



## Interconnection Process Working Group (IPWG)

### Conference Call & Webex

June 9, 2026

10:00 am to 11:25 am ET / 9:00 am to 10:25 am CT

Dial in and Webex information available at [www.misoenergy.org](http://www.misoenergy.org)

### Minutes

*This meeting is part of the MISO AI Summarization Pilot Program and will be recorded and transcribed.*

#### 1. Administrative Items (Angela Maiko for Erin Murphy)

##### a. Welcome and Roll Call

##### Public Meeting Announcement and Code of Conduct

The meeting was called to order at 10:00am ET/9:00am CT.

Chair: Erin Murphy - Absent

Vice Chair: Angela Maiko (Angela led the June IPWG Meeting)

MISO Liaison: Kyle Trotter

Stakeholder Relations: Mandi McGirr

##### Participants:

A Srivastava, EPE  
Consulting  
Aaron Demuth, OTP  
Aasawari Pawar,  
Grid United  
Abhishek Dinakar,  
Savion  
Abigail Reid, MGE  
Adam Renfandt, NDSG  
Adam Solomon, Vestas  
Adam Stern, Clearway  
Addie Stromberg,  
Company Not Provided  
Alan Castillo, Ulteig  
Alex Kloiber, CIPCO  
Allie Koepplinger,  
MI PSC  
Amber Joyce, MDU  
Amrit Srivastava,  
EPE Consulting  
Andrew Grieve, J  
upiter Power  
Andrew Kienitz,  
MN Power  
Andy Cotter, ATC  
Andy Ford, GDS  
Andy Kowalczyk, SREA  
Andy Narvesen,  
OTP  
Anita C, ACES  
Anthony A. Alvarez,  
IA OCA  
Anton Ptak, EDFR  
Antonio Santos, RWE

Anushree Pethe,  
Daymark EA  
Art Iler, IN OUCC  
Arturo Simg Herrera,  
WPD-USA  
Austin Roth, Lydian  
Energy  
Bakhta War Khan, Gabel  
Barbara De Abreu, Doral  
Renewables  
Ben Dayman, MEC  
Ben Scott, CMS  
Beverly Yu, Tangent  
Energy  
Bill Turnbull, MEC  
Brad Pope, OMS  
Bradley Luckton, WPPI  
Brandon Culpepper,  
Industry Solutions  
Brandon Marshall, Entergy  
Brent Taylor, MPPA  
Brian C. Drumm, ITC  
Bright Frimpong-Duah,  
Quanta Technology  
Bruce Grey, Doral  
Renewables  
Caleb Gemperlein,  
Heelstone Energy  
Carlos Toledo, Nira  
Carolyn Todd, Eco Energy  
Carolyn Wetterlin, Xcel  
Chad Craven, Savion  
Chandana Bommarreddy,  
InnerGex

Charlie Ary, Grid United  
Chris Norton, AMP  
Chris Plante, WEC  
Chris Stolz, PGR  
Christian Coffman, LRE  
Christiana Ivanova, GQS  
Energy  
Christopher Elie, Duke  
Cindy Guillot, Cleco  
Cindy Hammarlund, CES  
Claire Stewart, Heelstone  
Energy  
Clayton W. Robinson,  
Pattern Energy  
Cody Adanitsch, GDS  
Cody Anderson, OTP  
Connie Maluwelmeng,  
Alliant  
Cooper Fogle, KY PSC  
Craig Wrisley, Xcel  
Cynthia Crane, ITC  
Dan Alfred, CMS  
Daniel Clark, Scout  
Daniel Coomes, Toth Associates  
David Webb, Entergy  
David Harlan, Veriquest  
David Hennen, Ameren  
David Leventhal, AES  
David Osterkamp, ITC  
David Sapper, CGA  
David Savage, IURC  
David Ticknor, RES  
Group  
David Zito, Gabel

