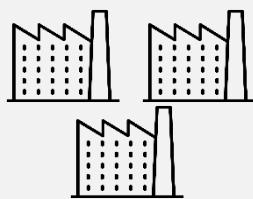


Project-based activities update

Information for program participants



12 September 2019



The M&V specifications¹ have been updated to allow an eligible PBA project to have multiple sites.

Multi-site projects will make reporting under the M&V method easier by reducing the number of administrative steps.

We have updated all relevant documents and the VEU Registry portal accordingly. We have also made several other amendments to our guidance documents.

Overview

The measurement and verification (M&V) specifications have been updated by the Department of Environment, Land, Water and Planning (DELWP) to allow multi-site projects. These are projects which have multiple premises where the upgrades at each premises are essentially identical. We have also made changes to the VEU Registry portal to allow applications for multi-site projects.

Information on multi-site projects and several other minor changes and clarifications have been included in the latest version of project-based activities guidance documents.

¹ Measurement and Verification in the Victorian Energy Upgrades program - Specifications





We have also introduced new requirements around lighting equipment and photographic evidence for project-based activities. These new requirements will improve the efficiency of project assessments by providing us with a better understanding of your project and how it saves energy.

Who is impacted by these changes

The following stakeholders should be aware of these changes when considering undertaking PBA:

- accredited persons (APs) that intend to participate in project-based activities using the M&V method
- current and prospective approved measurement and verification professionals (AM&VPs).

Multi-site projects

Accredited Persons are now able to apply for upgrades at multiple sites under a single project. For multiple sites to be considered one project, the following must be essentially identical across all sites:

- service(s) affected
- energy source(s) affected
- International Performance Measurement and Verification Protocol (IPMVP) option(s)
- VEEC creation method(s)
- independent variables, reasoning and decisions in model development (if using regression analysis).

All details for claiming for multi-site projects can be found in the M&V specifications and the project-based activities measurement and verification guidance documents.

Document updates

A detailed list of the latest changes to the project-based activities measurement and verification documents is found in Table 1 below. All of the documents in Table 1 can be found at www.esc.vic.gov.au/m-and-v

Table 2 contains details of the latest changes to project-based activities benchmark rating documents. All of the documents in Table 2 can be found at www.esc.vic.gov.au/benchmarkrating





Table 3 outlines the latest changes to other project-based activities documents which can be found at www.esc.vic.gov.au/m-and-v or www.esc.vic.gov.au/benchmarkrating

Table 1: Changes to measurement and verification documents

| Document | Changes |
|---|---|
| Measurement and Verification Method Activity Guide | <p>Clarified:</p> <ul style="list-style-type: none">• project eligibility• registration of interest• M&V planning• use of IPMVP options• use of VEEC creation methods• statistical requirements for regression models• normal year• effective range• renewable energy and other onsite generation• meter calibration• missing data• savings estimates• insurance and audits. <p>Updated:</p> <ul style="list-style-type: none">• variation requirements. <p>New:</p> <ul style="list-style-type: none">• lighting equipment requirements• photographic evidence requirements.• multi-site project details and requirements. <p>Minor corrections.</p> |
| Measurement and Verification Method Compliance Requirements | <p>Clarified:</p> <ul style="list-style-type: none">• record keeping requirements• registration of interest• M&V planning• estimate of savings attributed to behaviour change(s)• insurance |



| Document | Changes |
|---|---|
| | <ul style="list-style-type: none">• savings estimates• project team• project dates• missing data• statistical requirements for regression models• 10% rule for option C. New: <ul style="list-style-type: none">• lighting equipment requirements• photographic evidence requirements• multi-site project requirements. Minor corrections. |
| Scoping Plan Approval Form: Project-Based Activities – Measurement and Verification | Updated: <ul style="list-style-type: none">• building classification• project activities• lighting equipment details (if applicable)• solar array questions• information sharing. New: <ul style="list-style-type: none">• question about the similarity of energy source(s) and service(s) affected at each premises (for multi-site projects) Removed: <ul style="list-style-type: none">• project address questions (now on VEU Registry) Minor corrections. |
| Project Plan Approval Form: Project-Based Activities – Measurement and Verification | Clarified: <ul style="list-style-type: none">• site diagram requirements• M&V plan checklist• information sharing• AM&VP and other expert advisor questions. New: |





