

# WELCOME TO TECHNICAL TALK WITH RF

July 17, 2023



# TECHNICAL TALK WITH RF



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# TECHNICAL TALK WITH RF

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# TECH TALK REMINDERS

Please keep your information up-to-date

- CORES, Generation Verification Forms, Entity Profile Questionnaires (quarterly)

Following an event, send EOP-004 or OE-417 forms to [disturbance@rfirst.org](mailto:disturbance@rfirst.org)

CIP-008-6 incident reports are sent to the [E-ISAC](#) and the [DHS CISA](#)

Check our [monthly CMEP update](#) and [quarterly newsletter](#):

- [2023 ERO Periodic Data Submittal schedule](#)
- Timing of Standard effectiveness

BES Cyber System Categorization (CIP-002-5.1 a)

- Assess categorization (low, medium, or high) regularly and notify us of changes

CIP Evidence Request Tool V7.0 is online, see [website](#)



# TECH TALK ANNOUNCEMENT

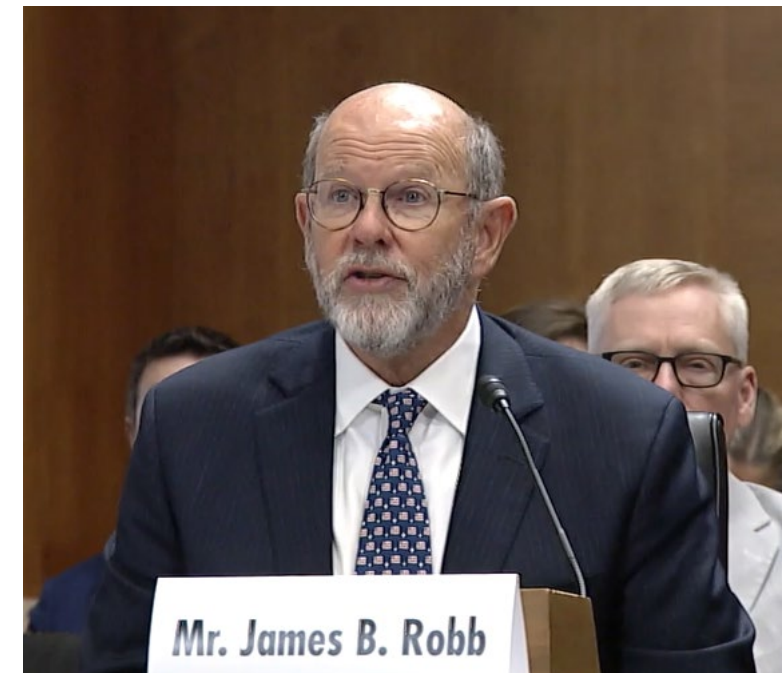


## Senate Committee on Energy & Natural Resources

### June 1 hearing with NERC CEO Jim Robb

[Watch Archived Webcast](#)

[Read Jim Robb's Testimony](#)



# TECH TALK ANNOUNCEMENT



- [Assessment Overview](#)
- [Technical Assessment](#)
- [State of Reliability Video](#)
- [Infographic](#)



## 2023 State of Reliability Overview

June 2023

**Assessment Overview of  
2022 Bulk Power System  
Performance**

# TECH TALK ANNOUNCEMENT



## Section 1600 Data Request, required by July 25

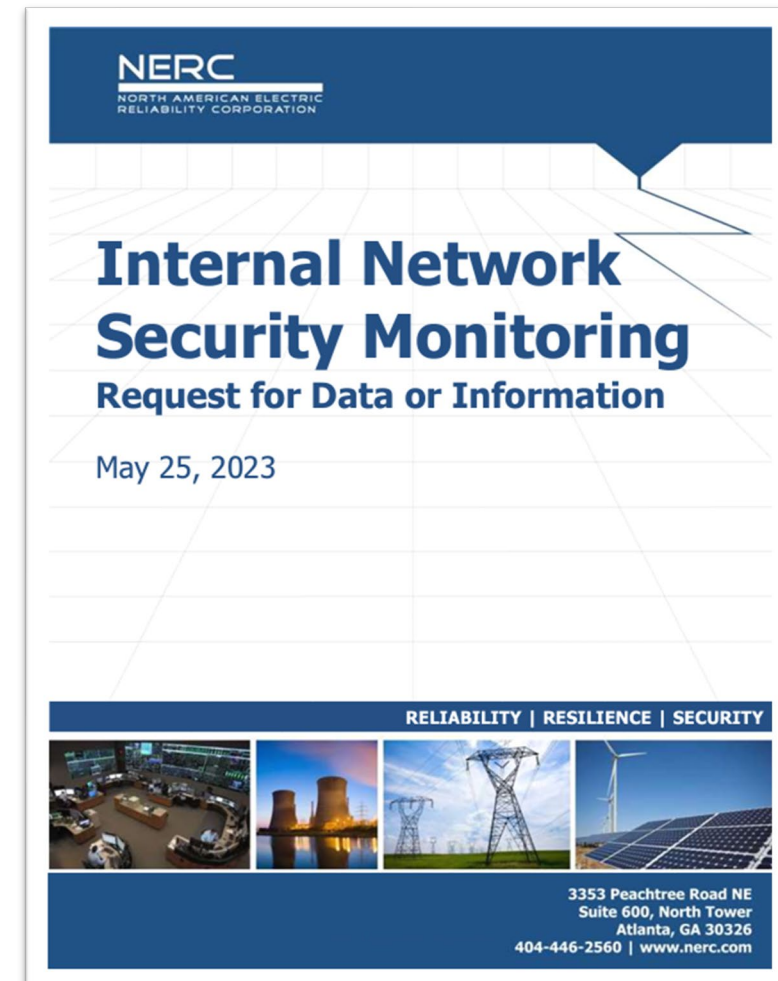
## Internal Network Security Monitoring

### [INSM Data Request](#)

Primary Compliance Contacts (PCC) for reporting entities must respond by logging onto the [NERC ERO portal](#) and selecting "INSM Data Request" at the top of the page. For those NCRs that have more than one PCC, all PCCs will have access to the response.

Responses can be saved and modified repeatedly but once submitted the responses are final. Portal responses are protected and available to ERO study participants on a need-to-know basis only.

Any questions may be directed to: [INSM\\_DR\\_Info@nerc.com](mailto:INSM_DR_Info@nerc.com)



# TECH TALK ANNOUNCEMENT



## Level 3 NERC Alert FAQ Posted

NERC has published a FAQ document on the Level 3 **Extreme Cold Weather Alert** to address some of the common concerns heard during development of the alert and to provide more clarity of the Level 3 Alert Essential Actions and questions. For questions or comments, please send an email to [nerc.alert@nerc.net](mailto:nerc.alert@nerc.net)

- [FAQ: Level 3 Alert](#)
- [Essential Actions to Industry - Cold Weather Preparations](#)
- [NERC Alerts](#)

## Level 2 NERC Alert Extended

The Level 2 NERC Alert on **Inverter-Based Resource (IBR) Performance Issues** was released on March 14, 2023, and included a data submission worksheet for Generator Owners of all Bulk Electric System (BES) solar photovoltaic (PV) resources. NERC is issuing a one-month extension to complete the data submission worksheet and alert responses. The new deadline for approved responses is July 31, 2023.

