



# BANGALORE ELECTRICITY SUPPLY COMPANY LIMITED

Wholly owned Govt. of Karnataka Undertaking

Ref: **AE/JGN/AET/2024-25/1302**

Asst. Executive Engineer (Ele.)(Com.  
O&M),BESCOM, Above Canara Bank, APC  
Circle, Jigani Link Road, Jigani Village, Anekal  
Taluk  
Date: 16.06.2025

To,

M S SANWA DIAMOND TOOLS PVT LTD  
ANEKAL TQ PLOT NO 144, KIADB J-B L

Madam/Sir,

Sub: Certificate of synchronization of your SRTPV system

Ref: Application Reg No. 1000552528 dated 17.01.2025

Synchronization test of Solar Rooftop PV system of 191.16 kWp, installed on the roof of your installation bearing RR No.: AKLHT463 has been conducted and your SRTPV system successfully synchronized with the BESCOM grid at HT voltage level on 16.06.2025

Yours Faithfully

  
Assistant Executive  
Engineer(Ele.)  
Jigani Subdivision  
BESCOM.



# Bangalore Electricity Supply Company Ltd.

Page 1 of 3  
Format F-09-14

## HT Rating Report

275

Office of the  
Executive Engineer (Ele.),  
MT Division, BRAZ, BESCOM  
3rd Floor, Crescent Tower  
Bangalore - 560 001.

No. EE MT / AEE(O) / BRAZ / AEE HTR /

To,

The Asst. Executive Engineer (Ele.),

Tigani O&M Sub-Division

BESCOM, Tigani

Solar Synchronisation

191 kWP

AKLHT-463

Date 16/5/25

Sir,

### Subject : Rating Report of HT / EHT Installation

The H.T. Installation having the following details has been rated for periodical rating / complaint on 16/5/25.  
You are requested to take action on the observations and advices recorded in the report. Compliance report shall be sent to this office on the observations pointed out in the report. Details are furnished in the Annexure enclosed.

#### 1. DETAILS OF H.T. INSTALLATION :

R.R. No. AKLHT-463 CD 225 KVA.

Name & Address of the Consumer. 191 kWP

Previously rated on 20.01.25  
Meter Constant 1250 Activity HT 2(a)

SANWA DIAMOND TOOLS PVT. LTD.

Plot No. 144

Jigani Bommasandra Link Road

Jigani Industrial Area, Anekal Taluk

Bengaluru - 560 105

#### 2. OBSERVATION & ADVICE ON TECHNICAL MATTER :

The installation meter is calibrated on account of Solar Synro  
measuring old, now main to check mtr & the error recorded  
found to be within permissible limits

#### 3. ADVICE ON REVENUE MATTER :

CD - 225 KVA / 191 kWP

#### 4. DOWNLOADED TATA ANALYSIS ENCLOSED : YES / NO.

Summary of analysis if rated against complaint.

Yours faithfully,

H. Malathi

Asst. Executive Engineer (Ele.),

HT Rating Sub Division, Kural South

BRAZ, BESCOM, Bangalore.

#### Copy for kind information to :

1. The Executive Engineer Ele., MT Division, BRAZ, Bangalore.

2. Executive Engineer Ele, O&M Chandapura Division, BESCOM, Chandapura

#### In case of discrepancies :

3. Chief Engineer Ele., BRAZ, B'lore.

4. Superintendent of Police, Vigilance

5. Accounts Officer, Internal Audit.

## ANNEXURE

## 1. DETAILS OF SEALS :

AKLHT-463

275

R.R. No. ....

Sl. No.	Seals Provided to	Sl. No. of Seals Found		Sl. No. of Seals Left	
		Lead	Plastic	Lead	Plastic
1.	M.C. of Meter		Bm6169011	BRA2567857	BRA2567878
2.	TC of Meter		1675480 BRA2A57803	BRA2B34532	BRA2B34535
3.	M.D. Reset Knob		BRA256783	BRA2B34533	BRA2B34536
4.	Optical Port				
5.	T.T.B.		BRA2B34399	BRA2B34534	BRA2B34537
6.	Meter Chamber Main Door		BRA2B34400	BRA2B34538	
7.	Meter Reading Window				
8.	C.T. / P.T. Chamber		BRA256786	BRA2B34539	
9.	Cable Entry Chamber		BRA256787		Returned -
10.					
11.					

