



Loss of Load Expectation Working Group (LOLEWG)
Conference Call and WebEx
June 29, 2023
1:00 to 2:30 pm ET / 12:00 to 1:30 pm CT
Dial-in and WebEx information available at www.misoenergy.org

Minutes

1. Administrative Items (Werner Roth)

a. Call to Order / Roll Call

Meeting called to order at 1:00 pm ET.
The Public Meeting Notice was issued.

Chair: Werner Roth
Vice Chair: Levi McNeely
MISO Liaison: Kyle Abell
Stakeholder Relations: Amanda Jones

Participants:

Abdelraouf Ismail, Entergy
Abigail Reid, WPPI
Adam Renfandt, NDSG
Alan Neal, Cooperative
Energy
Alex Pusch, SCE
Alex Zakem,
Amber Joyce, MDU
Andy Dytuco, Ameren
Armando Figueroa-Acevedo,
MISO
Art Iler, IN OUCC
Bakhtawar Khan, Gabel
Ben Arney, DTE
Ben Matthews, Duke
Bill Booth, Michael Best
Bill Peters, MISO
Bill Raihala, Xcel
Bipin Balar, NIPSCO
Bob Lalonde, MPPA
Brad Pope, OMS
Brad Ridout, CIPCO
Brian Giggee, MDU
Brock Ondayko, AEP
C Jackson, MISO
Carrie Milton, Potomac
Casey Harding, MEC
Chris Brown, PUCT
Chris Norton, AMP
Chris Plante, WEC
Cindy Guillot, Cleco
Dan Sprinkle, LGE KU
Daniel Jagessar, Entergy
Dave Evenson, GRE
David Davis, Apex
David Harlan, Veriquest

David Kapostasy, MISO
David Sapper, CES
David Webb, Entergy
Dean Lee, OTP
Dennis Kimm, MEC
Derek Mosolf, MISO
Durgesh Manjure, MISO
Dylan Stockert, MDU
Elsbeth McGarvey, MISO
Eric Rodriguez, MISO
Éric Souque, MB Hydro
Eric Thoms, Invenergy
Erin Murphy, Big Rivers
George OConnor, Brunini
Ginger Hodge, CES
Jamie Niccolls, Alliant
Jason Goar, Cooperative
Energy
Jason Mazigian, BEPC
Javier Martinez, PSCW
Jeremi Wofford, Ameren
Jeremy Barlow, MPUS
John Bott, IMPA
John DiBasilio, MISO
John Thomasen, MGE
John Wachtler, MN PUC
Joshua Schabla, MISO
Jude Lindholm, AECC
Kari Hassler, Xcel
Karina Kloth, Alliant
Karolanne Foley, DPC
Keith Parrott, MPPA
Kevin Cline, MEC
Kimberly Dunning,
CenterPoint
Kristin Eidem, MEC

Kristina Grandquist, MEC
Kurt Vanderlic, Cleco
Kyle Abell, MISO
Levi McNeely, WVPA
Li Zhao, SCE
Lise Trudeau, MN PUC
Marcus Hawkins, OMS
Mark Volpe, COMPP
Mary Morrison, Xcel
Matthew King, GDS
Michaela Flagg, CES
Michelle Lynch, Hoosier
Energy
Michelle Quinn, MISO
Mike Gahimer, Arevon
Mitchell Myhre, Alliant
Natalie McIntire, CGA
Neil Hammer, MEC
Nickolas Przybilla, MISO
Noel Darce, Stone Pigman
Pengwei Du, ERCOT
Presley Reed, Dentons
Preston Riewer, OTP
Raju Brahmandhabheri, ITC
Ray McCausland, Ameren
Renee Colbert, DPC
Robert Vosberg, LPSC Staff
Consultant
Roberto Paliza, Paliza
Consulting
Ron Franz, DPC
Ryan Frederic, MS PSC
Sam Kokkinen, GRE
Savannah Miller, MISO
Scott Bents, IA OCA
Scott Deffenderfer, Ameren



Shirley Schultz, AMP
Sophia Dossin, Invenergy
Srijan Karim, MEC
Srilekha Dokala, Entergy
Steve Leovy, WPPI
Taylor Martin, Potomac
Terry Jarrett, MJMEUC
Thomas Chamberlain,
Entergy

Thomas Swift, IMPA
Tia Elliott, Cleco
Tom King, WPSCI
Tom Siegrist, SMXB Law
Travis Stewart, Gabel
Associates
Trey Mayeux, Cleco
Venkata Bujimalla, IA IUB
Vince Vandaveer, Ameren

Walter Ferguson, MISO
Werner Roth, PUCT
Wil Holm, MISO
Winnie Nguyen, MISO
Wyatt Ellertson, Entergy
Yulin Liang, Cooperative
Energy

b. Review Agenda

Agenda accepted as posted.

c. Review Meeting Minutes / Action Items

Minutes for the last meeting were accepted as posted. One action item remains open but will be addressed in part with discussion from this meeting. If there is continued interest in data transparency, the stakeholder is encouraged to reach out to LOLEWG leadership.

