



Large Load Working Group (LLWG)
Conference Call & Webex Only
August 12, 2026
10:00 am to 3:45 pm ET / 9:00 am to 2:45 pm CT
Dial-in and Webex information available at www.misoenergy.org

Minutes

1. Administrative Items (Chris Plante)

a. Call to Order / Roll Call

Meeting called to order at 10:00 am ET.

The Public Meeting Notice and Code of Conduct were issued.

Chair: Chris Plante

Vice Chair: Werner Roth

MISO Liaison: Marc Keyser

Stakeholder Relations: Amanda Jones, Eileen King

Participants:

Aaron Demuth, OTP
Aaron Martin, CMS
Aaron Stemplewicz, Earth Justice
Abby Sherman, ACP
Adam Foltz, ATC
Adam Manty, ATC
Adam Renfandt, NDSG
Addie Stromberg,
Akash Gulati, EDPR
Alan Mok, Duke
Alex Carpenter, MEC
Alex Kloiber, CIPCO
Alexis Jackson, DTE
Allie Koepplinger, MI PSC
Allyse Volpe, Erock
Amanda Wells, Duke
Amber Joyce, MDU
Amber Langemo, MPC
Andrea Weinstein, Entergy
Andrew Berg, MRES
Andrew Kienitz, MN Power
Andy Narvesen, OTP
Anita Collier, ACES
Ankith Takkala, National Grid
Anna Fernandez, Wright &
Talisman
Anna Torgerson, ATC
Anthony A. Alvarez, Iowa OCA
Anton Ptak, EDFR
Antonio Santos, RWE
Arebise Deng, Engie NA
Art Iler, IN OUCC
Austin Baker, WVPA
Aydrik Schuh, MDU
Babatunde Odetayo, CC Renew
Bakhtawar Khan, Gabel

Barton Norfleet, PSC MS
Ben Dayman, MEC
Ben Inskeep, CIACT
Ben Kodres-O'Brien, MN PUC
Ben Stearney, ACES
Bill Booth, MPSC
Bill Turnbull, MEC
Brad Arnold, Ameren
Brad Pope, OMS
Bradley Skok, Entergy
Brent Taylor, MPPA
Bret Hariel, Cooperative Energy
Brian Daschbach, LS Power
Brian Drumm, ITC
Brian Giggee, MDU
Bridget Corwin, MI PSC
Bridget Corwin, MI PSC
Britta Benedict, ATC
Brock Ondayko, AEP
Bryan Rushing, Longview
Carolyn Wetterlin, Xcel
Carrie Milton, Potomac
Economics
Catherine Robbins, NIPSCO
Charlie Barnett, Esvolta
Charlie Robling, IMEA
Chase Lakowske, DPC
Chiranjeevi, Zero Emission Grid
Chris Pazdernik, MN Power
Chris Plante, WEC
Christian Bernardi, Potomac
Economics
Christiana Ivanova, GQS Energy
Christine Ericson, ICC
Ciaran Gallagher, Clean
Wisconsin

Cindy Hammarlund, CES
Colson Williams, Base Electron
Connie Maluweleng, Alliant
Conor McKenzie, AEU
Constance Groh, Liskey PLLC
Cooper Fogle, KY PSC
Corrie Kimes, Entergy
Craig Markham, NuEnergen
Craig VanDevelde, MPPA
Dan Kueker, MidSouth Co-op
Dan McGraw, MLP
Darren Kearney, SD PUC
Dave Lytle, DTE
Dave Stolz, Hoosier Energy
David Boyd, Aesl Consulting
David Forcum, Duke
David Harlan, Veriquet
David Hennen, Ameren
David Johnston, IURC
David Kempf, GRE
David Mindham, EDPR
David Ricketts, Vistra
David Sapper, CGA
David Savage, IURC
David Sebenaler, MPC
David Shaffer, Dentons
David Ticknor, RES Group
David Webb, Entergy
David Zito, Gabel
Dawn Quick, NIPSCO
Denise Martin, GDS
Derek Kou, Sol
Derek Mosolf, GRE
Derek Sunderman, Savion
DeWayne Todd, Alcoa
Diana Vasquez, Deriva Energy