- Please contact [Alex.Shattuck@nerc.net](mailto:Alex.Shattuck@nerc.net) with any questions or comments.



# TECH TALK ANNOUNCEMENT



## FAQ Posted

## Project 2021-07 Extreme Cold Weather Grid Operations, Preparedness, and Coordination

Click here for the [FAQ](#)



# TECH TALK ANNOUNCEMENT



## Joint NERC, FERC Physical Security Technical Conference

August 10, NERC Office, Atlanta

- [Agenda](#)
- [In-person Registration](#)
- [Webinar Registration](#)



# TECH TALK ANNOUNCEMENT



## Industry Webinar

### **Project 2023-01 EOP-004 Inverter-Based Resources (IBR) Event Reporting**

August 15, 1:00 – 2:30 PM Eastern

[Join Webex](#)

Meeting Number/Access Code: 734 167 043

Password: 081523

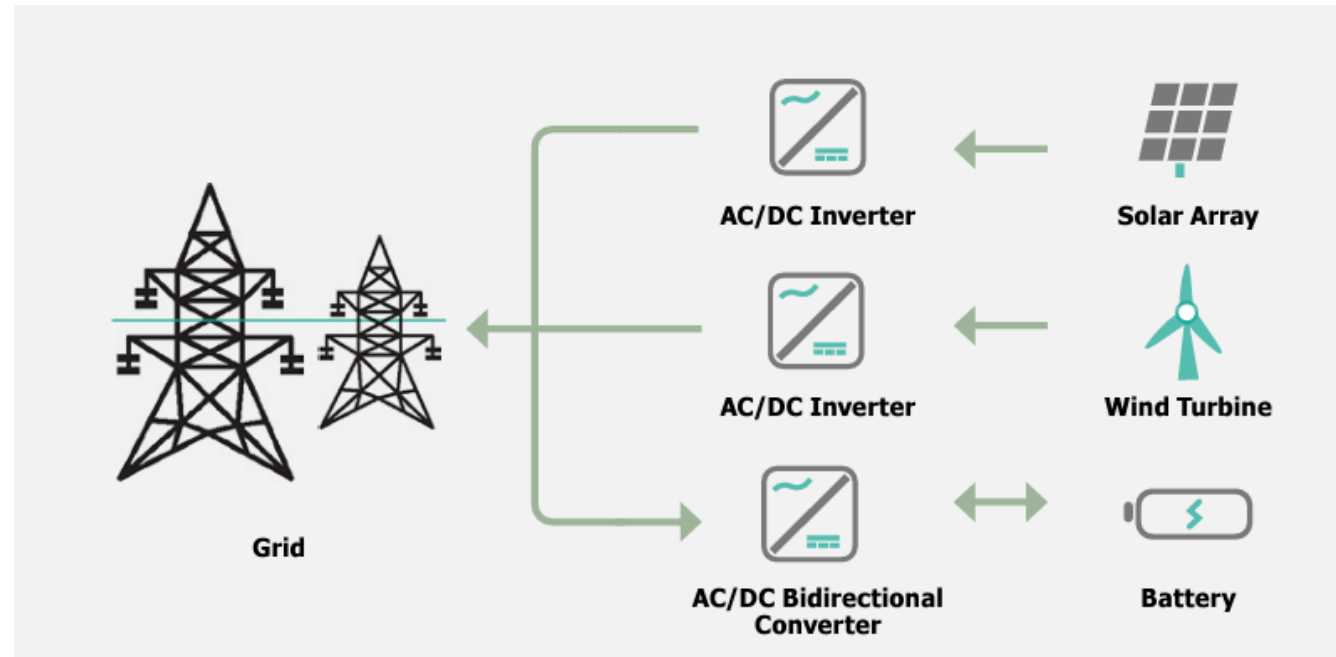


# TECH TALK ANNOUNCEMENT



## Introduction to IBRs on the Bulk Power System

New guide for policy makers [here](#)



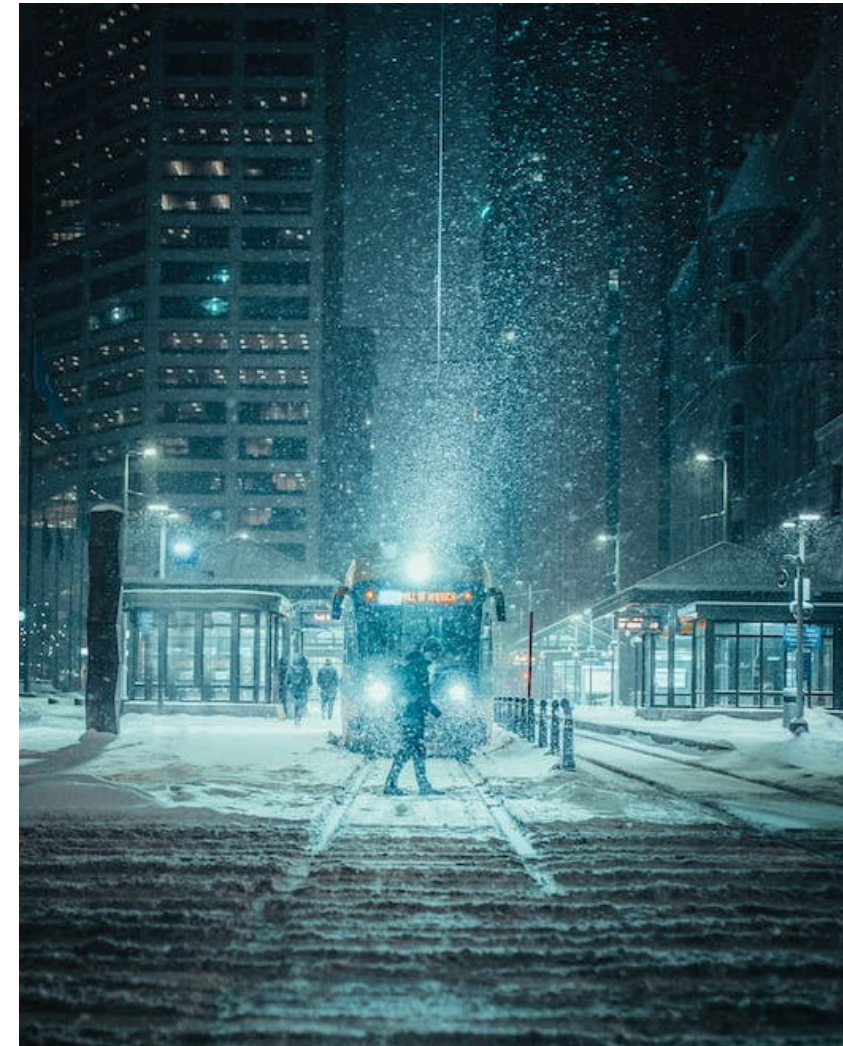
# TECH TALK ANNOUNCEMENT



## Winter Preparation for Severe Cold Weather Webinar

September 7, 1:00 – 3:00 PM Eastern

NERC will hold the Winter Preparation for Severe Cold Weather webinar on September 7, and is requesting abstracts from industry stakeholders on successful practices and lessons learned relating to severe cold weather preparation. Submission for presentations and panel discussions are welcome from all industry stakeholders, including asset owners and operators and OEMs who support the bulk power system.



