

FORM- 6 : Joint Inspection Report

TP NORTHERN ODISHA DISTRIBUTION LIMITED

Certified that I Divisional Engineer ofDivision, TPNODL along with EMR and MRT have personally inspected theKwp SRTPV system at.....on date.....

The details of inspection report are as below:

Inspection Report for KWp Solar Roof Top PV System (SRTPV) at		
Sl. No.	Parameter	Utility Observation
A	Applicant Details	
1	Name of the Applicant	
2	Application No./Registration No. with Date	
2	Address	
3	Consumer Number	
4	Consumer Category	
5	Type of Connection: 1ph LT or 3 ph LT/HT	
6	contract demand of consumer	
7	Arrear, if any	
B	Distribution Transformer Details	
1	Capacity in KVA	
2	Location	
3	Total Capacity of rooftop solar photovoltaic systems already connected to the Distribution Transformer in kWp (individual capacity may be mentioned)	
4	Whether the transformer capacity is adequate to deliver the proposed Solar rooftop PV system in addition to existing SRTPV systems	Yes/No
C	Solar Rooftop PV Power Plant Details	
1	Details of proposed power plant (a) Capacity of the SPV Power Plant (kWp) (b) Plant proposed at single site/multiple sites (c) Interconnection with the electricity network at single point or multiple point	

2	Whether the Single Line Diagram of the SRTPV System(Submitted by the consumer indicating all the Safety aspects of Grid Connectivity) is OK for grid Connectivity	YES/NO (if it is no, state reasons for the same and suggest alternate arrangements)
D	Grid Tied Inverter	
1	Make	
2	Serial No.	
3	Capacity	
4	Input Voltage/ Output Voltage	
5	Whether Anti-islanding feature is in working condition	Need to be checked practically before charging

6	Date of installation	
E	P.V Module	
1	Make	
2	Serial No.	
3	Type of Module	
4	Capacity of each Module	
5	No. of Module	
6	Total capacity of Module	
7	Date of installation	
F	Earthing Verification (i) D.C Earthing (ii) A.C Earthing	(i)in Ohm (ii) in Ohm Within permissible limit or Not (Values should be certified by contractor with HV Supervisory licence)
G	Details of protective system available	(i) AC & DC DB: Yes/No (ii) Manual Switch at Solar Side: Yes/No (iii)Relay operated automatic switch at net- meter side: Yes/ No
H	Details of protection system provided to prevent back feeding from DG/ Battery/Inverter any other	
I	EIC inspection and approval letter Submitted by the consumer above 50KVA	Yes/ No
J	Safety certificate from designated Safety officer of TPNODL below 50KVA	Yes/No
K	Work Completion Report of SRTPV by consumer	Yes/ No
L	Test report of all component of SRTPV system (including inverter) is as per CEA/OERC regulation and IS/ BIS standards	Yes/NO
M	Meter Details	<div>Net Meter (Bi-directional Meter)</div> <div>Solar Generation Meter (Details of all Solar meters)</div>

1	Total Nos. of Meters		
2	Meter Make		
3	Meter Sl. No.		
4	1 Ph/ 3Ph		
5	Capacity		
6	Meter Constant		
N	Any other necessary details with Remarks		
Inspection Report			
Whether this installed SRTPV system is satisfactory for grid connectivity/ Synchronization		Yes/No (if it is not satisfactory, state reasons for the same and suggest alternate arrangements required to evacuate power from the SRTPV system)	

Sub-Divisional Officer

Designation and seal

Executive Engineer

Designation and Seal

MRT Officer

Designation & Seal

Superintending Engineer

Designation and seal