

Agenda

Member Representatives Committee

November 4, 2021 | 11:00 a.m. – 1:00 p.m. Eastern

Attendee WebEx: [Click to Join](#)

Introduction and Chair's Remarks

NERC Antitrust Compliance Guidelines and Public Announcement*

Consent Agenda

1. Minutes - (Approve)
 - a. August 12, 2021 Meeting*
 - b. October 6, 2021 Conference Call*

Regular Agenda

2. Future Meetings*
3. Election of MRC Officers for 2022*
4. MRC Sector Nominations and Elections Schedule*
5. General Updates and Reports
 - a. Board of Trustees Nominating Committee Update*
 - b. Business Plan and Budget Input Group Update*
 - c. Regulatory Update*
6. Policy and Discussion Items
 - a. Responses to the Board's Request for Policy Input*
 - i. Opportunities for Improving ERO Enterprise Agility*
 - b. Additional Policy Discussion of Key Items from Board Committee Meetings*
 - i. Corporate Governance and Human Resources Committee
 - ii. Finance and Audit Committee
 - iii. Compliance Committee
 - iv. Technology and Security Committee
 - c. MRC Input and Advice on Board Agenda Items and Accompanying Materials*

7. Implementation of ERO Policies, Procedures, and Programs for 2021/2022 Winter Energy Readiness*

Technical Updates

- 8. FERC Reliability Matters***
- 9. Bulk Power System Situation Awareness***
- 10. Hurricane Ida Restoration Efforts***

*Background materials included.

Antitrust Compliance Guidelines

I. General

It is NERC's policy and practice to obey the antitrust laws and to avoid all conduct that unreasonably restrains competition. This policy requires the avoidance of any conduct that violates, or that might appear to violate, the antitrust laws. Among other things, the antitrust laws forbid any agreement between or among competitors regarding prices, availability of service, product design, terms of sale, division of markets, allocation of customers or any other activity that unreasonably restrains competition.

It is the responsibility of every NERC participant and employee who may in any way affect NERC's compliance with the antitrust laws to carry out this commitment.

Antitrust laws are complex and subject to court interpretation that can vary over time and from one court to another. The purpose of these guidelines is to alert NERC participants and employees to potential antitrust problems and to set forth policies to be followed with respect to activities that may involve antitrust considerations. In some instances, the NERC policy contained in these guidelines is stricter than the applicable antitrust laws. Any NERC participant or employee who is uncertain about the legal ramifications of a particular course of conduct or who has doubts or concerns about whether NERC's antitrust compliance policy is implicated in any situation should consult NERC's General Counsel immediately.

II. Prohibited Activities

Participants in NERC activities (including those of its committees and subgroups) should refrain from the following when acting in their capacity as participants in NERC activities (e.g., at NERC meetings, conference calls and in informal discussions):

- Discussions involving pricing information, especially margin (profit) and internal cost information and participants' expectations as to their future prices or internal costs.
- Discussions of a participant's marketing strategies.
- Discussions regarding how customers and geographical areas are to be divided among competitors.
- Discussions concerning the exclusion of competitors from markets.
- Discussions concerning boycotting or group refusals to deal with competitors, vendors or suppliers.
- Any other matters that do not clearly fall within these guidelines should be reviewed with NERC's General Counsel before being discussed.

III. Activities That Are Permitted

From time to time decisions or actions of NERC (including those of its committees and subgroups) may have a negative impact on particular entities and thus in that sense adversely impact competition. Decisions and actions by NERC (including its committees and subgroups) should only be undertaken for the purpose of promoting and maintaining the reliability and adequacy of the bulk power system. If you do not have a legitimate purpose consistent with this objective for discussing a matter, please refrain from discussing the matter during NERC meetings and in other NERC-related communications.

You should also ensure that NERC procedures, including those set forth in NERC's Certificate of Incorporation, Bylaws, and Rules of Procedure are followed in conducting NERC business.

In addition, all discussions in NERC meetings and other NERC-related communications should be within the scope of the mandate for or assignment to the particular NERC committee or subgroup, as well as within the scope of the published agenda for the meeting.