# TECH TALK ANNOUNCEMENT



## Monitoring & Situational Awareness Technical Conference

October 3-4, Salt Lake City, Utah (Hybrid)

This year's conference will unite expertise from various utilities to share cutting-edge ideas and good industry practices, and to identify trends and lessons learned from events across different vendors, energy management system platforms, and Interconnections. Detailed information about the conference, including registration, will be published at the end of August.



# TECH TALK ANNOUNCEMENT



## Probabilistic Analysis Forum (PAF)

October 10-12, Salt Lake City, Utah (Hybrid)

More details, including the event registration and successful submissions, will be made available on the NERC and WECC websites closer to the forum.

Examples of topics include, but are not limited to:

- Additional metrics/measurements vs expanding the use of existing metrics
- Resource Accreditation methods
- Battery Modeling and performance
- Natural Gas Constraints and Operational Risks
- Development of synthetic load models
- Capturing widespread geographic risks
- Extreme weather impacts
- Techniques and modelling approaches for managing forced outages
- Energy and Capacity evaluation



# TECH TALK ANNOUNCEMENT



## GridSecCon 2023

Quebec City, October 17-20

### [Registration](#)

GridSecCon brings together cyber and physical security leaders from industry and government to deliver expert training sessions, share best practices and effective threat mitigation programs, and present lessons learned. Conference and hotel registration opened in May and more details are available on the E-ISAC, NERC and NPCC websites.





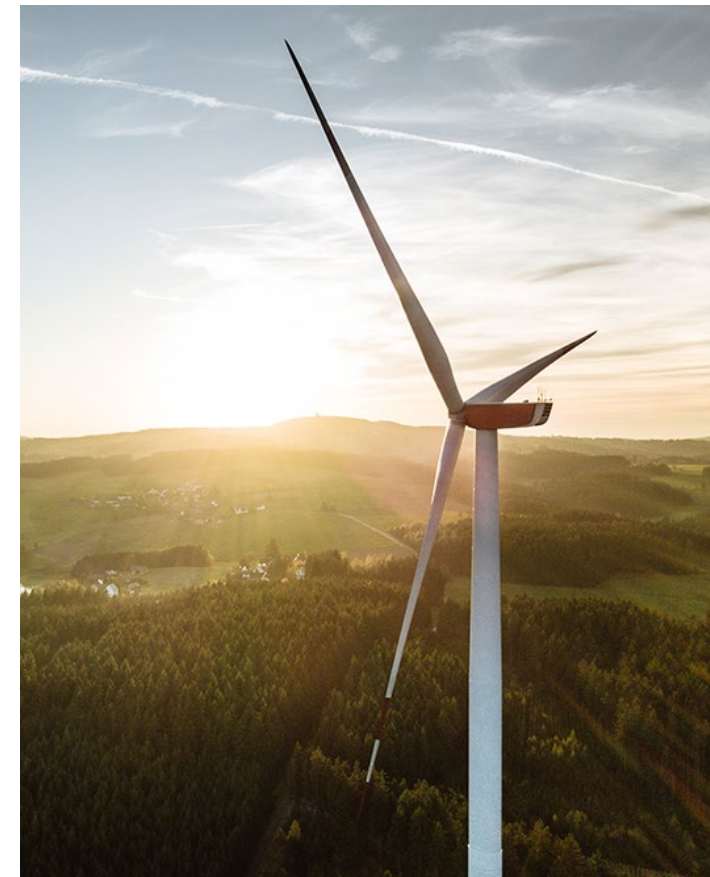
# TECH TALK ANNOUNCEMENT



## **NERC-NATF-EPRI Annual Transmission Planning and Modeling Workshop**

November 1-2, 1:00 – 5:00 PM Eastern

This year's seminar will focus on bulk power system load modeling, integrated system planning practices, IBR risk mitigation, and updates on the latest research and activities across the industry.



# TECH TALK ANNOUNCEMENT



## GridEx VII

November 14-15 [Registration](#)

Registration for GridEx VII remains open until September 1 for Lead Planners and Planners. Industry members and government partners are encouraged to have their Planners register to coordinate their organization's planning process and exercise conduct. Lead planners and planners must have [E-ISAC Portal access](#) to register for GridEx VII. Organizations that are not eligible for E-ISAC Portal access can participate in GridEx VII by partnering with E-ISAC members. For questions regarding E-ISAC membership, contact our Membership team at [memberservices@eisac.com](mailto:memberservices@eisac.com).

