



Efficiency
Valuation
Organization

IPMVP® PROTOCOLS IPMVP® TRAININGS IPMVP® CERTIFICATIONS

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2024

EFFICIENCY VALUATION ORGANIZATION

evo-world.org



The home of the **IPMVP**[®]



A 20-year-old **non-profit** corporation



Led by **volunteers** around the world

VISION

Create a world that has confidence in energy efficiency as a reliable and sustainable energy resource.

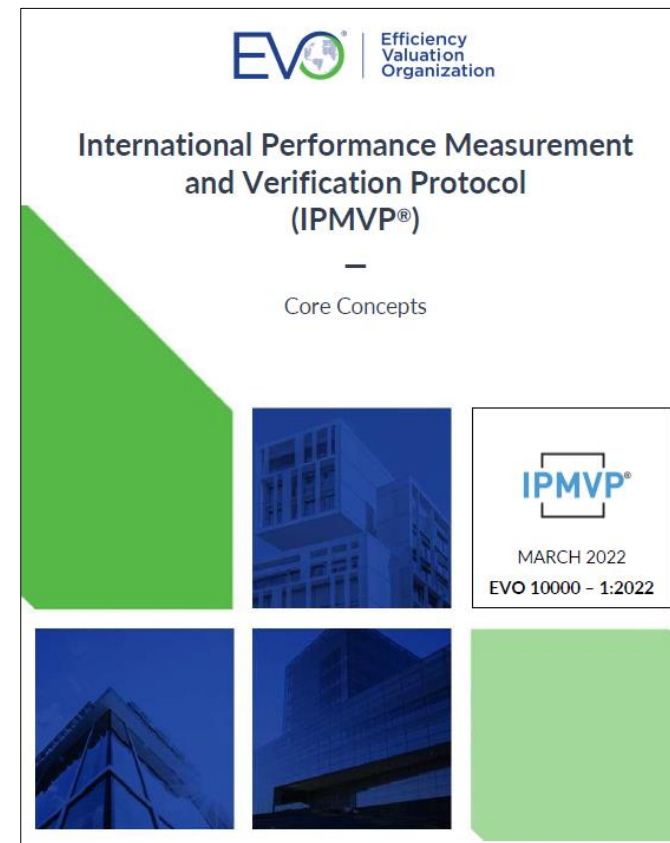
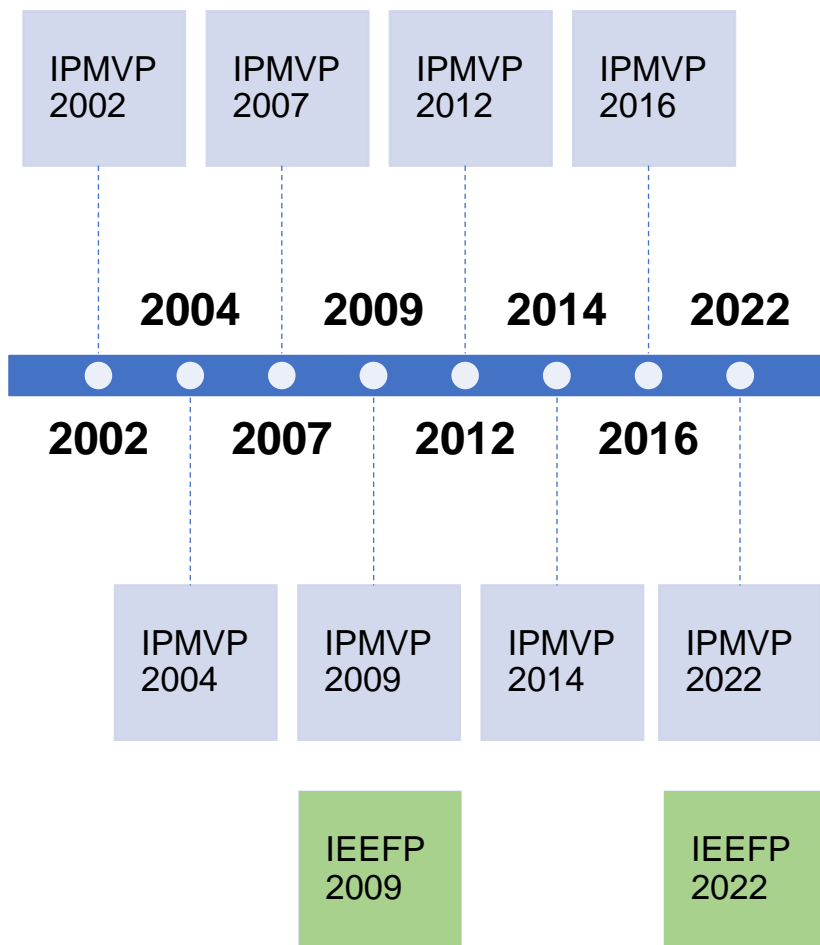
MISSION

Ensure that the savings and impact of energy efficiency and sustainability projects are determined through appropriate measurement and verification.

