

# Item I - Cross Border Transmission Planning

Joint and Common Market  
November 18, 2015

- IPSAC Updates
  - Quick Hits
  - Process and Metrics

- Two potential Quick Hit projects:
  - Beaver Channel – Sub 49 161 kV SCADA upgrade
    - This upgrade has already been placed in-service by TO
    - Congestion in models does not support incremental upgrades
    - IPSAC will continue to monitor congestion on this line
  - Michigan City – LaPorte 138 kV line resag and CT replacement
    - New Bosserman tap on this line went in-service this summer
    - Bosserman changes historical flows
    - IPSAC will monitor congestion in this area in the Michigan/Indiana interface targeted study

- Outlined a plan for next 2-year JOA planning cycle (following slides)
- Key activities
  - Exchange modeling information
  - Review identified transmission issues and plans
  - Determine need for Coordinated System Plan study
  - Determine scope and schedule of planning activities
- Discussing process and metric changes needed to implement 2-year plan

- **November 2015 – January 2016:** Annual evaluation of transmission issues (includes reliability and congestion) and plans with stakeholder input
- **March 1, 2016:** Exchange as-is and 5-year power flows (2016, 2021)
- **May 2016:** Review 2014, 2015 M2M issues, limiting elements and quick hit upgrades
- **June 15, 2016:** Exchange initial regional economic PROMOD models
- **June 2016 – August 2016:** Stakeholder review of models and issues
- **October 31, 2016:** Final regional economic models & regional issues update

- **November 2016 – February 2017:** Solicitation for regional and interregional projects
  - PJM: long term reliability and market efficiency project proposal window open Nov. – Feb.
  - MISO: reliability project submission Sept. – Dec., economic project submission Jan.
- This schedule overlays both the RTEP and MTEP regional cycles (see meeting materials)
- **November 2016 – March 2017:** Joint model development and stakeholder input
- **April 1, 2017:** Regional Economic models refresh
- **2<sup>nd</sup> & 3<sup>rd</sup> Quarters 2017:** As needed: project evaluations
- **December 2017:** Potential Regional Board approvals

- Jesse Moser  
[jmoser@misoenergy.org](mailto:jmoser@misoenergy.org)
- Paul McGlynn  
[paul.mcglynn@pjm.com](mailto:paul.mcglynn@pjm.com)