## 2. DETAILS OF THE EQUIPMENTS :

- a) Cubicle Type : Cable Entry / 6 bushing / 3 bushing / LBS. Make.....  
 b) Cubicle Conditions & Location.....  
 c) Supply side G.O.S. : In Service / Direct / Removed  
 d) Lightning Arrestor - Provided / Not Provided

AS existing

Sl. No. ....

## 3. DETAILS OF CTs / PTs :

	Existing	After Replacement	Existing	After Replacement
1. Make	.....	.....	.....	.....
2. Type	.....	.....	.....	.....
3. Class	.....	.....	.....	.....
4. Insulation Level	AS existing	.....	AS existing	.....
5. Burden	.....	.....	.....	.....
6. Ratio Available	.....	.....	.....	.....
7. Ratio Connected	.....	.....	.....	.....
8. Sl. No. 1.	.....	.....	.....	.....
2.	.....	.....	.....	.....
3.	.....	.....	.....	.....

## 4. DETAILS OF METERS :

## ETV Meter

	Existing	After Replacement
a. Make	LSPT WR30UBRIKAPC	check same E3VU24
b. Type	0.2S	0.2S
c. Class	3 X 63.5	110V DC
d. Voltage	1A	1A
e. Ampere	50000	160000
f. Pulse / Unit	1	1
g. Dial Constant	21008553	X2508836
h. Sl. No.		X2508837

2 new mtrs



## 5. MULTIPLYING CONSTANT FOR BILLING (Kwh. Kvah. Kva) :

$$\frac{\text{PT Ratio} \times \text{CT Ratio} \times \text{Dial Constant}}{\text{Meter PT Ratio} \times \text{Meter CT Ratio}} = 1250 \quad 275$$

### 6. A. CALIBRATION DETAILS :

	CALIBRATOR	METER
a. Voltage V1, V2, V3	62.32, 62.34, 62.13	62.22, 62.34, 62.13
b. Current I1, I2, I3	0.230, 0.195, 0.232	0.230, 0.191, 0.232
c. PF / KW	0.0239	0.0238
d. Sequence	F01	F01

### B. CALIBRATION DATA :

	KVAH /	KVARH
a. Reading of Test Meter	.....	.....
b. Reading of Reference Meter	MTE	.....
c. Percent Error	0.115%	.....

C. VOLTAGE MEASURED at a) RY ..... YB ..... BR .....  
b) RG ..... YG ..... BG .....

## 7. METER READINGS :

### A. Cumulative Parameter

	Existing	After Replacement
a. Time, Date, Month, Year	16/5/25 @ 14:47	.....
b. Demand with elapsed time	.....	.....
c. Self diagnostic condition	ckt good	.....
d. Present KVA, PF	0.0255 / 0.894	.....
e. Cumulative KWH	624.454	Single mtr replaced by 2 no of mtrs.

### B. BILLING PARAMETERS :

a. Billing KWH	616.863	.....
b. Billing KVA	0.1234	.....
c. Billing PF (Universal TOD)	0.884	rmf: 0.1197
d. MD Reset Count	47	0PF: 0.879
e. MD Reset Manual / Automatic on	Auto	.....

## 8. CONSUMER EQUIPMENT DETAILS

a. Transformer Make	.....	b. Voltage Class	.....
c. Capacity	AS existing	d. Current	AS existing
e. Vector Group	.....	f. Sl. No.	.....
g. D.G. Set Capacity	.....		

SANWA DIAMOND TOOLS PVT. LTD.

Plot No. 144

Consumer's Representative Signature

Jigani Industrial Area, Anekal Taluk

Bengaluru - 560 105

Bengaluru - 560 105

Hemalatha

Asst. Executive Engineer (Ele.),

HT Rating Sub Division Bengal South

BRAZ, BESCOM, Bangalore.



