



MISO PJM IPSAC

March 30, 2018

- Annual Issues Review
 - Regional Issues
 - Stakeholder Comments
 - Market-to-Market Congestion
- JOA Changes
 - Stakeholder Feedback
 - Next Steps
- IPSAC Work Schedule

Annual Issues Review

- In the 4th quarter, RTOs exchange (completed in December 2017):
 - Regional issues and newly approved projects near the seam
 - New regional issues
 - Interconnection requests under coordination
 - M2M historical congestion
- RTOs jointly review above in January
- Receive Third Party issues in first quarter, but no less than 30 days before Issues Review IPSAC
- Issues Review IPSAC –
 - Held in the first quarter of each year
 - Must provide 60 calendar day notice of scheduled date
 - Stakeholder feedback due 30 days prior to IPSAC
- Within 45 calendar days after the Issues Review IPSAC the JRPC shall determine the need for a Coordinated System Plan study
- JRPC notifies the IPSAC of its decision within 5 business days

- Stakeholder Input Due: February 28th
- Issues Review IPSAC: March 30th
- JRPC notifies IPSAC of CSP study decision: May 18th (at latest)

- Issues and plans have been discussed at regional meetings
- PJM regional issues are presented at monthly [TEAC meetings](#)
- MISO regional issues are presented at triannual [Subregional Planning Meetings](#) (SPMs)

- Regional issues and newly approved projects near the seam
 - Please see selected TEAC slides posted with meeting materials
- New regional issues
 - None identified yet
- Interconnection requests under coordination
 - Joint list posted with meeting materials
- M2M historical congestion
 - Joint summary posted with meeting materials

- Regional issues and newly approved projects near the seam
 - Please see selected MISO slides posted with meeting materials
 - TO submitted 'bottom-up' projects for MTEP18
- New regional issues
 - Please see selected MISO slides posted with meeting materials
 - MTEP18 Market Congestion Planning Study top congested flowgates
- Interconnection requests under coordination
 - Joint list posted with meeting materials
- M2M historical congestion
 - Joint summary posted with meeting materials

- NIPSCO:
 - Facilities with infeasible PJM ARRAs near NIPSCO
 - Bosserman – Trail Creek 138 kV
 - Goodland – Reynolds 138 kV
 - LNG – Maple 138 kV

- Ameren:
 - Powerton high voltage issues
 - Marblehead 161/138 flo Maywood – Herleman 345kV
 - Goodland Reynolds 138kV flo Bunsonville – Eugene 345 kV
 - Maroa East – Goose Creek 345kV flo Wilton Center – Dumont 765 kV

- Wind on the Wires:
 - Re-evaluate previously considered TMEPs that did not qualify last year if congestion has continued
 - Reconsider the Thayer-Morrison proposal in light of potential JOA changes

- EDF:
 - Re-evaluate previously considered TMEPs that did not qualify last year if congestion has continued

- PJM planning criteria require Stage1A ARR to be feasible for 10 years
- Baseline project designation in RTEP
- Not all over allocations are valid planning issues
 - Transmission outages, planned upgrades, etc.
- No comparable MISO process
- Unclear how this would fit into the JOA if valid issues were identified outside PJM footprint
 - Wrapped up with Firm Flow Entitlement discussions (JCM)

- PJM & MISO have posted historical M2M congestion values for the past two years
- Would form basis for 2018 TMEP study, if undertaken
- PJM and MISO are reviewing the highest congestion elements and potential mitigating factors to determine need for full TMEP study

Potential JOA Changes

- Feedback received from 7 entities
- Complete comments posted with meeting material
- Summary and responses on following slides

Stakeholder Feedback

- Support building joint planning model when applicable
- Removal is appropriate to align with FERC Order EL13-88
- Joint model development and usage is the only compromise to ensure study objectives are clear and consistent

RTOs' Response

- The RTOs' regional models reflect regional differences and assumptions acceptable to stakeholder in each region
- Will proceed with JOA edits to remove references to joint economic models

Stakeholder Feedback

- No issues with current methodology
- Support 15 years of benefits in both regions for interregional cost allocation
- 15 years of benefits too restrictive; increase to 20 years
- RTOs should use same number of benefit years; prefer 25-30 years or longer, consistent with the life of the project
- Fixed charge and discount rate differences insignificant

RTOs' Response

- Respecting regional processes and accuracy of future benefits is the issue, rather than life of transmission facilities
- Using regional metrics as ordered by FERC ensures successful interregional projects will be viable projects in each regional process
- Each region has ongoing MEP benefit discussions; stakeholders can engage PJM's at the MEPETF and MISO's at its PSC
- No planned changes to the JOA