No decisions should be made nor any actions taken in NERC activities for the purpose of giving an industry participant or group of participants a competitive advantage over other participants. In particular, decisions with respect to setting, revising, or assessing compliance with NERC reliability standards should not be influenced by anti-competitive motivations.

Subject to the foregoing restrictions, participants in NERC activities may discuss:

- Reliability matters relating to the bulk power system, including operation and planning matters such as establishing or revising reliability standards, special operating procedures, operating transfer capabilities, and plans for new facilities.
- Matters relating to the impact of reliability standards for the bulk power system on electricity markets, and the impact of electricity market operations on the reliability of the bulk power system.
- Proposed filings or other communications with state or federal regulatory authorities or other governmental entities.

Matters relating to the internal governance, management and operation of NERC, such as nominations for vacant committee positions, budgeting and assessments, and employment matters; and procedural matters such as planning and scheduling meetings.

Draft Minutes

Member Representatives Committee

August 12, 2021 | 11:00 a.m. – 1:00 p.m. Eastern

Chair Paul Choudhury, with Vice Chair Roy Jones present, called to order a duly noticed meeting of the Member Representatives Committee (MRC) of the North American Electric Reliability Corporation (NERC) via teleconference on August 12, 2021, at 11:00 a.m., Eastern, and a quorum was declared present. The agenda and MRC members and their proxies in attendance are attached as **Exhibits A** and **B**, respectively.

Introduction and Chair's Remarks

Mr. Choudhury welcomed MRC members and attendees, acknowledging the Board, Andy Dodge and others from the Federal Energy Regulatory Commission (FERC), CAMPUT representative David Morton, and Tab Gangopadhyay from the Canada Energy Regulator. He also welcomed John Twitty back to the MRC representing Sector 2 and welcomed Lesley Gallinger and Barbara Sugg to the MRC, both representing Sector 10. Mr. Choudhury reminded attendees that full presentations were conducted at the Board committee meetings and would not be repeated during the MRC meeting. He acknowledged the MRC's responses to the policy input request from Ken DeFontes, Chairman of the Board.

NERC Antitrust Compliance Guidelines and Public Announcement

Ms. Iwanechko directed the participants' attention to the NERC Antitrust Compliance Guidelines included in the agenda package, and indicated that all questions regarding antitrust compliance or related matters should be directed to Sonia Mendonca, senior vice president, general counsel, and corporate secretary at NERC.

Minutes

Upon motion duly made and seconded, the MRC approved the minutes of the May 13, 2021, and July 14, 2021, meetings as presented at the meeting.

Future Meetings

The schedule of future meeting dates, including the pre-meeting and informational webinars for 2021, was included in the agenda package. Mr. DeFontes noted that a decision on whether the November meetings would be held in a hybrid format or fully virtual will be made in early September.

Schedule for MRC Officer and Sector Election

Mr. Choudhury announced the annual nomination and election of the MRC chair, vice chair, and sector representatives. The schedule for the upcoming nominations and elections was included in the agenda package.

Business Plan and Budget Input Group Update

Sylvain Clermont, chair of the Business Plan and Budget (BP&B) input group, provided an update on the group's activities. The group last met in June, discussing the 2021 budget status, 2022 budget assessment,

and 2023-2024 assumptions. Mr. Clermont noted that the group shared ideas around establishing metrics focused on the financial and non-financial performance of the ERO. He commended NERC's continued transparency and collaboration with the BP&B Input Group throughout the BP&B development process.

Regulatory Update

Ms. Mendonca invited questions or comments regarding the regulatory report, which highlights Canadian affairs, as well as past and future significant FERC filings.

Responses to the Board's Request for Policy Input

Mr. Choudhury acknowledged the MRC's responses to Mr. DeFontes' July 7, 2021, letter requesting policy input on the implementation of ERO policies, procedures, and programs for 2021/2022 winter energy readiness, in addition to the preliminary agenda topics for the August meetings. Responses to the letter are [posted](#) on the NERC website.

Implementation of ERO Policies, Procedures, and Programs for 2021/2022 Winter Energy Readiness

Mark Lauby, senior vice president and chief engineer at NERC, provided an overview of the reliability risk framework, noting that the activities proposed for winter energy readiness fall under steps three and four of the framework. Mr. Lauby discussed themes from the policy input, which showed general support of NERC's efforts to prepare for the upcoming winter, but some concerns around specific items. Richard Burt, senior vice president and chief operation officer at MRO, and Ms. Mendonca discussed two of the concerns raised.