➡ Post Only

✓ Potential Voting Item

^ Feedback Request

\* Verbal Report



Dennis Constien, SWPA  
 Derek Mosolf , GRE  
 Derek Sunderman,  
 Savion  
 DeWayne Todd, Alcoa  
 Dinesh Patil, ICF  
 Dylan Rubenstein,  
 Ranger Power  
 Eduardo B. Gomez,  
 Diversxia  
 Emma Gomez, 1898 &  
 Co.  
 Eric Dearmont,  
 MJMEUC, Healy Law  
 Eric Stephens, AMP  
 Eric Thoms , Invenergy  
 Erik Hanser, LARA,  
 MI PSC  
 Erin Chiari, Jupiter  
 Power  
 Eva Kaso-Collette,  
 Orsted  
 Farah Neha, Advantage  
 Cap  
 Farhad Yahyaie, Qualus  
 Fiza Shaikh, New Project  
 Media  
 Forrest Tingo, LSBP  
 Forrest Ward, Morning  
 Sky Power  
 Frederick Salvo, Baker  
 Donelson  
 George Schwager,  
 Atlantica  
 Ger Celestin, Vistra  
 Gillian Coats, Lydian  
 Energy  
 Hardik Patel, Invenergy  
 Harriet Walsh, Orsted  
 Harsha C, NextEra  
 Heather Palmer, IA OCA  
 Humberto Branco, Rev  
 Renewables  
 Hunter Burgett, Strata  
 Clean Energy  
 Ian Reichardt, Silicon  
 Ranch  
 Ian Sharpe, LRE  
 Jacob Lampi, CIPCO  
 James Thomas,  
 PowerGEM  
 Jamie Spickes, Company Not Found  
 Jason Goar, Cooperative  
 Energy  
 Jason Harchick, Oriden  
 Power  
 Jason Mazigian, BEPC

Jason Schmidt, LRE  
 Jason Weiwers, OTP  
 Jaydeepkumar Senjaliya,  
 Ulteig  
 Jeff Kelley, NIPSCO  
 Jeffrey Billinton, CAISO  
 Jenjira Knernschield,  
 CEC  
 Jenna Runge, 1898 &  
 Co.  
 Jeremi Wofford,  
 Ameren  
 Jeremy Bennett,  
 Avangrid  
 Jay Rasmussen, Duke  
 Jeremy Jones, Entergy  
 Jessica Willey, Xcel  
 Joe Downie, Acciona  
 Joe Doyle, Pattern  
 Energy  
 John Wolfram , Catalyst  
 Consulting LLC  
 Jordan Johnson,  
 CenterPoint  
 Jose Trivino, WPD-USA  
 Joseph Silvers,  
 PowerGEM  
 Josh Webb, Mortenson  
 Kellen Kinard, Savion  
 Ken Kagy, CFU  
 Kendall White, NextEra  
 Kenneth Foladare,  
 Tangibli Inc  
 Keyur Patil, Zero  
 Emission Grid  
 Kurt Vanderlick, Cleco  
 Lane Sisung, LA PSC  
 Larry Borum III, Ranger  
 Power  
 Laura Hannah, NRDC  
 Leela Menon, New Leaf  
 Energy  
 Lei Tang, NextEra  
 Leslie Hamby,  
 CenterPoint  
 Lincoln Miller, PSCW  
 Liqin Jiang, Duke  
 Lisa Silverwulf, HDR  
 Lise Trudeau, MN PUC  
 M Harp, BHGA  
 Maqsood Shariff,  
 Continuum Associates  
 Madeline Gould  
 Laughlin, Grid United  
 Mandy Chandra, Jupiter Power  
 Manuel Ordenez Webb, Ameren  
 Matt Kukacka, Xcel