Stakeholder Feedback

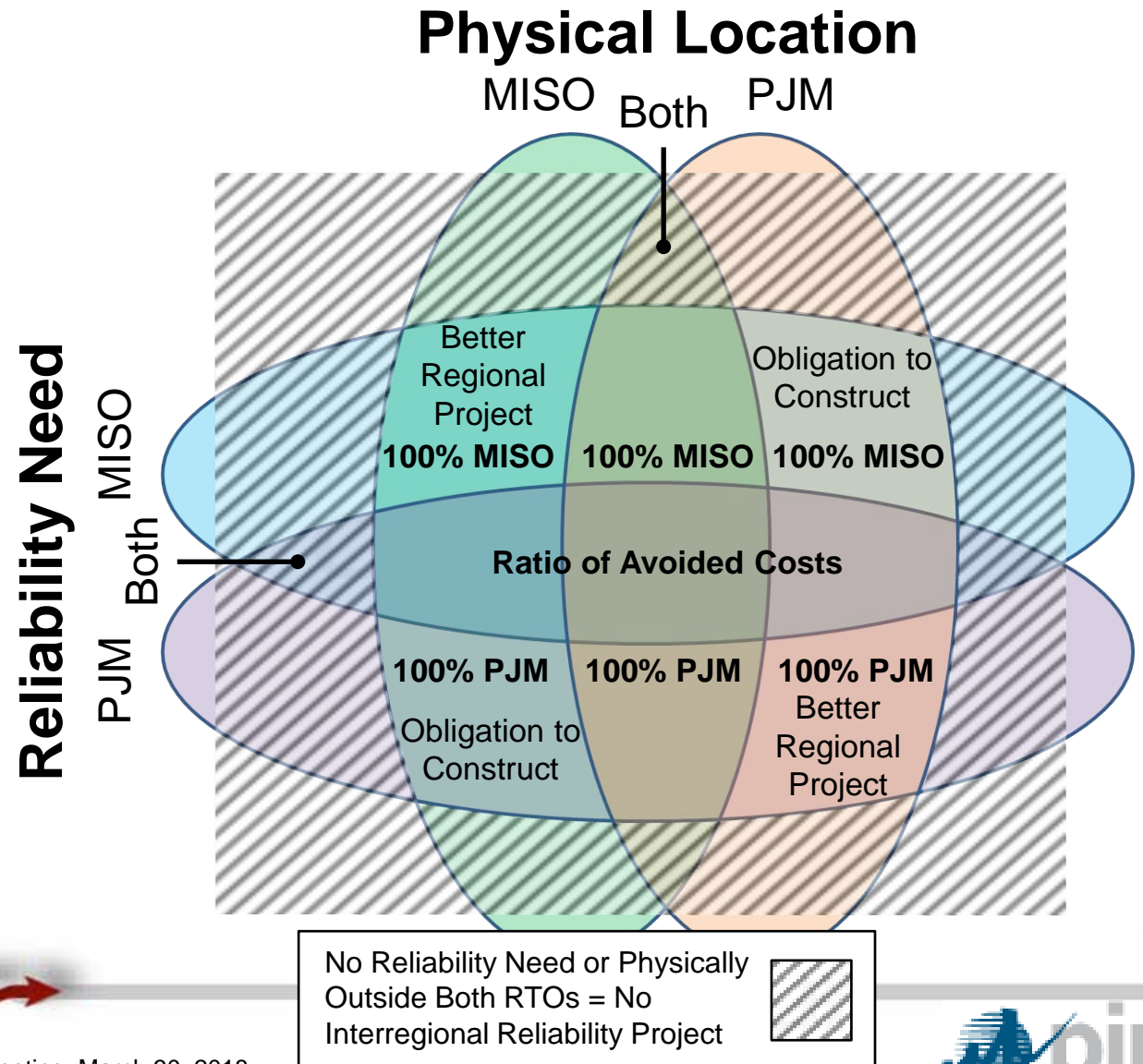
- Review with IPSAC which M2M tests are applicable and which need modification
- Modify M2M tests for future topology
- Perform M2M eligibility at beginning of study
- Test should include PROMOD and power flow analysis
- Completely remove GLDF
- Rely on APC to determine materiality, with minimum benefit if necessary

RTOs' Response

- RTOs agree a test for materiality is needed
- Any test must be consistent with the regional processes
- RTOs prefer removing materiality test in the JOA and clarifying the regional materiality tests (avoid 'triple hurdle')
- Discussion of PJM regional materiality tests occurring at the MEPETF
- Will proceed with JOA edits to remove GLDF and separately clarify regional requirements

- Clarify in JOA Section 9.4 how a project can be located in one region and benefit only the adjacent region
 - Ensure the obligation to construct
- Eliminate Cross-Border Baseline Reliability Projects (CBBRPs)
 - Interregional Reliability Projects and avoided cost have replaced CBBRPs and DFAX

- No scenario where DFAX (CBBRP) will be utilized
 - All interregional reliability projects must have a reliability need in one or both RTOs
 - Regional fix will be developed for reliability need
 - Interregional project will displace regional project



- EDF:
 - Add additional benefit metrics for all interregional project types
 - Revise and broaden the definition for a flowgate under the JOA
- RTOs do not see a need for additional benefit metrics at this time
- Flowgate definition concerns will be forwarded to the Congestion Management Process Working Group

- Target having all changes effective for next IMEP process
 - Window opens around November 1, 2018
- To ensure time for FERC action, filing should be made no later than July
- RTOs working on creating redline JOA language based on changes discussed above

IPSAC Work Schedule

- JRPC notifies IPSAC of CSP study decision: May 18th (at latest)
- Next IPSAC meeting: May 11, 2018
 - RTOs anticipate sharing redline JOA edits for changes mentioned in the previous slides
- Interregional MEP proposal window around November 1

Open Discussion

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