DEVELOPMENT WORK PLAN – IPMVP AND APPLICATION GUIDES

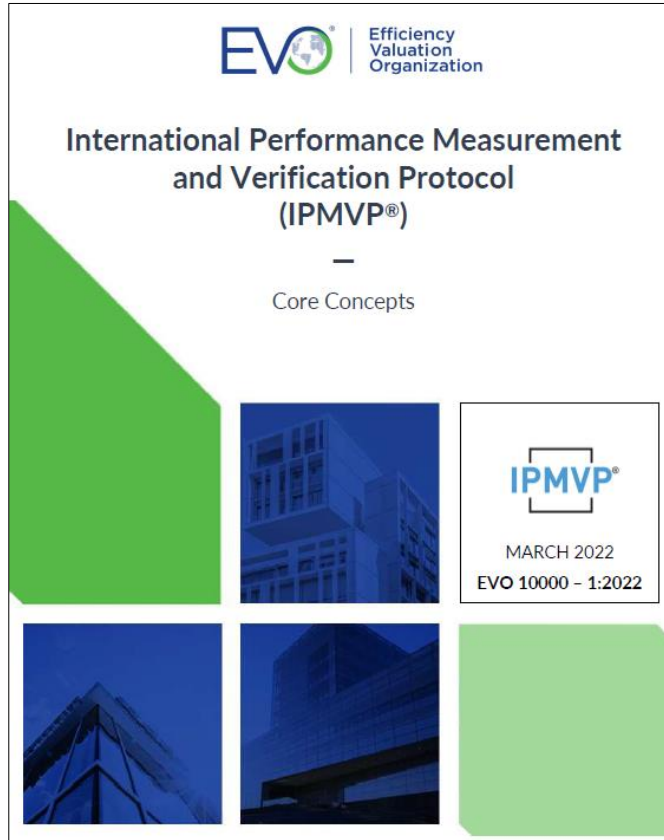
1996
North American
Energy
Measurement and
Verification Protocol
(NEMVP)

