



**TECH TALK**  
**SIEMENS**

## “Digitizing the Modern Energy Grid: The Pressing Need for a Paradigm Shift.”

**Kamyar Moghadam (Senior Engineer and SmartGrid Business Development Manager, Siemens)**

### Speaker Bio

**Kamyar Javan Moghadam** is the head of proposals and application engineering team in Siemens Energy Automation Business Unit. He is also SmartGrid Business Development Manager. He earned his electronic engineering degree from the University of Science and Technology in Tehran-Iran in 1999. After graduation Kamyar worked with different EPCs in power transmission and distribution automation field as design/commissioning engineer, site manager and project manager. He joined Siemens in 2005. Upon joining Siemens he successfully finished several projects in different countries such as Canada, UAE, Qatar, Bahrain, Iran and Oman. With over 13 years of experience in the Energy Automation field, Kamyar’s main focus is Siemens’ SmartGrid and Energy Automation projects in Canada.



### **Abstract**



Digitizing modern grids means optimally combining the communication technologies in the power delivery to the best possible extent to make an electrical grid perform to its maximum. Digitization of electric grids can help resolve some major challenges to improve Energy efficiency, cost effectiveness and to create a resilient self healing grid

This presentation will focus on the advantages of digitizing the secondary side of the electric grid and identify some aspects of modern grids and trends that the power distribution industry is moving towards.