



BANGALORE ELECTRICITY SUPPLY COMPANY LIMITED

Wholly owned Govt. of Karnataka Undertaking

Ref:

Asst. Executive Engineer (Ele.)(Com.
O&M),BESCOM, Above Canara Bank, APC
Circle, Jigani Link Road, Jigani Village, Anekal
Taluk
Date: 18.09.2025

To,

RAMAKRISHNA MISSION BELUR MATH
SY NO.160/3 SHIVANAHALLI

2891 / 18/9/25

Madam/Sir,

Sub: Certificate of synchronization of your SRTPV system

Ref: Application Reg No. 1000640756 dated 23.06.2025

Synchronization test of Solar Rooftop PV system of 119.78 kWp, installed on the roof of your installation bearing RR No.: SNHEVC16324 has been conducted and your SRTPV system successfully synchronized with the BESCOM grid at LT voltage level on 18.09.2025

Yours Faithfully

sd/-
Assistant Executive
Engineer(Ele)
Jigani Subdivision
, BESCOM.

ASLC



ಬೆಂಗಳೂರು ವಿದ್ಯುತ್ ಸರಬರಾಜು ಸಂಸ್ಥೆ
 ಪರಿಶೀಲನೆ ಮತ್ತು ಸರಕು ಪಟ್ಟಿ
 ಪರಿಶೀಲನೆ ಮತ್ತು ಸರಕು ಪಟ್ಟಿ
 ಪರಿಶೀಲನೆ ಮತ್ತು ಸರಕು ಪಟ್ಟಿ

Verified

On Date 16/9/25

28450

SA/Asst. SA/Asst. SA/Asst.

ACKNO - 510/16/9/25/11/9/25

ವಸ್ತುಗಳ ಹೆಸರು	ಸ್ಥಿತಿ	ಪರಿಮಾಣ ಸಂಖ್ಯೆ	ದರ	ಮೊಬಲಗು	ಕಾರ್ಯದರ್ಶಿ ಅಥವಾ ಅನುಮತಿಸಿದ ಸಂಖ್ಯೆ
Electronic M14P vector meter A, class-1 uncal	Good	01			ACKNO - 510/16/9/25
SNHENC - 16324					
D.O.C -		12/5/2025			
D.O.D -		03/09/25			
rate - 1st		1clan - 0.25			
LN - 2402308					
ACKNO 510/16/9/25					
J. Shanka					

STORE KEEPER ರುಬು
 BESCOM, Chandapura Division

ದಿನಾಂಕ : 16/09/25 ಪದನಾಪ
 Assistant Executive Engineer (Ele)
 C.O&M Sub Division,
 BESCOM, Jigani
 JUNIOR ENGINEER
 Bannerghatta O & M
 Jigani Sub-Division



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	Ramatkrishna mission Bellurmath		
2	Category			
3	RR No./Account ID/Connection ID	SNHEVC 16324		
4	Pole Number			
B	Meter Details	Bi-directional Meter	Check Meter	Existing meter
1	Meter make: 1ph / 3 ph	Secule	Secule	L&T
2	Type	E3M024	E3M024	ER 300P
3	Serial number	X2536824	X2536830	24023085
4	Capacity	3x 1A	3x 1A	3x 1A
5	Meter constant	700	700	400
6	Initial reading (Tri vector parameters)			
	i) Import	CKWH: 0.056	CKVAH: 0.056	
	ii) Export	CKWH: 0.056	CKVAH: 0.056	
Note: 1. The Bi-directional meter records solar generation and existing meter records installation consumption in case of Gross metering. 2. 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	Solis		
2	Serial number	1018FD024C140003.		

FR
10.888

ನಿರ್ದೇಶಕ ಇಂಜಿನಿಯರ್ (ಎ) ಕೈಗಾರಿಕೆಯ ಮಾದರಿ
 : ಉಪ ವಿಭಾಗ, ಬಿ.ಎ.ಕೆ. ಟ್ರಾಂಫ್
 ದಿನಾಂಕ : 03/09/2015
 ಕ್ರಮಾಂಕದ ಪತ್ರಕವಲಾದವಾಗಿ
 ರೂಪು ಮಾದರಿ ಸವರ್ಣಿ ಇಂಜಿನಿಯರಿಂಗ್ ಕಾಲೇಜು, ಬಿ.ಎ.ಕೆ. ಟ್ರಾಂಫ್
 SI = 120kW K = 40

