BANGALORE ELECTRICITY SUPPLY COMPANY LIMITED

(Wholly owned by Government of Karnataka Undertaking)

Technical Feasibility Report
For the SRTPV plants from 1kWp to 50kWp
(To be submitted by the Assistant Executive Engineer(AEE))

Sl No.	Parameter	Utility Observation
A	**Distribution Transformer Details**	
1	Location	
2	Capacity in KVA	
3	Total Connected load in kW	
4	SRTPV capacity already connected in kWp	
5	SRTPV Capacity already proposed which is under progress in kWp	
6	Proposed SRTPV capacity in kWp	
7	Total Generation Capacity (4+5+6) in kWp	
8	Whether the transformer capacity is adequate to deliver the proposed SRTPV system in addition to existing/ already proposed under progress solar RTPV systems* (**The Transformer shall be loaded upto 80% of capacity**)	Yes/No
B	**Feeder Details**	
1	Name of the 11kV feeder	
2	Feeder Number	
3	Name of the 66/11kV Sub-Station	
4	Type of the conductor/cable (size)	
5	Total connected load on the feeder in kVA	
6	Total capacity (kWp) of SRTPV systems connected on the feeder	
7	Peak load on the feeder in Amps	
8	Proposed SRTPV installation is technically feasible, if the total SRTPV capacity is less than or equal to the 11kV feeder capacity.	Yes/No (if it is not feasible, state reasons)

The Transformer shall be loaded upto 80% of capacity.

Enclosure: 11kV feeder & LT Distribution sketch of the transformer.

I hereby certify that the above said SRTPV installation is technically feasible/not.

Signature and Name

AEE(Ele)

C, O&M Section _____,

BESCOM

Technical Feasibility Report

For SRTPV plants - Above 50 to upto 1000kWp

(To be submitted by the Assistant Executive Engineer(AEE))

Sl No.	Parameter	Utility Observation
A	**Distribution Transformer Details**	
1	Location	
2	Capacity in KVA	
3	Total Connected load in kW	
4	SRTPV capacity already connected in kWp	
5	SRTPV Capacity already proposed which is under progress in kWp	
6	Proposed SRTPV capacity in kWp	
7	Total Generation Capacity of SRTPV (4+5+6) in kWp	
B	**Feeder Details**	
1	Name of the 66/11kV Sub-Station	
2	Feeder Number	
3	Name of the 11kV feeder	
4	Type of the conductor/cable (size)	
5	Rate current carrying capacity of the conductor / cable in Amps	
6	Total connected load on the feeder in Amps	
7	SRTPV capacity already connected on the feeder in Amps	
8	SRTPV Capacity already proposed which is under progress on the feeder in Amps	
9	Proposed SRTPV capacity on the feeder in Amps	
10	Total Generation Capacity of SRTPV (7+8+9) on the feeder in Amps	
11	Whether Proposed SRTPV installation is technically feasible or not **Note:** Total Generation Capacity of SRTPV (7+8+9) on the feeder in Amps should be less than 80% of the current carrying capacity of the feeder in Amps, for Technically Feasible cases	Yes/No (if not state the reasons)