

Professional Course 2024-II – Energy Efficiency Performance Measurement and Verification Analyst (PMVA™)

TRAINING PROGRAMME OVERVIEW

CURRICULUM

- M&V (Measurement & Verification) Fundamentals and IPMVP (International Performance Measurement & Verification Protocol)

LEARNING OBJECTIVES

- Understand the fundamental principles of M&V for individual energy efficiency and water projects
- Understand relevant statistical concepts and how they apply to M&V
- Understand the IPMVP four Options and the essential elements/content of an M&V Plan
- Be able to provide professional advice to energy efficiency program developers, utilities, governments, financial institutions, and other parties interested in M&V

PREREQUISITE

- Introduction to Statistics for M&V (Included. Short self-taught online course)

CERTIFICATION

- All participants will receive a certificate of attendance
- Participants interested in receiving the *Performance Measurement and Verification Analyst (PMVA™)* certification must take the certification exam

TARGET AUDIENCE

- Candidates who seeking qualifications in Verification of Energy Saving

DURATION AND FEE

- 3 days
- + on-line examination in ENGLISH (on or before 15 Dec 2024)

HKAEE or support org member: HK\$12,000
 -Non-member: HK\$13,000
 -Pairing HK\$12,300 x 2
 -Early bird: HK\$12,500 before 15 Oct 24

PMVA APPROVAL CRITERIA

- Take the M&V fundamentals and IPMVP course and pass the exam with a mark 70% or higher
- Education + at least two-year relevant work experience
- The PMVA certification is valid for 36 months from the date of inception

CERTIFICATION EXAM

- The exam consists of multiple-choice questions.



COURSE OUTLINE

1. Introduction
2. Key Concepts
3. Short Examples
4. M&V Planning
5. Critical Issues
6. M&V Calculations
7. Retrofit Isolation Details
8. Option C Details
9. Option D Details
10. Other M&V Applications
11. Summary and Review of a Detailed M&V Plan

Venue: Rm 203, 2/F, New Commerce Centre, 19 On Sum Street, Shatin, NT
 Date: 22, 26 & 29 Nov 2024
 Time: 09:00 – 17:00

Application deadline: 8 Nov 2024
Registration Link:
<https://forms.gle/NRrjt1x6ibstpbX7>