

Meeting Agenda

Q1 Organizational Group Oversight Committee Meeting

March 6, 2024

1:00 p.m. to 3:30 p.m. Central Time

Hybrid Meeting

MRO Offices, St. Paul, MN, and Webex



**MIDWEST
RELIABILITY
ORGANIZATION**

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AGENDA

Agenda Item	Time
1. <u>Call to Order, Determination of Quorum</u> <i>JoAnn Thompson, OGOC Chair</i>	1:00 p.m.
2. <u>Standards of Conduct and Antitrust Guidelines</u> <i>Julie Peterson, Vice President General Counsel and Corporate Secretary</i>	---
3. <u>Consent Agenda</u> <i>Julie Peterson, Vice President General Counsel and Corporate Secretary</i>	---
4. <u>Reliability Advisory Council Report</u> <i>Bryan Clark, Director of Reliability Analysis and RAC Liaison</i>	1:35 p.m.
5. <u>Compliance Monitoring and Enforcement Program Advisory Council Report</u> <i>Mark Flanary, Director of Risk Assessment and Mitigation and CMEPAC Liaison</i>	1:05 p.m.
6. <u>Security Advisory Council Report</u> <i>Steen Fjalstad, Director of Security and SAC Liaison</i>	1:20 p.m.
7. <u>Review of 2023 Q4 Annual Risk Meeting with Advisory Councils</u> <i>JoAnn Thompson, OGOC Chair</i> <i>Richard Burt, Senior Vice President and Chief Operating Officer</i>	1:50 p.m.
8. <u>Quarterly Report on NERC Organizational Groups (Written Report)</u> <i>Richard Burt, Senior Vice President and Chief Operating Officer</i>	---
9. <u>Organizational Group Membership Openings (Written Report)</u> <i>Carolina Margaria, Assistant Corporate Secretary and Governance Administrator</i>	---
BREAK	2:05 p.m.
Executive Session	
10. <u>Risk Roundtable: Company Use of AI and Large Language Models</u> <i>JoAnn Thompson, OGOC Chair</i> <i>Farid Shallal, Senior Cybersecurity Specialist</i>	2:20 p.m.
11. <u>Other Business and Adjourn</u> <i>JoAnn Thompson, OGOC Chair</i>	3:30 p.m.

The agenda was updated on 3/1/2024, after original posting: Agenda item 6: RAC Report was moved up in the agenda ahead of Agenda 4: CMEPAC Report due to a conflict. The reports have been renumbered as appropriate.

Call to Order and Determination of Quorum
JoAnn Thompson, OGOC Chair

The Organizational Group Oversight Committee is composed of eleven MRO Board of Director members. The most recent committee roster is located on the [MRO website](#).

MRO Board Guiding Principles

Pursuant to [Policy and Procedure 1](#), the MRO Board of Directors is guided by the following principles for highly effective and reliable board members.

Board members shall:

- Support the MRO mission and its values and understand the role of the board.
- Exercise their fiduciary duty of care by preparing for, attending, and participating in board and assigned committee meetings. Absent compelling and stated reasons, directors should be present at meetings.
- Exercise objective decision-making and avoid participation in board issues that are self-serving or may be perceived as a conflict of interest.
- Read the materials before board meetings and come prepared with questions.
- Advocate why MRO is important and why it needs our support.
- Take leadership roles by chairing a committee and knowing what the committee's responsibilities are, and take the initiative, as necessary.
- Respect the different roles of staff and the board.
- Collaborate and cooperate with other board members.

Standards of Conduct and Antitrust Guidelines
Julie Peterson, Vice President General Counsel and Corporate Secretary

Standards of Conduct Reminder:

Standards of Conduct prohibit MRO staff, committee, subcommittee, and task force members from sharing non-public transmission sensitive information with anyone who is either an affiliate merchant or could be a conduit of information to an affiliate merchant.

