



ROWG-Closed Management Plan
Last Update: 2/1/2022

Entity: Reliable Operations Working Group – Closed (ROWG-CLOSED)

Reports to: Reliability Subcommittee (RSC)

Officers:

Todd Sarkinen, Chair

Ray McCausland, Vice Chair

Tony Rowan, MISO Liaison

Mandi McGirr, Stakeholder Relations

Rationale for Existence: The Reliable Operations Working Group - Closed (ROWG-CLOSED) shall provide a forum to promote the reliability of the Bulk Electric System (BES) and to develop, review and recommend operational planning practices including but not limited to Available Flowgate Capacity, operating studies, outage coordination, operating guides and operating procedures. Develop and recommend stakeholder issue statements for RSC consideration. This goal is supported by the evaluation and review of significant reliability related events and operational planning practices.

How many meetings were held in 2021? 9

What was the average number of total participants in 2021? 60

Recurring Tasks	Annual Administrative Tasks	Status Reports from Subordinate Entities
<ul style="list-style-type: none"> • New issues assigned by Steering Committee/RSC ➡ MISO Dashboard • Review Reliability Related Incidents and Events ➡ Transmission Outage Data/FTR Funding Report ➡ AFC Closed Reports • Review and recommend operational planning practice changes as needed for market operations and reliability requirements. <ul style="list-style-type: none"> ○ Develop & Track status of current issues list ○ Operations Studies ○ Review and make Recommendations to the Reliability Subcommittee. • Develop and revise procedures for issuing Operating Guides to maintain 	<ul style="list-style-type: none"> • Annual charter and management plan review and approval (Q1) • 2023 Meeting Calendar (October) • Leadership nominations (Q4) • Leadership elections (Q4) • 	<ul style="list-style-type: none"> ➡ NERC FAC-011 Std Change Impacts – SOL Limits Task Team (SOLTT) ➡ Operational Planning Studies User Group (OPSUG) ➡ Remedial Action Scheme User Group (RASUG) ➡ Reconfiguration for Congestion Cost Task Team (RCCTT)

√ Potential Voting Item

^ Feedback Requested

* Verbal Report

➡ Informational / Post Only



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<p>consistency with NERC/Regional Reliability Organization reliability standards and MISO agreements.</p> <ul style="list-style-type: none"> • Undertake any other special projects or needs as assigned by the RSC • Yearly review of operating protocols • Gas/Electric Coordination • TOP Efforts • Operational Event Review(s) • 		
<p>Q1 2022</p> <ul style="list-style-type: none"> • 	<p>February 11</p> <ul style="list-style-type: none"> • Administrative documents annual review and approval (ROWG-Closed)✓ • Review of Upcoming Standards for the Year – Liaison Report • GridEx VI Lessons Learned • Resilient Operations Whitepaper (RSC002) • Enforcing Generation Stability Limits in MISO Forward and Real-Time Processes ➡ 2021 First Contingency Transfer Study • Time Error Monitor and Geomagnetic Disturbance (GMD) Monitor – Liaison Report • Application of Forecasted and Real-time Ambient Adjusted Ratings (RSC-2018-54A) • Emergency Line Rating Use and Methodologies (RSC-2021-54B) • Hurricane Drill – Liaison Report • CIP-012: ICCP WAN Router Upgrade Update – Liaison Report ➡ FTR and Transmission Outage Data Request 	
<p>Q2 2022</p> <ul style="list-style-type: none"> • BPM-008 Annual Update • Application of Forecasted and Real-time Ambient Adjusted Ratings (RSC-2018-54A) 	<p>May 5</p> <ul style="list-style-type: none"> • Preparation for 2021 Summer Readiness Workshop • Pre-positioning of extreme weather events - ROWG & RSC Leadership to review next best steps • Parallel Flow Visualization (PFV) ➡ Review of CBM/TRM Study • 	

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<ul style="list-style-type: none"> • Emergency Line Rating Use and Methodologies (RSC-2021-54B) • 	<p>June 8</p> <ul style="list-style-type: none"> • Review of Summer Readiness Plans • Power System Restoration Drill •
<p>Q3 2022</p> <ul style="list-style-type: none"> • Application of Forecasted and Real-time Ambient Adjusted Ratings (RSC-2018-54A) • Emergency Line Rating Use and Methodologies (RSC-2021-54B) • • 	<p>August 19</p> <ul style="list-style-type: none"> • Preparation for Winter Readiness Workshop • Annual Pirule/Cirule Review • Annual Review of AFC Generation Dispatch Files • •
<p>Q4 2022</p> <ul style="list-style-type: none"> • FERC Quarterly Update • Application of Forecasted and Real-time Ambient Adjusted Ratings (RSC-2018-54A) • Emergency Line Rating Use and Methodologies (RSC-2021-54B) • • 	<p>October 6</p> <ul style="list-style-type: none"> • Leadership Nominations • 2023 Meeting Calendar <hr/> <p>November 17</p> <ul style="list-style-type: none"> • Leadership Election and Announcements√ •



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Q1 2023 <ul style="list-style-type: none">• Administrative documents annual review and approval√•	
Q2 2023 <ul style="list-style-type: none">•	

Detailed Project Plan
Gantt Chart... Coming Soon

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