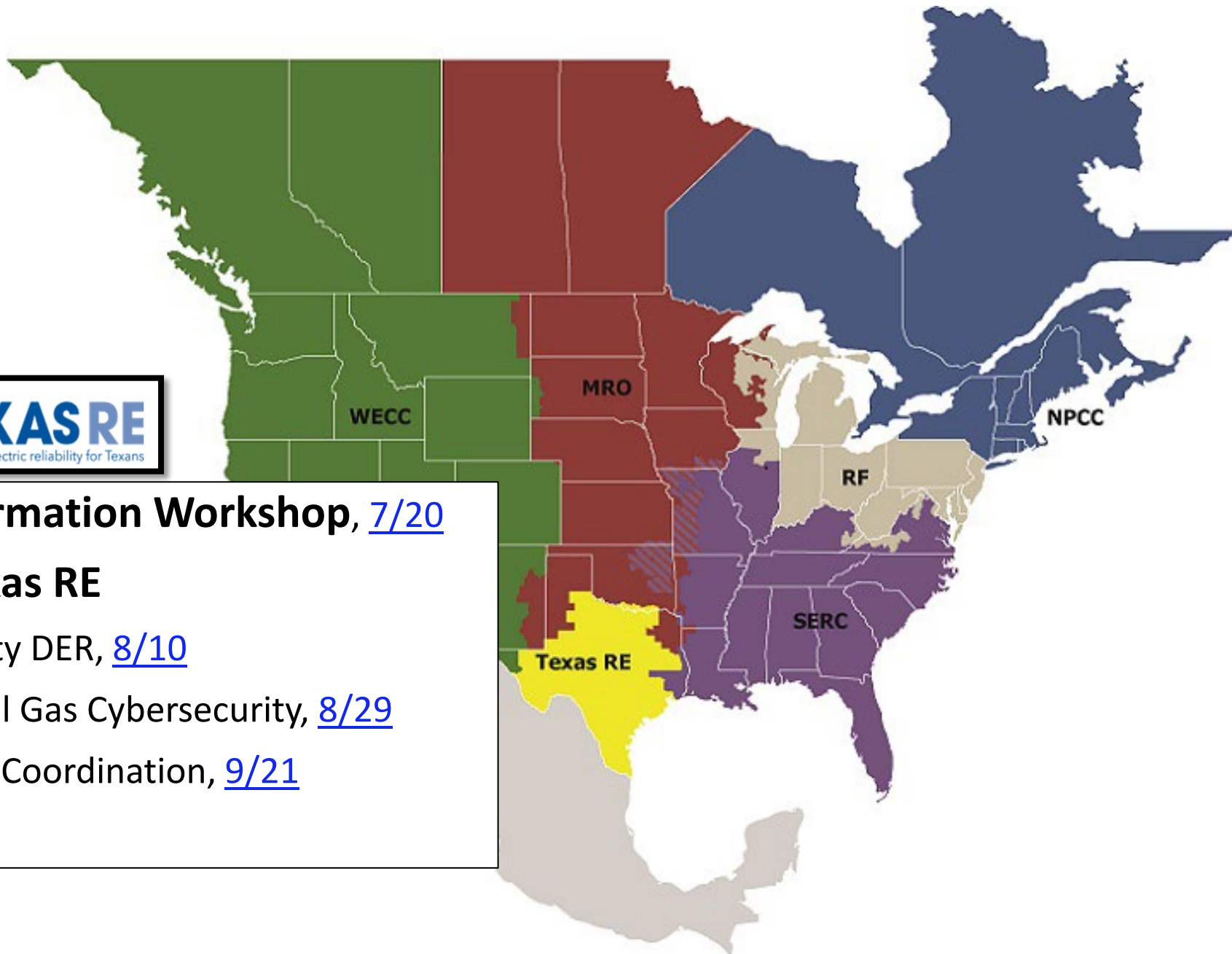




## Grid Transformation Workshop, [7/20](#)

### Talk with Texas RE

- Cybersecurity DER, [8/10](#)
- Oil & Natural Gas Cybersecurity, [8/29](#)
- Electric-Gas Coordination, [9/21](#)





## Reliability and Security Monthly Update

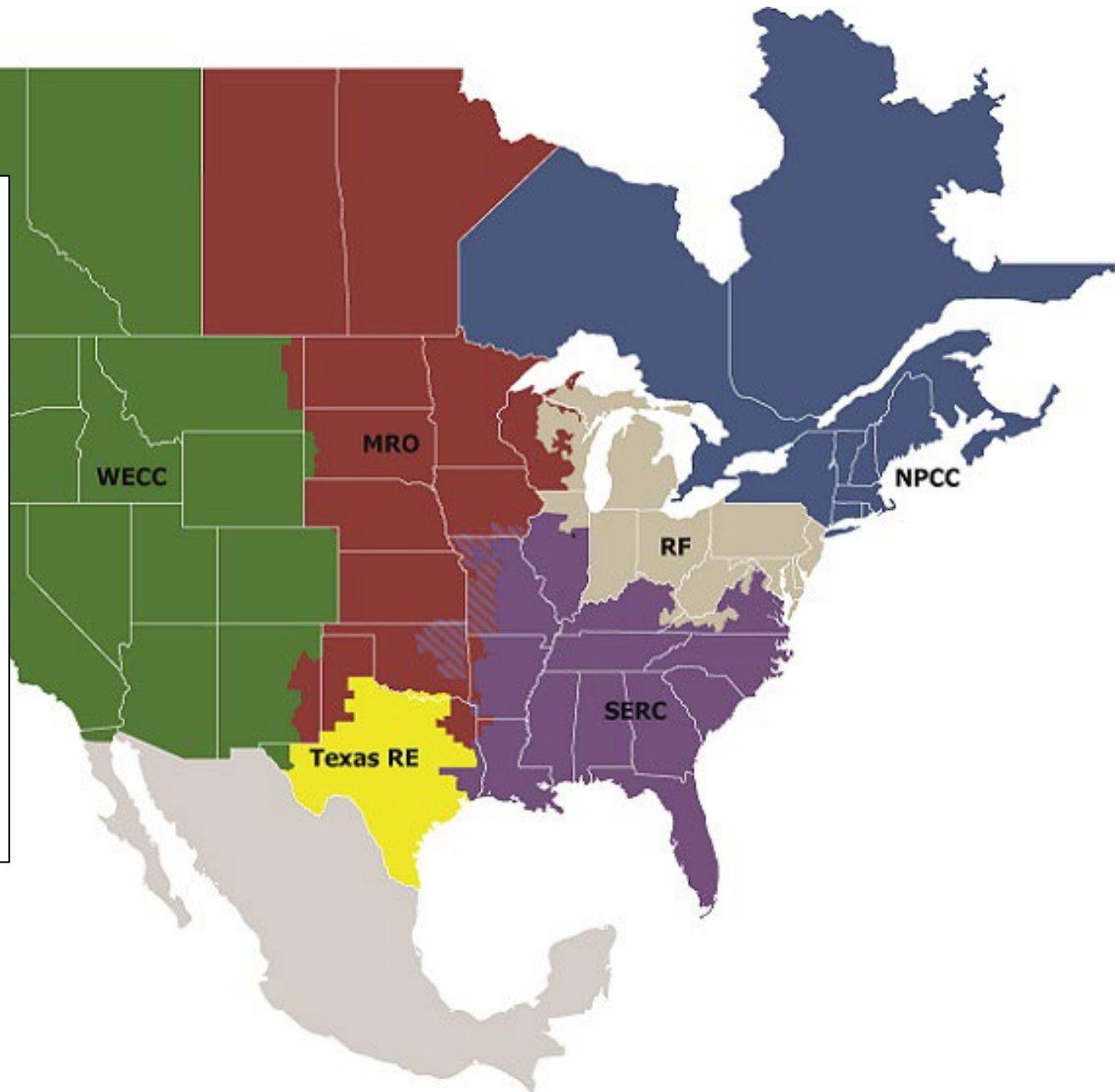
- July 20 ([Link](#))
- Standards/SAR Process

## Resource Adequacy Discussion Series

- Past Webinars ([Link](#))

