NASPI

THE NORTH AMERICAN SYNCHROPHASOR INITIATIVE
WEBINAR SERIES

Asset Health Monitoring: Value Proposition and Vendor Capabilities

Presenters: Matthew Rhodes (SRP), Jared Bestebreur (SEL), and Neeraj Nayak (EPG)

Following widespread deployment of PMU technology, the NASPI community recognized that synchrophasors can be a valuable tool for monitoring equipment health. A 2015 report (https://www.naspi.org/node/365) documented several examples of engineers tracking unusual measurements back to an equipment problem. In subsequent years, vendors have made significant progress automating asset health monitoring to make it readily available to transmission system owners and operators. This panel will explore the current value proposition for PMU-based asset health monitoring and two commercial tools that offer the capability.

Matthew Rhodes, Principal Engineer of Grid Operations Support at Salt River Project (SRP) will begin the panel by sharing his experience deploying asset health monitoring in the SRP system. His presentation will highlight the value proposition of this PMU application for a transmissions system owner and operator. Representatives from Schweitzer Engineering Laboratories (SEL) and Electric Power Group (EPG) will then provide summaries of their company's tools, success stories, lessons learned, and suggestions for further development. Jared Bestebreur, Senior Product Manager for Synchrowave, will provide the presentation for SEL and Neeraj Nayak, VP of Advanced Applications and Analytics, will present on behalf of EPG.

Matthew Rhodes, SRP   Jared Besebreur, SEL   Neeraj Nayak, EPG

To attend this free webinar, please register at https://www.naspi.org/node/978

Please email naspi@pnnl.gov if you would like to be on our email list. For more information about how you can support NASPI and participate in our face-to-face Work Group meetings please visit www.naspi.org/work-group-meetings.

Wednesday, January 24, 2024
10:00 a.m. Pacific / 1:00 p.m. Eastern (1 hr.)
Please share with colleagues

U.S. DEPARTMENT OF
ENERGY   **Pacific Northwest** NATIONAL LABORATORY   **EPRI** | ELECTRIC POWER RESEARCH INSTITUTE