Diane Kearney, Potomac Economics
Donna Oikarinen, ATC
Dustin Pittman, Entergy
Dylan Rubenstein, Ranger Power
Dylan Stockert, MDU
Ed Aze,
Ed Mathews, CMS
Eduardo Gomez, Diverxia
Edward Garvey, Aesl Consulting
Elizabeth Sheldon, Xcel
Emily Piontek, CGA
Eric Dearthmont, MJMEUC
Eric Giddens, IA IUC
Eric Stephens, AMP
Eric Thoms, Invenergy
Erica Miller, Potomac Economics
Erik Hanser, MI PSC
Erin Murphy, NextEra
Ethan Tellier, CIPCO
Faith Willis, Cypress Creek Energy
Fiza Shaikh, New Project Media
Floyd Galvan, Entergy
Forrest Tingo, LSBP
Gabe Kainz, OTP
Gabe Tabak, Verrus Data
George Schwager, Atlantica
Ginger Hodge, CES
Glen Bernstein, Entergy
Grazina Dagyte, Flex Domes
Greg Jekel, Hoosier Energy
Greg Weiss, Ameren
Gurman Kaur, NextEra
Harilal Krishna, Qcells
Heather Palmer, Iowa OCA
Helen Kemp, Splight
Henry Yang, Jupiter Power
Hilary Gold, Entergy
Ibrahima Kalle, Xel Dynamics
Iryna Franko, ACES
Isaiah Gibbs, DTE
J.Niemi, ITC
Jackson Evens, Allete
Jacob Lampi, CIPCO
James Abraham, Morning Sky Power
James Huang, Erock
James McCormick, CMS
James Peters, ITC
Jason Cox, EQ Energy Advisors
Jason Goar, Cooperative Energy
Jason Mazigian, BEPC
Jason Weiers, OTP
Jay Rasmussen, Duke
Jay Sher, Alliant
Jeff Baker, Duke
Jeff Biggerstaff, CenterPoint

Jeff Chilson, CMS
Jeff Fulkerson, Big Rivers
Jeff Gindling, Duke
Jeff Kelley, NIPSCO
Jeff Plew, NextEra
Jeff Wernert, The Prime Group
Jennifer Easler, Iowa OCA
Jenny Liu, Jupiter Power
Jeremi Wofford, Ameren
Jeremy Bennett, Avangrid
Jeremy Jones, Entergy
Jeremy Martin, CenterPoint
Jessica Burdette, Geronimo Power
Jessica Greenberg, Enel
Jill Jones, NMPP
Jill Kringstad, NDSG
Jim Kleitsch, ATC
Jingyu Sullins, Ameren
Jodi Walters, CMPAS
John Liskey, CUB MI
John Mahanna, GRE
John Orr, Constellation
John Parker, Alliant
John Schwegler, Entergy
John Weber, MRES
Jordan Adams, Duke
Jordan Johnson, CenterPoint
Jorge Aguilera, Duke
Josh Grindeland, Zero Emission Grid
Josh Hurst, ITC
Joshua Niemi, ITC
Juan Placid, JJ Power & Energy
Judith Judson, Calibrant Energy
Julia Kim, SP Global
Justin Stewart, AEP
Kara Fidanza, NRG
Kara Smerud, MN Power
Katherine McCulla, Entergy
Kavita Maini, Wisconsin Energy
Keith Ban, Copia Power
Kellen Kinard, Savion
Ken Dell Ofo, Entergy
Ken Kagy, CFU
Ken Stark, Mcnees Law
Kevin Shoemake, Cooperative Energy
Kiley Snyder, CIPCO
Kim Miller,
Kimberley Chong, Microsoft
Kimberly Dunning, CenterPoint
Kristen Parker Long, Entergy
Kristina Grandquist, MEC
Kyle Watson, Entergy
Laine Greenwood, Alliant
Laura Baker, SMXB Law

