



Interconnection Process Working Group (IPWG)
Conference Call & Webex
July 21, 2026
10:00 am to 11:30 am ET / 9:00 am to 10:30 am CT
Dial in and Webex information available at www.misoenergy.org

Minutes

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

1. Administrative Items (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

Vice Chair: Angela Maiko

MISO Liaison: Kyle Trotter

Stakeholder Relations: Mandi McGirr

Participants:

Aaron Martin, CMS

Abhishek Dinakar,

Savion

Abigail Reid, MGE

Adam Renfandt, NDSG

Akeyo Seun, Pattern Energy

Alan Castillo, Ulteig

Alex Kapetanovic, UKA

Alex Kloiber, CIPCO

Allie Koepflinger, MI

PSC

Aly Farouk, 1898 & Co.

Amanda Cook, RTO

Insider

Amanda Kastenschmidt,

DPC

Amber Joyce, MDU

Amrit Srivastava, EPE Consulting

Andrew Kienitz, MN Power

Andrew Kowalczyk, SREA

Andy Cotter, ATC

Andy Ford, GDS

Ankith Takkala, National Grid

Antonio Santos, RWE

Anushree Pethe,

Daymark EA

Bakhtawar Khan, Gabel

Barbara De Abreu,

Doral Renewables

Ben Dayman, MEC

Ben Scott, CMS

Bill Booth, Michael Best

Bill Turnbull, MEC

Bradley Luckton, WPPI

Brent Taylor, MPPA

Bright Frimpong-Duah, Danovo

Brock Ondayko, AEP

Bryan Ramler, GRE

Carolyn Todd,

Eco-Energy

Carson Hemphill, MEC

Chandana Bommareddy,

InnerGex

Chengyue Guo, ATC

Chris Norton, AMP

Chris Plante, WEC

Chris Stolz, PGR

Christopher Elie, Duke

Cindy Guillot, Cleco

Cindy Hammarlund, CES

Claire Stewart, Heelstone Energy

Claudia Partridge, Fresh Energy

Clayton W Robinson,

Pattern Energy

Cody Anderson, OTP

Colson Williams, Base

Electron

Connie Maluwelmeng,

Alliant

Conor McKenzie, AEU

Cynthia Crane, ITC

Daniel Clark, Scout

David Brauch, Aypa

David Johnston, IURC

David Leventhal, AES

David Mabe, Pearl Street

David Sapper, CGA

David Savage, IURC

David Ticknor, RES Group

David Zito, Gabel

Dawn Quick, NIPSCO

Derek Kou, Sol

Derek Long, Triple Oak

Power

Derek Mosolf, GRE

Derek Sunderman, Savion

Devon Pehrson, Geronimo

Power

Dhruv Gupta, Concord

New Energy

Diana Vasquez, Deriva

Energy

Dillon Broughton,

Timmons

Dylan Rubenstein, Ranger

Power

Dylan Stockert, MDU

Eduardo Gomez, Diversxia

Elias Fallon, Pearl Street

Eric Giddens, IA IUC

Eric Stephens, AMP

Eric Thoms, Invenergy

Erik Hanser, MI PSC

Farah Neha, Advantage Cap

Farhad Yahyaie, Qualus



Fiza Shaikh, New Project
Media
Forrest Ward, Morning Sky
Power
Frederick Salvo, Baker
Donelson
Ganesh Velumyllum, New
Edge Power
Geethika Vanteru , Balanced Rock
Power
George Schwager,
Atlantica
Hannah McCorry, ICC
Hardik Patel, Invenergy
Henry Yang, Jupiter
Power
Humberto Branco, Rev Renewables
Ian Kleinschmidt, 1898
& Co.
Ian Reichardt, Silicon
Ranch Corp.
Ian Sharpe, LRE
Isaiah Carter, CMS
Jacob Lampi, CIPCO
Jamal Khudai, ATC
James Abraham,
Morning Sky Power
James Thomas,
PowerGEM
Jason Goar,
Cooperative Energy
Jason Harchick, Oriden
Power
Jason Hastings, Total
Energies
Jason Mazigian, BEPC
Jaydeepkumar Senjaliya,
Ulteig
Jeff Kelley, NIPSCO
Jeff Wettstein, Pearl Street
Jeffrey Billinton, Caiso
Jenna Runge, 1898 & Co.
Jeremi Wofford, Ameren
Jeremy Bennett, Avangrid
Jeremy Jones, Entergy
Jessica Duhon, Entergy
Jodi Walters, CMPAS
Joe Hensel, MPC
John Wolfram, Catalyst
Consulting LLC
Jonah Baskin, Sierra
Club
Jonathan DeMay,
Nexamp
Jordan Adams, Duke
Jose Villarreal, Acciona

