

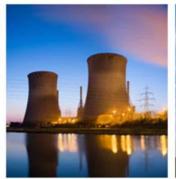
# SMWG Update

Clifton Black, Chair, Southern Company NASPI Meeting

April 16, 2025

#### RELIABILITY | RESILIENCE | SECURITY









#### **Work Item Updates**



- NERC SWG CIP Implementation Guidance Document
  - Goal: High level guidance for practical scenarios of interest
  - Gleaning insights from various entities regarding CIP implementation considerations/criteria/procedures
- Addition of Oscillation as a new category in RCIS
- Roadmap for Operations Use of Synchrophasor
  - (Status | Challenges | Solutions) Under development
  - Will work with NASPI CRSTT on single NERC Document
- PMU Data Accuracy Maintenance Manual
  - Under development
- Role-Based Synchrophasor Training (Collab. with NASPI)



## **Announcement / Call / Meetings**

- SMWG Vice Chair Role has been filled
  - Kat Sico (Duke Energy)
- Call for Oscillation Events
  - Especially IBR related events
- SMWG April 2025, Meeting Hybrid (Upcoming)
  - Date: Thursday, April 17, 2025
  - Venue: MISO, Eagan Office
    - North Region Operations Center, 2985 Ames Crossing Road, Eagan MN 55121



### Thursday's Meeting Agenda

#### Agenda

Synchronized Measurement Working Group

April 17, 2025 | 8:00 a.m. - 5:00 p.m. Central

In-Person Attendance:

North Region Operations Center

2985 Ames Crossing Road

Eagan, MN 55121

WebEx

Meeting Link: Join meeting

Meeting number (access code): 2300 051 3765

Meeting password: Ppd53h93Sj8

Agenda Items				
Time	Topic	Point of Contact		
8:00 AM	Breakfast			
8:30 AM	NERC Antitrust Compliance Guidelines, Public Meeting Notice, Participant Conduct Policy, Introductions, and Safety Briefing.	All		
8:40 AM	Opening Remarks Perspectives and updates from NERC SMWG leadership.	Chair C. Black, SOCO Vice Chair, K. Sico, Duke Energy		
8:50 AM	Status Update, Administrative Materials, and the RSTC Outcomes	J. Skeath, NERC		
	Brief update on ongoing or recently closed document comment periods, review of agenda, previous meeting minutes, and outcomes. Announcement of new vice-chair.			
9:00 AM	SMWG Scope (Consensus Action) Update and send for approval of revised 2021 Scope	J. Skeath, NERC		
9:30 AM	FPL's Insights and Strategies for Navigating the Challenges of the Evolving Grid Perspectives and on managing grid reliability	A. Arana, FPL		
9:50 AM	PMU Data Accuracy and Maintenance Manual Update and discussion of content for this work plan product.	C. Black, SOCO		
10:00 AM	Break			
10:15 AM	Resilient Timing Options for the Power Grid Presentation on timing alternatives to GPS	M. Cohen and J. Dunn, MITRE		

Time	Topic	Point of Contact
10:45 AM	Applications of Machine Learning on Real-World PMU Data	N. Yu, UCR
	DOE project summary on wide array of PMU-based applications	
11:30 AM	NERC SWG CIP Implementation Guidance Document	C. Black, SOCO
	Update and team results for the SWG CIP Implementation	
	Guidance document and how SMWG can support or provide	
	technical input.	
12:00 PM	Lunch	
1:00 PM	Roadmap for Operations use of Synchrophasors	C. Black, SOCO
	Update, discussion and task improvement for development of	
	roadmap. Identification as high priority RSTC item.	
1:30 PM	Understanding the Inception of 14.7 Hz Oscillations Emerging	C. Mishra, Dominion
	from a Data Center	
	Presentation of paper on grid oscillations due to new large	
	loads	
2:15 PM	The Case for Periodic Assessment of the Oscillatory	J. Follum, PNNL
	Characteristics of the Eastern Interconnection (EI) and	C. Black, SOCO
	Continuous Monitoring	J.P. Skeath, NERC
	Perspectives and discussion on approach to manage concerns	
	regarding oscillations in evolving grid	
3:00 PM	Break	
3:15 PM	Role-Based Synchrophasor Training	C. Black, SOCO
	Update and presentation of progress for role-based	
	synchrophasor training	
3:45 PM	Oscillation Damping	Y. Liu, UTK
	Presentation on approach to mitigate grid oscillations	
4:15 PM ET	Work Plan and Meeting Updates	J. Skeath, NERC
	Updates and confirmation of red items in future meeting table	C. Black, SOCO
	below.	
5:00 PM	Adjourn	
5:30 PM	Group Dinner (TBA)	

#### **FUTURE MEETINGS:**

Date	Time	Location
April 17, 2025	8:00 AM to 5:00 PM Central Time	MISO Eagan Office, Eagan, MN
July - TBD	TBD	WebEx
September 25	8:00 am - 5:00 PM Local	TBD

Red denotes unconfirmed meetings dates and locations.

RELIABILITY | RESILIENCE | SECURITY

Agenda | Synchronized Measurement Working Group | April 17, 2025





# **Questions and Answers**