



Distributed Energy Resources Task Force (DERTF)
April 7, 2025
Conference Call/Webex
10:00 am – 12:30 pm ET / 9:00 am – 11:30 am CT
Dial-in and Webex information available at www.misoenergy.org

Minutes

1. Administrative Items (Zac Callen)

a. Welcome / Roll Call

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

The Public Meeting Announcement and Meeting Discussion Protocol were referenced.

Chair: Zachary Callen

Vice Chair: Mike Schowalter

MISO Liaison: Michael Kessler for Geoff Brigham

Stakeholder Relations: Mandi McGirr

Participants:

Aidan Beckman, NMPP	Curtis Tarwater, Sigmawatt	Jillian Hansen, US Solar
Alex Kloiber, CIPCO	Dan Custer, MEC	Joan Soller, WVPA
Amber Joyce, MDU	Daniel Rathe, MEC	John Borgmeyer, PSC
Andrew Cameron, Coldwater	Darrell Newcomer, CMS	MO
Anita Collier, Aces	Darren Kearney, SD PUC	John Thomassen, MGE
Annie Dellva, Xcel	Dave Harlan, Veriquest	Jordan Drach, NIPSCO
Barton Norfleet, PSC MS	David Boyd, Aesl Consulting	Julie Baldwin, MI PSC
Ben Coon, CMS	David Montgomery, CPMAS	Justin Stewart, Ameren
Ben Kaldunski, Xcel	David Sapper, CGA	Kara Briggs, NRG
Bhesh Krishnappa, Seia	David Sebenaler, MPC	Katie Rock, BlueGreen
Bill Booth, MPSC	David Webb, Entergy	Alliance
Brad Arnold, Ameren	Dean Schiro, Xcel	Ken Kagy, CFU
Brad Pope, OMS	Derek Mosolf, GRE	Kevin Kingsley, MDU
Brian Hallett, ReliabilityFirst	Dewayne Todd, Alcoa	Kimberly Dunning, CenterPoint
Bridgette Frazier, AR PSC	Dylan Stockert, MDU	Konstantin Korolyov, DTE
Bridgette, AR PSC	Edward Garvey, Aesl Consulting	Kristin Gaspar, Xcel
Brock Ondayko, AEP	Erik Hanser LARA, LARA	Kyra Kelly, Duke
Bruce Grey, Samsung	Frederick Salvo, Baker	Laura Witzling, PSCW
C Mckenzie, Advanced Energy United	Donelson	Lindsey, Path Company
Carolyn Wetterlin, Xcel	Gertrude Rivera, Entergy	Liqin Jiang, Duke
Chad Singer, Ravenvolt	Greg Weiss, Ameren	Lise Trudeau, MN PUC
Charyl Kirkland, MPSC	Hilary Gold, Entergy	Luke Kinder, AR PSC
Chris Hickman, CUS	Holly Burton-Aro, PSC	Luke Metcalf, Voltus
Chris Norton, AMP	MO	Marc Bentley, WVPA
Chris Plante, WEC	J Mazigian, BEPC	Marc Gaulier, Olivine
Christopher Elie, Duke	Jacob Lampi, CIPCO	Marguerite Wagner, ITC
Christos Ghionis, Gekterna	Jacob Strauss, MN PUC	Mark Prosperi-Porta, Acciona
Cindy Guillot, Cleco	James Gao, ELPC	Martin Steele, Xcel
Claire Vigesaa, ND	Jeff Kelley, NIPSCO	Matt Fields, AES
Transmission Authority	Jeff Wernert, ThePrimeGroup	Matt Reed, NMPP
Cody Anderson, OTP	Jeremi Wofford, Ameren	Matt Wells, MPW
Cody Matthews, MI PSC	Jeremy Jones, Entergy	Michelle Lynch, HEPN
Cory Hetchler, Connex US	Jeremy Caron, GPI	Mike Fischette, LBWL
Craig Spencer, Alliant	Jill I, CMS	Mitch Myhre, Alliant
	Jill Kringstad, NDSG	Nancy Connelly, Duke
		Nathan Williams, AIC

