Inter-regional Planning Update

Transmission Expansion Advisory Committee
March 10, 2016
• Updated Roll-Up Report to be Posted – March 2016
• EIPC TC meeting – Chattanooga March 10, 2016 agenda includes:
  – Select EISPC scenario analysis
    • Clarifying assumptions with EISPC
    • Aggressive Distributed Generation – PV, EE, DR, smart grid
    • Aggressive development of Canadian hydropower and wind
    • Determine impacts on existing and planned transmission facilities
    • Post scenarios – scheduled March 21, 2016
  – Production cost license decision for build of initial coordinated EI-wide database
Interregional Update

• All regions data exchanges and issues reviews to be completed
• SERTP - NCTPC
  – CIL coordination completed, including with Duke Energy
  – CIL Planning Parameter posting February 1, 2016
  – Operational preparation for upcoming delivery year is set
• SERC
  – Ongoing efforts to better coordinate LTFTS studies and case builds
  – 2016 loop flow study effort under development
• NE Protocol
  – NCSP report draft complete – final regional reviews in progress
  – Post target March 15 and IPSAC (NY-NE) target May 9
Michigan Interface analysis

- No current or projected economic issues identified - **complete**
  - Recent Michigan imports greatly decreased and New generation interconnection expected to relieve congestion
- Reliability at high Michigan transfer levels at light load - **complete**
  - Issues testing under stressed transfers - different from criteria tests
  - N-1 transfer issues mostly low voltage (imports or exports)
  - Additional Generation delivery testing (PJM to PJM and MISO to MISO)
    - Issues predominantly PJM gen deliv issues when Michigan imports
    - Predominantly 345 kV facilities including MISO ties
- No action at this time; revisit if conditions projected to reoccur
Interregional Update – MISO – Targeted Studies

- PJM and MISO propose new JOA project type for Targeted Market Efficiency Project (Targeted MEP) upgrades
- Metrics strawman proposal (subject to fine tuning and stakeholder input)
  - Annually address historical congestion
  - Lower cost (Targeted) upgrades
  - Benefits quantified from historical congestion
  - Expected annual congestion relief pays installed project cost in less than 5 years
  - I/S less than 4 years
  - Single joint evaluation and recommendation process
  - PJM and MISO board approvals same year as study
### 2016

- **February 5** – IPSAC & notice of April 8 issues review
- **March 7** IPSAC – ongoing border issues due to JRPC
- **April 8** IPSAC – IPSAC ongoing border issues review
- **July 26** – IPSAC and notice of September 30 issues review
- **August 26** – longer-term PJM issues due to JRPC
- **September 30** – longer-term PJM issues review
  - **November 1** – February 29 – PJM long-term solution proposal window
- **October** – IPSAC and notice of December issues review
- **November** – longer-term MISO issues due to JRPC
- **December** – IPSAC and longer-term MISO issues review
  - **January 2017** – March 2017 – MISO solution proposals