## Power Systems Security Conference

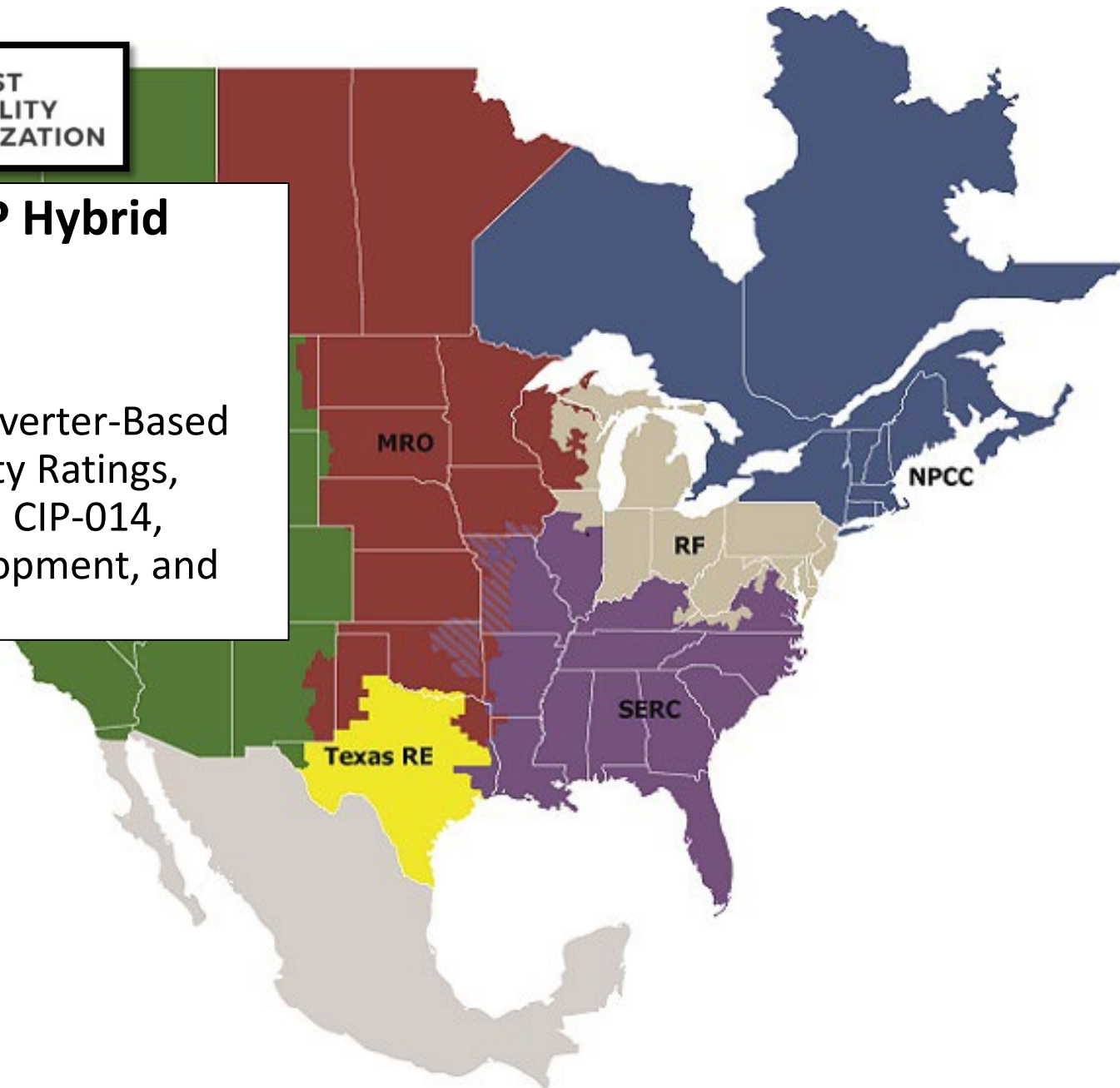
- August 8-10 ([Link](#))

