Method of Statement

For who, what project

**REVISION STATUS SHEET**

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| --- | --- | --- | --- | --- | --- | --- | --- |
| Revision No. | Description / Summary of Revision | Updated By | Date of Update | Reviewed By | Date of Review | Approved By | Date of Approval |
| 00 | Initial version | Gabriel | 07-Jun-2023 | Gabriel | 07-Jun-2023 | Gabriel | 07-Jun-2023 |
| 01 | Revised revision records and sign off table | Gabriel | 21-Jul-2023 | Gabriel | 21-Jul-2023 | Gabriel | 21-Jul-2023 |
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**List of Abbreviations**

|  |  |
| --- | --- |
| DE | Ditrolic Energy |
| LITEON | LITE-ON Singapore Pte Ltd |
| LOS | LITE-ON Singapore Pte Ltd |
| IoT | Internet of Things |
| SCADA | Supervisory Control and Data Acquisition |
| Amb Temp | Ambient temperature |
| API | Application programming interface |
| DB | Distribution Board |
| VPP | Virtual Power Plant |
| EG | Edge Gateway |
| HIL | Hardware-in-the-Loop |
| Modbus, MODBUS, Mod-bus | Modbus protocol |
| MOU | Memorandum of Understanding |
| MVP | Minimum Viable Product |
| SIL | Software-in-the-loop |
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# INTRODUCTION

## OBJECTIVE

* + 1. The following Method Statement has been prepared for (Which deliverable is been covered in this document).
    2. This document shall be submitted for client/consultant approval before conducting (deliverable action).

## SCOPE OF WORK

* + 1. (List the scope of work);
    2. Example : Installing Edge Gateway;
    3. Example : Configuring Edge Gateway to acquire data from 5 units of PV inverters;

## APPROACH

* + 1. (roughly summary how the object to be met, how it will be done);

# TERMINOLOGY (IF ANY)

## MOU : Memorandum of Understanding

A memorandum of understanding, or MOU, is a nonbinding agreement that states each party's intentions to take action, conduct a business transaction, or form a new partnership. This type of agreement may also be referred to as a letter of intent (LOI) or memorandum of agreement (MOA).

## PV : Photovoltaics, or Photovoltaics Panel

Photovoltaics is the conversion of light into electricity using semiconducting materials that exhibit the photovoltaic effect, a phenomenon studied in physics, photochemistry, and electrochemistry. The photovoltaic effect is commercially used for electricity generation and as photosensors.

Photovoltaics Panel, aka Solar Panel, is a device that converts sunlight into electricity by using photovoltaic cells. PV cells are made of materials that generate electrons when exposed to light. The electrons flow through a circuit and produce direct current electricity, which can be used to power various devices or stored in batteries.

# STEP 1

## STEP 1-1

(Describe the step details, such as operation and expected result)

## STEP 1-2

(Describe the step details, such as operation and expected result)

## STEP 1 VALIDATION METHOD

(Describe the how to validate the step 1 content, such as if something being performed, which result should be shown. Can use screenshots for clarification)

# STEP 2

## STEP 2-1

(Describe the step details, such as operation and expected result)

## STEP 2-2

(Describe the step details, such as operation and expected result)

## STEP 1 VALIDATION METHOD

(Describe the how to validate the step 1 content, such as if something being performed, which result should be shown. Can use screenshots for clarification)

# Sign off (Testing and Commissioning)

|  |  |  |  |
| --- | --- | --- | --- |
| INSTALLED BY : | <installer company name> | INSPECTED BY : | LITEON SINGAPORE PTE LTD |
| NAME : | <name of the installer technician> | NAME : | <name of the LITEON technician> |
| SIGNATURE : |  | SIGNATURE : |  |
| DATE : |  | DATE : |  |
| TESTED BY : | <end user company> | TESTED BY : | LITEON SINGAPORE PTE LTD |
| NAME : | <end user company representative name> | NAME : | <name of the LITEON technician> |
| SIGNATURE : |  | SIGNATURE : |  |
| DATE : |  | DATE : |  |
| WITNESSED BY : | <end user company> | WITNESSED BY : | LITEON SINGAPORE PTE LTD |
| NAME : | <end user company representative name> | NAME : | <name of the LITEON technician> |
| SIGNATURE : |  | SIGNATURE : |  |
| DATE : |  | DATE : |  |

# Sign off (general)

|  |  |
| --- | --- |
| PERFORMED BY : | PERFORMED BY : |
|  |  |
| <Client Company> | LITEON SINGAPORE PTE LTD |
| <Role of the representative> | <Engineer> |
|  |  |
| NAME : | NAME : |
|  |  |
| SIGNATURE : | SIGNATURE : |
|  |  |
| DATE : | DATE : |
|  |  |
| TESTED BY : | TESTED BY : |
|  |  |
| <Client Company> | LITEON SINGAPORE PTE LTD |
| <Role of the representative> | <Engineer> |
|  |  |
| NAME : | NAME : |
|  |  |
| SIGNATURE : | SIGNATURE : |
|  |  |
| DATE : | DATE : |
|  |  |
| WITNESSED BY: | WITNESSED BY: |
|  |  |
| <Client Company> | LITEON SINGAPORE PTE LTD |
| <Role of the representative> | <Engineer> |
|  |  |
| NAME: | NAME: |
|  |  |
| SIGNATURE: | SIGNATURE: |
|  |  |
| DATE: | DATE: |
|  |  |

# Summary

*This section to be annotated when the T&C is completed.*