



Performance Measurement and Verification Analyst

Course Introduction:

- Overview of Performance Measurement and Verification (PMV) concepts.
- Importance of PMV in energy efficiency programs and projects.
- Current trends and challenges in performance measurement and verification.

Course Objectives:

Upon the successful completion of this course, each participant will be able to:-

- Understand the principles and methodologies of performance measurement.
- Learn how to design and implement verification processes for energy projects.
- Gain insights into data collection, analysis, and reporting techniques.
- Explore case studies to understand real-world applications of PMV.
- Equip participants with tools and strategies for effective performance analysis.

Who Should Attend?

- Energy analysts and auditors
- Engineers and project managers in energy efficiency
- Sustainability professionals
- Researchers and students in environmental and energy studies
- Facility managers and operations personnel

Course Outline:

Day 1: Introduction to Performance Measurement

- Key concepts and terminology in PMV.
- Overview of the PMV process and its importance.
- Types of performance metrics and indicators.

Day 2: Methodologies for Measurement and Verification

- Introduction to M&V protocols (e.g., IPMVP).
- Designing M&V plans: baseline, measurement, and reporting.
- Statistical methods for data analysis in PMV.

Day 3: Data Collection and Analysis

- Techniques for effective data collection (surveys, sensors, etc.).

- Tools for data analysis and visualization.
- Identifying and addressing data quality issues.

Day 4: Case Studies in PMV

- Examination of successful PMV projects in various sectors.
- Lessons learned from real-world applications.
- Group discussions on strategies for improving PMV practices.

Day 5: Tools and Strategies for PMV Implementation

- Overview of software and tools for PMV.
- Developing a PMV action plan for energy efficiency projects.
- Engaging stakeholders and communicating results effectively.

Course Methodology:

A variety of methodologies will be used during the course that includes:

- (30%) Based on Case Studies
- (30%) Techniques
- (30%) Role Play
- (10%) Concepts
- Pre-test and Post-test
- Variety of Learning Methods
- Lectures
- Case Studies and Self Questionnaires
- Group Work
- Discussion
- Presentation

Course Certificate:

International Center for Training & Development (ICTD) will award an internationally recognized certificate(s) for each delegate on completion of training.

Course Fees:

To be advised as per course locations. This rate includes participant's manual, Hand-Outs, buffet lunch, coffee/tea on arrival, morning & afternoon of each day.

Course Timings:

Daily Course Timings:

08:00 - 08:20	Morning Coffee / Tea
08:20 - 10:00	First Session
10:00 - 10:20	Coffee / Tea / Snacks
10:20 - 12:20	Second Session
12:20 - 13:30	Lunch Break & Prayer Break
13:30 - 15:00	Last Session