**AXIS BANK LTD**CORP BRANCH, CHENNAI, 600001  
IFSC CODE: UTIB0001541

VALID FOR THREE MONTHS FROM THE DATE OF ISSUE

DATE

दिनांक

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D	D	M	M	Y	Y	Y	Y
---	---	---	---	---	---	---	---

Pay **Y/S RTGS**

OR ORDER / या उनके आदेश पर

रुपये Rupees

*Cancelled.*

अदा करे

₹

A/C NO

917030076742321

CCPLS 000377

For SANWA DIAMOND TOOLS PVT LTD

Authorized Signatories:

Please sign below

Payable at par at all branches of Axis Bank Ltd in India

⑈ 3 20340⑈ 560211039⑈ 000377⑈ 30





स्थायी लेखा संख्या /PERMANENT ACCOUNT NUMBER  
**AACCS5044H**



नाम /NAME

**SANWA DIAMOND TOOLS PVT LTD**

निगमन/बनने की तिथि /DATE OF INCORPORATION/FORMATION

**31-12-1993**

मुख्य आयकर आयुक्त, कर्नाटक एवं गोवा

Chief Commissioner of Income-tax, Karnataka & Goa



# BANGALORE ELECTRICITY SUPPLY COMPANY LIMITED

Wholly owned Govt. of Karnataka Undertaking

Ref: AEE/JGN/AET/2024-25/7599

Asst. Executive Engineer (Ele.)(Com.  
O&M),BESCOM, Above Canara Bank, APC  
Circle, Jigani Link Road, Jigani Village, Anekal  
Taluk  
Date: 01.02.2025

To, M S SANWA DIAMOND TOOLS PVT LTD ANEKAL TQ PLOT NO 144, KIADB J-B L Madam/Sir,

Sub: Approval for the PPA and start of SRTPV work - reg Ref:

1. Application Reg No. 1000552528 dated 17.01.2025

PPA executed date: 24.01.2025

With reference to your SRTPV application, Approval is herewith accorded for PPA executed on 24.01.2025 for Solar RTPV system of 191.0kWp on grid connectivity. Hence, you are requested to submit the Power Purchase your rooftop under Net-metering / Gross metering basis and to start the installation work of SRTPV, as per following terms and conditions:

1. As per CEA guide lines, you are responsible for planning, design, construction, reliability, protection and safe operation of all the equipment's subject to the regulations for construction, operation maintenance, connectivity and other statutory provisions.
2. You can select a reputed system installer of your choice, who have experience in design, supply, installation and commissioning of " + SRTPV system.

Only BESCOM empaneled inverters and meter shall be used. The empaneled list of inverters and meters are available in BESCOM website.

4. Upgradation of infrastructure, if required, (service main, meter with CT, upgrade) upto the grid connectivity point is to be done at your cost.

5. All the other components of Solar RTPV system shall comply with applicable IS/IEC standards. The Technical specification of each equipment's is available in BESCOM website.

6. The work of grid connectivity shall be carried out in accordance with the Net- metering / Gross metering schematic diagram available in BESCOM website

