

Energy Efficiency for Building Operators & Maintenance Staff



The Energy Efficiency for Building Operators course is a hands-on and highly interactive 2-day course designed to engage, motivate and empower Building Operators. Over two days, our instructors will facilitate participant's understanding of how energy behaves, how energy is used in their facility, and how it can be controlled through operational action across a variety of building systems.

A unique aspect of this training course is the Energy Hunt - which will bring participants out of the classroom and into the practical day-to-day operations of the building, allowing participants to

take part in a detailed examination of a building. The learnings from this exercise will then be brought back into the classroom, where participants will learn how to conduct savings calculations for the energy found during the Hunt.

Throughout the course, a variety of physical demonstrations, calculations, worksheets, role playing, and case studies will be presented to bring to life the energy savings opportunities that exist within Lighting, Pumps & Fans, building envelope components, HVAC and Refrigeration, Building Automation Systems, ventilation, and more.

Building operators and related maintenance and facilities staff know their building better than anyone. As such, they are uniquely positioned to discover and act on energy savings opportunities that will reduce maintenance costs and the overall operating costs of their building.

Objectives

- Learn how building operations impact energy consumption and how to identify energy waste
- Determine how you can improve energy efficiency through building maintenance and operations
- Gain expertise on how to conduct simple energy savings calculations, and explain savings to others
- Learn how building control strategies can be used to reduce energy consumption and costs
- Gain a better understanding of the optimization of heating, ventilation & AC
- Understand how to reduced energy through equipment selection/ replacement

Agenda

- Overview of Energy Management
- Energy Fundamentals
- Seven steps toward finding savings opportunities: costs, benchmarking, profiling
- Overview of major energy consuming systems
- Treasure Hunt Activity
- Details of the energy consuming systems
- Making the case for EE: Presenting your ideas to others

Who should attend?

This short thematic course is ideal for the following clientele:

- Building Operators & Facility Operations Staff
- Building/Asset Managers
- Energy Managers
- Service providers to the commercial building industry



Logistics

CEUs: 1,4

CSEP Points: 3

Visit cietcanada.com for more information on training options and registration or contact us at info@cietcanada.com.