1997
International
Performance
Measurement and
Verification Protocol
(IPMVP)

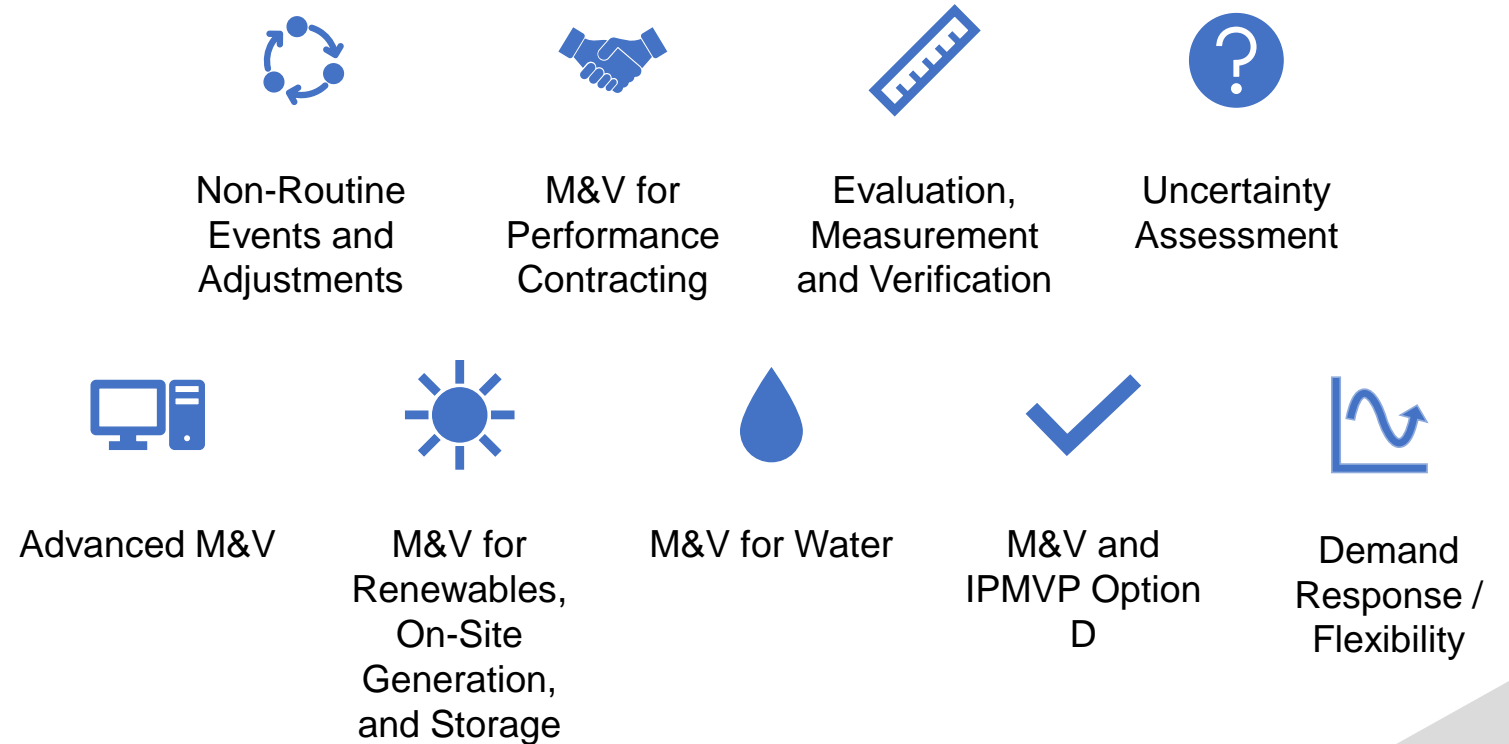


DEVELOPMENT WORK PLAN – IPMVP AND APPLICATION GUIDES

IPMVP CORE CONCEPTS



IPMVP APPLICATION GUIDES (REVISIONS AND NEW DOCUMENTS)



EVO'S M&V TRAINING PROGRAMS

M&V GENERAL & INTRO

M&V Awareness Webinar(s)
(1 hour)

Introduction to M&V
(1/2 - 1 day workshop)

Introduction to M&V Statistics
(Self-taught on line 2-3 hours)

Introduction to Option D for Buildings
Owners (1 day)

CERTIFICATION TRAINING

M&V Fundamentals and IPMVP
(2.5 days) + **PMVA** certification exam

M&V Planning in Practice
(2 days) + **PMVE** certification exam

Investment Grade Audit
(3 days) + **CESV** certification exam

ISO AND IPMVP

ISO 50006 and the IPMVP
(1 day)

ISO 50015 and the IPMVP
(1 day)

ISO 50047 and the IPMVP
(1 day)

ADVANCED M&V COURSES

Advanced Option D for M&V Practitioners
(3 days)

Advanced Statistics / Regression (LINE)
(3 sessions of 2 hours + homework)

Autocorrelation Functions
(4 sessions of 2 hours each + homework)

M&V and Metering
(Duration TBD)

Interactive Effects in EE Projects
(1 day)

Non-Routine Events and Adjustments
(Duration TBD)

Energy Efficiency Financing
(2 days + exam)

OVER 30
APPROVED
INSTRUCTORS
AROUND THE
WORLD

DEPLOYMENT
WITH A
GLOBAL
NETWORK OF
TRAINING
PARTNERS

15,000
TRAINEES IN
THE PAST 15
YEARS IN 60
COUNTRIES

EVO'S M&V CERTIFICATION PROGRAMS



- Establishes the primary standard for individuals applying M&V concepts to energy efficiency projects.
- PMVAs typically work in an analyst role for ESCOs, public administration, utilities, and financial institutions.
- They have demonstrated M&V capabilities, including a good understanding of applying the IPMVP to determine savings.
- PMVAs could be building technologists, HVAC specialists, engineers, architects, economists, financial analysts, etc.
- Certification and re-certification criterium are based exclusively on M&V professional activities. (See the full program description for additional information).



- Establishes the primary standard for individuals engaged in preparing or analyzing M&V Plans.
- PMVEs typically work as M&V experts and design, elaborate, and implement M&V plans for comprehensive and complex energy efficiency projects.
- PMVEs also work as consultants and project facilitators for facility managers and building owners.
- PMVEs work as senior M&V analysts for public administration, utilities, and financial institutions.
- PMVEs typically have advanced applied expertise in various aspects of M&V and are capable of preparing/challenging M&V plans and reports.
- Most PMVEs will hold a technical degree and have a solid understanding of various energy efficiency measures.
- Certification requires holding a PMVA or significant professional experience in the preparation of M&V plans
- Re-certification criterium are based exclusively on M&V professional activities, particularly the preparation or review of M&V plans. (See the full program description for additional information).

EVO'S M&V SUPPORT INFRASTRUCTURE

