

Self-Certification and Declaration for SRT PV Installation under “SURYA” Project Subsidy Scheme 20-21 for Torrent Power Ltd

Date : _____

Service No. : _____ Zone/Sub Zone : _____

Name of Empaneled Agency: _____

GUVNL Registration Number: _____

Customer Name: _____

Address: _____

Existing Sanctioned Load: _____ KW _____ Phase

PV Registration Capacity at GUVNL Portal: _____ KW _____ Phase

1) PV Module Specification:

Equipment	Make of Solar PV Module	Model No.	Serial No. of Solar Panel	Rated Capacity of Solar Module in Watt(peak) More than 250Wp
PV Module				
Total PV Capacity:				

* Serial nos. of PV modules to be attached separately if exceeds.

2) Are the modules of Indian Make: YES/NO

3) Original Solar Cells Manufacturer (purchased by Solar Module Manufacturer) : _____

4) Inverter IS 16221 –Details*:

Make of Inverter	Model No.	Type of Inverter (Single/Three phase) and Voltage	Rated A.C. Output of Inverter in kilo Watt/KVA	Outdoor or Indoor Type and class	Serial No. of Inverter
		Single/Three phase	KVA/KW	Outdoor/Indoor	
Inverter is GSM type / Wi-fi enabled					
Inverter Earthed or not?					Earthed / Not

*Inverter Model Data Sheet and Inverter Test Certificate attached or uploaded on GUVNL/TPL Portal

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Solar Capacity in KW for Subsidy Claim: _____KW Service No.: _____

-For subsidy calculation minimum of following two shall be considered:

1. Solar PV array capacity in KWp
2. Inverter Capacity in KW

5) Test Results:

A) Earthing:

a) Earth Tester Used:

Make	Model	Sr. No

Last Calibrated certificate is attached / uploaded on GUVNL/TPL portal

b) Earth Resistance Values:

D C Side Earthing	_____Ohm	A C Side Earthing	_____Ohm	L.A. Earthing	_____Ohm
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B) Insulation Resistance:

a) Megger used :

Make	Model	Sr. No

Last Calibrated certificate is attached / uploaded on GUVNL/TPL portal

b) Insulation Resistance Values:

Phase to Earth	Phase to Phase
_____	_____

The work of aforesaid installation has been completed by us on _____and it is to hereby declare that

- a) All PV modules and its supporting structures, inverter, have enough mechanical strength and it conforms to the relevant codes/guidelines & subsequent amendments.
- b) The work of aforesaid Installation including cables/wires, protective switch gears as well as earthlings 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 & subsequent amendments thereof. The installation is tested by us and is found safe to be energized.

Signature and Stamp of
Electrical Contractor (EA)

Signature and Stamp of
Electrical Supervisor

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Details of Module Mounting Structure (MMS):

Sr.	Particulars	Details	Declaration
1.	Structure Material	Hot Dip Galvanized Iron as per IS:4759	Hot Dip Galvanized / Cold Rolled used
		Cold Rolled pre-galvanized as per IS	
2.	Fasteners, N&B, clamps	Used made up of Stainless-Steel minimum grade SS304	ALL SS used / Not
3.	Structure Steel Thickness	Min. 2.0 MM for rectangular/square/circular hollow pipe section	rectangular/square/circular (2.0 mm)
		Min. 2.5 MM for other than above	2.5 mm C-Chanel
4.	Structure	Installed Elevated or not?	Elevated / Not
		Any welded joints in Mounting Structure?	YES / No
		If welded joints are there; then quality of zinc spray done or not?	YES / No
5.	Minimum height of PV modules from roof level in meter	Minimum Height should be ≥ 300 mm from Ground	_____MM/Mtr
6	Maximum height of PV modules from roof level in meter		_____MM/Mtr

Sr.	Observation	Please Mark/ Enter Relevant Block	Declaration
1.	DCDB Installation	Outdoor (IP65) or indoor (IP64) type	Outdoor / Indoor type
2.	Surge Protection device (SPD)	Provided or not?	Provided / Not
3	Make, Model, Sr. No., capacity of DCDB		

Sr.	Observation	Please Mark/ Enter Relevant Block	Declaration
1.	ACDB Installation	Outdoor (IP65) or indoor (IP64) type	Outdoor / Indoor type
2.	Surge Protection device (SPD) available	Provided or not?	Provided / Not
3.	Make, Model, Sr. No., Capacity of ACDB		

L.A. Make	Type (Metal Oxide Varistors –MoVs/ Franklin Rod Type /Early Streamer Type)	Diameter and Length
Cable	16 Sq. MM Cable or Equivalent used and Length	_____Mtr 16 Sq. MM Cable/ Equivalent used
Earthing Rod	Diameter and Length of Electrode used for earthing	_____mm dia and _____mtr length
Earth filled by	GCIM Hygrolite chemical bag/other	_____bag each of _____Kg.

*Data Sheet and Test Certificates of LA and Earthing Rod Attached or uploaded on GUVNL/TPL portal

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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 Project More than 10 KW:

Make	Sr. No.	Capacity	

(Signature and Stamp of Empaneled Agency)

Sr.	Particulars	Tick if Attached
1	Application Form (MoU)	
2	DISCOM Registration Letter	
3	Ownership Document	
4	Terrace Rights / Co-owner’s consent / Declaration	
5	Power Purchase Agreement on Rs. 300/- stamp paper	
6	Bank Details Form with Cancelled Cheque and Pan Card copy	
7	Structure Engineer Certificate Original with serial no. and Issue Date	
8	Shadow analysis Report	
9	CEI Drawing Approval and inspection report for Solar Project >10 KW	
10	In case of Common Service i.e. GHS/RWA (Against 3 and 4)	
	Require Request letter on Society letter head (as per Format which is available TPL portal) with Society Registration. certificate copy and Society Resolution	