*Handwritten signature in green ink*



polr  
3P4

SEE  
SEE  
SEE  
SEE

**Print**

TIME  
-T  
-T

23<sup>th</sup> July 2025

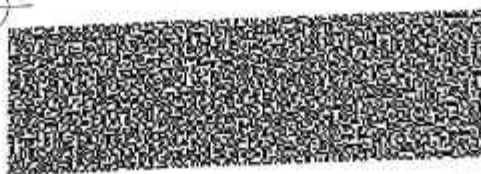
**INDIA NON JUDICIAL**

**Government of Karnataka**

Rs. 50/-

### e-Stamp

<b>Certificate No.</b>	: IN-KA32110249805457X
<b>Certificate Issued Date</b>	: 24-Jan-2025 12:40 PM
<b>Account Reference</b>	: NONACC (FI)/ kacrsf108/ MAHALAKSHMI/ KA-RJ
<b>Unique Doc. Reference</b>	: SUBIN-KAKACRSFL0898754618404891X
<b>Purchased by</b>	: SANWA DIAMOND TOOLS PVT LTD
<b>Description of Document</b>	: Article 5(J) Agreement (in any other cases)
<b>Property Description</b>	: POWER PURCHASE AGREEMENT
<b>Consideration Price (Rs.)</b>	: 0 (Zero)
<b>First Party</b>	: AEE JIGANI SUB DIVISION BESCOM
<b>Second Party</b>	: SANWA DIAMOND TOOLS PVT LTD
<b>Stamp Duty Paid By</b>	: SANWA DIAMOND TOOLS PVT LTD
<b>Stamp Duty Amount(Rs.)</b>	: 500 (Five Hundred only)



Please write or type below this line

**STANDARD FORMAT OF POWER PURCHASE AGREEMENT FOR ROOFTOP  
SOLAR PV PLANTS WITH NET METERING**

This Power Purchase agreement is entered into at on this **24<sup>th</sup>** Day of **January 2025** between Bangalore Electricity Supply Company Limited (BESCOM), a Government of Karnataka undertaking, being a Company formed and incorporated in India under the Companies Act-1956, with its registered office located at Karnataka State, represented by **Asst. Executive Engineer (Ele.), Jigani Sub-Division, BESCOM, Bannerghatta Anekal Rd, APC Circle, Jigani Link Rd, 1<sup>st</sup> Phase, Jigani, Bengaluru-560105.** 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

## Statutory Alert:

- the first part  
Statutory Alert:  
1. The authenticity of this Stamp certificate should be verified at [www.shclstamp.com](http://www.shclstamp.com) or using a Stamp Mobile App of Stock Holding Corporation of India Ltd. or by the users of the certificate.  
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.

Assistant Executive Engineer (Elc)

560 105.



AND

**Sanwa Diamond Tools Pvt.Ltd** the consumer of BESCOM located at **Plot No.144, Bommasandra, Jigani Link Rd, KIADB Indl.Area, Bommasandra Indl.Area, Jigani, Bengaluru-560105**. Hereinafter, referred to as the "Seller" (which expression shall, unless repugnant to the context or meaning thereof, include his 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 on: 11.06.2024** determined for the period from 01.04.2024 to 31.03.2025".

b. The Seller intends to install a SRTPV system of **191 kWp** capacity on the existing roof top of the premises, situated at **Plot No.144, Bommasandra, Jigani Link Rd, KIADB Indl.Area, Bommasandra Indl.Area, Jigani, Bengaluru-560105** and bearing number RR.No: **AKLHT463** in the same premises, under **Jigani** Sub-Division of BESCOM.

- The Seller intends to sell the energy, generated from the SRTPV system to BESCOM on net metering basis, 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.

- BESCOM intends to purchase the energy, generated by such SRTPV system, on Net-metering basis, 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 BESCOM's distribution system, and it shall be accessible for BESCOM to operate, if required, during maintenance / emergency conditions.



Assistant Executive Engineer (Elc)  
O & M Jigani Sub Division,  
BESCOM, Jigani - 560 105.



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.

• 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 A Indian standards and/or such other measures stipulated by KERC/BESCOM:

- Harmonic current: Harmonic current injections from a generation unit shall not exceed the limits specified in IEEE 519.
- Voltage at the injection point should be in the operating range of 80% to 110% of the nominal connected voltage.
- 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.
- 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.
- 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.
- Power Factor: While the output of the inverter is greater than 50%, a lagging power factor of greater than 0.9, shall be maintained.
- 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 consumer's 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



*[Signature]*  
Assistant Executive Engineer (Elc)  
O & M Jigani Sub Division,  
BESCOM, Jigani - 560 105.

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.3.20/- (Three Rupees Twenty Paise)** per kWh, as determined by the **KERC Order dated on: 11.06.2024** for the term of the 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 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.

