

Summary and Next Steps

IPSAC WebEx
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Joint ISO/RTO Planning Committee

- Prepare and post draft NCSP
- Conduct high level production cost studies of the three ISO/RTOs
 - Continue refining IREMM database and conduct studies
 - Include environmental emission analysis
- Conduct detailed production cost analysis of the three ISO/RTOs
 - Coordinate detailed production cost databases
 - Conduct studies using PROMOD, MAPS, or Gridview
 - Updated assumptions to be developed on a consistent basis and discussed with IPSAC

Joint ISO/RTO Planning Committee, *cont.*

- Identify need for strengthening ties and related neighboring interfaces
- Update studies and continue coordinating planning activities
 - Databases
 - Generation interconnections
 - Transmission improvements
 - Reliability studies
 - Economic studies
- Coordinate on FERC Mandates and Initiatives, including cost allocation of transmission improvements
- NYISO/PJM transmission cost allocation updates to be provided to IPSAC

Eastern Interconnection Planning Collaborative (EIPC)

- Formed September 2009
- Will address Eastern Interconnection-wide (national and international) planning issues
- Conduct studies
- Support future DOE study activities
- Will have an open and transparent stakeholder process
- Economic Working Group being formed
- Reliability Modeling Working Group progressing on coordination of power flow databases
- EIPC intends to hold a webinar next **Fri., May 7, 11:00 AM-12:30 PM EDT** to incorporate any progress that has been made through continuing sector discussions. To register for the webinar, go to:
<https://eipconline.webex.com/eipconline/onstage/g.php?d=642647239&t=a>

Next Steps to a Final NCSP09

- Review stakeholder comments
- Improve, correct or clarify the report
- Issue the final report in May

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- Tentative Meeting scheduled for Summer 2010
 - Provide update on IREMM analysis
 - Update NYISO/PJM cost allocation discussions
 - Finalize scope of work on Next Steps

Next Steps Production Cost Modeling

Background JIPC Economic Studies

- Not intended to advocate for IREMM over other models, such as PROMOD, GridView, MAPS, etc.
 - Each model has its own place
 - Experience and comfort with an existing model is valuable
- Preliminary economic analyses to be followed by a more detailed analysis
- Transmission planning
 - Identification of conceptual solutions
- Detailed production cost analysis
 - Affirmation of economic analysis results
 - Including effects of conceptual solutions

Objective – Production Cost Studies

- Coordinate modeling databases
 - Continued improvement to be completed 2010
- IREMM analysis
 - Compare IREMM and more detailed production cost models by mid-2010
 - Complete IREMM screening analysis during 2010
- Refine modeling approach
 - Northern New Jersey - Southeast New York interface by 2010
- Conduct nodal production cost analysis for future year
 - After completing IREMM analysis

Validation Metrics Across Production Cost Programs

- Compare metrics on zonal, monthly, on/off peak basis
- ISO/RTO-to-ISO/RTO average interchange values and seasonal patterns
- Average production cost
- Interchange LMP spreads across ISO/RTO boundaries
- Average LMPs
- Interface flow duration curves and congestion hours

Production Cost Analysis for Future Year

- After satisfactory validation of production cost models
- Updated production cost analysis of combined systems
 - Identify congested elements
 - Identify significant price spreads
 - Extend IREMM analysis of potential inter-ISO/RTO benefits



Open Discussion