

Measurement and Verification (M&V) Plan

Project Name: EnergySaver Retrofit Project

Project ID: ESP-2023

Date of Document: June 15, 2023

Overview

The Measurement and Verification (M&V) Plan outlines the procedures and methodologies for assessing the performance and confirming the energy savings and other benefits achieved by the EnergySaver Retrofit Project.

Objectives

The primary objectives of the M&V Plan are as follows:

1. **Quantify Energy Savings:** Measure and quantify the actual energy savings resulting from project implementation.
2. **Verify Performance:** Confirm that the project is operating as intended and achieving the anticipated results.
3. **Assess Non-Energy Benefits:** Evaluate and document any non-energy benefits associated with the project.

M&V Methods

The following methods will be employed to measure and verify the performance of the project:

1. Baseline Data Collection

- **Description:** Collect baseline data on energy consumption and other relevant metrics before project implementation.
- **Timeline:** July 1 - July 15, 2023

2. Installation Verification

- **Description:** Verify that all project components and systems are installed correctly and in accordance with design specifications.
- **Timeline:** July 20 - July 31, 2023

3. Performance Monitoring

- **Description:** Implement continuous monitoring systems to track energy consumption and project performance in real-time.

- **Timeline:** Ongoing from August 1, 2023

4. Periodic Audits

- **Description:** Conduct periodic audits to ensure ongoing project performance and identify any deviations from the expected outcomes.
- **Timeline:** Quarterly, with the first audit scheduled for October 1, 2023

5. Post-Implementation Data Collection

- **Description:** Collect data on energy consumption and other metrics after project implementation for comparison with baseline data.
- **Timeline:** Ongoing from October 15, 2023

Data Analysis and Reporting

The collected data will be analyzed using appropriate statistical methods and tools. The results will be compiled into regular reports for stakeholders.

Responsibilities

The following individuals or teams will be responsible for various aspects of the M&V process:

- **M&V Manager:** Marius Mines
- **Data Analyst:** Jonathan Joster
- **Project Manager:** Ronald Trump

Reporting Schedule

Regular reports on M&V activities and outcomes will be provided according to the following schedule:

- **Monthly Reports:** 1st of each month
- **Annual Reports:** January 15 of each year

Contact Information

For further inquiries or updates related to the Measurement and Verification Plan, please contact:

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This document is subject to updates as the M&V process progresses.