

Dayton Power & Light invites you to...

Introduction to Strategic Energy Management and Advanced Lighting Controls

July 17, 2018, Dayton OH



Overview

As one of the founding members of the Ohio Center for Industrial Energy Efficiency, we invite our clients to an energy efficiency workshop covering "Introduction to Strategic Energy Management" and "Advanced Lighting and Controls". Participants attending the workshop will learn:

- Fundamentals and benefits of Strategic Energy Management (SEM);
- The latest improvements in advanced lighting and lighting system controls;
- How to get started.

Strategic Energy Management or SEM incorporates the principles of Lean for continuously improving energy performance at facilities. The morning workshop provides key concepts of Strategic Energy Management and how SEM provides a holistic approach to facilitate a culture of continuous energy performance improvement at your site that will generate long term energy savings, reduce capital and enhance system and equipment performance.

The afternoon workshop will review the current developments in the field of advanced lighting, particularly the newest approaches to lighting system controls. The combination of newer lighting products with advanced computer-based controls provide companies with powerful tools to reduce the operating costs of their lighting systems while providing improved lighting quality.

These sessions will benefit site management personnel, decision makers, and all site energy champions to foster best practices for SEM and advanced lighting systems and controls. The workshop will feature examples of how other sites are incorporating these approaches into their culture hurdles to drive actions for efficiency and cost reduction.

Instructors

Mr. Chandan Rao, PE, President – Graphet Data Mining

Mr. Rao has over 30 years of experience in developing energy management strategies and best practices for industry and institutions. His expertise is in facilitating energy teams, establishing standards, and providing technical analysis for complex systems. Drawing on the principles of continuous improvement and organizational change, Mr. Rao integrates Lean, six-sigma and related methods to empower efficiency programs. He has worked with over 300 mid to large commercial and industrial sites to develop and implement plans and track performance.

Mr. Wesley Whited, Senior Consultant, Advanced Lighting and Controls, DNV GL Energy

Wesley Whited has more than seven years of experience in the commercial lighting markets, with professional experience in utility program design, new business development, technical problem solving and project management. Mr. Whited has overseen the specification and implementation of many large scale, complex commercial lighting and controls projects, is a passionate advocate for advancements taking place in the lighting industry and has presented on behalf of DNV GL at multiple conferences and utility events. Mr. Whited joined DNV GL in January 2017 and manages all technical inquiries related to networked lighting and controls. He is a graduate of West Virginia University and holds an MBA from Capital University in Columbus, OH.

Agenda

8:00 – 8:30 Registration

8:30 – 12:00 Introduction to Strategic Energy Management

- Introduction to Strategic Energy Management (SEM)
 - What is SEM? How is it different from implementing energy efficiency projects?
 - What are the benefits of SEM?
- Critical Elements of SEM
 - People – who needs to participate for successful SEM?
 - Process – what SEM process is right for my company?
 - Technology – what tools are needed for SEM?
- Benefits of SEM
 - Best practices for driving energy efficiency
 - Effective use of site data for understanding energy performance
 - Making system and equipment decisions
- Getting Started with SEM

12:00 Lunch

12:45 to 1:00 Ohio's Energy Efficiency Programs – Dr. Manny Anunike

1:00 to 4:00 Advanced Lighting and Controls

- Introduction and Lighting Market Overview
- Overview of Control Strategies
 - Traditional vs State-of-the-art Control
- Energy and Non-energy Benefits of Advanced Controls
- In Depth view of a Networked Control System

Location

**University of Dayton
Daniel J Curran Place
1700 S. Patterson Blvd.
Dayton, Ohio 45409**

Registration

There is no fee for this workshop, but preregistration is required. Attendance limited to 40.
Online Registration: <https://www.energymeetings.com/event-registration?EventID=6151>

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