ರೇಟ್ ಮಾದರಿ ಕಾರ್ಯನಿರ್ವಹಣೆ/ದಾಖಲೆ
 per formula test for SPIR Synchro

ಕಯಾರಿಕೆ	ಆವರ್ತ ವಲ್ಟ/ಕೆ.ವಾ	ಸಂಖ್ಯೆ	ಮಾದರಿ	ಫೇಸ್	ವೋಲ್ಟ	ಆಂಪ್	ಒ.ಟಿ. ಪ್ರಮಾಣ	ಗುಣಕ	ಕಡೆಯಲ್ಲಿ ಡಿಜಿಟಲ್	% ದೋಷ	ಸ್ಥಳ	ಕಂದಾಯ
1	2500	9572 8312	CR	300	240	50	200/5	40	0.0000		ಪಿ.ಎಸ್.ಐ.	3

ಮಾಪಕದಲ್ಲಿ ಕಾಣಿಸಿದ ವಿವರಗಳು	ಕಯಾರಿಕೆ :	ಮಾಂ	ಆವರಣದ	ಮಾಂ	ಆವರಣದ
0.0000	ಪ್ರಮಾಣ :	ETC			
0.00	ಟ್ರಾನ್ಸ್/ಡಿ :	200/5			
0.00	R :	0.553		R :	
	Y :	0.0386		Y :	
	B :	0.0587		B :	
	N :	0.0585		N :	

ಮಾಂ	ಆವರಣದ ಮಾಂ	ಆವರಣದ ಮಾಂ
1. ಲೆಕ್ಕ ಮಾಡಿದ ಆವರ್ತದ ಸಂಖ್ಯೆ (C)	ಮಾಂ ದಾಖಲೆ/ಮಾಂ ದಾಖಲೆ	ಮಾಂ ದಾಖಲೆ/ಮಾಂ ದಾಖಲೆ
2. ಆವರ್ತ ಕೆ.ವಾ (R)		
3. ಒ.ಟಿ. ಪ್ರಮಾಣ (K)		
4. ಆವರ್ತದ ಆಂಪ್ ಕಂದಾಯ ಬಿಟ್ಟು		
% Error = $\frac{\left(\frac{C}{R} \times K\right) - A}{A} \times 100$		

ಪರೀಕ್ಷೆ : Conducted pre-commissioning test for ETV (Solar Generating unit) made with CT's 200/5 by checking wiring connection found ok. Feeder action may be taken at your end as per KCR Rules & regulation.

11978



Technical Feasibility Report
For the SRTPV plants from 1kWp to 50kWp
(To be submitted by the Assistant Executive Engineer(AEE))

Sl No.	Parameter	Utility Observation
A		
Distribution Transformer Details		
1	Location	
2	Capacity in KVA	Shivanehalli.
3	Total Connected load in kW	250KVA
4	SRTPV capacity already connected in kWp	120kW
5	SRTPV Capacity already proposed which is under progress in kWp	—
6	Proposed SRTPV capacity in kWp	—
7	Total Generation Capacity (4+5+6) in kWp	120kWp.
8	Whether the transformer capacity is adequate to deliver the proposed SRTPV system in addition to existing/ already proposed under progress solar RTPV systems* (The Transformer shall be loaded upto 80% of capacity)	120 kWp.
B		
Feeder Details		
1	Name of the 11kV feeder	
2	Feeder Number	F15 Shivanehalli
3	Name of the 66/11kV Sub-Station	F15 - 11/11/15
4	Type of the conductor/ cable (size)	66/11kV galvanized
5	Total connected load on the feeder in kVA	Rabbit ACSE
6	Total capacity (kWp) of SRTPV systems connected on the feeder	10574 kVA.
7	Peak load on the feeder in Amps	170kWp
8	Proposed SRTPV installation is technically feasible, if the total SRTPV capacity is less than or equal to the 11kV feeder capacity.	96A

The Transformer shall be loaded upto 80% of capacity.

Enclosure: 11kV feeder & LT Distribution sketch of the transformer.

I hereby certify that the above said SRTPV installation is technically feasible/not.

Signature and Name
AEE/Et
10/08/20

Summary of SRTPV Applicant

Applicant contact details

Email Id	swaminahavalyananda@gmail.com
Mobile Number	9880308545

Payment Details

Transaction ID	BHDF84100BAXLT
Transaction Date	23-Jun-2025 05:10:39 PM
Transaction Reference Number	839630967873
Amount Paid	17700.0 (inclusive of taxes)
Taxes (CGST & SGST)	2700.0
Payment Mode	Net banking
Status	Success
Remarks	
GSTIN	PGS10001-Success
GST Service Account Code Number	29AACCB1412G1Z5

Application details

Application No	1000640756
Type of scheme	Own Investment
Type of Grid connectivity	Scheme