

BCEA & IES

Advanced Lighting Seminar

Tuesday, November 17, 2015

Quails' Gate

3303 Boucherie Road, Kelowna, BC

8:00 am - 12:30 pm

Topics

- Complying with ASHRAE/ IES Standard 90.1-2010 for lighting: 10 points to remember
- Advancements in lighting controls have changed how we Plan for and Wire them



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Price:

\$150 + GST

BCEA & IES Members receive 15% discount:

\$127.50 + GST

IES Members can register online at

www.iesbc.org/events

* Includes breakfast & lunch

Name: _____ Company: _____

Address: _____ City: _____ Postal Code: _____

Email: _____ Phone: _____

PAYMENT INFORMATION

Invoice (Members Only) Credit Card Mailing Cheque (must be received before November 17)

Credit Card Type: _____ Number: _____ Expiry Date: _____

Name on Credit Card: _____ Signature: _____

Please fax to BCEA at 604-291-7795. Mail cheque to BC Electrical Association at #224-3989 Henning Dr. Burnaby V5C 6N5

There will be no cancellations or redunds after Thursday, November 12, 2015.



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British Columbia Electrical Association



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ENGINEERING SOCIETY

BCEA & IES ADVANCED LIGHTING SEMINAR SEMINAR ABSTRACTS AND SPEAKERS

Session 1: Complying with ASHRAE/ IES Standard 90.1-2010 for lighting: 10 points to remember

In December 2013 the British Columbia Building Code was updated with a new set of requirements for Part 3 buildings' energy performance directly based on the NECB 2011 and ASHRAE/ IES Standard 90.1-2010 documents. As a result, the energy performance of the lighting systems has increased significantly. However, while the general lighting design trends have adjusted well to the new standards, after almost 2 years of enforcement some particular requirements are still not effectively comprehended.

This presentation will reveal some important details of the lighting and electrical power requirements of ASHRAE/ IES Standard 90.1-2010 that lighting designers, electrical engineering consultants, green building consultants need to make sure of when complying with the current BC Building Code energy requirements.

Session 1 Speaker: Nikolay Smirnov, LC, P.Eng, M.Sc. is a Specialist Engineer with BC Hydro (BC, Canada) working in the Power Smart Engineering department since 2008. Nikolay's work history includes over 20 years of practicing in the fields of lighting engineering, energy management, lighting design and computer lighting modeling and visualization in Asia, Europe, and North America. He is a Professional Engineer registered in British Columbia and Lighting Certified (LC) by NCQLP.

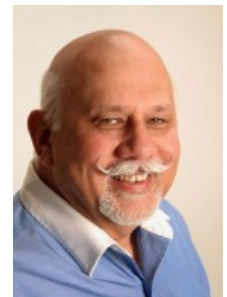
Nikolay is an active member of Illuminating Engineering Society (IES) serving on the IES Energy Management & Lighting Upgrade and Industrial Lighting Committees as well as on the local IES Vancouver Board of Managers. He regularly presents to the lighting community and building owners on the topics of energy efficiency in lighting design, integrated building design, building code energy requirements, utility incentive programs.



Session 2: Advancements in lighting controls have changed how we Plan for and Wire them.

Presentation will look at impact of wiring for lighting controls, no longer just power; you also have to be mindful of the network topology. Some best practices to select and plan for a successful installation, along with improvements in LED driver control technology.

Session 2 Speaker: Born and raised in British Columbia, **David Rawlings** has been an integral part of the dynamic lighting control industry for many years. Keen insight, a dedication to constant innovation as well as a fundamental understanding of leading edge technology have made David a key asset in many major lighting control projects. David holds the position of Manager of Controls group at CDM2 LIGHTWORKS. David was instrumental in developing the diurnal lighting system for the NICU ward in the new tower at Surrey Memorial Hospital. A family man, David is active in the community and has spent 27 years with the Canadian Armed Forces Communication Command Reserve.



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