



NASPI Panel Discussion: Success Stories and Lessons Learned of Utility Synchrophasor Archive and Network Stand-Ups

NASPI WORK GROUP MEETING NOVEMBER 2020

SYNCHROPHASOR SYSTEMS

– HOW DO WE GET THERE?

HOW DO WE GET UP AND RUNNING WITH SYNCHROPHASOR SYSTEMS?

- Standing Up a successful synchrophasor system, from existing infrastructure or the ground up, offers unique challenges in areas such as network architecture, data storage strategies and application governance to name a few.

HOW HAVE OTHERS ACCOMPLISHED THIS?

- What are the success stories of synchrophasor system stand-ups?
- MORE IMPORTANT – What were the failures and lessons learned discovered on the way?

PANELIST: Sherman Chen, PG&E

Sherman Chen is Senior Manager of Operations Systems within Transmission Operations at PG&E. He has 39 years experience in the areas of Transmission & Distribution Planning, Transmission Operational Technology, Power Generation, and Energy Trading.



PANELIST: Tony Faris, BPA

Tony Faris has worked for Bonneville Power Administration since 2004 and is presently leading R&D efforts in Synchrophasor technology, including application development, PMU testing, and Synchrophasor data analysis. He received a BS degree from the University of Portland in 2004, and an MS from the University of Washington in 2006.



PANELIST: Kevin Jones, Dominion

Kevin D. Jones received his Ph.D. in Electrical Engineering from Virginia Tech as a Harry Lynde Bradley Fellow in 2013. He created and then helped commercialize the open source linear state estimator and has led the development and integration of a variety of innovative technology solutions in his role at Dominion Energy Power Delivery, Electric Transmission including the cloud deployment of PredictiveGrid for synchrophasor analytics. He currently serves as Manager of ET Operations Engineering Support leading the Fault Analysis, Data Communication, Data Engineering, Data Analytics, Special Studies, and Web Development teams



PANELIST: David Schooley, ComEd

David C. Schooley is a Principal Engineer in the Transmission Strategy department at Exelon Utilities. His job responsibilities over 22 years at ComEd, now Exelon Utilities, have included work in transmission operations, where he was involved in demand side management, load forecasting, and the implementation of real-time visualization of the transmission system in ComEd's control room. He currently works in ComEd's Transmission Planning department where he is primarily involved with dynamic modeling and simulation of the transmission system and serves on multiple NERC subcommittees and task forces. David is the Exelon lead for PMU deployment and applications.

