



**Technical Conference on NIPSCO v. MISO and PJM**  
**Docket No. EL13-88-000**  
**June 15, 2015**

**Agenda**

**Conference Introduction: Commission Staff** *(9:00am - 9:15am)*

**Session 1: Transmission Planning Cycles** *(9:15am - 10:15am)*

Panelists should be prepared to discuss the issue of whether the Commission should require the MISO-PJM cross-border transmission planning process to run concurrently with the MISO and PJM regional transmission planning cycles, rather than after those regional transmission planning cycles, and to answer questions including, but not limited to, the following: How could MISO and PJM modify their regional transmission planning cycles to better align with the MISO-PJM cross-border transmission planning process? What impact would this have on other regional and interregional transmission planning cycles (i.e., neighboring regions)? Should MISO and PJM use the same planning deadlines to achieve regional benefits from coordination of the cross-border transmission planning process? Discussion of these issues should focus on the MISO-PJM seam in general, and NIPSCO's location on the seam in particular.

Panelists: Matthew Holtz - Northern Indiana Public Service Company  
Jesse Moser - MISO  
Steve Herling - PJM  
Carol Stephan - Indiana Utility Regulatory Commission  
Evan Wilcox - American Electric Power

**Session 2: Modeling and Criteria** *(10:15am - 11:15am)*

Panelists should be prepared to describe the existing joint interregional transmission planning model used to evaluate cross-border transmission projects and to answer questions including, but not limited to, the following: Are changes needed to this existing model or the assumptions used to enable coordinated study of proposed cross-border transmission projects? Should the Commission require MISO and PJM to use a single common set of criteria to evaluate cross-border transmission projects as proposed

by NIPSCO in the Complaint? In addition to the benefit metric, what other metrics do PJM and MISO consider in the evaluation of cross-border transmission projects? Should the Commission require that there be consistency between PJM's and MISO's regional transmission planning analyses such that both entities are consistent in their application of reliability criteria and modeling assumptions as proposed by NIPSCO in the Complaint? Discussion of these issues should focus on the MISO-PJM seam in general, and NIPSCO's location on the seam in particular.

Panelists: Matthew Holtz - Northern Indiana Public Service Company  
Jesse Moser - MISO  
Paul McGlynn - PJM  
Carol Stephan - Indiana Utility Regulatory Commission  
Raja Sundararajan - American Electric Power  
Brian Thumm - ITC Holdings Corp.  
Ziya Kirman - EDP Renewables North America

**Lunch Break:** *(11:15am - 12:15pm)*

**Session 3:** **Market-To-Market Payments** *(12:15pm - 1:30pm)*

Panelists should be prepared to answer questions including, but not limited to, the following: Should the Commission require MISO and PJM to amend the criteria to evaluate cross-border market efficiency transmission projects to address all known benefits, including avoidance of future market-to-market payments made to reallocate short-term transmission capacity in the real-time operation of the system as proposed by NIPSCO in the Complaint? Have MISO, PJM, and the market monitors identified trends in market-to-market payments that may be relevant to NIPSCO's position along the PJM-MISO seam? Is there a relationship between the cross-border transmission planning process (and evaluation of potential interregional transmission projects) and persistent market-to-market payments being made between the RTOs? Are persistent market-to-market payments an indicator of the need for new transmission? Please provide examples of transmission projects that have been considered under the existing cross-border transmission planning process for the purpose of mitigating congestion and/or constraints that lead to persistent market-to-market payments but that have not been developed, and the reasons the transmission project was not developed.

Panelists: Matthew Holtz - Northern Indiana Public Service Company  
Jesse Moser - MISO  
Kevin Sherd - MISO  
Timothy Horger - PJM  
Steven Naumann - Exelon

**Break:** *(1:30pm - 1:45pm)*

**Session 4: Lower Voltage Transmission Projects (1:45pm - 2:45pm)**

Panelists should be prepared to discuss the issue of whether the Commission should require MISO and PJM to have a process for joint transmission planning and cost allocation of lower voltage and lower cost cross-border upgrades, as proposed by NIPSCO in the Complaint, and to answer questions including, but not limited to, the following: How would a lower voltage criteria align with current regional cost allocation methods? Are lower voltage transmission projects expected to provide region-wide or local benefits? Discussion of these issues should focus on the MISO-PJM seam in general, and NIPSCO's location on the seam in particular.

Panelists: Matthew Holtz - Northern Indiana Public Service Company  
Jesse Moser - MISO  
Steve Herling - PJM  
Steven Naumann - Exelon  
Omar Martino - EDF Renewable Energy  
Tom Vitez - ITC Holdings Corp.

**Session 5: Generator Interconnections and Retirements (2:45pm - 3:45pm)**

Panelists should be prepared to discuss the issue of whether the Commission should require MISO and PJM to improve the processes within the MISO-PJM JOA with respect to new generator interconnections and generation retirements, as proposed by NIPSCO in the Complaint, and to answer questions including, but not limited to, the following: What impact does the interconnection or retirement of external generation have on a neighboring region? How do MISO and PJM model new generation, or the retirement of existing generation, on a neighboring system? At what stage of the interconnection process do MISO and PJM share information or coordinate studies? How does the current process of studying external generation impact congestion? How do MISO and PJM share information about generator interconnections and retirements? What are the differences in timing between the two RTOs for sharing information about generator interconnections and retirements? Discussion of these issues should focus on the MISO-PJM seam in general, and NIPSCO's location on the seam in particular.

Panelists: Matthew Holtz - Northern Indiana Public Service Company  
Jesse Moser - MISO  
Tim Aliff - MISO  
Paul McGlynn - PJM  
Beth Soholt - Wind on the Wires  
Steven Naumann - Exelon

**Conference Conclusion: Next Steps (3:45pm - 4:00pm)**