Joseph Silvers,
PowerGEM
Kara Smerud, MN Power
Kaushal Kumar, Boralex
Keith Howe, GRE
Kellen Kinard, Savion
Ken Kagy, CFU
Kendall White,
NextEra
Kevin Fillingim,
Nexamp
Kimberly Dunning,
CenterPoint
Kristen Long, Entergy
Kurt Vanderlick, Cleco
Larry Borum III,
Ranger Power
Laura Hannah, NRDC
Laura Munoz, FEUS
Laura Witzling, PSCW
Leslie Hamby,
CenterPoint
Liam Kelley, Esvolta
Liqin Jiang, Duke
Lisa Barrett, DTE
Lisa Silverwulf, HDR
Lise Trudeau, MN PUC
Liv Crowell, Ameren
Lucas Godshalk, Pearl
Street
Maryclaire Peterson,
Entergy
Matt Zierau, DTE
Matthew Wofie, OTP
Maurice Winter, RWE
Maxwell Cury, Recurrent
Energy
Maxx Snell, MDU
Michael L Dantzler,
Ranger Power
Mick McGuckin, SOO
Green
Mike Gahimer, Arevon
Mithun Mallick, Aypa
Naishadh Hegde, Ameren
Natalie McIntire, NRDC
Nicholas Keesler, Ormat
Nina Zheng, RWE
Peter Koegel, PSE
Philip Moy, Arevon
Presley Reed, Dentons
Preston Hart, OTP
Rakhi Ramteke,
InnerGex
Rebecca Darrah, AES
Rhett Edward Trease,

Duke
Rhonda Peters,
Intertranec
Rishabh Gupta, Pearl
Street
Rob Wells, ITC
Robert Rozhanskyy,
Adapture
Robert Sparks, Caiso
Robert Vosberg, LPSC
Ron Slagel, Ranger Power
Rory Jones, Acciona
Rylan Lovan, IA IUC
Rylan Hanson, OTP
Sam Flomenhoft, Pattern
Energy
Sam Roberts, TED
Sandeep Tadepally, RWE
Sangeetha Rajasekeran,
Nira
Sanjay Bhatia, Savion
Sara VanDerWeide, New
Leaf Energy
Shane O'Brien, Aypa
Shannon Dancler, Ulteig
Shawn Welch, Doral
Renewables
Shivam Sharma, Alliant
Srijan Karim, MEC
Stacie Hebert, Herbert
Consulting
Storie Nivers, New Leaf
Energy
Sujeet Urwan, MRES
Summer Fabus, EDPR
Susan Rossi, Xcel
Susan Stanfill, Morning
Sky Power
Talha Ali, Enverus
Tatiana Gabriichuk, AES
Taylor E Lucke, Duke
Temujin Roach, EDFR
Thompson Adu, Engie
NA
Tia Elliott, Pelican Power
Tim Ellis, Clenera
TJ Cochran, Ameren
Trey Mayeux, Cleco
Tyler Bergman, CGA
Vaibhav Bilagi, RWE
Vanessa Thompson, UKA
Vince Vandaveer, Ameren
Werner Roth, TX PUC
Zach Fjestad, OTP



b. Review Agenda

The agenda was accepted as posted.

c. Review Meeting Minutes / Action Items

There were no action items from the June 9, 2026, IPWG Meeting.

d. Review Management Plan

The management plan was reviewed.

