

# Realize Operational Reductions through Electric Energy Efficiency

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**DATE AND TIME** Wednesday, 24 February 2010 / 1PM-2PM & 215PM-315PM

**SPEAKER(S)** Craig Burgi  
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## **SESSION DESCRIPTION**

*Get some bright ideas when this session explains how to target big ticket electric energy efficiencies that result in operational reductions and wiser use of utility resources.*

Burgi defined energy conservation as the planned management of natural resources, not as the sacrifice of comfort in order to save energy. The most practical way to save energy is through building science: improper insulation accounts for huge energy losses. Burgi pointed out that twenty-five percent of heat loss is due to infiltration of cold air through a gap in the insulation, such as a window. In order to prevent this, Burgi suggested using an infrared camera to view any cold spots in a building that could be covered up to prevent infiltration. It is important to remember the building must perform as a system, and requires the proper pressure boundary to prevent infiltration. Finally, Burgi helped attendees determine the energy hogs in their facilities and suggested eliminating or cutting back on the use of such items in order to cut kilowatt hours.

#### **SESSION LEARNING OBJECTIVES**

- Learn the steps to take to save money and resources at your facility through electric energy efficiency.