Antitrust Reminder:

Participants in Midwest Reliability Organization meeting activities must refrain from the following when acting in their capacity as participants in Midwest Reliability Organization activities (i.e., meetings, conference calls, and informal discussions):

- Discussions involving pricing information; and
- Discussions of a participants marketing strategies; and
- Discussions regarding how customers and geographical areas are to be divided among competitors; and
- Discussions concerning the exclusion of competitors from markets; and
- Discussions concerning boycotting or group refusals to deal with competitors, vendors, or suppliers.

Consent Agenda

Julie Peterson, Vice President General Counsel and Corporate Secretary

Action

Review and approve the consent agenda.

Report

The draft minutes for the December 13, 2023, OGOC meetings are available for review, [here](#). Please provide any comments or edits to carolina.margaria@mro.net.

Reliability Advisory Council Report
Bryan Clark, Director of Reliability Analysis

Action

Review and approve the proposed RAC 2024 Work Plan.

Review and approve the RAC recommended nominations of four new RAC members.

Report

The MRO Reliability Advisory Council (RAC) met for its first quarter meeting on February 22, 2024. The full meeting agenda packet can be found on MRO's public website.

Areas of Focus

- 2024 Work Plan reviewed with various action items updated accordingly.
 - The RAC is focusing on these risks identified in the 2024 Regional Risk Assessment: Uncertain Energy Availability, Generation Unavailability During Extreme Cold Weather, Inadequate IBR and DER Modeling and Performance, Loss of Essential Reliability Services.
- Planning and preparing for the 2024 MRO Reliability Conference scheduled for May 15, 2024
- Interregional Transfer Capability Study (ITCS)

Accomplishments

- [Long-Term Reliability Assessment \(LTRA\) Webinar](#) was held on January 25, 2024. There were 200 total attendees.
- The RAC elected Gayle Nansel, Western Area Power Administration, Chair for 2024 and Bryn Wilson, Oklahoma Gas & Electric, Vice Chair for 2024.
- Published a newsletter article on February 22, 2024.
 - [Understanding the Requirements of FERC Order 881](#)
- Republished three newsletter articles in Midwest Reliability Matters on January 25, 2024. The articles on *Managing Periods of Bulk Power Instability* were written by RAC members, C.J. Brown, Southwest Power Pool, Dick Pursley, Great River Energy, and John Stephens, City Utilities of Springfield:
 - [Managing Periods of BPS Instability \(Part 1\): Why Manual Load Shedding is Sometimes Necessary](#)
 - [Managing Periods of BPS Instability \(Part 2\): How Manual Load Shedding is Executed](#)
 - [Managing Periods of BPS Instability \(Part 3\): When Manual Load Shedding is Necessary](#)

Challenges

- Increased Inverter-Based Resources (IBR) across the grid and their impacts to system protection, such as modeling and injection characteristics during fault conditions.
- Energy reliability with the changing resource mix.
- Implementation of FERC Order 881 (Ambient Adjusted Ratings).

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- Generation unavailability during extreme cold weather.

The RAC has included its 2024 Work Plan for OGOC review and approval.

Nominations for the RAC

MRO staff received a total of four nominations for four open seats on the RAC. All nominees have overall system operations experience.

Details regarding all nominees are available for reference.

After reviewing each nominee's experience and expertise, the RAC also considered sector balance and geographic diversity of the candidate pool. The RAC recommends OGOC approval of the following nominees for the seats and associated term ends as outlined in *Table 1: RAC Membership Nominees & Recommendations*. Approval of these nominees will result in a full RAC roster for 2024 as shown in *Table 2: 2024 Proposed RAC Roster*.

