

ಬೆಂಗಳೂರು ವಿದ್ಯುತ್ ಸರಬರಾಜು ಕಂಪನಿ  
(ಕರ್ನಾಟಕ ಸರ್ಕಾರದ ಸ್ವಾಮ್ಯಕ್ಕೆ ಒಳಪಟ್ಟಿದೆ)  
ಕಾರ್ಯ ಮತ್ತು ಪಾಲನೆ ವಿಭಾಗ, ಚಂದಾಪುರ,  
ಬಿ.ವಿ.ಕಂ, ಬೆಂಗಳೂರು-560081  
ದೂರವಾಣಿ: 080-2781003



BANGALORE ELECTRICITY SUPPLY COMPANY  
(A Government of Karnataka Undertaking)  
O&M Division, CHANDAPURA  
BESCOM, Bangalore-560081  
E-Mail: eechnopr.work@gmail.com

NO : EE(E)/CDP/AEE(O)/AET-1/ 2025-26 / 4493-97

Date :

2 AUG 2025

**TO WHOMSOEVER IT MAY CONCERN**

This is to certify that the Power purchase Agreement executed between BESCOM and the HT Consumer, installation bearing RR No. JGNHT-967, M/s Sansera Engineering Ltd at Sy No-101/1, 101/2, 101/3, 101/4 & 105/3, Behind OTIS Circle, Jigani Industrial Area, Jigani Village, Anekal taluk for SRTPV plant of capacity 939.6 kWp has been cancelled as per the request of the consumer vide this office order ref no : EE(E)/CDP/AEE(O)/AET-1/ 2025-26 / 3209-16 Dated : 02-07-2025.

In case of any excess energy injected to BESCOM grid from the said SRTPV plant in future then no cost will be paid from BESCOM. Hence, you are instructed to install Reverse Power Relay As per RE Policy-2022 of the state of Karnataka and the same may be approved by Electrical Inspectorate, GOK.



*Signature*  
26/08/25

**Executive Engineer (Ele),  
C, O&M Chandapura Division,  
BESCOM.**

To,

M/s Sansera Engineering Ltd,  
Sy No-101/1, 101/2, 101/3, 101/4 & 105/3,  
Behind OTIS Circle, Jigani Industrial Area,  
Jigani Village, Anekal taluk, Bengaluru -560105.  
Ref RR No-JGNHT-967.

**Copy for kind Information :-**

- 1) General Manager (Ele), DSM Section, BESCOM Corporate Office , Bangalore-560001
- 2) Accounts Officer, O&M Chandapura Division.
- 3) Accounts Officer ( I/A), O&M Chandapura Division.

**Copy to**

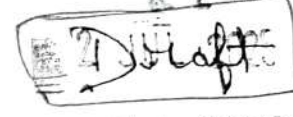
- 1) Assistant Executive Engineer (Ele), O&M Jigani Sub-division, Jigani, is hereby Directed to follow the Orders / Circulars issued by Hon'ble KERC and BECOM in respect of above Installation and submit the compliance to this office without fail. *along with File*
- 2) Office Copy/ MF



NO : EE(E)/CDP/AEE(O)/AET-1 / 2025-26 / 3209-16

Date : 2 AUG 2025

-: Official Memorandum :-



Sub :- Cancellation of PPA Executed between Executive Engineer(Ele), BESCOM, Chandapura Division and M/s Sansera Engineering Pvt Ltd at Sy No-101/1, 101/2, 101/3, 101/4 & 105/3, Jigani Village, Behind OTIS Circle, Jigani for Net Metering SRTPV of HT Installation bearing RR No-JGNHT-967 as per the Request of the Consumer for availing Open Access / Wheeling of Energy from other Sources reg.

- Ref :-
- 1.PPA Executed date 29-03-2023.
  - 2.Synchronization of 939.6 KWp power under Net Metering Dated: 10-08-2023.
  - 3.Representation from Consumer for cancellation of PPA dated: 04-06-2025.
  - 4.This office Letter Ref No-EEE/CDP/AEE(O)/AE(T)/2025-26/ 2289 Dated:04-06-2025.
  - 5.General Manager (Ele), DSM Section, Corporate Office, BESCOM, KR Circle Office Letter No: BESCOM/BC-51/2024-25 / CYS-58 Dated: 25-10-2024.
  - 6.KERC Order Dated: 12-09-2024 & 18-07-2022.
  - 7.For Captive SRTPV plants, Hon'ble KERC Order Dated : 29-11-2023.
  - 8.This Office NOC Letter ref No : EEE/CDP/AEE(O)/AET-1/2025-26/ \_\_\_\_\_ Dated: \_\_\_\_\_.

