Session 4: Role and Use Cases of Real Time Simulators (RTS) Towards Advancing and Deploying Synchrophasor Based Wide Area Monitoring Protection and Control (WAMPAC) Systems

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Panel Topic

- Phasor Measurement Units (PMUs) providing synchrophasor measurements & Wide Area Monitoring, Protection and Control (WAMPAC) systems are being widely deployed in power systems worldwide
- Valuable to observe the power system dynamics in the control room and provide advanced situational awareness and dynamic security assessment
- Utilities and research organizations are establishing advanced laboratory facilities to create, model and test new technologies for power systems including WAMPAC systems
- Real time simulators (RTS) are a critical component of these facilities and are expected to benefit and accelerate the advancement and deployment of WAMPAC systems
- Vendors are advancing the capabilities and features of RTS

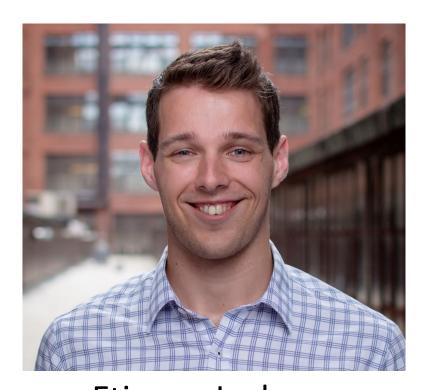
The panel will discuss the role of RTS in advancing and deployment of WAMPAC systems, and will provide example use cases from representative vendors and utilities

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Panelists



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