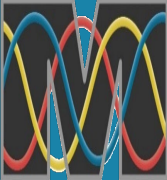
Table 1: RAC Nominees & Recommendations

Name	Company	Sector	Term End
John Harmon	MISO	TSO	12/31/2026
Evan Wilcox	American Electric Power	IOU	12/31/2026
Eric Barry	Xcel Energy	IOU	12/31/2026
Natasha Brown	Oklahoma Municipal Power Authority	MU	12/31/2024

Table 2: 2024 Proposed RAC Roster

Member	Company	Sector	Term End
Andrew Witmeier	MISO	TSO	12/31/2024
Binod Shrestha	Saskatchewan Power Corporation	CU	12/31/2025
Bryn Wilson	Oklahoma Gas and Electric	IOU	12/31/2026
CJ Brown	Southwest Power Pool	TSO	12/31/2024
Dallas Rowley	Oklahoma Gas and Electric	IOU	12/31/2025
Dick Pursley	Great River Energy	COOP	12/31/2025
Eric Barry	Xcel Energy	IOU	12/31/2026
Evan Wilcox	American Electric Power	IOU	12/31/2026
Gayle Nansel	Western Area Power Administration	FPMA	12/31/2025
Jason Weiers	Otter Tail Power Company	IOU	12/31/2024
Jeremy Severson	Basin Electric Power Cooperative	COOP	12/31/2024
John Harmon	MISO	TSO	12/31/2026
Mark Eastwood	City Utilities of Springfield, MO	MU	12/31/2026
Nandaka Jayasekara	Manitoba Hydro	CU	12/31/2025
Natasha Brown	Oklahoma Municipal Power Authority	MU	12/31/2024

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<div><h1>MRO RAC 2024 Work Plan</h1></div>									
Column	Work Item	Source	Activity	Timing	Responsible Party	Item Audience	Item Type	Status	Notes
1	Support outreach and awareness	RAC Charter/MRO Strategic Priority 3	Conduct a minimum of 2 webinars/outreach in 2024 to address the high risks identified in the Regional Risk Assessment. This includes the Annual Reliability Conference, webinars, lessons learned, newsletter articles, and supporting Standard Application Guides.	Periodically	RAC Members	OGOC	Work Plan	Open	The 2024 Reliability Conference is scheduled for May 15, 2024 in St. Paul, MN at the MRO office. A planning subgroup of RAC members will be formed to develop topics and speakers. To the extent possible, the Reliability Conference topics will address the top RRA risks. The council will also be holding their annual Cold Weather Preparedness Workshop in Q4 and a Long-Term Reliability Assessment Webinar in January of 2024.
2	Conduct Reliability Standard Reviews	RAC Charter/MRO Strategic Priority 3	Regular interface with other councils (CMEPAC and SAC) as it relates to standard development or standard application guidance. Work to identify NERC Standards projects to follow that are Operational and Planning focused.	Periodically	RAC Members	OGOC	Work Plan	Open	The RAC will continue to attend NSRF meetings periodically in 2024 with an assigned member as well as look at opportunities to provide guidance for standards relevant to operations and planning. In Q4 of 2024 MRO is planning to host a joint collaboration meeting similar to the previous year where the RAC, CMEPAC and SAC will all meet together.
3	Review significant events or disturbances on the BES	RAC Charter/MRO Strategic Priority 3	Review of significant BES events and any resulting reports within the MRO Region and outside the region as relevant.	Periodically	RAC Members	OGOC	Work Plan	Open	The RAC will review any significant events or disturbances (preferably a category 2 or above defined in the ERO Event Analysis Process Document) with a focus on the MRO region from a specific entity at quarterly meetings as necessary.
4	Support the development of the MRO Regional Risk Assessment	RAC Charter/MRO Strategic Priority 3	Support the development of the annual MRO Regional Risk Assessment by identifying risks, trends and mitigating activities. Use the Risk Matrix tool to assess, quantify, and prioritize reliability risks. This also includes continuous improvement efforts regarding the Reliability Risk Matrix tool.	Periodically	RAC Members	OGOC	Work Plan	Open	MRO Staff and MRO RAC Members will discuss and prioritize potential regional risks annually to support the development of the MRO RRA. The RAC will also provide two resources to support MRO staff in ranking risks for the 2025 RRA utilizing the Reliability Risk Matrix.
5	Support Regional representation on NERC organizational groups	RAC Charter	Review NERC Representative reports and provide guidance and feedback to the representatives. The RAC will continue to evaluate the need to follow specific NERC groups with representatives as the RSTC makes changes to the working group structure.	Periodically	RAC Members	OGOC	Work Plan	Open	MRO Staff and MRO RAC Members will look into any new working groups formed as well as existing working groups to determine the need to follow them. In 2024 the RAC will revisit the small teams initiative that was established to focus on each of the five NERC groups and help promote engagement with the NERC Representative to potentially create more outreach opportunities.
6	Review the summary of misoperations across the MRO Region (prepared by MRO staff)	PRS Charter	The Protective Relay Subgroup (PRS) will review misoperations across the region to ensure that misoperations are effectively identified and mitigated.	Periodically	PRS Members	OGOC	Work Plan	Open	The PRS will look into potential lessons learned and targeted outreach for any misoperations. The group will also focus on regional misoperations during the quarterly meetings in a closed session where members perform an in-depth analysis in small breakout groups.
7	Support the Interregional Transfer Capability Study (ITCS)	RAC Charter	Interregional Transfer Capability Study Outreach, review as needed.	Periodically	MRO Staff	OGOC	Work Plan	Open	This study is a directive from the Fiscal Responsibility Act of 2023 and must be filed with FERC by December 2, 2024. The RAC should receive quarterly updates on this initiative and look for opportunities to provide input to the study as subject matter experts of the MRO region.
The items above this row are seeking/have been granted OGOC approval. The items below this row are example ideas on how the advisory council could implement any approved work plan items.									