Laura Chappelle, Chappelle Consulting
Laura Hannah, NRDC
Laura Witzling, PSCW
Lauren Azar, Azar Law LLC
Lee Shaver, UCS
Leslie Hamby, CenterPoint
Lincoln Miller, PSCW
Lise Trudeau, MN PUC
Logan Griggs, GDS
Luke Kinder, AR PSC / APSC
Lupita Schoenemann, Alliant
Madison Ampunan, ITC
Malcolm Ainspan, NRG
Mandy Chandra, Jupiter Power
Marcus Hawkins, PSCW
Margaret Miller, Engie NA
Mary Wierzbicki, Ameren
Maryclaire Peterson, Entergy
Matt Binette, Wright & Talisman
Matt Waldron, ATC
Matthew Wofie, OTP
Maxx Snell, MDU
Mayank Arvind Pathak, Esource
Megan Allen, Ameren
Meghan Leahy, Advanced Power
Meghan Ross, ITC
Melissa Foreman, Entergy
Menyae Christopher, AES
Michael Fischette, LBWL
Michael Fleck, ITC
Michael L. Dantzler, Ranger Power
Michael Marz, ATC
Michael Saer, GRE
Michael Samson, DTE
Michael Steiman, MB HYDRO
Michael T Carrigan, ICC
Michael Wander, Potomac Economics
Michaela Flagg, TEA
Michelle Bloodworth, Americas Power
Michelle Lynch, Hoosier Energy
Mike Samson, DTE
Mike Witkowski, DTE
Mikhaila Calice, PSCW
Mitchell Myhre, Alliant
Molly Lundberg, MN8 Energy
Myles Fish, New Leaf Energy
Natalie Cotton-Nessler, CES
Natalie Craig, AR PSC / APSC
Nate Knopf, Hoosier Energy
Nathan Williams, Ameren
Nicholas Simon, MGE
Nick Long, WPPI
Nick Schroeder, MGE
Nick Ware, ITC



Nicole Luckey, Invenergy
 Olumide Aluko, Entergy
 Orijit Ghoshal, Tract
 Patrick Ibbotson, WSP
 Patrick Welzien, Entergy
 Peg Abbadini, UPPCO
 Pete Pelowski, MRO
 Phil Briggs, Duke
 Presley Reed,
 Preston Hart, OTP
 R. Pratt, DTE
 Raluca Lascu, DTE
 Randy Johanning, ATC
 Rao Konidena, Voltus
 Rebecca Darrah, AES
 Rhett Edward Trease, Duke
 Rhonda Peters, Inter Tran
 Ricardo Gomez, OXY
 Rishabh Gupta, Enverus
 Rob Wells, ITC
 Rober Vosberg, LPSC Staff
 Robert Frank, NDSG
 Robert Krueger, ATC
 Robert Tidd, LBWL
 Rory Jones, Acciona
 Ruth Pallapati, MN Power
 Ryan Hardin, Entergy
 Ryan Lovan, IA IUC
 Ryan Lowe, MB HYDRO
 Ryan Snyder, CenterPoint
 Ryan Yeoman, MI PSC
 Rylan Hanson, OTP
 Sam Wendt, MEC
 Samantha Schall, AES
 Sameer Doshi, Earth Justice
 Samson Mabry, Entergy
 Sarah Horner, MPC
 Sarah Martz, IA IUC

Sarah Murphy, Daymark EA
 Sawyer McClure, WPSCI
 Scott Bents, Iowa OCA
 Scott Deffenderfer, Ameren
 Scott Jones, IN OUCC
 Scott Mallory, ABATE, CMTc,
 IBEC, IIEC, LEUG, NLCC, TIEC
 Sean Shafer, Voltus
 Sebastian Smater, Strom Power
 Shabir Ahmad Wani, Esource
 Shae Reinberg, LDES Council
 Shailabh Mazari, CC Renew
 Shivam Sharma, Alliant
 Sid Nashurdeen, Paces
 Soma Soko, New Leaf Energy
 Srijan Karim, MEC
 Stacie Hebert, Hebert Consulting
 Stephanie Neitzel, ATC
 Stephanie Schmidt, ATC
 Stephen Lindeman, Google
 Stephen Rose, MN PUC
 Steven Leovy, WPPI
 Sunny Jansen, MEC
 Susan Rossi, Xcel
 Sylvia Bartell, Hush Blackwell
 Tarek Khaja, CenterPoint
 Taylor Carpenter, Calfee
 Taylor Costes, IMPA
 Taylor Garvey, Entergy
 Temujin Roach, EDFR
 Terri Rivera, Entergy
 Terry Volkmann, CFU/HU
 Tia Elliott, Pelican Power
 Tim Beddow, OTP
 Tim Tessier, Iowa OCA
 TJ Cochran, Ameren
 Todd Komplin, WPPI
 Tom Butz, MN Power

