

## THE NORTH AMERICAN SYNCHROPHASOR INITIATIVE JOINT TECHNICAL WORKSHOP

### NERC-NASPI Joint Technical Workshop Inverter Based Resource Monitoring and Analysis

Growing penetration of inverter-based resources (IBR), e.g. distributed energy resources, renewable generation, energy storage, and electronically connected loads resulted in new challenges for the reliable electrical grid operation, analysis and control. Based on the investigation of the recent IBR-involved disturbance events it was identified that lack of available high-resolution measurements at multiple inverter-based resources has prevented in-depth event analysis. During the workshop the industry leading experts from several energy companies will present their experience and lessons learned from the recent IBR events, discuss evolving interconnection requirements for IBR monitoring, and new NERC PRC-002-4 and IEEE P2800 interconnection standard for large scale IBRs.

#### Agenda:

Intro (5 min)

- Jeff Dagle

Lessons Learned

- Jonathan Sides (TVA)
- Cameron Kruse (Kaua'i Island Utility Cooperative)
- Julia Hariharan (ERCOT)

Evolving Interconnection Requirements for IBR monitoring

- Jonathan Sides (TVA)
- Cameron Kruse (Kaua'i Island Utility Cooperative)
- Julia Hariharan (ERCOT)

NERC White Paper: Recommended Disturbance Monitoring

- Timothy Fritch (TVA) (NERC SMWG)

New NERC PRC-002-4 and IEEE 2800

- Manish Patel (Southern Company)

Questions & Answers

Closing remarks

- Jeff Dagle

To attend this free webinar, please register at <https://www.naspi.org/node/960>.

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**Wednesday, September 28, 2022**

**10:00 a.m. Pacific / 1:00 p.m. Eastern (2 hr.)**

**Please share with colleagues**

## Meet the Panelist



Jonathan Sides,  
Tennessee Valley  
Authority



Cameron Kruse,  
Kaua'i Island Utility  
Cooperative (KIUC)



Julia Hariharan,  
ERCOT ISO



Tim Fritch,  
Tennessee Valley  
Authority



Manish Patel,  
Southern Company

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