Mr. Burt discussed the Regional Entities' tailored approach for the upcoming winter, including extensive outreach and coordination across the ERO Enterprise. He spoke to MRO's generator winter preparedness program which was modeled after ReliabilityFirst's program. He also noted that while the Regional Entities plan to visit entities in preparation for the upcoming winter, the way those engagements are done may be adjusted given the changing landscape with COVID.

Ms. Mendonca provided additional context around the planned CMEP Practice Guide, which would help CMEP staff understand registered entities' winter preparedness plans in preparation for, and during the implementation of, the Cold Weather Reliability Standards in a transparent and consistent manner.

Mr. Lauby reviewed next steps, including releasing of a Level 2 Alert in August, publishing a CMEP Practice Guide in August or September, and publishing the Winter Reliability Assessment in early November. He noted that NERC will provide an after action report to the MRC and Board after the upcoming winter.

Additional Policy Discussion of Key Items from Board Committee Meetings

Attendees did not have any additional comments related to the Board's Corporate Governance and Human Resources Committee, Technology and Security Committee, and Finance and Audit Committee meetings.

MRC Input and Advice on Board Agenda Items and Accompanying Materials

Attendees had the following comments on the topics included on the Board's agenda for its meeting later that day.

- Some MRC members suggested that the removal of the Regional Entities' ability to vote on NERC Reliability Standards and participate on the Standards Committee should be included in the proposed NERC Rules of Procedure revisions, rather than in a future revision.

Update on FERC Reliability Matters

Andy Dodge, director of the Office of Electric Reliability at FERC, provided an update on the following FERC reliability activities: establishment of the Office of Public Participation; July 8, 2021, whitepaper on real-time assessment; July 7, 2021, FERC and ERO Enterprise joint staff whitepaper on SolarWinds and related supply chain compromise; recent and upcoming technical conferences and workshops; September 30, 2021, Commissioner-led reliability conference; joint FERC-NERC inquiry into 2021 cold weather grid operations; cold weather Reliability Standards; recent reliability orders; and the FERC-NARUC Joint Task Force on transmission.

Risk Registry

Soo Jin Kim, director, power risk issues and strategic management at NERC, provided an overview of the draft risk registry, which was included in the agenda package. She explained that the risk registry is a component of the reliability risk framework and provides a current view of ERO Enterprise projects (tasks) that support identified risks. She highlighted the following four critical risk categories identified by NERC for 2021 and reviewed tasks that support each category: (1) energy adequacy; (2) security risks (cyber and physical); (3) extreme events (including cold weather); and (4) inverters. Ms. Kim noted that the risk registry also groups tasks by risk profiles identified by the Reliability Issues Steering Committee (RISC) and NERC will coordinate with RISC on prioritization to ensure alignment. The risk registry will be posted on the NERC website and updated quarterly in advance of each Board meeting.

Bulk Power System Situation Awareness Update

Darrell Moore, director, bulk power system awareness (BPSA) and personnel certifications at NERC, provided an update on BPSA activities. He highlighted significant events since the previous update to the MRC, including the western heat wave in early July and the Bootleg Fire. Mr. Moore also provided an overview of mandatory reports (OE-417 and EOP-004) submitted in 2021 and Energy Emergency Alert Level 3 (EEA3) reports from the past twelve months.

Adjournment

There being no further business, the meeting was adjourned.

Submitted by,



Kristin Iwanechko
Secretary

DRAFT Minutes

Member Representatives Committee Pre-Meeting Informational Session Conference Call and Webinar

October 6, 2021 | 11:00 a.m. – 12:00 p.m. Eastern

Introduction and Chair's Remarks

Chair Paul Choudhury convened a duly-noticed open meeting by conference call and webinar of the North American Electric Reliability Corporation (NERC) Member Representatives Committee (MRC) on October 6, 2021, at 11:00 a.m., Eastern. The meeting provided the MRC and other stakeholders an opportunity to preview proposed agenda topics for the MRC, Board of Trustees (Board), and Board Committee meetings scheduled to be held November 3-4, 2021, via teleconference. The meeting announcement and agenda are attached as **Exhibits A and B**, respectively.