Action Item	Owner	Date	Status
MISO will post 30-year wind/solar profiles to the Sharefile location and notify the LOLEWG once available	MISO	10/3/2022	Open
2023 charter and management plan will be shared with the RASC for its annual review and approval	LOLEWG Leadership	3/16/2023	Closed
LOLEWG leadership will explore enhanced data availability (with coordination from the RASC leadership)	LOLEWG Leadership	3/16/2023	Open
Repost 101 presentation with correction to slide 6	MISO	3/16/2023	Closed

d. Review Management Plan

One update was made to the management plan and included in redline; there were no questions nor suggested edits.

2. Liaison Report (Kyle Abell)

Kyle provided highlights of his written report on the topics of:

- PY2024-2025 LOLE Study Schedule
- PY2024-2025 LOLE Model Data Posted

A stakeholder asked if MISO could provide a comparison of changes from last year's study to this year's study. Kyle indicated that some was shared in March and is contained in the appendix for the Item 03 presentation for this meeting (slide 33). Seasonal inputs from last year are largely unchanged, though a number of changes were made last year to support the seasonal modeling effort. There are no large changes to SERVM modeling this year, but MISO does anticipate using a new version of SERVM that will be benchmarked against last year's model data. That detail will be included in the final LOLE study report later this year as well. Eric Rodriguez confirmed some specifics from the modeling. Finally, MISO was asked to consider running sensitivities comparing modeling changes made for this year if feasible.

3. LOLE Model Data Summary (Eric Rodriguez)

Eric reviewed LOLE modeling data for the 2024-2025 Planning Year. LOLE modeling input data is preliminary and subject to change based on stakeholder review in the June meeting. Several seasonal LOLE modeling enhancements were implemented in the prior year study, including seasonal outage rates, correlated extreme cold weather outages, hourly wind/solar profiles, and probabilistic distribution of non-firm support. MISO will begin performing the Planning Reserve



Margin (PRM) and Local Reliability Requirement (LRR) analyses in July and will come back to stakeholders with preliminary study results in September.

As Eric walked through the monitored areas in detail, he answered clarifying questions. A correction was noted to slide 11, which should read “0.05 percentage point *increase* - not *decrease*”. There were questions answered about the input sources and capacity summary tables from slides 15 and 16; he answered questions about outage modeling and noted MISO’s openness to considering process improvements going forward. Next, he delved into GADS data, class averages, and a data summary. From the data summary table on slide 18, MISO was asked to repost the table with steam-coal units grouped up for public reporting (the redacted area). A stakeholder noted the need to continue understanding battery assumptions and reporting.

4. CIL CEL Model and Input File Overview (John DiBasilio)

John provided a summary of the 2024-2025 LOLE Capacity Import Limit (CIL)/Capacity Export Limit (CEL) analysis. He provided an overview of the CIL/CEL modeling, study assumptions, and input file summaries. CIL/CEL analysis is being conducted for Summer 2024, Fall 2024, Winter 2024-25, and Spring 2025. 800 MW were added back into the system due to suspensions ending or retirements being delayed to PY 2024-2025 compared to PY 2023-2024. Voltage modeling criteria is in the PSSE model and Voltage deviation criteria is located in the monitor file. There were no questions. The Hickory Creek line is in service for PY2024-2025 and there are additions to LRZs 2, 3, 4 and 5 Area Classifications.

5. New Business

No new business

6. Review Action Items (Amanda Jones)

Action Item	Owner	Date	Status
MISO will post 30-year wind/solar profiles to the Sharefile location and notify the LOLEWG once available	MISO	10/3/2022	Open
Repost Item 03 presentation with corrections	MISO	6/29/2023	Open

7. Adjournment

Meeting adjourned at 2:25 pm ET.

Next Meeting: September 6, 2023