



“Reinventing & Transforming the Energy System”
Alder Commons Hall Auditorium
at the University of Washington
April 4-5, 2018

Speaker: Dr. Avnaesh Jayantilal, Product Director, GE

Title: The Digital Utility Evolution: Supporting the DER Ecosystem with ADMS and DERMS



Abstract: As the electric power distribution industry enters the era of Grid Modernization, many utilities are deploying new technologies to improve crew safety, enhance grid reliability and operational efficiency, and improve customer satisfaction. As customers and utilities deploy distributed energy resources (DERs), these create unique challenges for electric utilities that impact traditional investment and operational paradigms. To engage in solutions that proactively meet these new challenges GE and our customers have embraced the notion of the **Digital Utility** to help guide the transformation of these challenges into opportunities. This presentation will provide an overview of these challenges, and the deployment of advanced technologies and solutions to accomplish the Digital Utility Transformation.

Bio: Dr. Avnaesh Jayantilal is Product Director for the GE Distribution and Grid Modernization product line, assisting electric utilities in enhancing grid operations and reliability, safety, business process optimization and customer satisfaction. He joined GE (then Alstom) in 1999, and received his Masters and PhD degrees in Electrical Power Engineering from the University of Manchester Institute of Science and Technology (UMIST). He is a Senior Member of the IEEE Power and Energy Society (PES), in which he chairs the IEEE PES Distribution System Operations and Planning subcommittee.