2. Liaison Report (Kyle Trotter)

- **Generator Queue Improvements (PAC-2023-1)**

- **Expedited Resource Addition Study (ERAS) Update** - The ERAS process is being successfully utilized to support critically needed generation. The caps of 50 Load-Serving Entities (LSEs) and 10 Independent Power Producers (IPPs) projects have been met. MISO will process two (or more) cycles of projects in the same ERAS Quarterly Study Period when there is a common constraint. MISO requested stakeholder feedback at the July 15 Planning Advisory Committee (PAC) on future Tariff revision proposal to extend the ERAS sunset date to December 2027 for Retail Choice projects. MISO agreed to take an action item to ensure the ERAS GIA data on slide 3 is aligned with the ERAS Interconnection Requests spreadsheet (on the GI Studies and Procedures section of the MISO website), as needed. MISO also confirmed they are on track with Tariff deadlines and EGIA executions.

- **Removing Storage Charging Limitations in GIAs (PAC-2024-3)** - MISO is proposing to replace the summer shoulder peak case with a light load case for the DPP charging study scenario. This issue has been discussed at the Planning Subcommittee (PSC) and will be moving up to the next Planning Advisory Committee (PAC) in August. MISO confirmed any changes would only apply to future DPP cycles.

- **Affected System Study (AFS) Tariff Filing for DPP-2022 & DPP-2023** - MISO plans to align Affected System report requirements for DPP-2022 & DPP-2023 cycles with Order 2023 Compliance. Consistent with Order 2023, MISO will not wait for Affected System reports from neighboring entities that have not provided them when all other results are ready. MISO will post the DPP System Impact Study (SIS), incorporating Affected System report results, *if available*. MISO confirmed there is no impact on JTIQ, and this filing will not impact anything beyond 2022 and 2023; the scope is limited to 2022 and 2023 cycles. Stakeholders raised concerns about shifting risk for the 2022 and 2023 cycles with moving forward without AFS results. MISO confirmed it is not making any changes to the penalty-free withdrawal provisions, and if Interconnection Customers want to wait for AFS results before proceeding with GIA negotiation, they still have that option.

- **DPP 2026 Cycle Schedule & Updated D1 - Application Deadline**: Thursday September 10, 2026. **Study Cycle Kick-off**: Wednesday December 9, 2026. Initial



draft model reviews (A10) are planned for mid-December 2026, please plan accordingly. New Application Fee (D1): \$7,600* All projects currently included in DPP 2026 Cycle will need to true-up D1 per GIP Section 3.6. MISO will send deficiency notices for these. MISO clarified that 2026 will not have the same grace period as 2025 regarding IBR modeling requirements.

- **SUGAR Update** – SUGAR software development continues as we prepare for use in DPP 2023 Phase II. MISO will schedule additional “SUGAR Rush” workshops for Transmission Owners and Interconnection Customers in August and September (dates/times to be announced). These workshops will include: Functional overview, Product Roadmap review, What’s new for DPP Phase II, and Open discussion and feedback opportunity. MISO confirmed SUGAR will be used in Phase 2 beginning with the 2023 cycle and the alternative mitigation process – questioned by CMS – will be covered in these SUGAR Rushes.
- **Generation Interconnection Application Automation (GIAA) Portal Update & Survey** – MISO provided an update that the new portal release has been bumped to July 25, 2026. A preview of the Release Notes on externally facing changes are available in the IPWG liaison report. Please provide direct feedback about your experience with the GIAA portal via the upcoming survey in August.
- **Communication with MISO’s Generation Interconnection and Resource Utilization Teams** - All GI-related questions should now be submitted as a case through the [MISO Help Center](#).
- **Customer Experience Annual Survey** - available July 7-28, MISO thanked stakeholders in advance for their participation in this survey. Contact: cx-listening@misoenergy.org
- **MISO AI Summarization Pilot Program** – This pilot program launched on May 19, 2026, at the Reliability Subcommittee (RSC) and June 9, 2026, at the IPWG. AI-generated summaries are posted to the Related Documents sections of the RSC and IPWG homepages; the program will be evaluated for value, accuracy, and efficiency. Stakeholders raised the value of having access to transcripts with names redacted, in lieu of Stakeholder Relations-generated AI summaries. Stakeholders expressed the desire to use transcripts in their own AI functions. MISO encouraged stakeholders to participate in a [survey](#) via the available link within each posted AI Summary. Contact: Stakeholder Relations
- **Workshops and Announcements** – see appendix

3. MISO Posted Items ➡ (Kyle Trotter)

- a. **FERC Status Report**
- b. **Definitive Planning Phase (DPP) Study Schedule** - MISO agreed to review the communication process for any deviations from the published schedule.