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**Preamble:-**

SL No	Particulars	Details
1	Name & Address of the Consumer	M/s Sansera Engineering Pvt Ltd, Sy No-101/1, 101/2, 101/3, 101/4 & 105/3, Jigani Village, Behind OTIS Circle, Jigani.
2.	RR No / DOS	JGNHT-967 ; DOS: 13-09-2022.
3.	Contract Demand in KVA	1500 KVA
4.	SRTPV Capacity Sanctioned	939.6 KWp
5.	PPA Executed Date and Rate	29-03-2023. Rs: 3.19 (as per KERC Order Dated :18-08-2021)

- The Consumer of HT Installation bearing RR No- JGNHT-967 has installed 939.6 KW'p of SRTPV Panels and the installation was synchronized on 10-08-2023 with BESCOM Grid through Net Metering arrangement.
- Consumer is willing to Purchasing Power through Wheeling / Open Access mechanism. Since Hon'ble KERC in its order dated 18-07-2022 has restricted the Consumer from having both Net metering SRTPV as well as Wheeling / Open Access facility.
- So, the consumer has requested BESCOM for cancellation of PPA and also requested to issue NOC for utilization of SRTPV Plant for captive consumption.
- Corporate office vide ref (5) has issued necessary guidelines in this matter.
- NOC was issued vide ref (8) for captive consumption.

**Hence this Order ;**

**:-ORDER:-**

- The PPA executed between Executive Engineer (Ele), BESCOM, Chandapura Division and M/s Sansera Engineering Pvt Ltd at Sy No-101/1, 101/2, 101/3, 101/4 & 105/3, Jigani Village, Behind OTIS Circle, Jigani Industrial area, Installation bearing RR NO- JGNHT-967 for 939.6 KWp of Net Metering SRTPV on 29-03-2023 is here by treated as cancelled.
- If in future SRTPV is required the Consumer may apply a fresh application through online.
- The Tariff payable by the BESCOM for new application in future Shall be lower of the 90% of Tariff agreed in the original PPA

OR

Any Revised tariff determined by the KERC prevailing on the date of Supplementary PPA / Commissioning of New SRTPV application in future.

- The period of agreement is 25 Years from the date of Commissioning of the SRTPV System which is unaltered even in Supplementary PPA in future. (Period: 29-03-2023 to 28-03-2048).
- The installation shall be rated by M.T Staff as per norms.
- The Consumer shall abide by the rules/regulations, if any, left out and regulations issued at later dates.

**Executive Engineer(Ele),  
C, O&M Chandapura Division,  
BESCOM.**

*[Handwritten signature and date 1/7/25]*

**Copy for kind Information :-**

1) General Manager (Ele), DSM Section, BESCOM Corporate Office , Bangalore-560001

**Copy to**

- 1) Accounts Officer, O&M Chandapura Division.
- 2) Accounts Officer ( I/A), O&M Chandapura Division.
- 3) Assistant Executive Engineer (Ele), O&M Jigani Sub division, Jigani, is hereby Directed to follow the Orders / Circulars issued by Hon'ble KERC and BECOM in respect of above Installation and submit the compliance to this office without fail.
- 4) Assistant Accounts Officer, O&M Jigani Sub division.
- 5) M/s Sansera Engineering Pvt Ltd at Sy No-101/1, 101/2, 101/3, 101/4 & 105/3, Jigani Village, Behind OTIS Circle, Jigani Industrial area, Installation bearing RR NO- JGNHT-967.
- 6) Assistant Engineer (Tech), O&M Chandapura Division.
- 7) SRTPV Case Worker, Chandapura Division.
- 8) Office Copy.



Co. No. 50  
Domestic Supply Dept  
4 JUN 2025 No. F-1494  
30/6/5

To,  
The Executive Engineer (Ele.)  
C, O & M Division BESCOM office,  
Chandapura, Bangalore.

Respected Sir,

**Sub:** Requisition for cancellation of the net metering PPA and issue an NOC for a 939.6 KWp Solar Roof-Top Power System located in M/s. Sansera Engineering Limited, Sy Nos: 101/1,101/2,101/3,101/4 and 105/3, OTIS Circle, KIADB Phase 2, Jigani Industrial area, Jigani and Bangalore -560105. Under Captive consumption.

Ref:

1. BESCOM/GM(DSM)/AGM(CBC)/BC-51/2014-25/CYS-58 Dated: 25-10-2024.
2. KERC notification letter 18.07.2022.
3. KERC notification letter 12.09.2024.
4. BESCOM/BC-51/2023-24/2852-57 Dated: 03-11-2023.

We have installed a 939.6kWp SRTPV Plant at **M/s. Sansera Engineering Limited**, Sy Nos: 101/3, 101/4 and 105/3, Muneshwara Farm, KIADB Phase 2, Jigani Industrial area, Anekal Taluk and Bengaluru -560105 under net metering basis in 2023. The present company management decided to take open access energy from the third party, so as per the KERC norms, we need to enter a one PPA with BESCOM, so for that reason, we plan to surrender the solar rooftop plant net metering PPA to the BESCOM office. And installed a Reverse power protection relay in the Main control panel to avoid the excess solar power flow back to the BESCOM grid.