Assistant Teaching Engineer (Elc)  
O & M Sub Division,  
BESCOM, Jigani - 560 105.



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 the 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.

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

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. 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 BESCOM commits any breach of the terms of the Agreement, Seller shall serve a written notice specifying the breach and calling upon the BESCOM 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 BESCOM fails to remedy/ rectify the same.

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.

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.

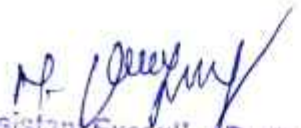





  
Assistant Executive Engineer (Elc)  
O & M Supply Sub Division,  
BESCOM, Jirani - 560 105



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.

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 Bengaluru Electricity Supply Company Limited	For AND ON BEHALF OF SELLER
<p> Assistant Executive Engineer (ELE) By: Designation: <b>Assist.Exe Engineer</b> Address: <b>Jigani Sub-Division, BESCOM, Bannerghatta Anekal Rd, APC Circle, Jigani Link Rd, 1<sup>st</sup> Phase, Jigani, Bengaluru - 560105.</b></p>	<p>  By: <b>Sanwa Diamond Tools Pvt.Ltd</b> RR No: <b>AKLHT463</b> Address: <b>Plot No.144, Bommasandra, Jigani Link Rd, KIADB Indl.Area, Bommasandra Indl.Area, Jigani, Bengaluru-560105</b></p>
<p> Assistant Engineer (Tech) C O &amp; M Sub Division, In Presence of <b>BESCOM, Jigani</b> Name: Designation: <b>Assist.Ele</b> <b>Technical</b></p>	<p> 1.Witness: <b>SURESH N.G.</b></p>
<p>In Presence of Name: Designation:</p>	<p> 2.Witness: <b>RAGHAVENDRA A</b></p>



# BANGALORE ELECTRICITY SUPPLY COMPANY LIMITED

Wholly owned Govt. of Karnataka Undertaking

## Summary of SRTPV Application No. 1000552528

Applicant contact details	
Email Id	vmsolarandelec@gmail.com
Mobile Number	9036113666

Payment Details	
Transaction ID	ZHD5Z2J0B0GQMR
Transaction Date	17-Jan-2025 12:29:02 PM
Transaction Reference Number	841008920821
Amount Paid	17700.0 (inclusive of taxes)
Taxes (CGST & SGST)	2700.0
Payment Mode	UPI
Status	Success
Remarks	PGS10001-Success
GSTIN	29AACCB1412G1Z5
GST Service Account Code Number	998631

Application details	
Application No	1000552528
Type of scheme	Own investment
Type of Grid connectivity	Net Metering
Solar Proposed in kWp	191.0
Minimum Shadow free area in Sq. mtr	1.0
Type of connection	3 Phase HT
PAN	
Aadhar Number	
Pin code	560105
Latitude	12.798508
Longitude	77.657740
MNRE Subsidy sanctioned or	No

Account details	
Account ID	2102080
Applicant Name	M S SANWA DIAMOND TOOLS PVT LTD
Applicant address	ANEKAL TQ PLOT NO 144, KIADB J-B L
City	Plot No.144, Bommasandra Jigani Link Rd, Bommasandra Indl. Area, Bengaluru
Pincode	
Subdivision code	5130205
Subdivision Name	
RR Number	AKLHT463
Sanctioned Load	225.0 kVA
Connection Type	Phase
Tariff category	CTOPERATED - HT-2(A)



# Bangalore Electricity Supply Company Limited

(wholly owned Government of Karnataka undertaking)

## Commissioning & Synchronizing report of SRTPV system (Net / Gross metering)

A	Consumer Details			
1	Name of the Consumer	Sanwa Diamond Tools Pvt.Ltd		
2	Category	Industries / HT2(A)		
3	RR No./Account ID/Connection ID	AKLHT463/ 2102080		
4	Pole Number			
B	Meter Details	Bi-directional Meter		Existing meter
		Main Meter	Check Meter	
1	Meter make: 1ph / 3 ph	Secure	Secure	Schneider
2	Type	E3M024	E3M024	ER300P
3	Serial number	X2508836	X2508837	23292273 <del>22540150</del>
4	Capacity	-1A	-1A	-15A
5	Meter constant	1250	1250	60 <del>80</del> <del>30</del>
6	Initial reading (Tri vector parameters)			
	i) Import	0.09	0.09	0.0000
	ii) Export	0.05	0.05	

232922  
73

Note:

The Bi-directional meter records solar generation and existing meter records installation consumption in case of Gross metering.

