

Energy Monitoring, Targeting and Reporting

Who should take this training?

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

Econoler Training Centre

160 rue Saint-Paul
Québec (Québec) G1K 3W1
Canada

+ 1 418 692-2592

Website

www.econolertraining.com

The Monitoring, Targeting and Reporting (MT&R) training is an efficient technique for analyzing and managing energy consumption. It involves ongoing energy monitoring considering key consumption drivers such as climatic data and activity indicators. The MT&R training is the basis for integrating energy efficiency into the management structure of any organization.

The purpose of this training is to develop a thorough understanding of the MT&R process for implementation in commercial, industrial and institutional organizations.

MT&R is a management technique used to:

- Analyze the historical energy performance of operations and facilities
- Set energy reduction targets
- Control current energy performance
- Prepare energy budget forecasts

The following topics will be 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 and 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

**All training courses can be delivered on site.*