

Next Generation Network (NGN) Webinars



Mobile Energy Storage Systems for Reliability, Resiliency and Electrification Challenges

Summary

In recent years, the energy industry has shifted its focus towards cleaner energy alternatives to address the needs of a significantly growing electrified demand while dealing with reliability challenges rising from climate change and aging infrastructure. Several utilities have initiated their efforts in exploring mobile energy storage systems as an innovative and clean alternative to replace their diesel generators used widely for managing distribution system maintenance as well as weather-related outages. A mobile energy storage provides flexibility of relocation to accommodate several applications that are season-specific and location-specific.

This session focuses on the current state of technology and its use cases, observations from technology implementation and operation and the roadmap towards broader integration into utility asset portfolio as a commercial solution. Use cases such as planned and un-planned outages, seasonal load management and mobile EV Charging for flexible charging infrastructure will be discussed. The session concludes on the industry outlook and technology trend towards the goals of decarbonization, electrification and reliability/resiliency improvement.

Speaker

Shadi Chuangpishit is a director of emerging technologies & solution integration with Quanta Technology. She has over 10 years of industry experience in power systems and renewable energy integration. In recent years, her main focus has been developing grid-edge solutions for improved reliability and resiliency of energy supply for utilities and commercial/industrial customers as well as in support of electrification projects. Her engagement with industrial and utility projects includes energy storage system and Microgrid design and integration, DERMS technology assessment, charge management system and aggregator implementation. She is the Vice Chair of IEEE Industry Connections Activity "Mobile and Transportable Energy Storage Systems – Technology Readiness, Safety and Operation."

Links & Information

Tuesday, February 20, 2024
11 am CST | 12 pm EST

Duration: 1 hour

[Register Here](#)



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