NERC Antitrust Compliance Guidelines and Public Announcement

Kristin Iwanechko, MRC Secretary, directed the participants' attention to the NERC Antitrust Compliance Guidelines included in the agenda package, and indicated that all questions regarding antitrust compliance or related matters should be directed to Sonia Mendonca, senior vice president, general counsel, and corporate secretary at NERC.

Schedule of Quarterly NERC Meetings and Conference Calls

The draft schedule of events for the upcoming meetings was included in the agenda package.

Review of Proposed Board and Board Committees Meeting Agenda Items

Ms. Mendonca reviewed the preliminary agenda items for the Board and Board Committee meetings scheduled for November 3-4, 2021, that were identified in the slide presentation included in the informational session agenda package. MRC members should review all agenda materials for the Board and Board Committee meetings, once posted and available, and attend as many of these meetings as possible in advance of the MRC's meeting on November 4, 2021.

Review of Proposed MRC Agenda Items for November 4, 2021

Mr. Choudhury reviewed the following preliminary MRC agenda items for the upcoming November 4, 2021, meeting that were identified in the slide presentation included in the informational session agenda package:

- Election of MRC Officer for 2022;
- MRC Sector Nominations and Elections Schedule;
- Board of Trustees Nominating Committee Update;
- Business Plan and Budget Input Group Update;

- Regulatory Update;
- Discussion of the Responses Submitted to the Policy Input Request from the Board;
 - Opportunities for Improving ERO Enterprise Agility;
- Additional Discussion of the Items Presented at the Board Committee Meetings;
- MRC Input and Advice on Board Agenda Items and Accompanying Materials;
- Implementation of ERO Policies, Procedures, and Programs for 2021/2022 Winter Energy Readiness;
- Update on FERC Reliability Matters;
- Bulk Power System Situation Awareness Update; and
- Hurricane Ida Restoration Efforts.

Policy Input Reminder

Mr. Choudhury announced that the Board's request for policy input was issued on September 30, 2021, and responses are due by Wednesday, October 20, 2021, to Ms. Iwanechko. Mark Lauby, senior vice president and chief engineer at NERC, provided an overview of the *Opportunities for Improving ERO Enterprise Agility*, which was included in the Board's request for policy input.

The Board also requested input on the preliminary agenda topics presented during the MRC Informational Session. There will be time dedicated on the MRC's November 4, 2021, agenda for MRC members to provide input and advice on the Board agenda items after the final package has been posted.

Proxy Reminder

Proxy notifications for the November 4, 2021, meeting must be submitted in writing to Ms. Iwanechko.

Meeting Adjourned

There being no further business, the call was terminated.

Submitted by,



Kristin Iwanechko
Secretary

Future Meetings

Action

Information

Summary

The following are the future meeting dates for 2022. The dates for 2022 pre-meeting and information webinars are also included below.

2022 Dates

January 12	Pre-Meeting and Informational Session
February 9-10	Hybrid In-Person/Virtual
April 6	Pre-Meeting and Informational Session
May 11-12	Washington, DC (In-Person)
July 20	Pre-Meeting and Informational Session
August 17-18	Vancouver, BC (In-Person)
October 12	Pre-Meeting and Informational Session
November 9-10	TBD

Election of MRC Officers for 2022

Action

Elect officers for 2022

Background

Article VIII, Section 5 of the [NERC Bylaws](#) addresses election of the chair and vice chair of the MRC. Article VIII states:

Section 5 – Officers of the Member Representatives Committee (MRC) – Prior to the annual election of representatives to the MRC, the MRC shall select a chairman and vice chairman from among its voting members by majority vote of the members of the MRC to serve as chairman and vice chairman of the MRC during the upcoming year; provided, that the incumbent chairman and vice chairman shall not vote or otherwise participate in the selection of the incoming chairman and vice-chairman. The newly selected chairman and vice chairman shall not have been representatives of the same Sector. Selection of the chairman and vice chairman shall not be subject to approval of the Board. The chairman and vice chairman, upon assuming such positions, shall cease to act as representatives of the Sectors that elected them as representatives to the MRC and shall thereafter be responsible for acting in the best interests of the members as a whole.

