



सत्यमेव जयते

INDIA NON JUDICIAL

Government of Karnataka

Rs. 200

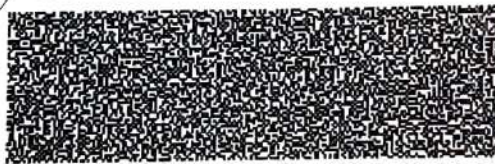
e-Stamp

Certificate No. : IN-KA09739598201071T
Certificate Issued Date : 21-Sep-2021 03:09 PM
Account Reference : NONACC (FI)/ kacrsfl08/ NAGARABHAVI1/ KA-BA
Unique Doc. Reference : SUBIN-KAKACRSFL0876612853756033T
Purchased by : M RAJAMMA
Description of Document : Article 12 Bond
Description : AGREEMENT
Consideration Price (Rs.) : 0
 (Zero)
First Party : BESCOM
Second Party : M RAJAMMA
Stamp Duty Paid By : M RAJAMMA
Stamp Duty Amount(Rs.) : 200
 (Two Hundred only)

सत्यमेव जयते



M. RAJAMMA
 IN-KA09739598201071T
 RS. 200
 21-SEP-2021 03:09 PM



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POWER PURCHASE AGREEMENT FOR ROOFTOP SOLAR PV PLANTS WITH NET METERING

This Power Purchase agreement is entered into at **Bengaluru** this 21st day of September 2021 between Bangalore Electricity Supply Company Limited (BESCOM), a Government of Karnataka undertaking, being a Company formed and incorporated in India under the

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ಸಹಾಯಕ ಕಾರ್ಯದರ್ಶಿ (ವಿ)
 (ಪಾರಂಪರಿಕ ಕಾರ್ಯದರ್ಶಿ ಸಹಾಯಕ ನಿರ್ವಾಹಕರು)
 ಸರ್ಕಾರಿ ವಿದ್ಯುತ್ ಸಂಸ್ಥೆ

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Statutory Alert: The authenticity of this Stamp should be verified on the website 'www.shcilestamp.com' or using e-Stamp Mobile App of Stock Holding. Any discrepancy in the details on this Certificate and as available on the website / Mobile App renders it invalid.
 2 The onus of checking the legitimacy is on the users of the certificate.
 3 In case of any discrepancy please inform the Competent Authority.

Now therefore, in consideration of the foregoing premises, the parties, here to intending to be legally bound, hereby agree as under:

1. Technical and Interconnection Requirements:

Seller shall ensure his SRTPV system complies with the following technical and interconnection requirement and shall:

- 1.1 Comply with the applicable standards and conditions, in respect of integrating the SRTPV system with the distribution system.
- 1.2 Connect and operate the SRTPV system to BESCOM's distribution system, in accordance with the State Grid code, and distribution Code as amended from time to time.
- 1.3 Install, prior to connection of SRTPV system to BESCOM's distribution system, an inverter with an automatic inbuilt isolation devise.
- 1.4 Provide external manual isolation mechanism with suitable locking facility, so that SRTPV system will not back-feed into the BESCOM's network in case of power outage of the BESCOM's distribution system, and it shall be accessible for BESCOM to operate, if required, during maintenance / emergency conditions.
- 1.5 Install all the equipment of SRTPV system compliant with relevant International (IEEE/IEC) and Indian standards (BIS).
- 1.6 (a) The SRTPV system shall be designed, engineered and constructed and operated by the Seller or any other person on his behalf, with reasonable diligence, subject to all applicable Indian Laws, Rules, Regulations as amended from time to time and orders having the force of law.
(b) The Seller, shall commission the SRTPV system, within six months from the date of approval of the PPA.
- 1.7 Adhere to the following power quality measures, as per the International and Indian standards and/or such other measures stipulated by KERC/BESCOM:


ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು(ವಿ)
(ವಾಣಿಜ್ಯ ಕಾರ್ಯಾಚರಣೆ ಮತ್ತು ನಿರ್ವಹಣೆ)
ಬಿ.ವಿ.ಸಿ. ರಸ್ತೆ 19ನೇ ಹಂತ-ವಿಜಯ
ವಿಜಯ ನಗರ, ಅರಸೀಕೆರೆ, ಬೆಂಗಳೂರು-76


