Annexure - E

Format for Grid Connected Solar PV Generating system Technical Feasibility Report

Name of the applicant

1. S/C No
2. Category
3. Distribution
4. Pole number
5. Section
6. Address
7. Mobile No

B. Distribution Transformer Details

1. Name of the SS
2. Name of the Feeder
3. DTR capacity in KVA
4. Voltage ratio
5. Maximum load reached in the LT feeder
6. Type and size of the Exg. conductor in the LT feeder
7. Current carrying capacity of the above feeder
8. Total Connected load on the DTR(in KVA)
9. Addl. Loads sanctioned so far (in KVA)
10. Already proposed loads (in KVA)
11. Total Load on DTR : X=8+9+10 (in KVA)
12. SPV Generators already connected capacity in KW
13. Proposed SPV generators capacity in KW
14. Total generation capacity Y=12+13 (in KW)
15. Y should be restricted to 90 % of the DT capacity

    (i.e.) Y is less than or equal to 90 % of (3).

Remarks :-Whether technically feasible or not to export the

power from proposed SPV generator (Yes or No)

C. FEEDER DETAILS

1. Name of the feeder
2. Name of SS from which the feeder is Emanating with voltage ratio
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 DTR capacity on this 11KV feeder(KVA)
7. SPV generators connected on this feeder, if any, and their capacity in KW.

Remarks : Whether technically feasible or not to export the

power from proposed SPV generator (Yes or No)

Encl:- LT Sketch

ExecutiveEngineer

O&M, ----------