



सत्यमेव जयते

INDIA NON JUDICIAL

Government of Karnataka

Rs. 200

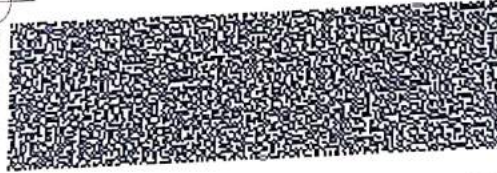
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 : ASSISTANT EXECUTIVE ENGINEER C7 BESCOM
 : Article 12 Bond
 : POWER PURCHASE AGREEMENT
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 (Zero)
 : ASSISTANT EXECUTIVE ENGINEER C7 BESCOM
 : JANARDHAN S
 : ASSISTANT EXECUTIVE ENGINEER C7 BESCOM
 : 200
 (Two Hundred only)

सत्यमेव जयते

Man
 Authorised Signatory
 For Stock Holding Corporation of India Ltd.



Please write or type below this line

**POWER PURCHASE AGREEMENT FOR ROOFTOP SOLAR PV PLANTS
 WITH
 NET METERING ARRANGEMENT**

This Power Purchase agreement is entered into at (place) Bangalore on this 23rd day of September 2021 between Bangalore Electricity Supply Company Limited (BESCOM), a Government of Karnataka undertaking, a Company formed and incorporated in India under the Companies Act-1956, with its registered office located at Bangalore, Karnataka State,

Statutory Alert:

1. The authenticity of this Stamp certificate should be verified at www.shcilstamp.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.

www.shcilstamp.com

hereinafter referred to as the "BESCOM", (which expression shall, unless repugnant to the context or meaning thereof, include its successors and permitted assigns) as party of the first part represented by **Assistant Executive Engineer (Ele), S/D C7**

AND

Janardhan S the consumer of BESCOM residing at (address) #79, K No-320/79, 1st B Main, B Sector, Yelahanka New Town, Bangalore – 560 064, hereinafter referred to as the "Seller" (which expression shall, unless repugnant to the context or meaning thereof, include its successors and permitted assigns) as party of the second part.

Whereas,

a. The Seller intends to connect and operate the Solar Roof Top Photo Voltaic (SRTPV) system with BESCOM's HT/LT Distribution system for sale of Solar Power to BESCOM in terms of the Karnataka Electricity Regulatory Commission (KERC) Order dated: 18.08.2021 or as amended from time to time.

b. The Seller intends to install/has installed a SRTPV system of 5.4 kWp capacity on the roof top of the premises situated at #79, K No-320/79, 1st B Main, B Sector, Yelahanka New Town, Bangalore – 560 064 and connected to electricity service connection bearing number (RR. No) YEH99670 in the same premises under C7 Sub-Division of BESCOM.

c. The Seller intends to sell energy generated from the SRTPV system to BESCOM as recorded in the net metering concept, from the date of commissioning of the SRTPV system.

Explanation: the 'Commissioning' means the stage at which the SRTPV system starts generating the power for the use by the Seller and injects surplus power if any, into the grid.

d. BESCOM intends to purchase the energy generated by such SRTPV system, on net metering concept, at the tariff determined by the KERC.

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

1. Technical and Interconnection Requirements:

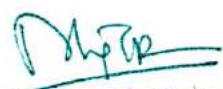
Seller shall ensure his SRTPV system complies with the following technical and interconnection requirement and shall:

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 device.

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


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2-7 ಉಪನಿರ್ಮಾಣ, ಯೆಲಾಹಂಕಾ,
ಬೆ.ಬಿ.ಐ.ಐ. ವಿಭಾಗ-64.



BESCOM's distribution system, and it shall be accessible for BBESCOM 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) 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:

a. Harmonic current: Harmonic current injections from a generation unit shall not exceed the limits specified in IEEE 519.

b. Voltage at the injection point should be in the operating range of 80% to 110% of the nominal connected voltage.

c. 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.

d. 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.

e. 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.

f. Power Factor: While the output of the inverter is greater than 50%, a lagging power factor of greater than 0.9 shall be maintained.

g. The SRTPV system in the event of voltage or frequency variations must island/disconnect itself as per IEGC/KEGC standards 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.



