

Annexure-IV

Site Verification Report-cum-Technical Feasibility Report for installation of Solar Rooftop PV System under Net Metering Arrangement

[To be filled by SDO (OP)]

Sr. No.	I. The Details of Service Connection:	
1	Name of the Consumer:	
2	Address:	
3	Telephone No/Mobile No:	
4	Email address:	
5	Account number:	
6	Category of consumer:	
7	Sanctioned Load in kW (A):	
8	Existing meter detail:- a) Single / three phase: b) Capacity in ampere c) Direct reading or CT - operated:	

Sr.No.	II. Distribution Transformer Details:	
1	Name of the 11 KV feeder: :	
2	Location of Distribution Transformer (SOP):	
3	Name/Make of the Distribution Transformer :	
4	Distribution Transformer capacity in KVA (B):	
5	Voltage ratio of the Distribution Transformer:	
6	Solar PV system Connection already connected to this Distribution Transformer:	
7	Solar PV system capacity already connected to this Distribution Transformer in KW (C):	
8	Proposed Solar PV system capacity in KW (D);	
9	Total Solar PV system capacity including the proposed new capacity (E=C+D):	

Note: The proposed solar PV system capacity/ addition is technically feasible if

- The total solar PV system capacity (E) in kW is not more than 30 % of the Distribution Transformer capacity in KVA (B) [$E \leq B \times 30\%$] and
- The proposed solar PV system capacity in kW (D) does not exceed the sanctioned load of the service connection in kW (A) [$D \leq A$] and
- In case of Net solar on single phase, the connectivity should be at the heaviest load phase for maximum benefit and minimum current imbalance.

Sr.No.	III. Feeder Details::	
1	Name of the 11 KV feeder:	
2	Name of substation:	
3	Type and size of the conductor	
4	Current carrying capacity of the feeder	
5	Maximum load reached on the feeder in Amps &KVA:	
6	Total connected Distribution Transformer capacity on this 11KV feeder (KVA):	
7	SPV system connected on this feeder, if any, and their capacity in KW:	

Note:- Provided that the cumulative capacity of Solar Rooftop Systems to be allowed at a particular power transformer shall not exceed 15% of the peak capacity of the power transformer in case of interconnection with the grid at high tension or the revised cumulative capacity as the Commission may decide from time to time in KWp.

In view of above the proposed Solar PV System capacity/addition is technically feasible/not feasible (strike out which is not applicable).

DATED:

**SDO/ OP Sub Division
UHBVN/DHBVN**