The nomination period for the two officer positions of the MRC for 2022 opened on September 8, 2021, for a 30-day nomination period that closed October 8, 2021. The nominees for the MRC chair and vice chair for 2022 are:

Chair – Roy Jones

Vice Chair – Jennifer Flandermeyer

MRC Sector Nominations and Elections Schedule

Action

Information

Background

Chair Paul Choudhury will remind members of the current sector nomination period for those representatives whose terms expire in February 2022.

MRC Member Nominations and Elections

Wednesday, September 8 – nomination period opens

Monday, November 8 – nomination period closes

Wednesday, December 8 – election begins

Friday, December 17 – election ends

Reference Links

[Membership of the MRC for 2021-2023](#)

[NERC Bylaws](#)

Board of Trustees Nominating Committee Update

Action

Information

Summary

The following MRC members are serving on this year's Board of Trustees Nominating Committee (BOTNC):

1. **Paul Choudhury** – MRC Chair
2. **Roy Jones** – MRC Vice Chair
3. **Jennifer Flandermeyer** – Investor-Owned Utility (Sector 1)
4. **Edison Elizeh** – Federal/Provincial Utility (Sector 4)

Roy Thilly, chair of the BOTNC, will provide a status report on the planned activities and schedule for the BOTNC.

Business Plan and Budget Input Group Update

Action

Information

Summary

The Business Plan and Budget (BP&B) Input Group was established as a means of getting MRC and stakeholder feedback toward each year's budget. The group meets at least once per month during the normal budget season and additionally in other months to receive updates on NERC's financial position and discuss upcoming budget strategies. The following MRC members are serving on this year's BP&B Input Group:

1. **Sylvain Clermont (Chair)** – Federal/Provincial Utility
2. **Paul Choudhury** – MRC Chair
3. **Jennifer Flandermeyer** – Investor-Owned Utility
4. **Thad Ness** – Investor-Owned Utility
5. **John Haarlow** – State/Municipal Utility

In addition to the above MRC members, the BP&B Input Group also includes a representative from a Regional Entity (Tim Gallagher – RF) and a representative from the RISC (Peter Brandien – past RISC chair).

Sylvain Clermont, chair of the BP&B Input Group, will provide an update on behalf of the group at the November 4, 2021, MRC Meeting.

Update on Regulatory Matters (As of September 28, 2021)

Action

Information

FERC Orders Issued Since the Last Update

FERC orders are available on the NERC website [FERC Orders/Rules](#) page.

NERC Filings to FERC Since the Last Update

NERC filings to FERC are available on the NERC website [NERC Filings to FERC](#) page.

NERC Filings in Canadian Jurisdictions Since the Last Update

NERC filings to Canadian applicable governmental authorities are available on the NERC website [Canadian Filings and Orders](#) page. This page also contains links to the websites of each of the Canadian applicable governmental authorities, where orders, consultation records, and other records related to NERC matters may be found.

Processes for making standards enforceable and monitoring and enforcing compliance are specific to each jurisdiction in Canada. The Federal, Provincial, and Territorial Monitoring and Enforcement Sub-group (MESG) has developed provincial summaries of each province's electric reliability standard-making and enforcement functions, with U.S. comparators. The [Canada](#) page of the NERC website contains these summaries, as well as a link to the [Canadian MOUs](#) page.

Anticipated NERC Filings

Highlights of NERC filings that will be submitted to applicable governmental authorities in the U.S. and Canada appear below:

1. November 12, 2021 – NERC and SERC will submit a petition for approval of proposed Reliability Standard PRC-006-SERC-03 – Automatic Underfrequency Load Shedding Requirements.
Docket TBD
Pending Board approval
2. November 14, 2021 – Within 45 days of the end of each quarter, NERC must submit the unaudited report of the NERC budget-to-actual spending variances during the preceding quarter.
Docket No. FA11-21-000
Pending Board approval
3. November 29, 2021 – NERC will submit a quarterly filing in Nova Scotia of FERC-approved Reliability Standards.
4. December 9, 2021 – NERC must submit its Annual Reliability Standards Development Plan (“RSDP”) informational filing, per Rules of Procedure Section 310. After the RSDP is filed with FERC, NERC will make RSDP informational filings in Canadian jurisdictions.
Docket Nos. RM05-17-000, RM05-25-000, RM06-16-000

Pending Board approval

5. December 15, 2020 — NERC must submit its Frequency Response Annual Analysis (“FRAA”) report in compliance with FERC Order No. 794.

