

## **Presentation # 3**

**Presenter:** Shawn Otal, METSCO

**Title:** A Roadmap of Anticipated Customer Load

### **Abstract**

Electric energy usage pattern is undergoing a gradual and continuous change in response to a multitude of factors that include ongoing change in macroeconomic conditions, technological developments and environmental and climatic changes. This presentation will provide a glimpse into the findings of a recent R&D initiative commissioned by CEATI to develop a roadmap of the likely scenarios of end-use consumption of electricity in North America over the next 25 years. The findings of this R&D project are intended to serve as a tool to facilitate proper planning for the future generation, transmission, and distribution facilities of electricity. Anticipated impacts of evolving loads, distributed generation, energy conservation and demand response initiatives on residential, industrial and commercial customers' consumption and resulting load shapes will be discussed.