

# Self-Certification and Declaration for SRT PV Installation under "SURYA Gujarat Roof Top Yojana"

Consumer No. \_\_\_\_\_ **DISCOM : Paschim Gujarat Vij Company Limited** DATE : \_\_\_\_\_

Name of Empanelled Agency: \_\_\_\_\_

Basic System Information:

**GUVNL Registration Number:** \_\_\_\_\_

**Customer Name:** \_\_\_\_\_

**Consumer No :** \_\_\_\_\_ **Circle** \_\_\_\_\_ **Division** \_\_\_\_\_ **Sub-Division** \_\_\_\_\_

**Address:** \_\_\_\_\_

\_\_\_\_\_

**Contracted Load:** \_\_\_\_\_ **KW** \_\_\_\_\_ **Phase**

**PV Registration Capacity at GUVNL Portal:** \_\_\_\_\_ **KW** \_\_\_\_\_ **Phase**

## 1) PV Module Specification:

Equipment	Make of Solar PV Module	Model No.	Type of PV Modules (Crystalline)	Rated Capacity of Solar Module in Watt(peak) More than 250Wp	No. of Modules	Total PV Capacity installed in Kwp
PV Module						

- Serial Nos. of PV modules attached separately
- Copy of Pre- Dispatch Inspection report along with Serial Nos. of Modules.

## 2) Are the modules of Indian Make: ( \_\_\_\_\_ ) \*

## 3) Inverter Details:

Make of Inverter	Model No.	Type of Inverter (Single/Three phase) and Voltage	Rated A.C. Output of Inverter in kilo Watt	Serial No. of Inverter
		Single/Three phase	_____ KW	
Remote Monitoring System / Data Acquisition System provided or not?				( _____ )*
SIM Mobile No. _____ (If applicable)				

\* Answer in YES or NO only.

# Structure, Inverter and BOS materials are used as above. After commissioning of solar system if Any Material & module found inferior as perEOI specification, we will be liable for replacement within 7 days on Our Cost & risk. And responsible for any legal consequences.

Signature and Stamp of  
Electrical contractor

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## 4) Test Results:

### a) Earth Resistance Values:

D C Side Earthing	_____ Ohm	A C Side Earthing	_____ Ohm	L.A. Earthing	_____ Ohm
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### b) Insulation Resistance Values:

Phase to Earth	Phase to Phase
_____	_____

- a) All PV modules and its supporting structures, inverter, have enough mechanical strength and it conforms to the relevant codes/guidelines, as per EOI No: **(PGVCL/DSM/EOI/SRT/2019-20/01 Dated: 20/07/2019 & subsequent amendments.)**
- b) The work of aforesaid Installation including cables/wires, protective switch gears as well as earthings are of adequate ratings/size 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, EOI No: PGVCL/DSM/EOI/SRT/2019-20/01 Dated : 20/07/2019 & subsequent amendments thereof. The installation is tested by us and is found safe to be energized.
- # Structure, Inverter and BOS materials are used as above. After commissioning of solar system if any Material & module found inferior as per EOI specification, we will be liable for replacement within 7 days on our Cost & risk. And responsible for any legal consequences.

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## Details of Module Mounting Structure (MMS):

Sr.	Particulars	Details	Declaration (mention with YES/No)
1.	Structure Material	Confirms to the relevant codes/guidelines, EOI No: PGVCL/DSM/EOI/SRT/2019-20/01 Dated: 20/07/2019 & subsequent amendments.	
2.	Fasteners, N&B, Clamps	All used made of Stainless Steel?	
3.	Structure Steel Thickness	Confirms to the relevant codes/guidelines, EOI No: PGVCL/DSM/EOI/SRT/2019-20/01 Dated: 20/07/2019 & subsequent amendments.	
4.	Shadow Analysis Report	Whether attached?	
5.	Success in Shadow Analysis?		
6.	Certification from certified Structural Engineer	Regarding Structural Stability and sustainability report attached? & Whether it Confirms to the relevant codes/guidelines, EOI No: PGVCL/DSM/EOI/SRT/2019-20/01 Dated: 20/07/2019 & subsequent amendments.	
7.	Vendor's Declaration	Regarding Structural Stability and sustainability report attached? & Whether it Confirms to the relevant codes/guidelines, EOI No: PGVCL/DSM/EOI/SRT/2019-20/01 Dated: 20/07/2019 & subsequent amendments.	

## Details of DCDB:

Sr.	Observation	Please Mark/ Enter Relevant Block	Declaration (mention with YES/No)
1.	DCDB Installation	Outdoor (IP65) or indoor (IP64) type	
2.	Surge Protection device (SPD)	Provide?	
3.	Make, Model, Sr. No., capacity of DCDB		

## Details of ACDB:

	Observation	Please Mark/ Enter Relevant Block	Declaration (mention with YES/No)
1.	ACDB Installation	Outdoor (IP65) or indoor (IP64) type	
2.	Surge Protection device (SPD) available	Provide?	
3.	Make, Model, Sr. No., Capacity of ACDB		

## Lightening Arrester System Details:

L.A. Make	Confirms to the relevant codes/guidelines, EOI No: PGVCL/DSM/EOI/SRT/2019-20/01 Dated: 20/07/2019 & subsequent amendments.	(_____)*
Cable	Confirms to the relevant codes/guidelines, EOI No: PGVCL/DSM/EOI/SRT/2019-20/01 Dated: 20/07/2019 & subsequent amendments.	(_____)*
Earthing Rod	Diameter and Length of Electrode used for earthing	____ mm dia and ____ mtr length

\*Answer in Yes/No only

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**Details of Isolation Switch between Solar Generation Meter and main Switch of the customer (As per page 72 – clause 8 and page 75 clause 12.4 ii)**

Make	Sr. No.	Capacity	2 pole / 4 pole

**Details of Reverse Protection Relay (=NVR) for Solar PV System More than 10 KW:**

Make	Sr. No.	Capacity

Please attach as per the below mentioned sequence:

Sr.	Particulars	Tick if Attached
1	Application Form ( MoU)	
2	DISCOM Registration Letter	
3	Ownership Document	
4	Terrace Rights / Co-owner’s consent (if applicable)	
5	Power Purchase Agreement on Rs. 300/- stamp paper	
6	Bank detail form	
7	Cancelled cheque of consumer	
8	Copy of PAN Card (If available)	
9	Shadow Analysis Report	
10	Certificate from certified Structural Engineer	
11	EA-declaration certificate for Structure	
12	CEI Drawing Approval and inspection report for Solar Project >10 KW	
13	In case of Common Service i.e. GHS/RWA (Against 3 and 4)	
	• Society Registration Certificate	
	• Resolution for election of President/Secretary	
	• Resolution for installation of solar roof top and signing authority declaration.	

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