Rajanna.M

- i) Harmonic current: Harmonic current injections from a generation unit shall not exceed the limits specified in IEEE 519.
- ii) Voltage at the injection point should be in the operating range of 80% to 110% of the nominal connected voltage.
- iii) Flicker: Operation of Photovoltaic system shouldn't cause voltage flicker in excess of the limits stated in the relevant sections of IEC standards or other equivalent Indian standards, if any.
- iv) Frequency: When the system frequency exceeds the upper limit, specified in the IEGC as amended from time to time, the SRTPV system shall shift to island mode.
- v) DC Injection: Photovoltaic system should not inject DC power more than 0.5% of full rated output at the interconnection point or 1% of rated inverter output current into distribution system under any operating conditions.
- vi) Power Factor: While the output of the inverter is greater than 50%, a lagging power factor of greater than 0.9, shall be maintained.
- vii) The SRTPV system, in the event of voltage or frequency variations must island/disconnect itself, as per IEGC/KEGC Regulations, within the stipulated period.

2. Safety:

The Seller, shall comply with the following safety measures:

- 2.1 The Seller shall comply with the Central Electricity Authority (Measures Relating to Safety and Electricity Supply) Regulations, 2010.
- 2.2 The Seller shall ensure that, the design, installation, maintenance and operation of the SRTPV system, are in a manner conducive to the safety of the SRTPV system, as well as the BESCOM's distribution system.
- 2.3 If the Seller's SRTPV system either, causes damage to and/or produces adverse effects on the other consumers" or BESCOM's assets, Seller will disconnect SRTPV system immediately, from the distribution system, by himself or upon directions

from the BESCOM and rectify the same at his own cost before reconnection.

3. Clearances and Approvals

The Seller shall obtain BESCOM's and other statutory approvals and clearances before connecting the SRTPV system to the distribution system.

4. Access and Disconnection

4.1 BESCOM shall have access to metering equipment and disconnecting device of SRTPV system, both automatic and manual, at all times.

4.2 In emergency or outage situation, where there is no access to a disconnecting device either, automatic or manual, the BESCOM shall have the right to disconnect power supply to the premises.


5. Liabilities

The Seller, shall be solely responsible for availing any fiscal or other incentive provided by the State/ Central government, at his own expenses.

6. Commercial Settlement-

6.1 Tariff:

- a. The BESCOM shall pay for the net energy at **Rs. 4.02/- (Four Rupees Two Paisa only) per kWh** determined by the **Karnataka Electricity Regulatory Commission (KERC) order dated 18.08.2021 & BESCOM OM with Ref no: BESCOM/BC-51/2021-22/CYS-21 dated 03.09.2021**, for the term of this agreement.
- b. If for any reason the date of commissioning is delayed, beyond the date of commissioning agreed. The tariff payable by the BESCOM shall be lower of the:
 - i) Tariff agreed to in this agreement
 - OR
 - ii) Any revised tariff, determined by the Commission, prevailing on the date of commissioning
 - OR
 - iii) 90% of the tariff agreed to in this agreement.
- c. The Seller, shall pay the Electricity tax and other statutory levies, pertaining to SRTPV


ಸಹಾಯಕ ನಿರ್ದೇಶಕರು (ವಿ)
(ಪ್ರಾಥಮಿಕ, ಕಾರ್ಯಾಚರಣೆ ಮತ್ತು ನಿರ್ವಹಣೆ)
ಶೇಷಪುರ, ಬೆಂಗಳೂರು ನಗರ ಮಹಾನಗರ ಪಾಲಿಕೆ
ವಿಭಾಗೀಯ ಕಛೇರಿ, ಬೆಂಗಳೂರು-56


Rajanna .M

generation, as may be levied from time to time.

- d. The Seller shall not have any claim for compensation, if the Solar power generated by his SRTPV system could not be absorbed by the distribution system due to failure of power supply in the grid/ distribution system for the reasons, such as line clear, load shedding and line faults, whatsoever.