Compliance Monitoring and Enforcement Program Advisory Council Report
Mark Flanary, Director of Risk Assessment and Mitigation and CMEPAC Liaison

Actions

Review and approve the proposed CMEPAC's 2024 work plan.

Report

The Compliance Monitoring and Enforcement Program Advisory Council (CMEPAC) met for its first quarter meeting on February 20, 2024. The full meeting agenda can be found on MRO's public website [here](#).

Areas of Focus

- 2024 Work Plan
 - The CMEP Advisory Council (CMEPAC) is focused on identifying gaps in, or absence of, standards addressing the top risks identified in the 2024 Regional Risk Assessment (RRA). The CMEPAC will leverage outreach tools to provide guidance for these risks should an opportunity arise.
 - The CMEPAC will continue these efforts to support the 2025 RRA.
 - Planning for the 2024 MRO CMEP Conference, scheduled for July 24, 2024, in Kansas City has commenced. A small team of CMEPAC members will meet regularly with MRO's Outreach Department, the CMEPAC liaisons, and support staff to develop the agenda and select speakers.
- The CMEP calls no longer occur monthly but instead are held on the second Tuesday of each month which does not also contain a quarterly CMEPAC meeting.
- Requirement Specific RFI Project
 - The teams consisting of volunteer CMEPAC members, MRO staff (RAM), and entity volunteers continues its efforts on developing Requirement Specific RFIs for CIP-007 R2 security patching and FAC-008 R6 facility ratings. Initial drafts of the documents are progressing and planned to be available for stakeholder review in Q2. Stakeholder input will be requested from the CMEPAC and MRO. Additionally, we will request review and feedback from the RAC and the SAC as a unique opportunity to collaborate between the Councils.
- The NERC Standards Review Forum (NSRF) continues to focus on reviewing, developing recommendations, and providing feedback on new/revised NERC Reliability Standards based on the 24 open NERC Projects; eleven are considered high priority with a completion timeline of end of year 2024.