We have enclosed the CEIG-approved drawings and documents with solar rooftop plant approved copies for your review.

Please check and do the needful at the earliest.

Thanking You

Your Sincerely

M/S. SANSERA ENGINEERING LIMITED.

## SANSERA ENGINEERING LIMITED

(Formerly Sansera Engineering Pvt Ltd)

Aerospace Division, Sy. No. 101/3,101/4 & 105/3, Muneshwara Farm, KIADB Phase-2,  
Jigani Industrial Area, Anekal Taluk, Bengaluru - 560 105 | Ph : 080 22440528/29,

Reg Off.: No.143/A, Jigani Link Road, Bengaluru - 560105, India. Tel : +91 80-27839081/82/83 Fax : +91 80-27839309.

E-mail id : info@sansera.in Website : www.sansera.in CIN : L34103KA1981PLC004542



GOVERNMENT OF KARNATAKA

(Electrical Inspectorate)

No: ACEI/BS/AEI-1(O)/

/2025-26

740-43

The Additional Chief Electrical Inspector,  
Bengaluru South, No. 53/2, 2<sup>nd</sup> Floor  
Behind Sri Nijaguna Kshetra.  
Bull Temple Road, Basavanagudi.  
Bengaluru-560019

To,  
M/s. Sensera Engineering Limited,  
Sy No.103/3,101/4 & 105/3,  
Muneshwara Farm, OTIS Circle,  
KIADB Phase 2, Jigani Industrial  
Area, Anekal Taluk, Bengaluru-560105.

Date:

10.06.2025

Sir,

Sub: Approval to commission the electrical installation of Reverse Power Relay Installed in the HT Panel at above said premises bearing RR No.JGNHT-967.

Ref: 1) Req Letter No: Nil, Dated: 05.06.2025

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Approval as required under Regulation 45 of the CEA Regulation 2023 is hereby accorded to commission the electrical installation of Reverse Power Relay Installed in the HT Panel at M/s. Sensera Engineering Limited, Sy No.103/3, 101/4 & 105/3, Muneshwara Farm, OTIS Circle, KIADB Phase 2, Jigani Industrial Area, Anekal Taluk, Bengaluru-560105, bearing RR No. JGNHT-967, as the electrical installation is found to be in general conformity with CEA Regulations 2023.


Details of Equipments:

Reverse Power Relay:

Make: Lauritz Knudsen, Model:MRP11, Sensing voltage input: 30-300V AC 50HZ. Sensing current input: 1A/5A, Aux voltage:50-500V AC/DC or 24V DC, SI.No:24104978.

Further, the fees of 1500/- (Rupees: One Thousand Five Hundred only) has been paid vide Ch. No: CR0625004300047472, Dt.04.06.2025 at Khaajane2 web portal is hereby acknowledged.

Yours Faithfully,

  
Additional Chief Electrical Inspector  
Bangalore South, Bangalore

Copy to:

1. The Deputy Chief Electrical Inspector, Bangalore Addl South for information
2. The Electrical Inspector, Bangalore Addl South for information
3. The Deputy Electrical Inspector, Bangalore Addl South for information
4. OC/MF.





GOVERNMENT OF KARNATAKA  
(Electrical Inspectorate)

Lr. No

Ack No : EI000110608606

Date : 01/12/2023

GSC No :

O/o Chief Electrical Inspectorate to Govt.,  
Nirman Bhavan, 2nd Floor, P.B. No 5148,  
Dr. Rajkumar Road, Rajajinagar, Bangalore-560010  
Phone No :080-23371693

To

SANSERA ENGINEERING LIMITED

SY No 101/3, 101/4 105/3, Muneshwara Farm, KIADB Phase-2  
Jigani Industrial Area, BENGALURU(District), ANEKAL(Taluk)  
Karnataka, India-560105

Sub : Approval of electrical installation pertaining to 700kW(939.58kWp DC) Solar Roof Top system comprising of 1724 numbers of PV modules each capacity is 545Wp and 7x100kW Inverters and replacement of existing unidirectional HT Metering cubical by Bidirectional Metering Cubical installed in an existing installation **SANSERA ENGINEERING LIMITED** SY No 101/1, 105/3, KIADB Phase-2, Jigani, Jigani Industrial Area, Anekal Tq, BANGALORE ADDL SOUTH (District), BANGALORE ADDL SOUTH(Taluk) - 560105

Drawing Ref No : EI000110589876

Ref : 1. Ack. No:EI000110589876 Dt. 31-10-2023 approving the installation drawings.  
2. Work completion report submitted through online portal vide Ack. No: EI000110608606 Dt. 21-11-2023

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With reference to the above, approval is hereby granted for energizing the electrical installation at [ **SANSERA ENGINEERING LIMITED** with **SY No 101/1, 105/3, KIADB Phase-2, Jigani, Jigani Industrial Area, Anekal Tq, BANGALORE ADDL SOUTH, BANGALORE ADDL SOUTH - 560105** ] under Regulation No. [ 32 ] of Central Electricity Authority (Measures relating to Safety and Electric Supply) Regulation, 2010 as per details enclosed.