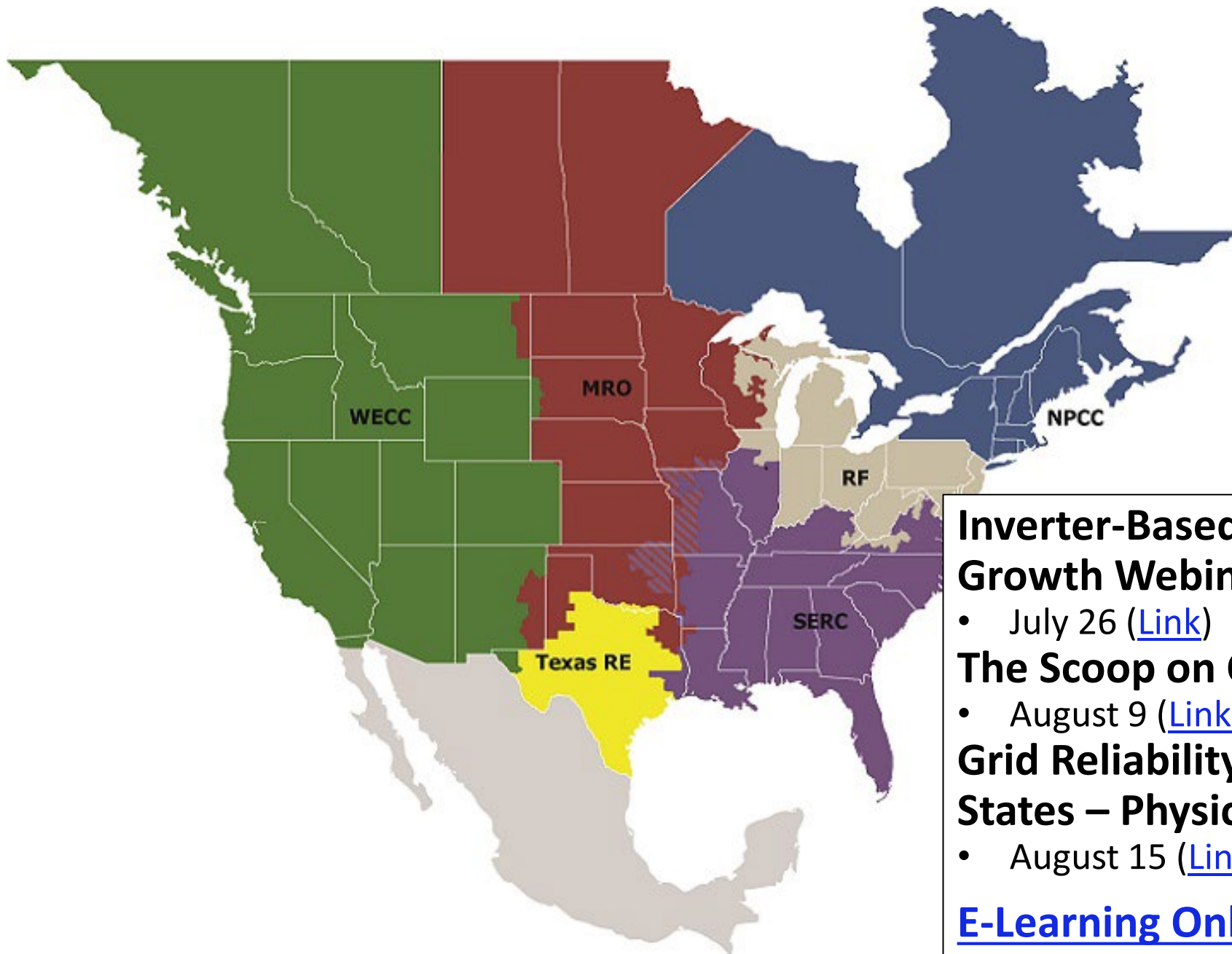




## MRO 2023 CMEP Hybrid Conference

- July 26 ([Link](#))
- Cold-Weather, Inverter-Based Resources, Facility Ratings, Physical Security, CIP-014, Standards Development, and more





## **Inverter-Based Resources Growth Webinar**

- July 26 ([Link](#))

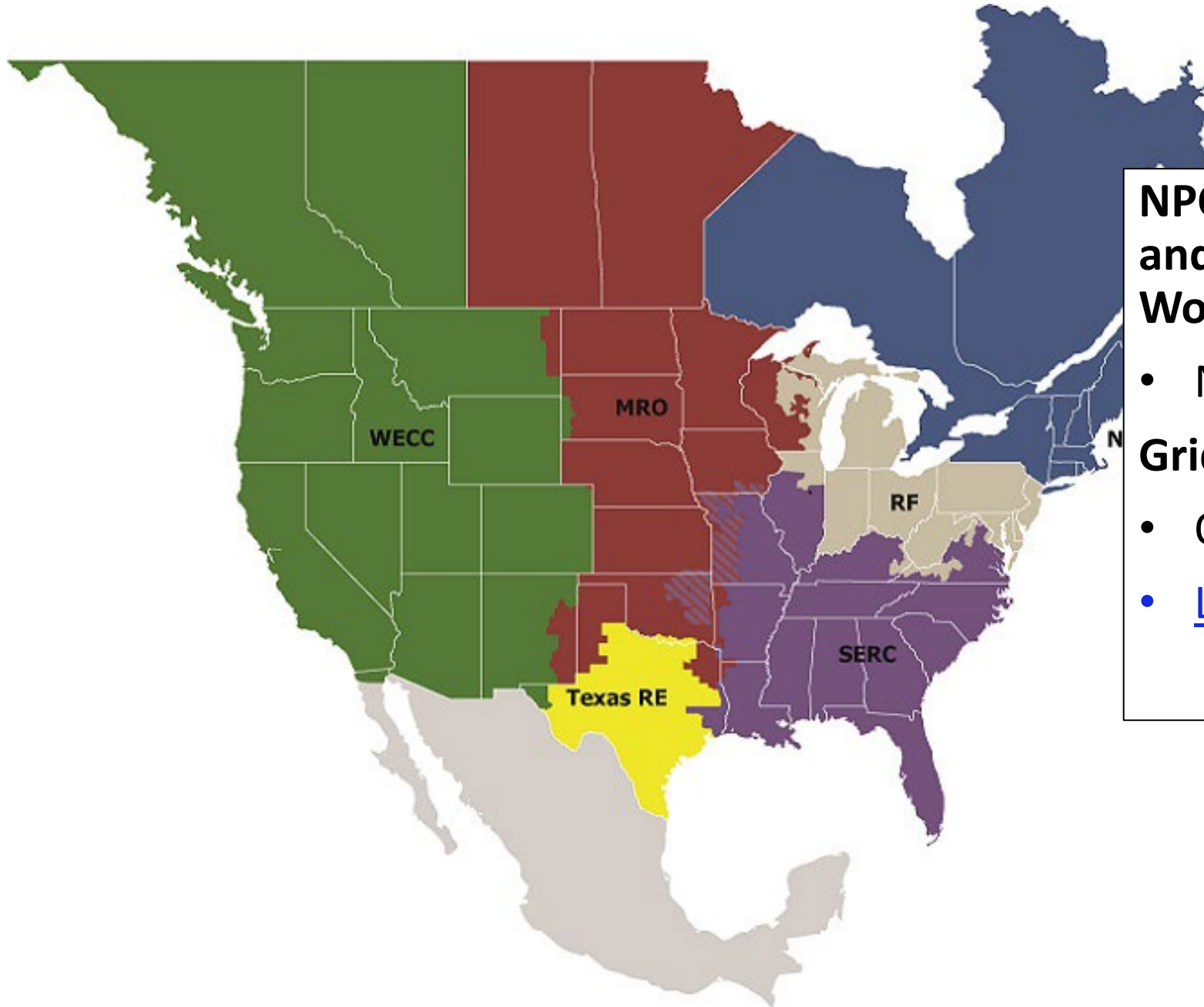
## **The Scoop on Containers**

- August 9 ([Link](#))

## **Grid Reliability Update for States – Physical Security**

- August 15 ([Link](#))

[\*\*E-Learning Online Courses\*\*](#)