Accomplishments

- The CMEPAC elected Terri Pyle, Oklahoma Gas and Electric, Chair, and Tiffany Lake, Evergy, Vice Chair for 2024.
- The January CMEPAC hosted call provided information and a Q&A on the 2024 Self Certification Schedule, an OGOC Q4 meeting recap, and a preview of the draft 2024 CMEPAC Work Plan. The call included 74 participants from industry.
- The CMEPAC hosted a Compliance Management Tools Webinar on Wednesday, February 28, 2024.
- During the Q1 CMEPAC meeting, input on Conference and Outreach topics was gathered from the audience and will be utilized in planning the CMEP Conference.

- The NSRF elected Dane Rogers, Oklahoma Gas and Electric, Chair and Bobbi Welch, Midcontinent Independent System Operator, Vice Chair.
- NSRF has held five (5) meetings this year with an average attendance of 93. They reviewed nine (9) NERC Standard Projects (including SARs and NOPRs) and submitted comments to NERC on three (3) of those projects and made nine (9) ballot recommendations.

Challenges

- Identify valuable outreach opportunities on topics that are of interest and value to industry. Consider additional opportunities and mechanisms to receive feedback; (i.e., during monthly calls via Slido) to supplement the feedback received from the Annual Stakeholder Survey and the CMEP Conference. Feedback is typically around 8%.
- Identify gaps in standards related to risks and develop outreach and guidance regarding those risks.
- Collaborate between the advisory councils to develop projects and outreach where topics overlap.
- NSRF voting membership continues to have open seats.

The CMEPAC has included its 2024 Work Plan for OGOC review and approval.



MRO CMEPAC 2024 Draft Work Plan

Item	Work Item	Source	Activity	Timing	Responsible Party	Notes
1	Standard Review	NSRF Charter; MRO Strategic Priority 3 - Objective 3	NSRF should review NERC Standards Development projects and develop comments and voting recommendations.	Periodically	NSRF	
2	Risk	MRO Strategic Priority 3 - Objective 1	Identify potential gaps in standards that do not comprehensively address risk to the BES with a priority on risks that have been identified as part of the MRO RRA.	Periodically	CMEPAC Members	
3	MRO's Regional Risk Assessment	MRO Strategic Goal	Increase engagement and participation in the MRO Regional Risk Assessment process.	Annually	CMEPAC Members	
4	Collaboration with industry working groups and forums	MRO Strategic Priority 1 - Objective 3; MRO Strategic Priority 3, Objectives 3 and 6	Monitor other industry working groups i.e. SC, CCC, RSTC, and MCCF (and applicable sub-committees) regarding projects/initiatives and issues/risks the groups are seeing ERO wide and in the MRO footprint. Seek opportunities to add value to ongoing efforts or identify duplicative activities that could be eliminated.	Periodically	CMEPAC Members	
5	Entity Outreach	Charter; ERO/MRO defined Risks; Standard Application Guides; potential non-compliance RFIs	Conduct outreach and awareness to promote compliance. Consider noncompliance and emerging risk data provided by MRO staff to determine if there are opportunities for additional outreach and awareness.	Periodically	CMEPAC Members	
6	Self-Certification worksheet review	MRO Priority 2 - Objective 4; 2023 CCC Work Plan - Program Support Efforts: Chapter 2 Project2.	CMEPAC to review and provide feedback on MRO's self-certification worksheets prior to issuance to registered entities. MRO Staff to communicate back to CMEPAC the changes made to the worksheets prior to issuance.	Periodically	CMEPAC Members	
7	Alignment of MRO and Registered Entity Expectations	MRO Priority 3 - Objective 3 and 6; 2023 CCC Work Plan - Program Support Efforts: Chapter 2, Program 2.	Provide advice and counsel to MRO's Board of Directors, staff, members and registered entities on topics like the development, retirement, and application of NERC Reliability Standards, RRA, compliance monitoring, and the enforcement of applicable standards.	Periodically	CMEPAC Members	
8	Annual Survey	CMEPAC Charter; feedback from Entities	Conduct annual survey of members to obtain feedback and ensure value add opportunities are being delivered to members.	Annually	CMEPAC Members	

The items above this row are seeking/have been granted OGOC approval. The items below this row are example ideas on how the advisory council could implement any approved work plan items.