Matt Zierau, DTE  
 Matthew, OTP  
 Max Blackburn, Invenergy  
 Maxwell Cury, Recurrent Energy  
 Maxx Snell, MDU  
 Michael L. Dantzler, Ranger Power  
 Michael Saer, GRE  
 Michele Bruning, Xcel  
 Mick McGuckin, SOO Green  
 Mike Cronier, LRE  
 Mike Gahimer, Arevon  
 Mike Malguarnera, Transmission Fox  
 Mithun Mallick, Aypa  
 Nahreen Mahmud, Entergy  
 Natalie McIntire, NRDC  
 Neil Millar, CAISO  
 Nicholas Keesler, Ormat  
 Nicholas Oberski, Telos Energy  
 Noel Darce, Fishman Haygood  
 Paul McQueen, RES Group  
 Pavan Sajja, Pattern Energy  
 Peter Koegel, PSE  
 Philip Moy, Arevon  
 Preston Hart, OTP  
 Que El-Amin, Crawford  
 Rachel Passman, Gabel  
 Rakhi Ramteke, InnerGex  
 Ray McCausland, Ameren  
 Remo Shestani , Tangibli Inc  
 Rhonda Peters, Intertranec  
 Rob Wells, ITC  
 Robert Vosberg , LPSC Staff  
 Robert Wilson, Duke  
 Rory Jones, Acciona  
 Ryan Wernette, WPSCI  
 Rylan Hanson, OTP  
 Sahil Sharma, ICF  
 Sailee Phase, Tract  
 Samruddhi, EE Plus  
 Sandeep Tadepally, RWE  
 Sanjay Bhatia, Savion  
 Sara Ostrander, Hoosier Energy  
 Sawyer McClure,  
 WPSCI  
 Scott Harding, GDS  
 Shailabh Mazari, Avangrid  
 Shannon Dancler, Ulteig  
 Shawn Welch , Doral Renewables  
 Shivam Sharma, Alliant  
 Soma Soko, New Leaf Energy  
 Srijan Karim, MEC  
 Stephanie Neitzel, ATC  
 Steve Leovy, WPPI  
 Steven Leovy, WPPI  
 Subhadarshi Sarkar, NextEra  
 Sujeet Urwan, MRES



Sumit Mundade, Treaty  
Oak Clean Energy  
Summer Fabus, EDPR  
Susan Stanfill, Morning  
Sky Power  
Taylor E Lucke, Duke  
Temujin Roach, EDFR  
Thomas Banks, ESA  
Solar  
Thomas Chamberlain,  
Entergy  
Thompson Adu, Engie  
NA

Tia Elliott, Pelican  
Power  
TJ Cochran, Ameren  
Trey Mayeux, Cleco  
Tricia Debleeckere,  
OMS  
Tuan Truong, Duke  
Tyler Bergman, CGA  
Tyler Jorgenson, OTP  
Vince Vandaveer,  
Ameren  
Virginia Paschal, Grid  
United

Wendy Anderson, MN  
Power  
Wendy Reed, Wright &  
Talisman  
Werner Roth, TX PUC  
Winnie Nguyen, Total  
Energies  
Yaming Zhu, Siemens  
Yamit Lavi, NRDC  
Zach Fjestad, OTP  
Zach Starkey,  
CenterPoint  
Zach Van Ness, Matrix  
Renewables

**b. Review Agenda**

The agenda was accepted as posted.

**c. Review Meeting Minutes / Action Items**

The minutes were accepted as posted.

| Action Item                                                                                                                                                                                                                                                                                                                                                               | Owner                 | Date      | Status |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|-----------|--------|
| MISO requested feedback on <b>Attachment GGG Improvements (PAC-2024-6)</b> by May 12, 2026.                                                                                                                                                                                                                                                                               | Stakeholder Relations | 4/28/2026 | Closed |
| <b>Inverter Based Resource (IBR) Performance, Modeling, and Conformance (PAC-2024-2)</b> – MISO to follow up regarding inverter Original Equipment Manufacturer (OEM) ability to meet June 1, 2026, IBR modeling requirements deadline.<br><br><b>Status Update:</b> MISO sent a notice to the IPWG stakeholder mailing list with an update on this item on May 11, 2026. | Stakeholder Relations | 4/28/2026 | Closed |
| <b>Item 2 - Liaison Report</b> – update May 14 LLWG slide; meeting will begin an hour earlier at Noon ET (instead of 1pm ET)                                                                                                                                                                                                                                              | Stakeholder Relations | 4/28/2026 | Closed |
| <b>Item 7 - SUGAR Implementation</b> – remove internal link to DPP Model Requirements on slide 5 and repost                                                                                                                                                                                                                                                               | Stakeholder Relations | 4/28/2026 | Closed |

**d. Review Management Plan**

The management plan was reviewed. Stakeholders requested an update on SUGAR in Q3.