Nic Lelm, Alliant	Rylan Hanson, OTP	Tia Elliott, Pelican Power
Nick Schroeder, MGE	Sawyer McClure, WPSCI	TJ Cochran, Ameren
Nick Tenney, CMS	Sean Shafer, Voltus	Tom Dostal, MPC
Nick Wallace, ELPC	Shelby Riese, WPPI	Trey Mayeux, Cleco
Noel Darce, Stonepigman	Soma Soko, New Leaf Energy	Tricia DeBleeckere, OMS
Oliver Burke, Efficientpl	Steve Coleman, Steve Davies, IURC	Tyler Bergman, CGA
Preston Hart, OTPCO	Taylor Carpenter, Calfe	Valy Goepfrich, WPPI
Rachel Passman, Gabel	Terry Jarrett, MJMEUC	Walt Cecil, PSC MO
Ray McCausland, Ameren	Terry Wright, Big Rivers	Werner Roth, TX PUC
Richard Gordon, AIC	Thomas Chamberlain, Entergy	William Rader, OTP
Richard K, Ameren		Windy Beck, DSCEJ
Robert Thorson, MGE		Zach Fjestad, OTP
Robert Vosberg, LPSC		Zach Pollock, Xcel
Ryan Lowe, MB Hydro		
Ryan Snyder, CenterPoint		

b. Review Agenda

The agenda was reviewed and accepted as posted.

c. Review Minutes/Action Items

The minutes were reviewed and accepted as posted.

Action Item	Owner	Date	Status
Item 03 – update and repost presentation, add registration link to Coordination Conference	MISO	1/9/2025	Closed

d. Review Management Plan

The management plan was reviewed.

e. Updated 2025 DERTF Meeting Dates

The updated 2025 DERTF calendar was reviewed. Two dates were added to 2025 – September 10 and November 10, 2025. DERTF Leadership was asked to consider increasing the cadence of DERTF meetings.

2. Liaison Report (Michael Kessler for Geoff Brigham)

- **New DERTF liaison** - Geoff Brigham (Manager MISO's Demand Response Team) is the new DERTF liaison effective April 7, 2025.
- **Locational Enrollment Service for Demand Response Resources (DRRs)** - The Locational Enrollment Service (LES) application went live in January for Emergency Demand Resources (EDRs) and will be available for enrollment submissions for DRRs by September of 2025. Contact: [MISO Help Center](#).
- **Motion to extend sunset date for DERTF** - The request for extension of the DERTF was approved at the Market Subcommittee (MSC) on February 20, 2025, and at the Steering Committee (SC) on March 12, 2025. The DERTF was extended through July 31, 2026.
- **New NAESB Effort – DER Registry** - NAESB is planning to launch a DER Registry effort. MISO does plan on participating in these discussions and recommended stakeholders to also participate in these discussions. Some potential topics may include what data should be collected, who should have access, and potential rules. Please see the NAESB website (www.naesb.org) for information on upcoming meetings. Contact: Kim Sperry
- **Workshops and Announcements**
 - **Uninstructed Deviation Enhancement (UDE) Flag Q&A Workshop** – April 22, Contact: Tammy Wiggins
 - **Emissions Estimates Technical Workshop** – April 23, Contact: Jerri Jackson
 - **PRA Results Review** – April 29, Contact: Andrew Taylor
 - **HVDC Assessment Workshop** – April 29, Contact: Christine Ross and Congcong Wang

- **Summer Readiness Workshop** – May 8, Contact: Lisa Panure
- **Futures Redesign Workshops** – May 15, Contact: RaeLynn Ash and Christina Drake

3. Distributed Energy Resources (DER) - FERC Order 2222 (Michael Kessler and Michelle Quinn) Compliance (MSC-2019-2)

MISO provided an update on this issue and reviewed MISO's Order No. 2222 compliance directives relating to the January 2025 order. The Commission issued an order on January 16, 2025, accepting MISO's second compliance filing and directing further compliance within 60 days and 180 days of the order. MISO submitted its 60-day compliance filing on March 17, 2025. MISO will submit its 180-day compliance filing, no later than July 15, 2025, addressing the DRR – Type I participation model. MISO will continue to request the accepted effective date of June 1, 2029, for enrollment.

MISO answered questions from stakeholders. With respect to market monitoring, MISO worked with the Independent Market Monitor (IMM) to address those Tariff changes. MISO has not received an Order accepting the March 17, 2025, filing – but does expect it soon. The Distributed Energy Aggregated Resource (DEAR) participation model will still stand. MISO clarified that the DRR-1 resource type is a standalone to Market Participants (MPs) and is not a part of the Order 2222 program. MISO also clarified that it is planning to remove the Phase 1, DRR-1 in its 180-day proposal.

Update: The typo on slide 4 has been updated and the presentation has been reposted.

