

CERTIFIED ENERGY MANAGER® PROGRAM

5-DAY COMPREHENSIVE TRAINING COURSE FOR ENERGY MANAGERS—PREPARATION FOR THE CEM EXAMINATION

WHO SHOULD ATTEND?

This special in-depth five-day seminar is ideal for energy management professionals from the industrial and buildings sectors, utilities, and energy service providers who want to achieve the CEM designation as recognition of their expertise, joining a growing community of CEMs in Canada. You will engage in a detailed program of instruction covering the technical, economic and regulatory aspects of effective energy management, and the latest energy cost reduction techniques and strategies. The seminar provides a comprehensive learning and problem-solving forum and specific preparation for the CEM certification examination. On the afternoon of day five, the Certified Energy Manager examination will be administered to seminar participants who have applied for certification.

SEMINAR OUTLINE

- Codes, Standards and Indoor Air Quality
- Energy Accounting and Economics
- Energy Audits and Instrumentation
- Electrical Systems
- HVAC Systems
- Motors and Drives
- Industrial Systems
- Building Envelope
- Cogeneration and CHP Systems
- Energy Procurement
- Building Automation and Control Systems
- Green Buildings, LEED and Energy Star
- Thermal Energy Storage Systems
- Lighting Systems
- Boiler and Steam Systems
- Maintenance and Commissioning
- Alternative Financing

As a participant in this program, you will receive:

- ❑ **Comprehensive Course Workbook**—written to function as a valuable resource, not only during the seminar presentation, but also back on the job, with detailed guidelines, supporting data, and graphic elements to reinforce the points made during instruction.
- ❑ **Guide to Energy Management**—the latest version of the text by Turner, Capehart and Kennedy.
- ❑ **CEUs and Course Certificate**—certificate of completion and 4 Continuing Education Units (CEUs).

DATE AND LOCATION

June 15, 2009

Holiday Inn Express Metrotown
4405 Central Boulevard
Burnaby, BC V5H 4M3

Phone: 604 438 1881 or 1 877 232 1177

A block of rooms at the Holiday Inn Express Metrotown has been set aside for course participants at \$149. When booking, quote the group code "CEM" to obtain applicable rates.

The Holiday Inn Express Metrotown is located directly adjacent to British Columbia's largest shopping, entertainment, restaurant and theatre complex, as well as the local transit Skytrain station for easy transport to downtown Vancouver.

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ABOUT THE INSTRUCTORS

Clint D. Christenson, CEM

Clint Christenson is currently a Senior Energy Engineer for NORESKO, Inc., where he is responsible for developing results oriented strategies with Noresko partners. He previously served as Director of Advanced Solutions for Johnson Controls, Inc. and also served as Director of Oklahoma State University's Industrial Assessment Center. His broad experience in energy management has included the conducting of over 150 industrial, commercial, and institutional energy surveys over 20 years. He has published widely in the energy field, and made numerous presentations at national and international conferences.

Jon Feldman, CEM

Jon Feldman, currently a Canadian citizen, comes to us from South Africa, where he obtained a degree in Chemical Engineering from the University of Cape Town. He has spent over 20 years working for clients in a wide range of process industries, including mining, mineral processing, metals, pulp & paper, manufacturing, and food & beverage. During the last five years Jon has led over 50 energy reviews at a range of large industrial and commercial facilities. For Hatch Acres global clients, Jon focuses on combining the technical and organizational aspects of energy management to deliver substantial and sustainable savings. Engaging with site staff during workshops, and developing pragmatic implementation plans have been key factors in the success of these assignments. Jon is an accredited trainer for the "presentation skills" course from CDI Education, and has presented at several international conferences. Having conducted numerous innovative energy-management workshops in a variety of industries, he brings to the CEM course not only a Canadian perspective, but also a wealth of information about the practical energy-management issues facing companies today.

Join these and many other Canadian Organizations that have participated in the CEM Program:

- Ameresco
- Hatch Consulting
- MCW Energy Reduction
- Schneider Electric
- Amerispec Canada
- Johnson Controls
- Honeywell
- Manitoba Hydro
- BC Hydro
- Toronto Hydro
- Manitoba Hydro
- SaskPower
- OPG
- Enbridge
- Union Gas
- O&Y Enterprise
- Minto Development ProFac Facilities Management
- Oxford Properties
- Colliers International
- Bentall
- BC Buildings Corporation
- BC Housing
- Prince Albert Grand Council
- NRCan
- PWGSC
- North Vancouver, Saskatoon, Richmond, Toronto, Oshawa, Peel Region, Halton Region
- Humber, Mohawk Colleges
- Grand Erie District School Board
- Scarborough, Mt. Sinai, Ottawa, Red Deer Regional Hospitals
- University Health Network
- Motor Coach Industries
- Ford Motor Co.
- Honda
- Pratt and Whitney
- Maple Leaf Consumer Foods
- Maple Lodge Farms
- McCain Foods
- Overwaitea Food Group
- Cargill Foods
- Kellogg Canada
- Saputo
- Parmalat Canada
- Molson Canada
- Syncrude
- Inco Ltd.
- Falconbridge
- Dofasco
- Unilever
- 3M Canada
- Dana Corporation
- Siemens Building Technologies
- Versacold
- AECL
- Husky I.M.S.
- Kimberly Clark
- Eurocan Pulp & Paper
- Scott Paper
- Canadian Forest Products
- Norske Canada
- Abitibi-Consolidated
- Tembec Industries Pulp
- Steelcase
- Hudson Bay Mining and Smelting

POWER SMART WILL REFUND COURSE FEE FOR INDUSTRIAL ENERGY MANAGERS REGISTERED IN THE POWER SMART INDUSTRIAL ENERGY MANAGER PROGRAM

Simply submit proof of payment together with proof of successful completion of the CEM Certification to: Jayne De'Ath, BC Hydro Industrial Workshops, Suite 1300 – 4555 Kingsway, Burnaby, BC V5H 4T8, or scan the documents and email to jayne.de'ath@bchydro.com

REGISTRATION FORM CERTIFIED ENERGY MANAGER SEMINAR

For questions or registration assistance, call CIET at 1 800 461 7618.

Please register me for:

The 5-Day Training Course Certification Exam

* Information flagged by an asterisk is required to process your registration for the event. All other requested information is optional and voluntary.

* Name _____ * Position/Title _____

* Organization _____

* Address _____

* City _____ * Province _____ * Postal Code _____

* Business Phone _____ * Email _____ * Fax _____

Do you have special dietary needs? No Yes (If yes, please specify) _____

REGISTRATION FEE

Regular course fee: **\$1,950 + GST = \$2,047.50**

AEE member course fee: **\$1,750 + GST = \$1,837.50**

Government/non-profit course fee: **\$1,750 + GST = \$1,837.50**

Certification/exam fee: **\$250+ GST = \$262.50**

Team discount per person for two or more registrants: **\$150+ GST = \$157.50**

All fees subject to 5% GST

PAYMENT OPTIONS

* Credit Card VISA MasterCard American Express

* Purchase Order No. _____

* Card Number _____ * Expiry Date (MM/YY) _____

* Name as shown on card _____ * 3 Digit CVC security code (on back of card by signature) _____

* Signature _____ * Date _____

Or call 1 800 461 7618 to provide credit card information over the phone.

REGISTRATION OPTIONS

Fax 1 519 856 0061

Web cietcanada.com

Mail CIET

125 Milne Place

Rockwood, Ontario N0B 2K0