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೨-೭ ಮಹಾದ್ವಾರ, ಮುಂಬಯಿ,
ಬಿ.ಒ.ಸಿ.೦, ಬೆಂಗಳೂರು-೫೬.

2.3 If the Seller's SRTPV system either causes damage to and/or produces adverse effects on the other consumers' or BESCO's assets, Seller will disconnect SRTPV system immediately from the distribution system by himself or upon directions from the BESCO and rectify the same at his own cost before reconnection.

3. Clearances and Approvals

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

4. Access and Disconnection

4.1 BESCO 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 BESCO shall have the right to disconnect power supply to the premise.

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 BESCO shall pay for the Net energy at Rs. 4.02 per KWh as determined by the KERC in the order dated 18.08.2021 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 BESCO shall be lower of the:

i) Tariff agreed to in this agreement

or


ii) Tariff as per the average pooled power purchase cost notified by the commission prevailing on the date of commissioning

c. The Seller shall pay the Electricity tax and other statutory levies, pertaining to SRTPV 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 to measure solar power generation and install Bi-directional meter (whole current/CT


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2-7 ಮಂಜೇಶ್ವರಿ, ಅರಸೀಕೆರೆ
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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 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. 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 BESCO 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, BESCO shall pay for the net energy exported as per Tariff agreed in this agreement within 30 days of issue of bills 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 BESCO for the net energy imported as per the prevailing retail supply tariff determined by the commission from time to time

8.4 BESCO shall pay interest at the same rates as is being levied on the consumers for late payment charges in case of any delay beyond 30 (thirty) days period from the date of issue of bill in payment, for the net energy exported.


Explanation: Net 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 (imported) recorded in the bi-directional meter.

9. Term and Termination of the Agreement

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.

9.2 If the BESCO commits any breach of the terms of the agreement, seller shall serve a written notice specifying the breach and calling upon the BESCO 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. Seller may terminate the agreement by delivering the termination notice, if the BESCO fails to remedy/rectify the same.

9.3 if the Seller commits any breach of the terms of the Agreement, BESCO 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, BESCO may terminate the agreement by delivering the termination notice, if the seller fails to remedy/ rectify the same.


ಅಧಿಕಾರಿಗಳ ಅಧಿಕಾರವು (ಎ).
2-7 ಅಧಿಕಾರಿಗಳ, ಯಶವಂತ,
ಬೆ.ವ.ಕಂ, ಬೆಂಗಳೂರು-64.



9.4 Upon termination of this Agreement, seller shall cease to supply power to the distribution system and any injection of power shall not be paid for by the BESCOM.

10. Dispute Resolution:

All the disputes between the parties arising out of or in connection with this agreement shall be first tried to be settled through mutual negotiation.

The parties shall resolve the dispute in good faith and in equitable manner.

In case of failure to resolve the dispute, either of the parties may approach the appropriate Forum of law.

IN WITNESS WHEREOF, the Seller and the BESCOM have entered into this Agreement executed on the date and year first set forth above.

For AND ON BEHALF OF

Bangalore Electricity Supply Company Limited

By: (Name) Designation: Address:

For AND ON BEHALF OF SELLER

By: (Name) RR No: Address:

Tharandhan. S.
YEH 99670



ಸಹಾಯಕ ನಿರ್ದೇಶಕರ ಅಧಿಕಾರವಹಾರಿ

೩-7 ಉಪವಿಭಾಗ, ಯಲಹಂಕ,
ಬೆ.ವಿ.ಸಂ, ಬೆಂಗಳೂರು-64.

1. WITNESS In Presence of Name: Designation:

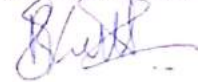


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೩-7 ಉಪವಿಭಾಗ, ಯಲಹಂಕ,
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2. WITNESS In Presence of Name: Designation:

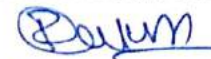
1. WITNESS In Presence



KEERTHI BUKINAKERE

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2. WITNESS In Presence



Rakesh atival