| Document | Changes |
|---|--|
| | <ul style="list-style-type: none">• question about similarity of measurement boundaries at each premises (for multi-site projects)• lighting equipment requirements• photographic evidence requirements. Removed: <ul style="list-style-type: none">• activity start and end dates (now on VEU Registry)• separate questions for each project team role (this detail is to be provided in the organisational plan). Minor corrections. |
| Scoping and Project Plan Approval Form: Project-Based Activities – Measurement and Verification | Changes as per scoping and project plan forms |
| Impact Report Approval Form: Project-Based Activities – Measurement and Verification | New: <ul style="list-style-type: none">• photographic evidence requirements. Clarified: <ul style="list-style-type: none">• option C 10% rule• normal year• missing data• statistical requirements for regression models• estimate of savings attributed to behaviour change(s)• lighting products• effective range• savings estimates• persistence models• information sharing. Minor corrections. |



| Document | Changes |
|--|---|
| Impact Report Checklist: Project-Based Activities – Measurement and Verification | New: <ul style="list-style-type: none">• lighting equipment requirements• section on general project information• multi-site project requirements. Clarified: <ul style="list-style-type: none">• sub-metering• savings estimates• measurement periods• uncertainty• persistence models• independent variables• normal year• effective range• missing data• statistical tests for regression models Minor corrections. |
| Guide for Approved Measurement and Verification Professionals | Minor corrections |

Table 2: Changes to benchmark rating documents

| Document | Changes |
|---|---|
| Benchmark Rating Method Activity Guide | Clarified: <ul style="list-style-type: none">• registration of interest• project eligibility• lighting equipment requirements• variations• insurance and audits. Minor corrections. |
| Benchmark Rating Method Compliance Requirements | Clarified: <ul style="list-style-type: none">• record keeping requirements |





| Document | Changes |
|---|--|
| | <ul style="list-style-type: none">• registration of interest• insurance. New: <ul style="list-style-type: none">• lighting equipment requirements. Minor corrections. |
| Scoping Plan Approval Form – Project-based activities: benchmark rating | Clarified: <ul style="list-style-type: none">• building classification• information sharing. |
| Project Plan Approval Form – Project-based activities: benchmark rating | Clarified: <ul style="list-style-type: none">• information sharing. Added: <ul style="list-style-type: none">• lighting equipment requirements. Minor corrections. |
| Scoping and Project Plan Approval Form – Project-based activities: benchmark rating | Changes as per scoping and project plan forms |
| Impact Report Approval Form – Project-based activities: benchmark rating | Clarified: <ul style="list-style-type: none">• lighting equipment evidence requirements• information sharing. Minor corrections. |

Table 3: Other document updates

| Document | Changes |
|-------------------------------|--|
| Registration of Interest Form | Added: <ul style="list-style-type: none">• signature line for site or equipment owner (if different from the energy consumer).• multi-site project details and requirements |



- request for consent for the Department of Environment, Land, Water and Planning (DELWP) to use project information in case studies.

VEEC Assignment Form for Project-Based Activities Added multi-site project details and requirements.

Where to get help

If you have any questions with respect to matters set out in this program update, please contact VEU Support on (03) 9032 1310 or yeu@esc.vic.gov.au

Legal context for this document

This document should not be relied upon as a substitute for legal advice and should be read in conjunction with the Victorian Project-Based Activities Regulations 2017, the Measurement and Verification in Victorian Energy Upgrades – Specifications and the Benchmark Rating in Victorian Energy Upgrades – Specifications. In the event of inconsistency between this document and either the Principal Regulations and/or the PBA Regulations, the content in the Principal Regulations and PBA Regulations take precedence.

