



Inter-regional Planning Update

(updates in red)

Transmission Expansion Advisory Committee

August 9, 2018

- Beginning PJM RTEP cycle
 - Assumptions, models, schedules – January TEAC
 - Reliability analysis, results, proposal windows – 2018/2019
 - Longer-term reliability and market efficiency window November 1, 2018
 - Longer-term proposal analysis 2019

- <http://www.pjm.com/planning/interregional-planning.aspx>
 - Data exchanges
 - Reviews of regional needs and solutions
 - Determination of any more efficient or cost effective interregional transmission
 - Ongoing queue request coordination
 - Stakeholder reviews and input
 - PJM TEAC/PC
 - MISO IPSAC
 - NE Protocol IPSAC
 - Respective external neighbor regional processes

- PJM-MISO IPSAC - <http://www.pjm.com/committees-and-groups/stakeholder-meetings/ipsac-midwest.aspx>
 - August 1, 2018 IPSAC
 - Interregional 2016/17 congestion TMEP study
 - Binding flowgate congestion > \$1M
 - 19 candidate flowgates remain under study
 - Stakeholders are reviewing and providing input
 - Study on schedule for October results and JRPC recommendations
 - Interregional MEP study – 2018/19
 - Regional studies in progress and on schedule
 - November 1 finalize pj m models, open for proposals (regional and interregional)
 - Cleanup revisions to JOA §9.3 and §9.4 posted with PC materials
 - Receiving stakeholder input through IPSAC

- NE Protocol IPSAC - <http://www.pjm.com/committees-and-groups/stakeholder-meetings/ipsac-ny-ne.aspx>
 - IPSAC completed regional issues and solutions review May 18, 2018 – NCSP posted
 - <http://www.pjm.com/-/media/committees-groups/stakeholder-meetings/ipsac/20170519/20170519-ipsac-planning-cycle.ashx>
 - **Early preparation for December IPSAC regional issues and plans reviews**
- SERTP- regional process: www.southeasternrtp.com
 - biennial interregional review completed May 8, 2018 – Atlanta
 - **Next biennial interregional review – spring 2020**

- TVA – **LGE/KU** JRCA update
 - PJM and TVA have exchanged update suggestions including
 - Coordinated planning provisions consistent with the Order No. 1000 interregional process
 - Add more detail to existing coordinated planning provisions
 - Expand or clarify existing processes for coordination of Long Term Firm Transmission Service and Balancing Authority integrations
- IESO study of MISO and NYISO interfaces
 - **August or September - next coordination meeting**
 - PJM monitoring and providing input as needed
 - Target completion Q4 2019
 - PJM objective is knowledge of projected interconnected operations

- NERC discussions for potential Agreement to establish EIPC as “designee” under reliability standard MOD-032-1
 - NERC notified EIPC further discussions on hold until 2019
- Active effort underway supporting NERC EI frequency review for upcoming NERC annual assessments
- Concept “state of the grid” **draft nearing completion**
- Production Cost Eastern Interconnection model
 - **Consultant (ABB) engaged to resolve remaining modeling issues and complete EI-model**

- V1 – 8/06/2018 – Original Version Posted to PJM.com