**2. Liaison Report (Kyle Trotter)**

- **MISO Feedback Response – Attachment GGG Improvements (PAC-2024-6)** – Stakeholder feedback generally support proposed redlines to Attachment GGG and requested additional clarification of cost recovery pathways for Necessary vs. Network upgrades. MISO is making a few minor edits based upon feedback received and will present this issue to the Planning Advisory Committee (PAC) for an additional feedback request. Contact: Sam Hipple

➡ Post Only

√ Potential Voting Item

^ Feedback Request

\* Verbal Report



- **Generator Queue Improvements (PAC-2023-1)**
  - **Expedited Resource Addition Study (ERAS) Update** – Cycle 4 studies are underway. MISO shared that the studies for six projects - all Load Serving Entities (LSEs), launched on June 1, 2026. A stakeholder mentioned that IPP requests are coming but take a little longer. MISO is proceeding with ERAS as designed and is discussing internally how to make the best use of the process going forward. Contact: Aneta Godbole
  - **Queue Cap Tracker Update** – MISO's Queue Cap Tracker has been updated with DPP-2026 data. The East (ITC) Regional Cap has been met. MISO clarified the Queue Cap Tracker includes anything that has been submitted, not just projects with J numbers. Contact: Rob Lamoureux
  - **DPP 2026 Schedule & Updated Application Fee (D1)** – MISO shared some key dates - the Application Deadline is Thursday September 10, 2026, and the Study Cycle Kick-off is scheduled for Wednesday December 9, 2026. The New Application Fee (D1) is \$7,600. \*All projects currently included in DPP 2026 Cycle will need to true-up D1 per GIP Section 3.6 (recalculated every three years). MISO will send deficiency notices for these. MISO confirmed the 2026 *Definitive Planning Phase Schedule* was updated on June 9 and reposted to the MISO website > Planning > Generation Interconnection Queue > Related Documents. Contact: Aneta Godbole
- **MISO's Resource Planning Team Organization** – MISO provided an overview of the new Resource Planning Team structure. There are two directors and six managers. Christina Drake is the director for Generator Interconnection and Ryan Westphal is the Director of Resource Utilization.
- **MISO AI Summarization Pilot Program** - MISO is pleased to announce the launch of its AI Summarization Pilot Program, designed to enhance the accessibility and transparency of stakeholder committee meetings. This program was implemented at the Reliability Subcommittee (RSC) on May 19, 2026, and is being implemented at the IPWG on June 9, 2026. AI-generated summaries will be posted alongside standard meeting materials via the MISO website > Engage > Stakeholder Entities and Workshops > Related Documents sections. Over the next several months, MISO will evaluate the program's value, accuracy, and efficiency. A survey link will be accessible within each AI Summarization. Contact: Stakeholder Relations
- **Announcements & Upcoming Events** – see appendix

### 3. MISO Posted Items ➡ (Kyle Trotter)

- a. **FERC Status Report**
- b. **Definitive Planning Phase (DPP) Study Schedule** – MISO answered questions about the 2022 DPP Cycle and noted it will be delayed by a month. Regarding the 2026 DPP Cycle kickoff – MISO shared it is planning to align the DPP schedule with the annual MTEP cycle schedule. MISO also clarified that Order 2023 requires MISO to do annual cluster studies including one study cycle per year. Regarding the DPP Charging study scenario, MISO confirmed it is aligning the 5-year MTEP and DPP light load models and encouraged stakeholders to follow PAC-2024-3 at the Planning Subcommittee on June 10, 2026. MISO agreed to also add a brief update on this issue in the next IPWG Liaison Report.

