

Energy Analytics



The Energy Analytics course trains in efficient techniques for analyzing and managing energy consumption. It includes topics on ongoing energy monitoring and factors in key consumption drivers such as climatic data and activity indicators. This training provides the basis for integrating energy efficiency into the management structure of any organization.

Measurement and targeting is used to:

- Analyze the energy performance history of the operations and the facilities
- Set the energy consumption reduction objectives
- Control the current energy performance
- Develop the energy budgets

Topics Covered

Monitoring—How to do it

- Energy use and production
- Degree-days
- Correlation of energy use to weather and production
- CUSUM – a powerful tool for energy monitoring
- Control charts
- Application of CUSUM to industrial processes and facilities
- Examples

Monitoring & Management

- Monitoring as a basis for control
- Monitoring as a source of budget information
- Monitoring as a source of summary information

Targeting

- Setting achievable energy reduction targets
- Setting realistic timelines
- Best practices and benchmarks

Reports

- Recipients
- Information required
- Report structure

Introduction to Measurement & Verification (M&V)

- Savings verification using CUSUM
- The basics of the IPMVP

Target Clientele

This short thematic course is ideal for the following clientele:

- Building managers/operators, technical industry managers or energy managers
- Engineering firms and professional firms specialized in energy efficiency
- Energy efficiency maintenance personnel



Logistics

Regular fee: \$495

Early Bird fee: \$445

CEUs: 0.7

CSEP Points: 2

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