Security Advisory Council Report
Steen Fjalstad, Director of Security

Action

Review and approve the proposed Security Advisory Council (SAC) 2024 Work Plan.

Report

The Security Advisory Council (SAC) last met on February 21, 2024. All SAC meeting agendas and minutes are located here.

Areas of Focus

- 2024 Work Plan
 - The Security Advisory Council (SAC) and SAC Threat Forum (SACTF) are focusing on the top risks identified in the 2024 Regional Risk Assessment. The three highest security risks are supply chain compromise, malicious insider threat, and physical attack.
- Planning and preparing for the 2024 MRO Security Conference scheduled for October 1-2, 2024.
- GridSecCon will be hosted in the MRO region in 2024; MRO staff and SAC members are working with MRO's Outreach staff and NERC regarding support needs.
- The MRO SACTF will continue supporting the weekly Threat Call and establish approaches to enhance the exchange, discussion, and collaboration on threat information.
 - The SACTF is considering whether to hold periodic specialized threat calls with partners such as relevant agencies (e.g., the FBI).
 - The SACTF is working on charter and guideline changes to allow greater operational flexibility.

Accomplishments

- The SAC elected Ian Anderson, Oklahoma Gas & Electric, Chair for 2024.
- Between October 1, 2023, and January 31, 2024, the SACTF hosted 17 threat calls, attended by an average of 76 people from an average of 37 distinct organizations. During January 2024, average attendance increased to 88 attendees from an average of 40 distinct organizations.
- The MRO Critical Infrastructure Security department held a webinar on Defending Against Ransomware on February 29, 2024.

Challenges

- Recognize the role of security in the wider issue of grid reliability. For example, opportunities may exist to identify potential security risks and mitigations associated with the region's first extreme risk.
- Maintain operational flexibility due to changing threat landscape.
- Maintain awareness of geo-political events and implications for US critical infrastructure.

The SAC has included its 2024 Work Plan for OGOC review and approval.



MRO SAC 2024 Draft Work Plan

Item	Work Item	Source	Activity	Timing	Responsible Party	Notes
1	Newsletter Articles	Charter	Draft Newsletter Articles for publication in Midwest Reliability Matters	Periodically	SAC Members	MRO SAC will author at least 2 articles in 2024.
2	Webinars	Charter	Host Webinars for registered entities to increase security and decrease risk to the reliable and secure operations of the bulk power system	Periodically	SAC Members	MRO SAC will host at least 1 webinar in 2024. 2/12/2024 - defense against ransomware webinar scheduled for 2/29/2024.
3	Security Conference	Charter	MRO Security Conference (1/2 Day)	Qtr. 4	SAC Members	MRO SAC will work with MRO staff to host the 11th annual security conference in October 2024.
4	Security Conference	Charter	MRO Security Training (1/2 Day).	Qtr. 4	SAC Members	MRO SAC members will work with MRO staff to host the security training event in October 2024.
5	Regional Security Risk Assessment	Charter	Continue the work of the 2023 Regional Security Risk Assessment through an updated survey, risk discussion meetings, and an updated report.	Qtr. 1-3	Clayton Whitacre	
6	Stakeholder Survey	Charter	Survey stakeholders to determine effectiveness of SAC outreach.	Qtr. 4	SAC Members	
7	Risk Assessment Support for RRA	Charter	Identify two SAC members to support MRO supporting risk ranking of items on a heat map. Expected workload 20-40 hours in the Fall.	Qtr. 3	Clayton Whitacre, Daniel Graham	
8	Grid Security Conference	Charter	Provide panel talk at Grid Security Conference (Grid SecCon)	Qtr. 4	Patrick Glunz	

Review of 2023 Q4 Annual Risk Summit
JoAnn Thompson, OGOC Chair
Richard Burt, Senior Vice President and Chief Operating Officer

Action

Discussion

Report

The OGOC meets with advisory council leadership and key staff each year in the fourth quarter to review identified and emerging risks to reliability and security of the bulk power system in MRO's region and determine appropriate focus areas for MRO's organizational groups in the year ahead. At the end of the meeting, staff collected feedback from the committee and attendees so we can continue to improve the facilitation of this meeting. The agenda from the December 13, 2023, meeting is available for OGOC members' review within the confidential board portal.

