IEEE PES WEBINAR SERIES

Title:
Applying Smart Metering and Smart Grid to Improve Outage Management – Case Studies and Lessons Learned

Abstract:
Outage management and reliability benefits have been part of the Advanced Metering Infrastructure business case for most utilities. Are utilities realizing these benefits? How do utilities achieve them? What are the lessons learned? Should you expect the same level of benefits if you are planning an AMI system now? Can the benefits be further enhanced by exploiting the synergy with Smart Grid implementations such as advanced Distribution Automation and Distribution Management System applications? The webinar discusses these questions by looking into various elements of a successful implementation through utility case studies: technical and integration designs, data availability and data quality, operation process alignment, and change management.

Biographies:
Hahn Tram, SM, IEEE, is VP of Enterprise at Quanta Technology. He has helped a good number of utilities successfully develop and implement AMI, Smart Grid, and Demand Response as well as scores of Distribution and Outage Management Systems. Most recent projects includes BC Hydro (DA and Distribution Grid Operations Strategy), Hydro One (smart grid, DMS), Snohomish County PUD (DMS), and Madison Gas & Electric (DMS/OMS), and Tallahassee Utilities (AMI/MDM). A member of the DistribuTECH Advisory Committee and Utilimetrics, Hahn is a frequent instructor in conferences and Penn State University's Advanced School of Power Engineering (outage management, Smart Grid engineering and operations). He has BSEE and MSEE from Texas A&M University.

Lisa Hahn, a Principal Advisor and Project Manager at Quanta Technology, has extensive experience in improving customer services, outage management, operations and maintenance, and asset management. She is currently the PM for Madison Gas & Electric's DMS/OMS project. Prior to Quanta, Lisa worked at Alliant Energy for 18 years where she led the AMI change management for a 640,000 electric and gas meter deployment and led the business support team which implemented and supported Energy Delivery Operations applications including GIS, DMS/OMS, SCADA, WMS, and Meter Reading systems. Lisa has an MBA in Management and a BA in Computer Science, and is an Alliant Energy Certified Lean Six Sigma Black Belt.