Docket No. RM13-11-000

Pending Reliability Security and Technical Committee endorsement

6. December 15, 2021 – NERC will submit an update on the schedule for the 2016-02 (Virtualization) CIP standards development project. The Bulk Electric System Cyber System Information (“BCSI”) Access Management project that was also being tracked in this filing was submitted for approval on September 15, 2021.

Docket No. RD20-2-000

7. December 17, 2021 – NERC will submit an informational filing regarding BES activities in the cloud. The informational filing will consider the feasibility of modifying the CIP Reliability Standards to facilitate the voluntary use of virtualization and cloud computing for purposes beyond data storage (i.e., to perform BES reliability operating services), as well as the status and schedule for any plans to modify the standards by NERC.

Docket No. RM20-8-000

Responses to the Board's Request for Policy Input

Action

Discussion

Background

The policy input letter is issued by the Chair of the NERC Board of Trustees (Board) four to five weeks in advance of the quarterly meetings and includes relevant materials necessary to inform and prepare for discussion. Written input from the Member Representatives Committee (MRC) and stakeholders is due three weeks after issuance and is then revisited during a dedicated discussion time on the MRC's agenda, in the presence of the Board.

Summary

For this quarter, the Board requested specific policy input on Opportunities for Improving ERO Enterprise Agility. In addition, the Board requested input on preliminary Board, Board Committee, and MRC agenda topics. On November 4, 2021, the MRC can expect to participate in discussion on the responses received from the policy input request.

The policy input letter with its attachments and responses are posted with the Board's [November 2021 meeting materials](#).

Opportunities for Improving ERO Enterprise Agility

Action

Information

Summary

The electricity industry is experiencing significant policy and technical forces that are driving rapid change in how electricity systems are designed, planned, operated, and secured. The transformed reliability, resilience, and security ecosystem will include new risks, new complexities, new terminology, new requirements, new players, and jurisdictional challenges. As noted at the August Board meeting, the Board and NERC management recognize these changes are coming large and fast. While striving for efficient and effective programs, the ERO Enterprise's core processes (like most in the electricity sector) are designed for consultation, deliberation, and consensus building, which are inherently slower and pre-disposed toward incremental change based on lessons learned and observed challenges. At the same time, over the past few years the ERO Enterprise has focused on efficiency and effectiveness with a few key initiatives — the Standards Efficiency Review, aligning compliance monitoring and enforcement program processes, improving data handling and security through Align and the Secure Evidence Locker, and looking at real estate costs with the potential for reducing that fixed cost category by 40% or more. The ERO Enterprise is interested in exploring new ways of working to manage the rapid changes to the sector while continuing to promote the technical expertise and stakeholder consensus building process which is a hallmark of ERO Enterprise programs since its inception in 2007.

As part of the September 29, 2021, Policy Input Letter, the NERC Board of Trustees requested input on whether the MRC agrees that more nimble ERO Enterprise programs are desirable and where there are opportunities for exploring new ways of working and making processes more efficient and agile.

Additional Policy Discussion of Key Items from Board Committee Meetings

Action

Discussion of specific items presented at the Board of Trustees (Board) Committee meetings. Staff presentations made at the Board Committee meetings will not be duplicated at the Member Representatives Committee (MRC) meeting.

Summary

On November 4, 2021, the MRC will have additional time for policy discussion, as part of its own agenda, to respond to the information that is presented during the Board Committee meetings.

The Board committee agendas and associated background materials will be posted on the following webpages approximately one to two weeks in advance of the meetings:

[Corporate Governance and Human Resources Committee](#)

[Finance and Audit Committee](#)

[Compliance Committee](#)

[Technology and Security Committee](#)

MRC Input and Advice on Board Agenda Items and Accompanying Materials

Action

Discussion

Background

Article VIII, Section 1 of the [NERC Bylaws](#) states that the MRC shall have the right and obligation to “provide advice and recommendations to the Board with respect to the development of annual budgets, business plans and funding mechanisms, and other matters pertinent to the purpose and operations of the Corporation.”