Staff would appreciate feedback from the OGOC on the following ideas for changes to future Risk Summits.

1. One single breakout session instead of two.
 - a. In the past one of the breakouts was focused on discussing and prioritizing the risks, with the second focused on the council workplans. There could be an opportunity for fulsome discussion on both topics, with less logistical complications and rigidity around the topic of discussion at each breakout, by utilizing a single longer breakout session instead of two.
2. Provide details regarding in-process and planned mitigation efforts for risks in the agenda packet ahead of the meeting.
 - a. Historically, descriptions of the risks are provided to the OGOC ahead of the meeting, and mitigation efforts are discussed during the staff presentation. This is due to timing and resources.
3. Conduct a roundtable feedback session, including both positive and constructive observations.
 - a. Staff found value in the OGOC chair asking for feedback from each attendee at the end of the meeting and appreciated the positive comments. By adding some time to the agenda to ensure this practice could be executed again, including constructive feedback, there is an opportunity to timely capture ways to continuously improve this event.
4. Ensure OGOC leadership manages questions.
 - a. Robust discussion and questions are a testament to the engagement of attendees for this event. Given that there has historically been an inability to get to every attendee's question for every topic, OGOC leadership managing the Q&A would provide for a better flow of the meeting as opposed to speakers managing this task.
5. Other Feedback
 - a. Attendees shared that this is an enjoyable, high energy event, with the staff presentation on the preliminary Regional Risk Assessment being a highlight. Are there opportunities to improve that presentation?

We look forward to discussion on this topic. MRO staff will utilize the OGOC's feedback in determining which, if any, of these changes to implement for the 2024 Risk Summit for the OGOC's fourth quarter meeting.

Quarterly Report on NERC Organizational Groups
Richard Burt, Senior Vice President and Chief Operating Officer

Action

Information

Report

Quarterly, MRO staff will update the OGOC regarding newly formed NERC organizational groups and provide recommendations regarding whether to assign a sponsored representative or not, along with justification for the recommendation.

Since the last meeting of the OGOC, NERC disbanded the Electromagnetic Pulse Working Group (EMPWG), which MRO did not have representation on. Additionally, NERC established an Electromagnetic Transient Modeling Task Force (EMTTF) in March of 2023. The purpose of the EMTTF is to support industry adoption of electromagnetic transient (EMT) modeling and simulation in studies of inverter-based resources.

MRO recommends not following the EMTTF with a representative at this point. This recommendation is based on the uncertainty of the longevity of the group, the fact that MRO is currently following the Inverter Based Resource Performance Subcommittee (IRPS) with a representative and that the EMTTF reports to the IRPS. The task force also does not align directly with any regional risk that MRO has identified in the Regional Risk Assessment.

The current list of NERC organizational groups and MRO sponsorship is as follows. Each of the sponsored representatives submits a written report to an MRO Advisory Council on the current activities of the NERC group. Those reports can be found in the agenda packets for the advisory councils on [MRO's website](#).

