: MISO-PJM)
 - Market to non-Market (ex: PJM-TVA)
 - non-Market to non-Market (ex: MAPP-Manitoba Hydro)
- In order to manage CMP activities, relationships and principles
 - Joint Operating Agreements are established
 - Congestion Management Process Working Group is established
 - Congestion Management Process Council is established

www.pjm.com 4 PJM©2014



- Relationship between CMPWG and CMPC is analogous to MIC Special Task Force and MIC
 - CMPWG is directed by the CMPC to work on seams initiatives/tasks
 - CMPC provides direction and priority to the CMPWG initiatives/tasks
 - CMPWG will report back to CMPC on their progress



Stakeholder Transparency

- PJM during the MIC sessions and during the JCM sessions provide updates to stakeholders with respect to explicit CMP initiatives/tasks
 - Freeze Date Alternatives
 - PJM-MISO JOA changes
- In order to increase transparency PJM will begin to publish CMPC and CMPWG items
 - CMPC Meeting Notes
 - CMPC Future Agenda Items
 - CMPWG Future Agenda Items



- PJM has begun to post CMP materials in PJM.COM
 - Operations & Markets -> Market to Markets -> Congestion
 Management Process Information

http://pjm.com/markets-and-operations/energy/market-to-market.aspx

 PJM will include a new administrative item to the JCM agenda to review the CMP information



LMP Model Information Market to Market Hourly Market-to-Market Settlements (CSV) - This file contains MISO-PJM market-to-Coordination market settlement data by hour by flowgate as defined in Attachment 3 to the MISO-PJM Joint Operating Agreement. Operating Reserves Residual Metered Load Settlement Adjustment For Plea Zion on 6.3.2014 thru 7.14.2014 (PDF) Pricing Settlement Adjustment For Mont E Winimac on 7.7.2014 and 7.8.2014 (PDF) Shortage Pricing MISO PJM JOA Marginal Zone Participation Factor Methodology and Applicability Reliability Pricing Model Document (PDF) Financial Transmission MISO-PJM Quarterly M2M Change Management Report (PDF) Rights MISO-PJM Biennial Review of JOA Report (PDF) **Ancillary Services** M2M Data Exchange with MISO (PDF) Demand Response MISO/PJM Joint Operating Agreement (PDF) Market Settlements Progress - PJM Joint Operating Agreement (PDF) Financial Credit New York ISO/PJM Joint Operating Agreement (PDF) Compliance PJM-PEC JOA Implementation Document (PDF) Joint Operating Protocol between New York ISO, PJM, Consolidated Edison Company 9.10.2009 Transmission Service of New York (Con Edison), Linden VFT, and Linden Cogen for Linden VFT Facility Operational Analysis (PDF) Advanced Technology Northeastern ISO-Regional Transmission Organization Planning Coordination Protocol 9.1.2009 Pilot Program (PDF) MISO-PJM- Tennessee Valley Authority Baseline Congestion Management Process

▶ PJM-MISO Resettlements

Authority (PDF)

▼ Congestion Management Process (CMP) Information	
Postings	Date
Congenstion Mangament Process Council 8.1.2014 Meeting Notes (PDF)	10.6.2013

For additional information, please contact Member Relations at (610) 6 8980 or toll free at (866) 400-8980.



Date

8.27.2014

8.27.2014

8.8.2014

3.6.2014

1.27.2014

3.4.2013

6.16.2011

1.4.2011

9.17.2010

6.28.2010

8.19.2009

5.1.2009

5.23.2007

7.22.2005

6.13.2005

Website Feedback

www.pjm.com PJM©2014

Joint Reliability Coordination Agreement between MISO-PJM-Tennessee Valley

Memorandum of Understanding on Natural Gas and Electric Interdependency (PDF)

PJM-VACAR South Reliability Coordination Agreement (PDF)

New York ISO-PJM Joint Operating Protocol - Opinion # 476 (PDF)