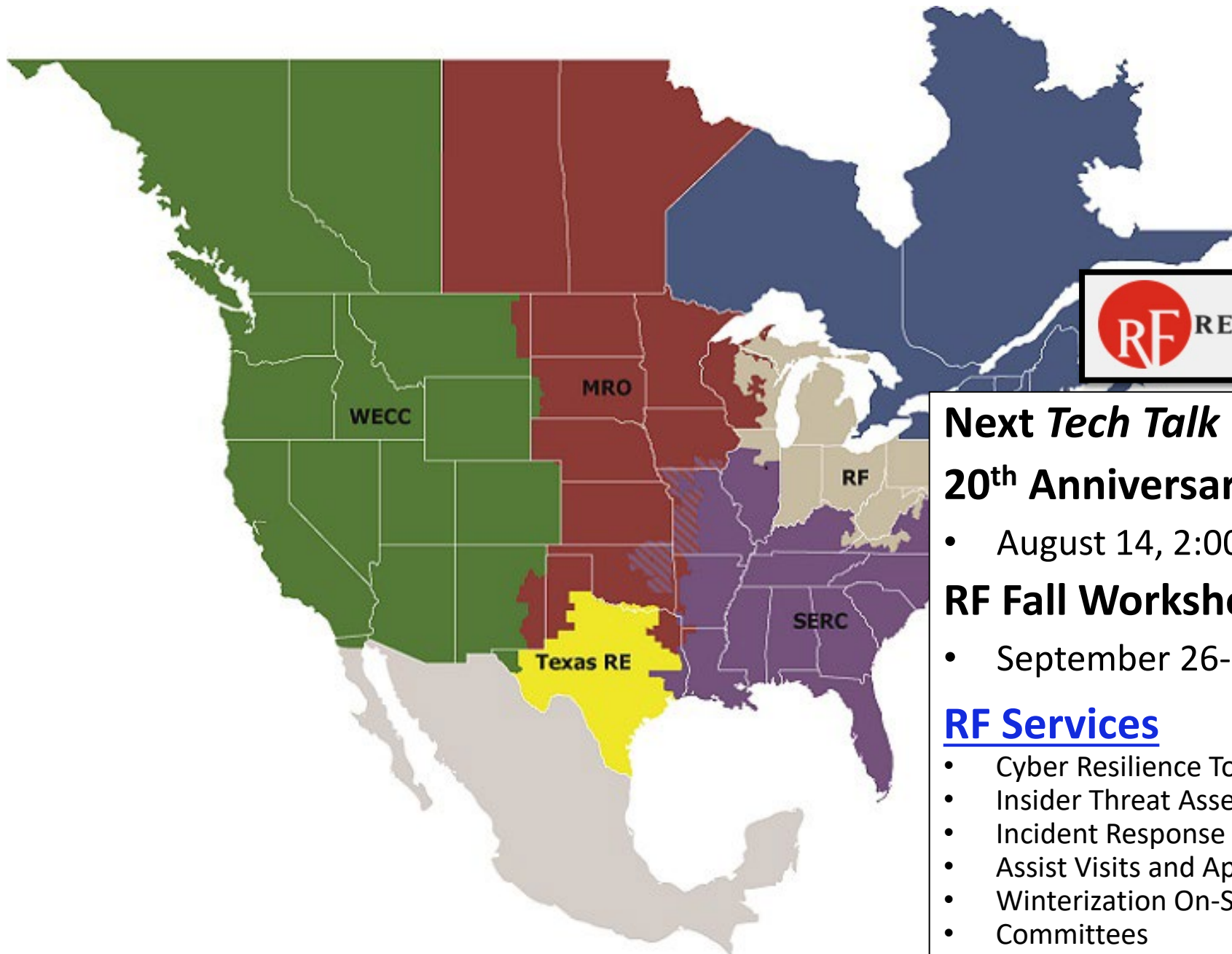


## NPCC Fall Compliance and Reliability Workshop

- November 8 ([Link](#))

## GridSecCon 2023

- October 17-20
- [Link](#)



## **Next *Tech Talk with RF*** **20<sup>th</sup> Anniversary Edition**

- August 14, 2:00 – 3:30 PM ([Link](#))

## **RF Fall Workshop**

- September 26-27 ([Link](#))

## **RF Services**

- Cyber Resilience Tool
- Insider Threat Assessment
- Incident Response Tabletops
- Assist Visits and Appraisals
- Winterization On-Site Visits
- Committees



# ReliabilityFirst Fall Workshop 2023



PUBLIC

Please join us for the 2023 Fall Workshop at the Omni William Penn Hotel in Pittsburgh! On Day One, lunch will be served prior to the start of the workshop, and a reception will follow Tuesday evening. On Day Two, breakfast will be served prior to the start of the workshop and lunch will be served afterward. Please see details below on the topics and speakers planned for the event.

## Day One, Tuesday, Sept. 26, 2023

Topic	Speaker(s)
Welcome	Brian Thiry, Director of External Affairs and Entity Engagement, ReliabilityFirst
Working Together with State Public Utility Commissions amid the Great Energy Transition	Commissioner Stephen DeFrank, Vice Chairman, Pennsylvania Public Utility Commission
Human Performance in the Energy Industry	Lesley Evancho, Chief Human Resources Officer, EQT and Independent Director, RF Board of Directors
Securing in Small Bytes: Tactically Addressing Cybersecurity in Critical Infrastructure	Matthew E. Luallen, Lead Research Scientist, Information Trust Institute at the University of Illinois, Urbana-Champaign
Parallels and Interdependencies between the Water and Electric Industries	Justin Ladner, President, Pennsylvania American Water
Panel Discussion: Electric Grid Interdependencies with State Government, Natural Gas, Cybersecurity and Water Industries	Host: Kevin Walker, President and CEO, Duquesne Light Holdings, Inc. Panelists: <ul style="list-style-type: none"> <li>• Commissioner Stephen DeFrank, PA PUC</li> <li>• Lesley Evancho, EQT</li> <li>• Matt Luallen, UIUC</li> <li>• Justin Ladner, Pennsylvania American Water</li> </ul>

