



LED UTILITY OUTDOOR LIGHTING WORKSHOP

Sponsored by: The Raleigh Section of the Illuminating Engineering Society (IES)

When: April 14, 2010; 9 AM to 4 PM

Where: Progress Energy W. Raleigh Operations Center,
7001 Pinecrest Road, Raleigh, NC 27613,
2nd floor conference room

Who should attend: Personnel with investor owned utilities, municipal street light systems, Electric Co- ops, DOTs, Utility Commissions, roadway lighting designers and others that support these groups.

A few of the topics that will be covered:

- LED efficiency – truth or myth – how does it work?
- How to design an LED utility rate, change- out policy and associated support docs
- LED utility hardware specifications checklist
- LEDs – health, color preference, IDA and more
- Heat, calculations, photometrics and warranty
- Vendor table top exhibits during networking lunch
- Utilities commission expectations and more!

Lunch, snacks, and seminar materials will be provided.

Over the past fifteen months, Progress Energy Carolinas has been engaged in the investigation, testing, planning, development, approval (company and regulators), and training/roll-out of LED leased lighting. This workshop, sponsored by the Raleigh Section of the Illuminating Engineering Society (IES) will take you “behind the scenes” where PEC and other personnel will share their challenges, barriers to entry, solutions and more. The topics include: an out-of-the box rate concept, change-out policies, LED specifications, luminaires selected for the introduction and more. It is hoped that the sharing of this information will “ease the pain” and provide ideas and assistance for other utilities that may be interested in adding LED lighting to their utility area and street light offerings.

Nearby lodging:

Days Inn:
1.55mi, 919.782.8650
Hampton Inn:
1.91mi, 919.782.1112
Econolodge:
2.35mi, 919.782.3201
Homestead:
2.62mi, 919.510.8551
Embassy Suites:
3.37mi, 881.0000
Marriott:
3.66mi, 919.781.7000
Candlewood Suites:
3.83mi, 800.770.5675

ENROLL NOW! SPACE IS LIMITED TO 40 SEATS & 25 WEBINAR SLOTS.

LEAD INSTRUCTOR: BOB HENDERSON, LC, CLEP

WORKSHOP OR WEBINAR FEE: \$250

**6 HOURS OF INSTRUCTION – CEUs FOR LC, ENGINEERS, ARCHITECTS,
INTERIOR DESIGNERS (SELF REPORTING)**

LED Utility Outdoor Lighting Workshop

April 14, 2010

Registration Form

I will (check one) Attend Seminar Connect to Webinar

Attendee Name: _____

Company Name: _____

Address: _____

City/ State: _____ Zip: _____

Phone: _____ Fax: _____

Email address: _____

\$250 Fee Included (Y/N): _____; IES Member (Y/N) _____

Make Checks payable to: **IES Raleigh**. Sorry, no credit cards. Mail registration and payments to:

Leah Robinson, PE, LC
Vice President/Education Committee Chair
c/o Affiliated Engineers, Inc
1414 Raleigh Road, Suite 305
Chapel Hill, NC 27517
lrobinson@aeieng.com

You will receive an E-mail confirming your registration with other workshop info.

----- Detach Here -----

About the Lead Instructor:

Bob Henderson, LC, CLEP, IES

Bob has 30 years of lighting design and application experience. He has earned four IESNA design awards for indoor and outdoor lighting. Past projects include the relighting of the North Carolina State Capitol, NC Governor's Press Room and the WRAL-TV Newsroom. Bob is the past principal instructor of CP&L's Lighting Lab & Seminars and is currently serving as Chair of the LC Test Committee for National Council for the Qualifications of Lighting Professionals (NCQLP). Bob is employed by Progress Energy as a Technical Lighting Consultant.

