



Bangalore Electricity Supply Company Limited

(wholly owned Government of Karnataka undertaking)

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Ref No. : BESCOM/BC-51/2021-22/CYS-21
Encl : Annexures A to D

Office of the
General Manager (Ele).,
DSM, Corporate Office,
BESCOM, K.R. Circle,
Bangalore-560 001.
Date: 03.09.2021

OFFICIAL MEMORANDUM

Sub: Determination of tariff and other norms in respect of Grid connected Solar Rooftop Photo Voltaic plants (SRTPV) in BESCOM for FY22 & 23-reg

Ref: 1. KERC Order for "Determination of tariff in respect of Solar Power Projects (Including Solar Rooftop Photo Voltaic plants (SRTPV) for FY-22 & 23" dated:18.08.2021
2. Approval of MD, BESCOM dated: 03.09.2021

PREAMBLE:

The section 86(1) (e) of the Electricity Act, 2003 has mandated the State Electricity Regulatory Commission to promote generation of electricity from renewable sources of energy. Accordingly, the Karnataka Electricity regulatory Commission (KERC) has been promoting generation of power from renewable sources by determining the feed in tariff (generic tariff) periodically based on the normative operational and financial parameters for different control periods from the year 2005 onwards.

The Commission vide order cited under ref(1) has approved the timeline for various activities involved in implementation of SRTPV projects as detailed below:

Activity	Responsibility	Timeline
Submission of Application	Consumer	Zero date
Acknowledgement of Application by ESCOM	ESCOM	Within 03 days
Site Verification/Technical Feasibility & issuance of letter of Approval/Rejection of Application	ESCOM	Within 10 days from the date of acknowledging the application
Execution of PPA(Including countersignature by the controlling officer for less than 500kW SRTPV projects)	ESCOM & Consumer	Within 05 working days from the date of issuance of letter of Approval
Submission for approval of PPA for the Commission(More than 500kW)	ESCOM	Within 07 working days from the date of execution of PPA
Submission of Work Completion Report by the consumer	Consumer	150 days from the date of execution of PPA
Inspection by the ESCOM officials for commissioning of the project after receipt of work completion report	ESCOM	Within 05 working days from the receipt of work completion report
Commissioning of the Rooftop Solar System	Consumer/ESCOM	Within Six months from the date of approval or deemed approval of PPA
Billing Process	ESCOM	30 days from the date of commissioning of the solar plant

In view of this, BESCO has revised the guidelines for the grid connected solar rooftop PV plants for capacities from 1kW to 2000kW and is enclosed with this OM.

Further, the Commission vide order cited under ref(1) has determined the tariff rates of SRTPV projects for FY-22 &23. **Hence, this OM.**

No: BESCO/BC-51/2021-22/ CYS-21

Dated:03.09.2021

1. The Hon'ble KERC has determined the tariff of grid connected Solar rooftop photovoltaic plants as below:

Sl no.	Capacity	Tariff Rs per unit		Remarks
		Without Capital subsidy	With Capital subsidy	
1	1 to 10kW Domestic consumers	Rs.4.02/-	Rs.2.67/-	-
2	1kW to 2000kW Other than Domestic consumers	Rs.3.19/-		The EE of C, O & M division shall executive PPAs from 500kWp upto 2000kWp and Commission & Synchronize the plant in co-ordination with MT staff

2. The above tariff shall be applicable to all such new SRTPV projects for which PPAs are entered into on or after 01.04.2021.
3. The tenure of the PPA shall be for the life of the solar power projects **i.e. Twenty Five (25) years.**
4. All other issues not covered under this Order, shall be governed by the respective Regulations and Orders issued by the Commission and PPAs signed by the parties.
5. This order shall be in force **with effect from 1st April 2021 and applicable for control period FY22 & FY23.**
6. **Installed capacity of Solar Rooftop PV plants should be limited to 100% of the sanctioned load** of the respective consumer's installation based on gross or net metering.
7. Hon'ble KERC in its order **dated: 11.11.2016** has determined tariff and other norms for installation of SRTPV plants on the Government buildings under funding from the Government.

The Commission has continued the scheme but with the tariff for any **surplus energy injected** as determined by KERC in its order **dated: 18.08.2021**, for the purpose of accounting the Power Purchase Cost towards the surplus

energy in view of the fact that the respective ESCOMs has to maintain the SRTPV plant.

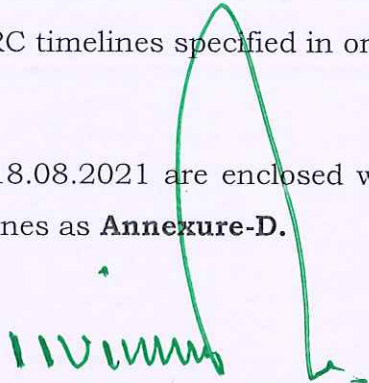
8. Hon'ble KERC in its order **dated: 15.09.2017** has allowed installation of multiple SRTPV units or single SRTPV unit with the combined installed capacity in single premises not exceeding the total sanctioned load of all the consumers in that premises.

The Commission has continued the scheme but with **90% of the tariff** as determined by KERC in its order **dated: 18.08.2021**.

9. It may also be noted that, while execution of PPA, the tariff rates should be written and typed compulsorily **in figures and words, both**.

10. In case of any ambiguity in BESCOM timelines, the KERC timelines specified in order dated: 18.08.2021 shall be preferred.

The KERC SRTPV Orders dated: 11.11.2016, 15.09.2017 & 18.08.2021 are enclosed with this circular as **Annexure-A to C** and revised BESCOM guidelines as **Annexure-D**.



**General Manager (Ele)
DSM, BESCOM**

Copy to:

1. The CEE of BMANZ/BMASZ/BRAZ/CTAZ of C, O&M Zone, BESCOM for information.
2. The SEEs/EEEs of C, O&M Circles/Divisions, BESCOM.
3. The Assistant General Manager, CBC, DSM Section, Corporate Office, BESCOM.
4. PS to MD/D (T)/D(F) with a request to place before the chair.
5. MF / OC.

