“Cyber Security in a Smart Grid & Power Delivery Network”

Presented by

Ronald Katzman Jr.
Director, Strategy & Operations, at SME Solutions Group

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1 W. Packer Avenue, Bethlehem, PA 18015

Abstract: Over the past 10 years there has been tremendous growth of Smart Grid networks and Smart Meter implementations both in North America and worldwide. There are over 60 million Smart Meters currently installed in the United States alone, and forecasts expect that number to continue to climb. These installations and the modern technology implemented has created many advanced opportunities for grid management and customer benefits, but have also introduced many new challenges to operate these new technologies effectively and efficiently. One area that has risen to prominence is Security and Cyber Security in a Smart Grid environment. During this presentation, we will review the driver of a large scale Smart Grid network and Smart Meter implementation, some core benefits, as well as review security standards, key vulnerabilities, and provide guidance on best approaches to manage Security/Cyber Security in a Smart Grid ecosystem. In addition we will review common threats and needed vigilance to maintain an appropriate security posture.

Bio: Mr. Katzman has over 25 years of experience in various industries including Manufacturing, Financial Services, Private Equity and Energy/Utilities. He currently serves as Director, Strategy & Operations for SME Solutions Group, a multi-service consulting firm. He specializes in Executive Strategy, Process Excellence, Smart Grid and Data Analytics fields. Prior to re-joining the Consulting field in May 2016, he held the position of Manager, Advanced Grid Technology and Operations at PECO Energy in Philadelphia. There from 2008 to 2016, he led several aspects of PECO’s Smart Grid Program, including AMI Business Architect Leader where he led the business process design and technical implementation, as well as Smart Grid Operations Manager where he oversaw the Smart Grid network and managed the 2.3 million electric and gas smart meters. This role also involved oversite of the Smart Grid for Distribution Automation, enabling wireless communications to grid endpoints including reclosers, FCI’s and capacitor banks. Previous to PECO Energy, he was Chief Technology Officer for CMS Companies, a small private equity firm outside of Philadelphia, as well as spent almost 10 years at General Electric in various strategic and Leadership roles. He is a certified Six Sigma Quality Blackbelt, and was selected as a QlikView Luminary in 2014 for innovation with interactive dashboards in the Utility industry. Ron holds a B.S. in Industrial Engineering from Lehigh University and an MBA from the University of Utah.