



MISO-PJM Order 1000 Potential Opportunities

October 24, 2012
MISO-PJM Order 1000
Interregional Workshop

Potential Opportunities – Models and Data

- **Model and Data Exchange – Reliability**

- Enhanced coordination of models used for MTEP and RTEP
 - Today MTEP and RTEP models utilize ERAG MMWG cases as the starting point external representation
 - Issue – modeling assumptions incorporated in the ERAG MMWG cases can be regionally inconsistent and can get quickly outdated
 - Moreover, both MISO and PJM have internal model development processes which yield system representation that is often more up to date from what is available from ERAG
- Opportunity
 - More closely coordinate development of models used for regional planning to incorporate the latest information and consistent assumptions
 - New load forecasts
 - Topology update from previous MTEP/RTEP
 - Generation resource update
 - Net area Interchange
 - Work towards aligning the timing of the individual model development processes

Potential Opportunities – Models and Data

- **Model and Data Exchange – Economic**

- Ongoing collaboration to develop joint economic study models
 - Economic or Powerbase model updates incorporated annually including:
 - Generator Information
 - Fuel Information
 - Transmission
 - Demand and Energy
 - Consistent study footprint assumptions
 - Historical congestion
 - Top congested flowgates in each area
 - Cross border congested flowgates
- Economic studies to identify potential cross-border congestion in future years

Potential Opportunities – Identify Issues

- **Identify Transmission Issues**

- Expand the facilities monitored in regional reliability analyses
 - Expand monitor files in MTEP and RTEP analyses to include more of adjacent system – particularly on the seam
 - Communicate identified issues in adjacent system to neighbor
- Complete a more comprehensive review of adjacent area regional plans to determine if more efficient interregional solutions could be developed
 - Done annually at the end of each MTEP/RTEP cycle
- Develop coordinated study scope as required based on identified issues

- **Update Existing Cross-Border Cost Allocation Provisions**
 - Ensure cost allocation mechanisms are reasonably aligned with each RTO's regional cost allocation provisions
 - Review Cross-Border Market Efficiency Project methodology
 - Do we have the right benefit metric(s)?
 - Should the timeframe for calculating benefits and costs be extended?
 - Should we modify other criteria?

Potential Opportunities – Queue Coordination



- **Enhance new service customer queue studies**
 - Several efforts underway through the Joint Common Market (JCM) Initiative
 - Generation Interconnection Process Alignment
 - Transmission Service Request Process Alignment
 - Stakeholders wishing to participate should follow the JCM meeting agenda
 - Generation Interconnection and Transmission Service Requests processes are on the agenda for the 10/26/12 meeting in Baltimore

Potential Opportunities – Others?