7. Metering:

7.1 The Seller, shall arrange to shift the existing meter to the generation side of SRTPV plant to measure solar power generation and install Bi-directional meter (whole current/CT operated) at the point of interconnection to the distribution system, at a suitable place in the premises, accessible for recording export of energy, from the SRTPV system to the grid and import of energy to the premises of the consumer from the grid. The bi-directional meter, shall comply with the Central Electricity Authority (Installation and operation of meters) Regulations, 2006 and shall have the following features:

- i. Separate registers, for recording export and import energy with facility to download by Meter Reading Instrument (MRI).
- ii. KVA, kW and kVAR measuring registers for both import and export.
- iii. The Meter shall have RS232 (or higher) communication optical port / Radio Frequency (RF) port to support Automatic Meter Reading (AMR).

8. BILLING AND PAYMENT:

- 8.1 BESCOM shall issue monthly electricity bill for the net energy on the scheduled date of meter reading.
- 8.2 In case, the exported energy is more than the imported energy, BESCOM shall pay for the net energy exported, as per Tariff agreed in this agreement, within 30 days from the date of issue of bill, duly adjusting the fixed charges and electricity duty, if any.
- 8.3 In case, the exported energy is less than the imported energy, the Seller shall pay BESCOM for the Net energy imported as per the prevailing retail supply tariff, determined by the Commission from time to time.

Explanation: Net metered energy means the difference of meter readings of energy injected by the SRTPV system into the grid (export) and the energy drawn from the grid for use by the Seller (import,) recorded in the bi-directional meter.

9.1 This agreement, shall be in force for a period of 25 years from the date of commissioning of the SRTPV system, unless terminated otherwise, as provided here under.


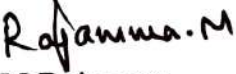


9.3 if the Seller commits any breach of the terms of the Agreement, BESCOM shall serve a written notice specifying the breach and calling upon the Seller to remedy/ rectify the same within 30 (thirty) days or at such other period and at the expiry of 30 (Thirty) days or such other period from the delivery of the notice, the BESCOM may terminate the agreement by delivering the termination notice, if the Seller fails to remedy/ rectify the same.

10. Dispute Resolution:

ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು(ವಿ)
(ವಾಣಿಜ್ಯ ಕಾರ್ಯಾಚರಣೆ ಮತ್ತು ನಿರ್ವಾಹಣೆ)
ಮಾನ್ಯ ಸಚಿವರು, 10ನೇ ಹಂತ, ಬೆಂಗಳೂರು

the dispute, either of the parties may approach the appropriate Forum

IN WITNESS WHEREOF the Seller and the BESCOM have entered into this agreement executed as of the date and the year first set forth above.

For AND ON BEHALF OF Bangalore Electricity Supply Company Limited	For AND ON BEHALF OF SELLER
<p>By: </p> <p>ಸಹಾಯಕ ಸಾರ್ವಜನಿಕ ಅಭಿಯಂತರರು(ವಿ) (ವಾಣಿಜ್ಯ ಸಾರ್ವಜನಿಕ ಮತ್ತು ನಿರ್ಮಾಣ)</p> <p>Designation: Assistant Executive Engineer (Elec.)</p> <p>C O&M, S19 Sub Division, Bangalore</p>	<p>By: </p> <p>Name: M Rajamma</p> <p>RR.No: S10H25858</p> <p>Address: No 09, Sy.No.41/4, 1st cross, Janapriya layout, Nyanahappanahalli, Begur Hobli, Bengaluru – 560068</p>
<p>1. WITNESS</p> <p>In Presence of </p> <p>Name : ಸಹಾಯಕ ಅಭಿಯಂತರರು(ವಿ) (ತಾಂತ್ರಿಕ)</p> <p>Designation: ಹೆ.ವಿ.ಕಂ. ದಕ್ಷಿಣ 19ನೇ ಉಪ-ವಿಭಾಗ ವಿಜಯಾ ಬ್ಯಾಂಕ್ ಲೇಔಟ್ ಬೆಂಗಳೂರು-560 076</p>	<p>1. WITNESS</p> <p>In Presence of </p> <p>Name : ಎ. ಸತ್ಯನಾರಾಯಣ</p>
<p>2. WITNESS</p> <p>In Presence of</p> <p>Name :</p> <p>Designation :</p>	<p>2. WITNESS</p> <p>In Presence of</p> <p>Name :</p>