**Self-Certification for Solar Roof top Installations up to 10KW**

This is to certify that the installation of Solar roof top power plant along with its associated equipment of capacity {{ total\_kilowatts }} **at:** {{ location }}has been carried out by us/me and the details of the Installation as well as the test results are as under:

1. **Details of Consumer:**

|  |  |
| --- | --- |
| **Name:** {{ consumer\_name }} | {{ consumer\_address }} |
| **Electricity Connection No:** | {{ electricity\_connection\_number }} |
| **GEDA Registration Number:** | {{ geda\_registration\_number }} |

1. **Details of Solar PV cells and Invertor**

|  |  |  |  |
| --- | --- | --- | --- |
| **No.** | **Particular** | **Modules** | **Inverter** |
| 1. | Make | {{ solar\_module\_make}} | {{ solar\_inverter\_ make }} |
| 2. | Capacity | {{ solar\_module\_capacity }} | {{ solar\_inverter capacity }} |
| 3. | No. of Modules/Invertor | {{ solar\_module\_quantity }} | {{ solar\_inverter\_ quantity }} |
| 4. | Total Capacity | {{ solar\_module\_total\_capacity }} | {{ solar\_inverter\_ total\_capacity }} |
| 5. | Voltage | {{ solar\_module\_voltage }} | {{ solar\_inverter\_voltage }} |
| 6. | Sr No | {{ solar\_module\_serial\_number }} | {{ solar\_inverter\_serial\_number }} |

1. **Test Results:**

|  |  |
| --- | --- |
| **Earthing** | **Insulation resistance** |
| Earth Tester Sr no.- | Meggar Sr no and voltage: V |
| Earth Resistance values for all Earth Pits-   1. \_\_0.91 Ohm 4.\_\_\_\_\_\_ 2. \_\_0.93 Ohm 5.\_\_\_\_\_\_ 3. \_\_0.5 Ohm 6.\_\_\_\_\_\_\_ | Insulation Resistance:   1. Phase to Phase: \_\_\_\_6 00 Mohm 2. Phase to Earth \_\_\_\_7 00 Mohm 3. Phase to Earth \_\_\_\_7 00 Mohm |

The work of aforesaid installation has been completed by us on **28-12-2023** and it is to hereby declare that

1. All PV modules and its supporting structures have enough mechanical strength and it conforms to the relevant codes/guidelines prescribed in this behalf.
2. All cables/wires, protective switchgears as well as Earthlings are of adequate ratings/size and they conform to the requirements of Central Electricity Authority (Measures relating to safety and electrical supply), Regulations 2010 as well as the relevant codes/guidelines prescribed in this behalf.
3. The work of aforesaid Installation has been carried out in conformance with the requirements of Central Electricity Authority (Measures relating to safety and electrical supply), Regulations 2010 and the relevant codes/guidelines prescribed in this behalf. The installation is tested by us and is found safe to be energized.

Date-

Signature of Licensed Electrical Contractor-

Name of Licensed Electrical Contractor -

Electrical Contractor License No.-

Valid up to.-19/10/2028

Date-

Signature of Electrical Supervisor-

Name of Electrical Supervisor -

Permit No.-