

## Inter-Regional Coordination Update

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Market Implementation Committee
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#### MISO/PJM Joint Stakeholder Meetings

MISO and PJM began hosting a series of Joint Stakeholder Meetings July 16, 2012 to continue discussions on seams issues. The purposes of these meetings are to:

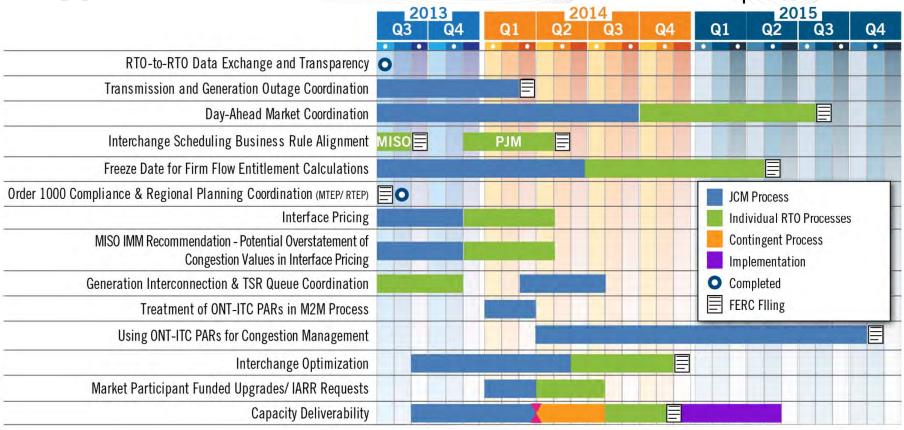
- Identify the most critical seams issues to be addressed
- Establish the priority for addressing the issues identified
- Establish the framework for issue resolution

The next Joint Stakeholder in person meeting will be hosted by PJM May 28, 2014 at PJM's Offices in Valley Forge, PA

- A conference call to discuss the results of the Capacity Deliverability Fact Finding #1 was held April 14, 2014 from noon to 3 pm
- Meeting materials will be posted approximately one week in advance at the PJM/MISO Joint and Common Market Initiative as well as the Joint and Common Market websites



### PJM-MISO JCM Work Plan Filed with FERC September 26



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#### Capacity Deliverability Fact Finding #1 Summary

- The fact-finding effort included four technical analysis steps to further investigate the potential impacts of a joint deliverability approach
- PJM and MISO have posted a DRAFT report summarizing the analyses for stakeholder review and comment at: <u>PJM-MISO JCM Meeting Materials</u>
- PJM and MISO held a Joint WebEx session on April 14, 2014 to review results and solicit stakeholder feedback
- The report also contains a qualitative description of the potential benefits of a joint deliverability approach, as well as further detail on issues that must be resolved before moving to such an approach
- Further work is required to quantify the potential benefits and determine the level of effort required to resolve the identified issues

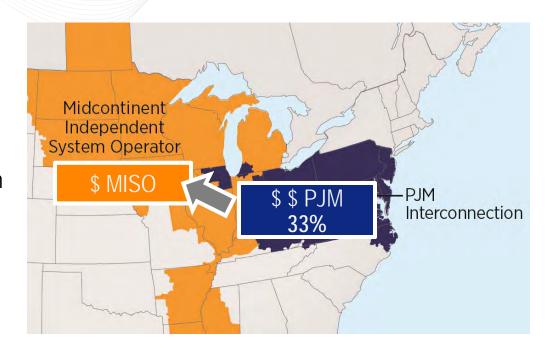
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#### The objective of Coordinated Transaction Scheduling (CTS) is to improve interchange scheduling efficiency

- MISO and PJM are currently developing an interchange optimization proposal for stakeholder consideration
- The first Joint Stakeholder Meeting was held April 18, 2014
- The next Joint Stakeholder Meeting is scheduled for June 10, 2014

#### MISO-PJM Interchange Optimization



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#### **NYISO-PJM Interchange Optimization**

The objective of Coordinated Transaction Scheduling (CTS) is to improve interchange scheduling efficiency

- IT SCED forecasted price accuracy under review
- Automated IT SCED forecasted price data available May 1, 2014
- Compliance filing at least 14 days prior the effective implementation date



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#### Forward Price Transparency and Accuracy

- Forecasted LMPs and accuracy statistics from IT SCED is available on the <u>IT SCED Forecasted LMPs</u> webpage
  - Data available back to February 2013
- PJM deployed automated IT SCED prices available in eData in real time on May 1, 2014
- Receive stakeholder feedback on level of comfort with accuracy metrics
  - Issue Stakeholder Survey in May

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#### Close operational coordination between PJM and NYISO staff ongoing

- PJM requested M2M suspension for Thunderstorm Alert Flowgates in NYC on July 12 per the JOA.
- PJM and NYISO staffs have reached an agreement for Thunderstorm Alert Flowgates – JOA updates filed May 2, 2014
  - Planned June 11, 2014 reinstatement of TSA flowgates

#### NYISO-PJM Market-to-Market Update





#### PJM On-going Interregional Planning

# Ongoing Studies

- PJM is reviewing the recently completed cross border impact analyses associated with PJM RTEP upgrades approved in north central Pennsylvania. The preliminary conclusion is no significant impact of the proposed PJM upgrades on the NYISO system. This is a significant step toward realization of these important reliability upgrades. NYISO indicates an expected mid 2014 conclusion to it's studies.
- PJM and MISO are performing a coordinated study evaluating recent market-to-market flowgate congestion and longer term market efficiency. PJM and MISO have completed the congestion analyses and have solicited upgrade proposals from stakeholders. 76 proposals have been received from 12 organizations. Analysis of the proposals under Future 1 (reference planning assumptions future for PJM and MISO) and Future 2 (PJM and MISO meet RPS targets) and Future 3 (PJM imports about 1/3 of it's RPS needs from MISO) are complete. The results of the completed analyses for the three Futures were reviewed at the March 17, in person IPSAC meeting at PJM. Work is continuing to review stakeholder input. A WebEx is expected in mid-May.
- PJM, the North Caroling Transmission Planning Committee (NCTPC) and MISO have agreed on a joint study scope to address questions posed by the North Carolina Utility Commission regarding potential impacts on the North Carolina power system of MISO resources cleared in the 2016/17 RPM. A kick-off conference call among the study participants is anticipated in early May. Review of the production cost portion of the scope is underway.
- A copy of the recently completed Northeast Coordinated System Plan, completed pursuant to the Northeast ISO-RTO Planning Coordination Protocol is posted at <a href="http://www.pjm.com/committees-and-groups/stakeholder-meetings/stakeholder-groups/ipsac-ny-ne.aspx">http://www.pjm.com/committees-and-groups/stakeholder-groups/ipsac-ny-ne.aspx</a> Joint power flow and production cost model coordination is underway.