4. **Generator Interconnection Queue Improvements (PAC-2023-1) (Alyssa Hickey)** *Standardizing Generator Interconnection Application Model Data* ^

MISO reintroduced the need to standardize collection of power flow modeling data in the Generator Interconnection Queue Process. Reforms are needed to ensure data is collected in a consistent manner, maintained to reflect the latest project assumptions throughout the cycle, and can be used to facilitate the automation of the model build.



MISO shared that automating the model build will enable MISO to produce highly accurate, complex models quickly and help meet Tariff timelines. MISO plans to review stakeholder feedback and bring revised proposed rules for the collection of portal data and files at the next IPWG, specifically: Portal data rules impact Request Type, Service Type, Service Amount, and POI Data and Portal file rules impact one-line diagram and PSSE model (.raw). Stakeholders inquired about deficiencies related to ongoing data audits; MISO shared that these data audits support MISO's efforts to utilize automation in the model build process. MISO requests feedback on **Standardizing Generator Interconnection Application Model Data (PAC-2023-1)** by August 4, 2026.

5. MISO/SPP JOA Review/Updates ^ (Liang Qi)

MISO presented a revision to Section 9.4 of the MISO-SPP Joint Operating Agreement (JOA) – and posted MISO-SPP JOA_redlines with July IPWG meeting materials. The redlines include the following updates: added coordination on SPP Interconnection Cluster Study (ICS) process, general coordination process improvement and FERC Order 2023 compliance, added affected system Facility Construction Agreement (FCA) compliance requirement for projects assigned with Affected System upgrades, clarify on tie line upgrade and cost allocation when both parties identify violations on the same tie line for the same cluster, and miscellaneous language clean up . MISO is tentatively planning a FERC filing end of 2026 to early 2027 with an expected effective date 60 days from the FERC filing. MISO plans to provide an update at the next IPWG on September 1, 2026. This item will also move to the PAC. SPP is in progress of reviewing the JOA in their stakeholder process in parallel. MISO requests feedback on **MISO-SPP Joint Operating Agreement Revision** by August 4, 2026.

6. New Business (All)

- David Sapper (CGA) – Generator Interconnection Queue Improvements (PAC-2023-1) – MISO agreed to add a placeholder to the management plan for stakeholder-led presentations on general GIQ improvements. MISO is open to ideas helping to reduce restudies, and noted late-stage dropouts are a reason why MISO is not closing out the earlier queues.
- Erin Murphy (NextEra) - Study Withdrawal Refunds - MISO provided a high-level overview and noted that just because there is withdrawal – does not mean there is a refund; refunds are tracking 5-6 months from withdrawal. This topic was recently brought up in the Advisory Committee during MISO's June 2026 Board of Directors and Advisory Committee Week.

7. Action Items (Mandi McGirr)

Action Item	Owner	Date	Status
Management Plan Generator Interconnection Queue Improvements (PAC-2023-1) - add stakeholder-led presentations on general GIQ improvements to Q4	Stakeholder Relations	7/21/2026	Closed
Item 02 - Liaison Report – update & repost ERAS (PAC-2023-1) – Slide 3 MISO will ensure the ERAS GIA data is aligned with the ERAS Interconnection Requests spreadsheet, as needed. GIAA Portal Update – Slide 8 new portal release tentatively bumped to July 25	Stakeholder Relations	7/21/2026	Closed
Item 04 – (PAC-2023-1) - update & repost Slide 20 – correction to PSSE example	Stakeholder Relations	7/21/2026	Closed
DPP Study Schedule – MISO agreed to review the monthly DPP schedule process including scope of information, communication channels, and timing of communication surrounding major deadlines.	Stakeholder Relations	7/21/2026	Open
MISO requested feedback on Standardizing Generator Interconnection Application Model Data (PAC-2023-1) by August 4, 2026.	Stakeholder Relations	7/21/2026	Closed
MISO requested feedback on MISO-SPP Joint Operating Agreement Revision by August 4, 2026.	Stakeholder Relations	7/21/2026	Closed

8. Adjourn

Meeting adjourned at 11:57 am ET/10:57 am CT.

Next Meeting: September 1, 2026