This approval is strictly subject to your full compliance with the relevant provisions of the Central Electricity Authority (Measures relating to Safety and Electric Supply) Regulation, 2010 (as amended to date) in every respect.

Note :

Conditions :

1. As per Regulation No: 46(5) and 46(6) required records shall be maintained.
2. As per Regulation No: 46(7) the installation shall be maintained and operated in a condition free from danger.
3. As per Regulation No: 3 designated person(s) shall operate and carryout the work on electrical lines and apparatus

Inspection fee of Rs. 12,100/- (IN WORDS) *Twelve Thousand One Hundred only* paid vide K2 Challan Ref. No: **EL1123004300010781** dated **21/11/2023**

Electrical Installation Approval

Ack No : EI000110608606

Date : 01/12/2023



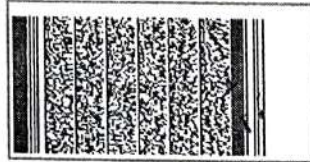
**GOVERNMENT OF KARNATAKA  
(Electrical Inspectorate)**

**Details of Equipments :**

- 1) 700kW (939.6kWp DC) SRTPV System ( SRTPV No: 649/2023-24 )
1. Solar PV Module : Make: Tata Power Solar, Total 1724 Nos. of 545Wp Solar PV Modules  
Voc: 49.70V, Isc: 13.22A, Imp: 13.62A
2. Inverter : Make: Shenzhen Growatt New Energy Technology Co. Ltd,  
7x100kW, 600V, Range: 180V-1000V, Max IP: 1100VDC  
Sl. Nos: 1) LBL9DBM03A (2) LBL9DBM05S (3) LBL9DBM04M  
4) LBL9DBM04N (5) LBL9DBM04U (6) LBL9DBM03S  
7) LBL9DBM02Z
3. LT Switchgear : ACB, 1600A, 415V, Make: L & T, Sl. No: CW888303U
4. LT Cable : 4Rx3.5Cx300Sqmm Al. Cable of length 0.092Kms
5. Bidirectional Meter : Make: L & T, 3 Ph, 4 Wire, -/1A, 3x63.5V, Class: 0.2S, Sl. Nos: 23010844 and 23010747

**CONDITIONS :**

1. This approval is subject to condition of compliance of Central Electricity Authority (Measures Relating to Safety Electric Supply) Regulations, 2010, framed under the Electricity Act 2003 and also The Karnataka Electricity (Taxation on consumption or sale) Act, 1959 and the Karnataka Electricity (Taxation on consumption or sale) Rules 2014.
2. This approval is subject to condition of clause (a) of sub-section (2) of Section 3 of the Karnataka Electricity (Taxation on consumption or Sale) Act, 1959, (Karnataka Act 14 of 1959), prescribed tax per unit shall be remitted as electricity tax on captive consumption of electricity generated by the Captive power generating plant.
3. Monthly tax returns shall be filed in Forms 'G' and same shall be sent to jurisdictional DEI's Office, under intimation to the undersigned.
4. This approval shall be displayed at the generator room or in the control room.
5. Log book detailing/ showing day-to-day generation of energy and fuel consumption shall be maintained.
6. The energy meter shall be got calibrated once in a year and CTs shall be got tested once in three years respectively and Calibration and Test Certificates shall be sent to jurisdictional DEI's Office, under intimation to the undersigned.  
Calibration & Test may done by the KPTCL or any other approved agencies.
7. The set shall always be kept open for inspection of Electrical Inspectorate authorities.
8. Any change in the generator machineries shall be intimated to this office and fresh approval shall be obtained.
9. Shifting of generator machineries shall be intimated and prior approval of the undersigned shall be obtained.
10. Necessary clearance shall be obtained from KSPCB.
11. It shall be the responsibility of the owner of all installations to maintain and operate the installation in a condition free from danger and as recommended by the manufacturer or by the relevant codes of practice of the Bureau of Indian Standards.



Digitally Signed by : **THEETHIRA NANJAPPA APPACHU**  
Chief Electrical Inspector to Government  
Bangalore  
Signed Date : 01/12/2023

Note: This is a Digitally Signed Certificate and Does not require manual signature.

Please, Verify authenticity of this certificate by visiting [www.ksel.gov.in](http://www.ksel.gov.in) and entering certificate number in Third party verification.