

ILLUMINATING ENGINEERING SOCIETY
MISSION SECTION

"The New Title-24"

Tuesday - September 17, 2013 6:00 to 8:30 PM
The Marmalade Cafe

Program

The New Title 24

The State of California has completely revised the Title 24 Part 6 Energy Code, which will be enforced for any building permitted after January 1, 2014. The Lighting sections of the code incorporate some requirements already seen in other Energy Codes, but many unique and revolutionary changes have been added which will challenge Lighting Professionals doing work in California. With so many changes in the code, it's important to understand the specifics of each change and its effect on a project's design.

This session will:

Cover the Drivers for the Title 24 Energy Code

Review the Mandatory Control requirements for:

Interior Lighting, Exterior Lighting, and Power (§ 130.0-130.5)

Review changes in the Interior Lighting Power requirements (§140.6)

Review Residential Lighting Requirements (§150.0)

Speaker



Charles Knuffke
Western Regional Manager, Watt Stopper

For the past 25 years, Charles has worked with engineers, contractors, distributors and owners to design, specify, and start up Lighting Control Systems for almost every kind of Commercial and Industrial project. The products have run the gamut from simple standalone occupancy sensors to networked Lighting Control Systems for multi-building campuses. After the systems have been installed, Charles has spent thousands of hours working with the facility engineers ensuring that they are educated on their new systems and are using them to their fullest capabilities.

Charles is Watt Stopper's Western Regional Vice President, overseeing all sales activity in the Western Coastal states, and managing five dedicated district managers and sales specialists. Before that, he was the company's Western Technical Manager, working extensively on complex projects involving motion detectors, relay panels, daylighting



IES Mission

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San Luis Obispo Counties

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Upcoming Events

October 23-24, 2013
LightShowWest
LA Convention Center

October 27-29, 2013
IES Annual Conference
Huntington Beach, CA

June 3-5 2014
[Lightfair 2014](#)
Las Vegas

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controls, and integration. Charles has also attended uncounted California Energy Commission meetings during the development of the various Title 24 Energy Codes to provide real world insight to the policy makers and act as an ombudsman for his customers.

Most of all, Charles considers himself an educator, and greatly enjoys presenting to groups interested in Lighting Control technologies as well as those needing to understand the nuances of the various energy codes.

Education:
Bachelor of Science, Mechanical Engineering, RPI, 1985
Member IESNA

Information

Cost: \$35 Members, Guests

Date: Tuesday, September 17, 2013

6:00 - 6:30 Greetings

Time: 6:30 - 7:15 Dinner

7:15 - 8:30 Presentation

Marmalade Café

Where: 3825 State St # E149, La Cumbre Plaza,
Santa Barbara, CA 93105-5153
(805) 682-5246

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