



Joint and Common Market

## **2. MISO AND PJM DAY-AHEAD MARKETS**



# September Meeting - Opportunities for Improvement

- (Short-term) Coordination of Day Ahead Market Constraint Input
  - DA/JOA language revisions – **In Progress/Finalizing**
  - Develop link of outage data to active constraints – **In Progress**
  - Automate screening of associated constraints (Monitored/Contingent elements) - **Completed**
  - Update data exchange to include outage links & constraint data – **In Progress**
- (Mid-term) Topology Input Improvement - Automate DA Market outage exchange
  - Create/maintain device mapping between PJM/MISO models
  - Automatically exchange of MISO/PJM DAM outage data sets
  - Review/align RTO Outage Submission rules

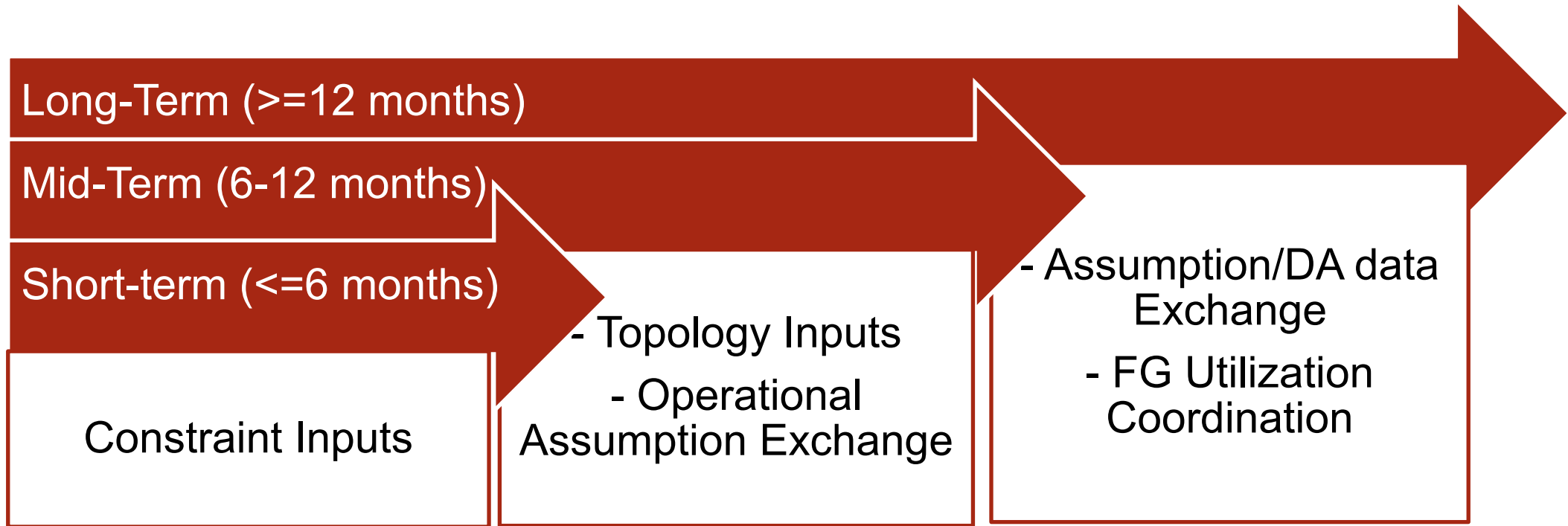
# Day Ahead Enhancements

- Initiated and conducted periodic, scheduled site visits to foster discussion and best practices
- Expanded and automated the daily data exchange between DA market operators
  - DA and RT M2M FG binding results for current and previous day
  - MISO Wind Forecast
- Frequent discussions and enhanced market operator interaction regarding operational and outage information including daily interaction to review next day's conditions
  - Drivers of potential constraints on M2M flowgates such as outage schedules
  - Enhanced next-day model coordination
  - Initiated review of JOA language for improvements to clarity and transparency

# RT and Transparency Enhancements

- Enhanced real time data exchange including additional real time constraint data and additional, after-the-fact settlement inputs to facilitate the daily review process
- Enhancements to Market Flow calculation for Joint Owned Units
- Implemented enhanced Market Flow calculator to improve accuracy, transparency and flexibility
- Transparency initiatives:
  - Posted the active Market-to-Market flowgate list
  - Began posting MISO and PJM Firm Flow Entitlement (FFE) values
  - Began posting hourly, flowgate-by-flowgate Market-to-Market settlement results
  - Documented procedures and options for scheduling Jointly Owned Units between RTO markets

# DA Market Improvement/Alignment Plan and Timeline



# Questions



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