The Bi-directional meter records export of solar energy to grid and Import of energy by the installation. Existing meter records the total solar energy generated.

C	Grid Tied Inverter			
1	Make	Growatt		
2	Serial number	LELCD8901J, VAP2E6B06A		



3	Capacity	125kW*01 No's & 50kW*01 No's
4	Input voltage	965Vdc
5	Output voltage	418Vac
6	Whether Anti-islanding feature is in working condition	Yes
<b>D</b>	<b>PV Module</b>	
1	Make	Gautam Solar
2	Serial number	Test Report Enclosed
3	Type of module	Monocrystalline
4	Capacity of each module	0.590kWp
5	Number of modules	324 No's
6	Total capacity of module	191.16kWp
E	Earthing verified: DC earthing, AC earthing, LA earthing of SRTPV system	Yes
F	Details of protective system available	<ul style="list-style-type: none"> <li>• AC &amp; DC DB: Yes</li> <li>• Manual Switch solar side: Yes</li> <li>• Relay operated automatic switch at net-meter side: Yes</li> </ul>
G	AEE, BESCOM inspection & approval letter obtained	Yes
H	Work completion report of SRTPV system obtained from agency	Yes
I	Date of synchronizing with BESCOM grid	16/05/2025

*Himalal*

AEE(Ele.)/EE(Ele.)

MT S/D/Dvn, R/S-----, BESCOM

Asst. Executive Engineer (Ele)

T. Rating Rural South Sub-Division

BESCOM, BANGALORE - 560 001

*Himalal*  
AEE(Ele.)/EE(Ele.)  
O&M  
Assistant Executive Engineer (Ele)  
C.O&M Sub Division  
BESCOM, Jigani



Signature of

ಮೊಂಗಳೂರು ವಿಶ್ವವಿದ್ಯಾನಿಲಯದ ಸರಬರಾಜು ಕಂಪನಿ ನಿಯೋಜಿತ

DATE	AK LHT - 46.5 - Solar Genie solar meter	M/C	SANJOA PRO MACH
FACILITY	-	P/N:	11H K1ADB, J-30

$$K = 60$$

$$H_T = 2.4H$$

2000

Energy storage tank.

PC test of Solar Generation meter

ರಯಮ ಮೈಲಿಗ ಸಾವದ್ "ಚಾಣ್ ಕೃಪೆ ಪಳುಗು, ರೇವಲ್ ಮೊಂಡೆ ಮುತ್ತು ಮುದ್ದಿಂಗೆ ವರು, ಸರ್ವಕೋಟಿ

[illegible]

PC 1st & Solar Generation member

[illegible]

புதுச்சேரி தீவிரம் இல்லை என அரசு அறிவிப்பு  
 இது அப்படி 'காலதாமதம்' என்று சொல்லும்

191 kwf

ಎರಡನೇ ಸುತ್ತಿನಲ್ಲಿಯೂ

June 2

ಶ್ರೀ : 1 ಕಾರ್ಯ ನಿರ್ವಹಣಾ ಅಧಿಕಾರಿಗಳು (2),  
 ಮಾನ್ಯ ಮಂತ್ರಿ, GRAZ. ಸಿ.ಎ.ಎಂ. ಬೆಂಗಳೂರು

Q: Conducted the pre-Commissioning test on Solar Generation meter with it's way checking wiring. Connection found ok. Time action may be taken at your end as per CC-01/2017/RC Rules & regulation.

1715

MATTY GROSS / FIVE SEVEN  
 MATTY GROSS / FIVE SEVEN