### 4. Attachment GGG Improvements (PAC-2024-6) (Sam Hipple)

#### **Summarize feedback and introduce additional Tariff redlines**

MISO finalized additional Tariff and BPM changes regarding MISO's MHVDC Interconnection Procedure and responded to stakeholder feedback received. MISO proposed final changes to improve the existing MHVDC interconnection process. MISO clarified Necessary Upgrades



versus Network Upgrades (existing definitions remain unchanged), minor updates to the Multi-Party Facility Construction Agreement (MPFCA), and clarified injection ability via Module B (Transmission Service) - if not pursuing E-NRIS via Attachment X. Updated Attachment GGG redlines are posted with June IPWG meeting materials. MISO plans to proceed to the Planning Advisory Committee (PAC) with proposed changes.

MISO reviewed the following feedback themes received:

- General support for clarification of the Module B pathway and Necessary vs. Network Upgrades
- Concern with scope of Necessary Upgrades outcomes in Attachment GGG Connection studies – was some concerns expressed in the stakeholder feedback received with the necessary upgrades, those upgrades are only associated with the physical system
- Clarification of Network Upgrades cost recovery pathways for Module B vs Attachment X
- Request for additional clarification in Attachment GGG regarding Module B pathway

MISO discussed the clarification of Module B pathway applicability. MHVDC Connection Customers have two pathways to delivery 1) MHVDC Connection Service + Attachment X Injection Rights + convert to External NRIS within 3 years; OR 2) MHVDC Connection Service + Module B Transmission Service. Regarding the January redlines to Attachment GGG, § 3.2.3.1 “Injections Rights Option”, MISO discussed the 3-year window for Injection Rights conversion to External NRIS or Module B Transmission Service. MISO has removed these redlines to clarify the Injection Rights pathway and Module B pathways are separate and independent.

MISO is targeting two FERC Filings – the first in next 30 days and the second pending PAC response, 2026 Q3-Q4. MISO discussed the updated application form and material modification rules including clarifying Module B path for injection, not restricted to Attachment X and E-NRIS and clarification of Necessary and Network Upgrades.

## **5. Generator Interconnection Portal – Product Update (Kris Ruud)**

MISO provided an update on the Generation Interconnection Application Automation (GIAA) portal including: product status and product team, Release 1 (April 8, 2026) and Release 2 (May 16, 2026) summaries, Release 3 preview (tentative schedule: July 18, September 15, November 15, 2026), known issues and the backlog, and other product activities. MISO shared that the portal and tools are currently focused on the application and study of new generators and in the coming years, MISO expects the tool to be more comprehensive of the system. MISO encouraged stakeholders to submit issues or provide suggestions directly in the GIAA Portal via the ‘Give Feedback’ slider.

The Generation Interconnection (GI) / Resource Utilization (RU) Product includes the systems, platforms, and automation supporting the GI and RU teams in coordinating lifecycle management of Resources in the MISO system. The full launch of the MISO-developed application occurred in November 2025, and a dedicated product development team was established March 1, 2026. MISO answered stakeholder questions. MISO discussed future development goals including enhanced automation with Pearl Street, data clean up from the old portal, Decision Point tracking, and improvements to status reporting and dashboards. Stakeholders recommended for MISO to



provide some 'release notes' when planned improvements are scheduled to go into effect and to consider addition some sorting (or download) options to the tool on the front end.

#### 6. New Business (All)

- **SUGAR Alternative Process Reform** - Ben Scott of Consumers (CMS) proposed adding SUGAR Alternative Process Reform to the July IPWG. A few stakeholders also expressed support for this topic. IPWG Vice Chair Maiko asked Consumers to send an email to the IPWG Leadership with details of this topic – and agreed to provide a response by the next IPWG. MISO offered that if this topic is an issue for consideration in the stakeholder process, to consider submitting an issue via the [Issue Submission Form](#) available on the MISO website.
- **TSAT for DPP 2026** - Eva Kaso-Collette of Orsted agreed to reach out to Alan Urban in MISO regarding her question on TSAT for DPP 2026.

#### 7. Action Items (Mandi McGirr)

There were no action items.

#### 8. Adjourn

Meeting adjourned at 11:22 am ET/10:22 am CT

**Next Meeting: July 21, 2026**