- Groups with MRO-sponsored stakeholder representation:
 - Compliance and Certification Committee (CCC) – CMEPAC
 - Electric Gas Working Group (EGWG) – RAC
 - Energy Reliability Assessment Working Group (ERAWG) - RAC
 - Facility Ratings Task Force (FRTF) - CMEPAC
 - Inverter-Based Resource Performance Subcommittee (IRPS) - RAC
 - Project Management and Oversight Subcommittee (PMOS) - CMEPAC
 - Security Integration and Technology Enablement Subcommittee (SITES) - SAC
 - Security Working Group (SWG) - SAC
 - Standards Committee (SC) - CMEPAC
 - Supply Chain Working Group (SCWG) - SAC
 - System Planning Impacts from Distributed Energy Resources Working Group (SPIDERWG) - RAC
 - System Protection and Control Working Group (SPCWG) - RAC
- Groups without MRO-sponsored stakeholder representation:
 - 6GHz Task Force (6GHZTF)
 - Energy Management Systems Working Group (EMSWG)

- ERO Monitoring Subcommittee (EROMS)
- Event Analysis Subcommittee (EAS)
- Failure Modes and Mechanisms Task Force (FMMTF)
- Frequency Working Group (FWG)
- Load Modeling Working Group (LMWG)
- Organization Registration and Certification Subcommittee (ORCS)
- Performance Analysis Subcommittee (PAS)
- Probabilistic Assessment Working Group (PAWG)
- Real Time Operating Subcommittee (RTOS)
- Reliability Assessment Subcommittee (RAS)
- Reserves Working Group (RWG)
- Resources Subcommittee (RS)
- Standards Committee Process Subcommittee (SCPS)
- Synchronized Measurement Working Group (SMWG)

Organizational Group Membership Openings
Carolina Margaria, Assistant Corporate Secretary and Governance Administrator

Action

Information (Written Report)

Report

Quarterly, MRO staff will share a list of open organizational group seats to maintain awareness to facilitate filling open seats outside of the normal nomination and elections cycle.

Open Seats		Term End
CMEPAC	<i>No Open Seats – Full Rosters</i>	
NSRF	1. NSRF – Municipal Utility	12/31/24
	2. NSRF- Federal Power Marketing Agency Sector	12/31/24
	3. NSRF - Generator and/or Power Marketer Sector	12/31/25
	4. NSRF – Transmission System Operator	12/31/26
RAC *	1. RAC Member	12/31/24
	2. RAC Member	12/31/26
	3. RAC Member	12/31/26
	4. RAC Member	12/31/26
PRS	1. PRS Member	12/31/25
SAC	1. SAC Member	12/31/2024
	2. SAC Member	12/31/2026
	3. SAC Member	12/31/2026
SACTF	<i>No Open Seats – Full Rosters</i>	

* During this meeting, the OGOC will be asked to approve four RAC nominees. If approved, there will be no remaining vacancies on the RAC.

Risk Roundtable: Company Use of AI and Large Language Models
JoAnn Thompson, OGOC Chair
Farid Shallal, Senior Cybersecurity Specialist

Action

Discussion

Report

The OGOC will enter a closed executive session to conduct a roundtable discussion regarding Company Use of AI and Large Language Models.

Roundtable participants may view the roundtable outline, reference materials, and discussion questions within the confidential board portal.

Other Business and Adjourn
JoAnn Thompson, OGOC Chair

Action

Information

Report

Important meeting dates for 2024 are provided below:

2024 OGOC Meeting Dates

- Q2 – Wednesday, May 22, 2024, 1:00 p.m. - 3:30 p.m. (Hybrid)
- Q3 – Wednesday, August 21, 2024, 1:00 p.m. - 3:30 p.m. (Hybrid)
- HERO Award – Friday, October 11, 10 am – 12 pm (Virtual)
- Q4 – Wednesday, November 6, 2024, 9:00 a.m. - 4:00 p.m. (In-person Only)

2024 Board Meeting Dates

- April 11, 2024 Business Plan & Budget Review Meeting (Webex Only)
- May 23, 2024 Q2 MRO Board of Director (Hybrid)
- June 20, 2024 Final Budget Meeting (Webex Only)
- August 21, 2024 Q3 MRO Board of Director (Hybrid)
- August 22, 2024 Strategic Planning Meeting (In-person Only)
- November 7, 2024 Q4 MRO Board of Director (Hybrid)