

Lilker EMO's Eric Oliver Makes News in Energy Engineering

Introducing the Concept of Continuous Auditing



In a recently published article in the *Journal of the Association of Energy Engineers* (2015, Vol. 112, No.4), Lilker EMO Energy Solutions Managing Director Eric Oliver, a leader in the field of energy management, states the case for a new and more effective type of energy audit. His article, titled “Continuous Auditing— Taking Energy Auditing to the Next Level,” addresses the benefits of going beyond the traditional once-off energy audit to the ongoing and interactive practice of monitoring and analyzing building data in real time over several months to identify energy waste and energy conservation measures (ECMS) that present

over the longer term. This tool—real time monitoring via remote dashboard—can result in 15% to 30% more energy savings than an initial energy audit alone.

Likening continuous auditing to constant biofeedback, Oliver writes:

“Imagine how healthy you would be if you had a team of expert physicians monitoring every joint, muscle, and tendon in your body at all times. You could be playing pickup basketball, shuffle right to guard a player, and feel a twinge in your knee. You keep playing, but when you get to the bench, there’s a text message from your doctor saying, ‘You sprained your knee. Put ice on it and take two aspirin.’ With this kind of attention, you’d be healthier than you’ve been in your whole life.

Now imagine how energy efficient your buildings could be if you had energy experts monitoring every area of energy consumption, in real time, all the time. When an energy spike hits your building, the expert knows exactly where it’s coming from, and calls your engineer to tell him to fix a damper, or turn off a bank of lights, or reset a thermostat. That building would be operating at its peak efficiency, all the time.” [[Click here to read the full article](#)]

Oliver to speak at World Energy Engineering Congress this fall

Lilker EMO’s Eric Oliver will be addressing the 38th [World Energy Engineering Congress](#) (WEEC) at the Orlando Convention Center in Orlando Florida. WEEC is well-recognized as the most important energy event of national and international scope for end users and energy professionals in all areas of the energy field. The conference runs from September 30 to October 2, with Dr. Condoleezza Rice as the featured speaker for the Opening Session on September 30. Oliver will be a speaker in the Energy Management 102 Session, taking place on October 1 from 2:30 to 4:30 pm. His presentation, “Chillers 101”, will discuss the fundamentals of chiller operation, including the vapor compression cycle, different chiller types and cutting-edge energy efficient chiller design and operation.