## Day Two, Wednesday, Sept. 27, 2023

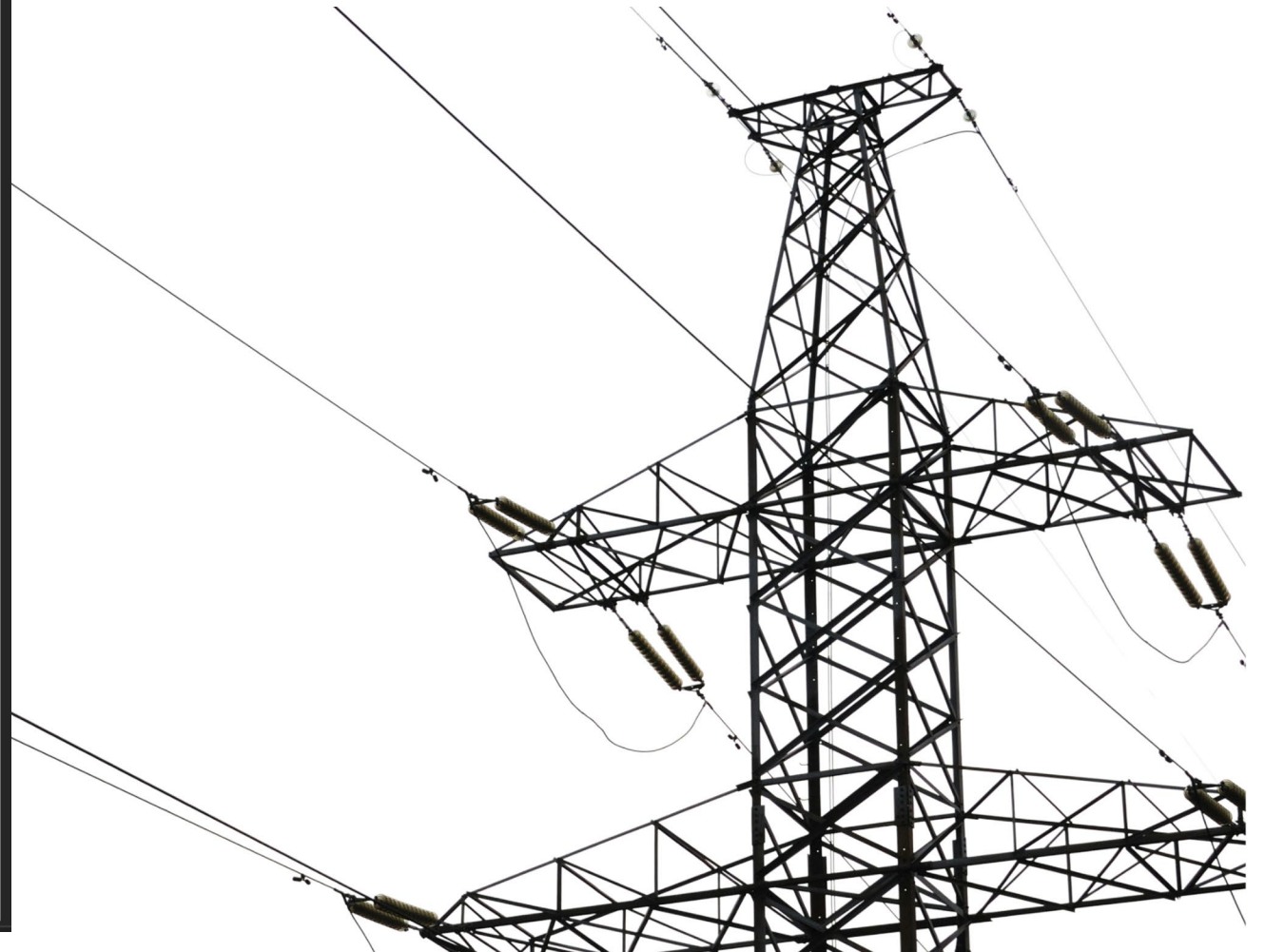
Topic	Speaker(s)
Welcome	Brian Thiry, Director of External Affairs and Entity Engagement, ReliabilityFirst
Federal Energy Regulatory Commission (FERC) Notice of Proposed Rulemaking (NOPR) Updates	Kal Ayoub, Critical Infrastructure and Resilience Advisor to the Chairman, FERC
Updates on NERC Projects	Latrice Harkness, Director of Standards Development, NERC
The Journey to Building a Successful Internal Controls Program	Talen Energy & DTE Energy
Noncompliance Trends	Max Reisinger, Senior Counsel, ReliabilityFirst
CMEP Updates	RF Staff



## Register Today!

# Sept 26-27 Omni William Penn, Pittsburgh, PA

[Eventbrite Link](#)



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# TECH TALK REMINDER

*Tech Talk with RF* announcements are posted on our calendar on [www.rfirst.org](http://www.rfirst.org) under UPCOMING EVENTS



UPCOMING EVENTS [VIEW ALL](#)

July 17, 2023

Technical Talk with RF

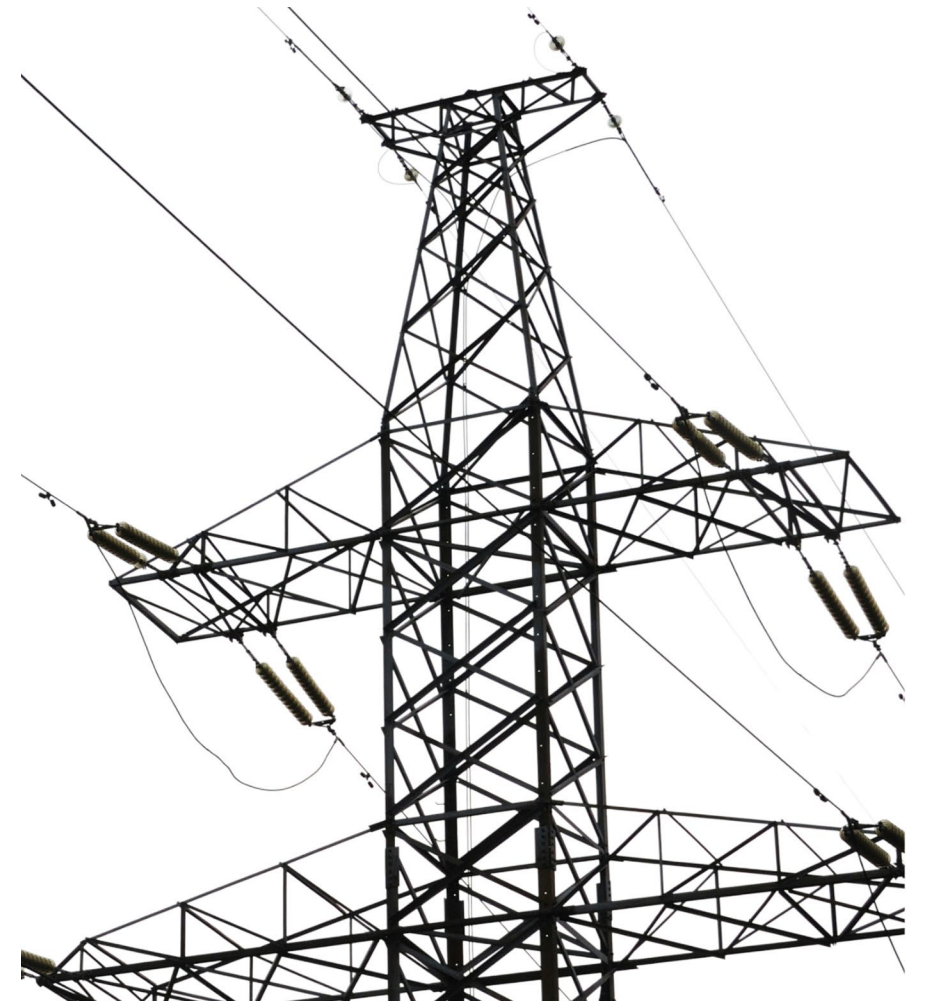
CLICK HERE



# Anti-Trust Statement

It is ReliabilityFirst'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 which violates, or which 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 ReliabilityFirst participant and employee who may in any way affect ReliabilityFirst's compliance with the antitrust laws to carry out this policy.



# AGENDA

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## *CHRISTMAS IN JULY*

### **LEVEL 3 NERC ALERT - COLD WEATHER PREPARATIONS FOR EXTREME EVENTS**

- DARRELL MOORE, NERC

### **COLD WEATHER AUDIT APPROACHES**

- ASH CHAPPELL, RF

### **RF WINTERIZATION PROGRAM**

- JOSEPH JAGODNIK, RF

### **GENERATOR SITE VISIT**

- COLLEEN DOLAN & NICK POLUCH, TALEN ENERGY

# QUESTIONS & ANSWERS

FORWARD TOGETHER  RELIABILITYFIRST