Tom Chamberlain, Entergy
 Tom Dostal, MPC
 Tom McDonough, Xcel
 Tom Siegrist, SMXB Law
 Travis Stewart, Gabel
 Trey Mayeux, Cleco
 Tricia DeBleekere, OMS
 Tristin Rojeck, DTE
 Tyler Bergman, CGA
 Tyler Berton, GDS
 Tyler Tworek, DTE
 Tzu-Yuan Su, DPC
 Vaibhav Bilagi, RWE
 Valy Goepfrich, WPPI
 Venona Greaff, OXY
 Victoria Pierson, ACES
 Vince Vandaveer, Ameren
 Walt Cecil, PSC MO
 Wendy Anderson, MN Power
 Wendy Reed, Wright & Talisman
 Werner Roth, TX PUC
 Will Koebel, PSCW
 Will McGowan, Urban Grid
 William Buchanan, NextEra
 William Homza, Base Power Co
 Yarrow Etheredge, Ether-Edge
 Yewulwew Atnafu, GRE
 Yi Li, ATC
 Zach Erickson, MN Power
 Zach Fjestad, OTP
 Zach Kirsch, MN Power
 Zach Starkey, CenterPoint
 Zach Van Ness, Matrix
 Renewables
 Zachary Callen, ICC
 Zachary Self, Viridon

b. Review Agenda

Agenda accepted as posted.

c. Review Meeting Minutes / Action Items

Minutes for the July 16 meeting were accepted as posted.

Adoption of the minutes for the July 27 meeting was deferred to the August 27 meeting.

Action items from the previous meetings are closed.

Action Item	Owner	Date	Status
Feedback requests will be opened for - Generation and Load Alignment (LLWG-2026-6) – feedback due July 30 (via feedback tool, not a feedback form) - Non-Firm Large Load (LLWG-2026-5) – feedback due July 31 - Alliant Large Load Non-Firm Transmission Service (BITS) Proposal – feedback due August 7	MISO	7/16/2026	Closed



• Large Load Firm Service Step Up (LLWG-2026-1) – feedback due July 30 • Large Load BPM Framework – feedback due July 28			
Update liaison report slide 6 preliminary filing timeline	MISO	7/16/2026	Closed

d. Review Management Plan

Updates to the management plan were posted in redline. There were no questions.

2. MISO Post Only ➡ (Marc Keyser)

a. FERC Status Report

A written status report was provided with meeting materials. There were no questions.

3. Liaison Report (Marc Keyser)

Highlights of the written status report were provided, including:

- Status update on Large Load effort
 - Covered MISO objectives, meeting recap/focus, feedback summary,
- Announcements and Workshops
 - Market Reports Retirement- September 30, 2026
 - MISO SUGAR Rush Working Session - August 25, 2026
 - Planning Resource Auction (PRA) Instructional Seminar – September 14, 2026
 - 2027 Annual ARR Registration Workshop – September 22, 2026

MISO discussed the ongoing efforts it is making toward filing ZGIA Tariff language, which will be submitted on Monday, August 17, and noted a couple of key updates to the language: 1) number of days allocated in certain areas of interconnection studies and review between MISO and Interconnection Customers; 2) whether to require market registration for all ZGIA resources. Language will be posted on August 12, 2026, for additional stakeholder review.

A stakeholder inquired if the definition of Large Load would be in the ZGIA Filing. MISO responded that it would be filed with the Large Load Interconnection Reliability Requirements filing.