In the policy input letter issued on September 30, 2021, the NERC Board of Trustees (Board) requested comments on the preliminary agenda topics for the November Board meeting that were reviewed during the October 6, 2021, MRC Informational Session. At the November 4, 2021, meeting, MRC members should come prepared to provide input on behalf of their sectors on the Board’s formal agenda package posted on October 21, 2021.

Implementation of ERO Policies, Procedures, and Programs for 2021/2022 Winter Energy Readiness

Action

Update

Background

At the August 2021 MRC meeting, NERC staff provided information in response to policy input related to 2021/2022 Winter Energy Readiness. Staff will provide an update on the progress of several of those activities.

Summary

Since 2011, the ERO Enterprise has heightened its scrutiny over events during extreme winter weather conditions. Most recently, FERC and the ERO Enterprise initiated a joint inquiry to review the circumstances surrounding the February 2021 event that affected Texas and parts of the southern central United States. On September 23, 2021, FERC and NERC staff presented [preliminary findings and recommendations](#) during the FERC Open Meeting.

Prior to that, driven by the result of a joint inquiry into the January 17, 2018, south central United States cold weather event, NERC initiated a project resulting in the development of Reliability Standards EOP-011-2, IRO-010-4, and TOP-003-5. These Cold Weather Reliability Standards were recently adopted by the NERC Board of Trustees, and they were approved by FERC in August 2021. They will require generators to:

- Implement plans for cold weather preparedness;
- Require Generator Owners to implement plans to prepare for cold weather; and
- Provide certain generator cold weather operating parameters to the Reliability Coordinator, Transmission Operator, and Balancing Authority for use in their analyses and planning.

As these new Reliability Standards will not go into effect before the upcoming winter, and there are additional preparations needed beyond unit winterization, the ERO Enterprise is pursuing several efforts to evaluate industry preparedness for the upcoming 2021-2022 Winter. NERC staff will provide an update on the progress in each of the following areas:

1. NERC Reliability Standards Development Activities in response to the FERC, NERC, Regional Entity Joint Inquiry into 2021 Cold Weather Grid Operations
2. Winter Weather Preparedness Outreach and Industry Engagement
3. Registered Entity On-site/Virtual Engagement
4. Level 2 NERC Alert
5. Compliance Monitoring and Enforcement Program (CMEP) Practice Guide
6. 2021/2022 Winter Reliability Assessment

Update on FERC Reliability Matters

Action

Information

Summary

At the November 4, 2021, MRC meeting, David Ortiz, Acting Director of the Office of Electric Reliability (OER), will provide an update on recent FERC activity.

Bulk Power System Situation Awareness Update

Action

Information

Background

NERC's Bulk Power System Awareness (BPSA) group acquires and disseminates timely, accurate and complete information regarding the current status of the bulk power system (BPS) and threats to its reliable operation, to enable the ERO Enterprise to effectively assure the reliability of the BPS. During major system disturbances, extreme weather, fires, hurricanes, physical events, and geomagnetic disturbances, etc. the BPSA group facilitates effective communications among the ERO Enterprise, industry and government stakeholders.

NERC BPSA, in collaboration with the E-ISAC and the ERO Enterprise Situation Awareness teams, is responsible for the following:

- Maintaining a near real-time situation awareness of conditions on the BPS;
- Notifying industry of significant BPS events that have occurred in one area, and which have the potential to impact reliability in other areas; and
- Maintaining and strengthening high-level communications, coordination, and cooperation with government agencies regarding real-time conditions.

The presentation at the November 4, 2021, MRC meeting is designed to provide a snapshot of the BPS and some of the reports/events/activities over the third quarter of 2021.

Hurricane Ida Restoration Efforts

Action

Information

Summary

Tim Ponseti, Vice President of Operations at SERC Reliability Corporation, and Charles Long, Vice President of Transmission at Entergy, will provide an update on the restoration efforts, unique challenges, the extraordinary cooperation and collaboration in the aftermath, and lessons learned following the devastation from strong Category 4 Hurricane Ida.