



# Bangalore Electricity Supply Company Limited

(wholly owned Government of Karnataka undertaking)

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No: BESCOM/BC-51/2015-16/CYS-53

O/of the General Manager (Ele).,  
DSM, Corporate Office,  
BESCOM, K.R. Circle,  
Bangalore-560 001.  
Date: 16.12.2015

## OFFICIAL MEMORANDUM

**Sub:** Implementation of Grid connected Solar Rooftop photovoltaic (SRTPV) generation programme on Net-metering in BESCOM jurisdiction.

**Ref:** 1. KERC order on determination of Tariff for grid interactive Solar power plants including Roof-top and small solar photovoltaic power plants vide ltr. No S/03/1.dtd:10.10.2013.

2. KERC approved different formats and timeline guidelines vide letter No: S/03/1/892,dtd:27.08.2014,for implementation of Solar Rooftop programme.

3. PPA format approved by KERC for Solar Roof-top installations No. KERC/S/F-50/vol-8(b)/1018,dtd:19.09.2014.

4. Proceeding of the workshop held on 09.10.2015 for implementation of Solar Roof top PV program in all ESCOMs vide No: BESCOM/GM(DSM)/BC-51/2014-15/cys-31,dtd:21.10.2014.

5. Letter No: KERC discussion paper for determination of Tariff to grid interactive rooftop and small kWp scale photovoltaic plants in Karnataka dated 16.11.2015.

6. Proceedings of the process committee meeting1206-11 dtd:31.10.2015.

7. BESCOM ltr No 1314 dtd:19.11.2015 address to KERC.

8. BESCOM ltr No 2003 dtd:2.12.2015 address to KERC.

9. Proceedings of the Facilitator meeting2008-13 dtd: 02.12.2015.

10. PLO No: 6247, Para 3 Note approved by Hon'ble D(T).

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### **Preamble:**

KERC has determined grid connected Tariff for Solar Rooftop and small Solar PV plants vide reference (1),(without subsidy at Rs.9.56 and 30% capital subsidy from MNRE at Rs.7.20per unit of net export to the grid).This tariff is applicable to Solar Rooftop power generator entering in to PPA on or after 01.04.2013 up to 31.03.2018,for a period of 25 years.

Govt. of Karnataka has announced Solar policy cited under reference (2) and proposed to achieve a minimum of 100MWs of SRTPV generation for each year from 2014-15 to 2017-18,totaling 400 MWs to be generated on Solar rooftops. This target has been fixed to achieve Solar obligation of 1.5% for the year 2014-15 which shall raise to 3.0% for the year 2020-21

KERC has approved guidelines, timelines and standard format of Application, Power Purchase Agreement and related formats for SRTPV plants under reference(3)&(4)

In the workshop held on 09.10.2014 on Implementation of SRTPV programme in all ESCOMs, MD, BESCOM initiated discussion on the various formats and guidelines prepared for Implementation of SRTPV system in the presence of Chairman and members of KERC, Additional Chief Secretary to GoK, Energy Department and Engineers from all ESCOMs.

Govt. of Karnataka permits implementation of On-grid SRTPV system on net-metering facility for the consumers who intend to encourage the Solar green energy and setup solar PV plants.

To encourage the solar Green energy, BESCOB intends to simplify the procedure. The matter was debated in the process committee meetings and facilitators meeting with regard to signing of PPA before the installation of the system.

Further BESCOB has submitted the action plan to Hon'ble KERC with respect to connecting of solar generation and small PV ground mounted plants vide letters under reference 7 & 8.

It is felt necessary to issue simplified guidelines in addition to the existing guidelines to encourage the Solar green energy and setup solar PV plants.

**Hence this OM.**

**No: BESCOB/BC-51/3584/2014-15/**

**Date:**

- **Signing of PPA before the installation of the plant :**  
PPA can be made for all HT/LT installations soon after communicating the approval for installation of Solar PV systems (before completion of installation work by the consumer/Applicant).
- **Connection of Solar Generation to the existing HT consumers:**  
Solar Generation can be connected to LT side, if the applicant is already an HT Consumer and sanctioned load is more than the solar Installed capacity.

**All the concerned officers and officials of BESCOB are directed to take necessary action to implement the above programme in BESCOB with immediate effect.**

(C. Nataraja)  
General Manager(DSM),  
BESCOB, Bangalore.

**Copy for kind information to:**

1. The Director (Technical), BESCOB, Corporate Office, Bangalore.
2. The Director (Finance), BESCOB, Corporate Office, Bangalore
3. All the Chief General Managers, BESCOB, Corporate Office, Bangalore
4. All the Chief Engineers (Ele), C,O&M , BMAZ/BRAZ/CTAZ, BESCOB.
5. All the General Managers, Corporate Office, BESCOB, Bangalore.

**Copy with compliments for information to:**

6. All the Superintending, (Ele)., C, O&M Circle, BESCOB.
7. All the controller of Accounts, BMAZ/BRAZ/CTAZ, BESCOB.

**Copy to:**

8. All the Deputy General Managers, BESCOB, Corporate Office, Bangalore.
9. All the Executive Engineers (Ele). C, O&M division, BESCOB.
10. All the Deputy controller of Accounts, C, O&M division, BESCOB.
11. All the Asst. General Managers, Corporate Office, BESCOB, Bangalore.
12. All the Asst. Executive Engineers (Ele)., C, O&M division , BESCOB.
13. All the Account Officers, C, O&M division, BESCOB.
14. Ps to MD, BESCOB, Corporate Office, Bangalore to place it before MD, BESCOB.
15. MF/OC.