4. Abeyance Request Review (DL Oates)

MISO provided a high-level review of the Abeyance Request amid accelerating and substantial large load growth, and the collaboration between MISO and stakeholders to address emerging challenges and opportunities. MISO's vision was shared with three core objectives: enabling rapid and reliable integration of large loads, ensuring flexible and transparent transitions, and maintaining long-term reliability. The LLWG workplan aligns with FERC's show cause order, though an abeyance motion was submitted to allow more time for additional requirements. Key solution elements include expedited project reviews, co-location options, phased service upgrades, and enhanced operational requirements. MISO acknowledged the urgency with which the workplan needs to be executed, with milestone-based filings and proposals scheduled through 2027 to address the application processes, cost transparency, and service options for large loads. Stakeholders were thanked for their continued engagement and feedback.

Stakeholders asked numerous clarifying questions about the timeline for the filing and implementation as well as the scope for the cost transparency discussion. MISO talked about potential outcomes and the roles of OMS, TOs, and stakeholders broadly.

5. Interconnection Reliability Requirements (LLWG-2026-3) (Beibei Li)

Share Tariff update and report out on informal stakeholder comments



MISO reviewed progress on the Large Load Interconnection Reliability Requirements Tariff, which is being finalized for filing in alignment with FERC's show-cause order, emerging NERC guidance, and industry practices. Stakeholder feedback has played a significant role in shaping the revised Tariff language, especially regarding applicability, transition provisions, and requirement specifics. MISO has addressed key stakeholder concerns, including clarifying the Large Load definition, refining transition provisions to minimize disruption for late-stage projects, and ensuring full operational visibility into grandfathered loads to manage reliability risks.

The updated tariff also incorporates clearer triggers and due-process expectations for enforcement actions, replaces punitive measures with structured, transparent processes, and maintains adaptability to evolving national standards. MISO has responded to requests for flexibility in contractual arrangements and will further address transmission service issues in upcoming filings. The next steps include filing the tariff before the end of August and continuing BPM development, with ongoing opportunities for stakeholder input and feedback.

Stakeholders again asked numerous clarifying questions about the requirements, definition of large load, ESRs, grandfathered load, transitional provisions, phased loads, and the "notwithstanding" clause.

6. Conditional Non-Firm Transmission Service (LLWG-2026-5)^ (Joshua Schabla)

Introduce MISO initial proposal

MISO reviewed its proposed Flexible Large-load Interconnection and Transmission Service (FLITS) framework, which offers both interim and permanent non-firm transmission service options exclusively for large loads, and encouraged robust stakeholder feedback. FLITS can be combined with firm Network Integration Transmission Service (NITS) and is designed to enable rapid, reliable integration of large loads while maintaining system flexibility and transparency. Key points include the potential for mandatory curtailment obligations for FLITS loads, exclusion from Demand Response Resource participation, and ongoing evaluation of resource adequacy treatment. MISO made it clear that each of the design points in the presentation are presented for feedback, and MISO does not have a proposed design at this time. Stakeholder feedback was requested by August 19, particularly regarding resource adequacy participation and operational impacts from slide 10. Next steps involve gathering feedback, developing and refining a proposal, coordinating with Transmission Owners on rates, and presenting an updated FLITS proposal at the September LLWG meeting.

MISO staff answered many questions throughout the presentation. There was discussion of "firm" and "non-firm" in the constructs of Transmission Service vs. Resource Adequacy, Interim and Permanent Transmission Service, and how the stakeholder "BITS" proposal from Alliant fits into the framework. MISO answered questions about congestion cost management, ramp limits, FTR/ARR, and how the market provides incentives for generation or transmission. Stakeholders continued to be encouraged to submit as much feedback as possible for consideration.

7. New Business

A stakeholder requested time on the agenda for Energy Futures Group to share their LL proposal. This is under review with the leadership team.

MISO was asked about its intention to submit an issue on cost transparency and partnership with OMS.

8. Review Action Items

Action Item	Owner	Date	Status
Approval of July 27 meeting minutes will be placed on the agenda for the August 27 meeting	LLWG Leadership	8/12/2026	Closed
Feedback requests will be opened for	MISO	8/12/2026	Closed



• Conditional Non-Firm Transmission Service (FLITS) proposal by Aug 19			
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9. Adjournment

Meeting adjourned at 2:35 pm ET.

Next Meeting: August 27, 2026