4. Modeling Methods for Transmission & Distribution Planning to support DER (Matt Ladd)

MISO provided an update on DER representation in the MISO25 Series planning reliability models. MISO shared that DERs continue to increase on the system and are showing larger representations in the planning reliability models. DERs can be modeled in various ways to accommodate accurate representation. Representation in the models is encouraged by MISO but is not mandatory, based on current MOD-032 revisions.

MISO shared a comparison of the Year 0 Summer models from the MISO23 to MISO25 series shows an increase of installed DER capacity, but a slight increase in installations. Next steps include continued encouragement of DER representation and monitoring updates from NERC on Project 2022-02 to update MOD-032 with Inverter Based Resource (IBR)/DER modeling requirements.

MISO shared that *Inverter Based Resource (IBR) Performance, Modeling, and Conformance (PAC-2024-2)* can be followed at the Interconnection Process Working Group (IPWG).

Update: The header on slide 4 has been updated and the presentation has been reposted.

5. Order 2222 Coordination Conference[^] (Mariel Schoneman, MISO) and (Erik Hanser, OMS) Discuss key takeaways from the conference and propose next steps

The Order 2222 Coordination Conference occurred on February 18, 2025, and attendees identified common themes, responsibilities, priorities, risks, and gaps. MISO reviewed a high-level summary of stakeholder insights received during breakout sessions at the conference combined with results of a survey distributed to conference attendees. OMS discussed the top four near-term issues, the importance of operational coordination, and recommended next steps.

The purpose of the conference was to gain insight into potential challenges and stakeholder needs across multiple sectors by understanding roles and responsibilities, risks and challenges, visibility gaps with solutions, and prioritize implementation processes. The conference brought together a diverse audience, promoting broader perspectives and more inclusive outcomes. Stakeholders identified their primary responsibilities as coordination, data standardization, regulatory oversight, market participation, and grid reliability and expressed a need for increased communication with a focus on Distributed Energy Resource Aggregator (DERAs) and Distributed Energy Resource Owner (DEROs). The top priorities (identified from the conference) for implementing Order 2222 are operational coordination,

registration, and data sharing. They also identified several risks and gaps like data standardization, regulatory oversight, DER performance visibility and more.

The insights gathered during the conference will be incorporated into next steps to enhance coordination. Common themes expressed during the conference were standardization and data requirements, participation and market access for different entities, coordination between entities, and implementation time and urgency. The Electric Distribution Companies (EDCs) and DER Aggregators were asked what is needed for dispatch overrides. Common themes around dispatch override needs included DER location visibility and contributions, differentiation between impacted and non-impacted, clear processes for override decisions, standard communication and data sharing, and integrating with MISO's Systems.

OMS identified the top four near-term priorities and the importance of operational coordination. Based on OMS conversations over the past year and the heatmap exercise from the Order 2222 Coordination Conference, OMS DER leadership recommends a focus on: Registration, Enrollment, Data Sharing, and Data Reconciliation. OMS DER leadership does still see Operational Coordination as critically important – and that MISO's March 17, 2025, compliance touches on operational coordination. There may be an opportunity to pursue parallel processes, start building BPMs, etc. once compliance is accepted and progress is made on the top 4 priorities. OMS asked stakeholders to consider what kind of data needs to be shared. The group discussed how long the timeframe should be for near, mid, and long-term priorities.

OMS and MISO recommended for next steps to include developing a Collective Guidance Document or Concept of Operations (Con Ops) document, exploring updates to BPM language, addressing registration processes and technology in July, and focusing on operational coordination in September. MISO requested feedback on **Order 2222 Coordination Conference Next Steps** by April 25, 2025.

Update: Clarifying language was added to slides 15 and 18 per stakeholder requests and the presentation has been reposted.

6. New Business (All)

None

7. Action Items (Mandi McGirr)

Action Item	Owner	Date	Status
Request to consider increasing the cadence of DERTF meetings	MISO	4/7/2025	Open
Update and repost presentations: <ul style="list-style-type: none"> • Item 03 – slide 4 – 2029/2030 • Item 04 – slide 4 – header • Item 05 – slides 15 & 18 – added clarifying language re: feedback request 	MISO	4/7/2025	Closed
MISO requested feedback on Order 2222 Coordination Conference Next Steps by April 25, 2025.	MISO	4/7/2025	Closed

8. Adjourn

The meeting adjourned at 11:24 am ET / 10:24 am CT.

Next Meeting: July 24, 2025
Conference Call/Webex