Bangalore Electricity Supply Company Limited
(wholly owned Government of Karnataka undertaking)

Telephone : 080-2234 0816
Email ID : gmdsm@bescom.co.in, gmdsm.work@gmail.com
Ref No. : BESCOM/BC-51/GM(DSM)/2025-26/CYS-48
Encl : Common SOP for DSPV Projects

Office of the
General Manager (Ele).,
DSM, Corporate Office,
BESCOM, K.R. Circle,
Bangalore–560 001.
Date:01.12.2025

CIRCULAR

Sub: Common Standard Operating Procedure for BESCOM, HESCOM, GESCOM, CESC, MESCOM & HRECS for implementation of Distributed Solar PV Projects(DSPV) in the state of Karnataka.

Ref:

1. G.O No: ENERGY/346/VSC/2023 Bengaluru dated 11.01.2024Government.
2. G.O No: ENERGY 346 VSC 2023 BENGALURU, Dated 24.05.2024
3. Common SOP for Implementation of SRTPV Scheme Dated:04.07.2024

PREAMBLE:

The Energy Department, Government of Karnataka, vide Government Order No. ENERGY 346 VSC 2023, Bengaluru, dated 24.05.2024, issued directives for the implementation of Solar Rooftop Projects across the State. In accordance with the said Government Order, BESCOM was mandated to develop the procedure and a Common Standard Operating Procedure (SOP) for SRTPV implementation and circulate the same to all ESCOMs for uniform adoption.

In pursuance of these directions, BESCOM prepared the Common SOP, which was issued vide Circular No. BESCOM/BC-51/2024-25/CYS-23, dated 04.07.2024 and the same was subsequently adopted by all ESCOMs. Consequent to the issuance of the KERC Generic Tariff Order dated 09.07.2025, the existing Common SOP has been revised, updated, and aligned with the provisions of the said Tariff Order.

Hence this Circular;

In pursuance of the directions issued by the Government of Karnataka (GoK), all ESCOMs of the State—BESCOM, HESCOM, MESCOM, GESCOM, CESC, and HRECS—have to adopt and implement the Common Standard Operating Procedure (SOP) for the execution of Distributed Solar PV (DSPV) Projects in Karnataka, as enclosed with this circular.

The Common SOP is required to be host on their respective official websites of ESCOMs, ensuring its accessibility to consumers, developers, stakeholders and field officials.

For ready reference, the main highlights are also enclosed with this circular.

Approved by MD, BESCOM

General Manager (DSM)
BESCOM, Bangalore

Copy submitted for kind information to:

1. The Chief Engineer (Operations), Corporate Office, GESCOM, Kalburgi with a request to issue necessary directions for implementation as per this circular.

Copy submitted to:

1. The Chairman, Hukkeri Rural Electricity Co-operative Society(HRECS) with a request to implement the circular.
2. The General Manager (Projects), Corporate Office, CESC, Mysore with a request to implement the circular.
3. The General Manager (Tech), Corporate Office, HESCOM, Hubballi with a request to implement the circular.
4. The Superintending Engineer (Comml), Corporate Office, MESCOM, Mangalore with a request to implement the circular.

Copy for kind information to

5. PS to MD/D(T), BESCOM with a request to place it before the Chair.
6. PS to MD/D(T), HESCOM with a request to place it before the Chair.
7. PS to MD/D(T), MESCOM with a request to place it before the Chair.
8. PS to MD/D(T), GESCOM with a request to place it before the Chair.
9. PS to MD/D(T), CESC with a request to place it before the Chair.

Main Highlights of the Common SOP are as below:

1. The SRTPV nomenclature has been changed to DSPV Plants (Distributed Solar PV plants).
2. The permissible locations for Installation of Solar PV panels are: on the walls of buildings as *façade-integrated solar installations,* on the rooftop of buildings, on elevated structures within the premises with minimum clearance of 8 (eight) feet subject to compliance with applicable building bye-laws and adherence to all relevant safety regulations/standards.
3. The minimum permissible capacity of a DSPV plant shall be 1 kW (DC). The maximum capacity shall be limited upto the sanctioned load of the consumer's installation.
4. The consumers are allowed to install the Distributed Solar PV grid tied plants with Generators and hybrid grid tied inverter with the battery.
5. No PPA is required for LT domestic Consumers i.e. upto DSPV capacity of 150kW. The online application format covers all the terms and conditions for implementation of Distributed Solar PV Plants with net /gross metering.
6. The online PPA shall be executed by the Consumer for all the DSPV applications which are considered as deemed feasible i.e. for all applications upto 150kW capacity of other than LT domestic Consumers.
7. The offline PPAs shall be executed for DSPV applications of more than 150kW capacity. The PPAs are to be executed on Rs. 500 value non-judicial stamp paper in Commission approved format.
8. For capacities upto 500kWp, Assistant Executive Engineer(Ele) of the O & M Sub-Division is the PPA approval authority.
9. For capacities above 500kWp and upto & inclusive of 1000kWp, PPAs shall be approved by Corporate Office of the respective ESCOMs.
10. The approval of the KERC shall be obtained for all PPAs of DSPV applications with capacities of above 1000kW.
11. If a Consumer requests for installation of additional solar capacity, the present PPA shall be canceled and new PPA shall be executed for 25 years with PPA rate being 90% of PPA tariff or present tariff, whichever is lower.
12. No hard copies of the documents, except for PPA in case of offline PPA, shall be collected from Consumer / Installer. If required, documents shall be downloaded by AE(T)/AAO using their login credentials.
13. For subsidy applications, after synchronization in ESCOM portal, the AEE of C,O&M sub-division should mandatorily complete Inspection Approval in the MNRE portal as per the MNRE guidelines.
14. The check meter shall be provided for DSPV systems of capacity more than 50kWp.
15. In case, if the change of HT Metering Cubicle is required, the sub division officers shall prepare estimate and intimate to the Consumer the supervision charges to be paid, within 07 days of PPA execution.
16. Installation of smart meter is mandatory for DSPV installations upto capacity 50kW. Both the bidirectional meter and solar generation meter should be smart meter.

General Manager (DSM)
BESCOM, Bangalore

Common Standard Operating Procedure for implementation of Distributed Solar Photovoltaic (DSPV) Plants in the State of Karnataka

Prepared by DSM Section BESCOM

COMMON STANDARD OPERTATING PROCEDURE FOR IMPLEMENTATION OF DISTRIBUTED SOLAR PV (DSPV) PROJECTS

(SRTPV shall hereafter be referred to as DSPV)

Index

I. PREAMBLE:

The Energy Department, Government of Karnataka, through Government Order No. ENERGY 346 VSC 2023, Bengaluru, dated 24.05.2024, issued directives for the implementation of Solar Rooftop Projects in the State.

In pursuance of these directives, it was mandated that BESCOM to develop the procedure and Standard Operating Procedure (SOP) for SRTPV implementation and circulate to all other ESCOMs, who in turn should follow without any deviation.

Accordingly, BESCOM prepared the Common SOP, which was issued vide Circular No. BESCOM/BC-51/2024-25/CYS-23 dated 04.07.2024, and subsequently adopted by all ESCOMs.

With the issuance of the KERC Generic Tariff Order dated 09.07.2025, the existing Common SOP now requires modification and updation.

The revised procedure and SOP detailed below shall be read with the following Regulations and Orders and its modifications issued thereof:

Table No.1

Sl. No	Issued By	Date	Description
1	KERC	19.09.2016.	Modifications to the order dated 2nd May 2016 in respect of Determination of tariff and other norms for Solar Rooftop and small Photovoltaic power plants
2	KERC	15.12.2016	The KERC (Implementation of Solar Rooftop Photovoltaic Power Plants), Regulations 2016
3	KERC	15.09.2017	Tariff and other Operational Procedures applicable for Multiple/Combined SRTPV in single premise
4	Energy Department	19.07.2018	Notification No: EN 106 EBS 2018, Bengaluru dated 19.07.2018 regarding tax on self-consumption.
5	Energy Department	27.08.2018	Inspection by Electrical Inspector for the Generating Units including Solar Rooftop Units

Sl. No	Issued By	Date	Description
6	KERC	09.12.2019	Decision on Various Models and Guidelines for SRTPV allowed to be installed on consumer's rooftop
7	MNRE, GoI.	10.06.2022	Guidelines for simplified procedure
8	KERC	18.07.2022	Net metering arrangement for eligible consumers of Solar Rooftop Photovoltaic (SRTPV) plant.
9	KERC	02.03.2023	Evacuation / Utilization of Solar Energy Generation at LT/HT Voltage and connect to their LT/HT system
10	MNRE, GoI.	17.05.2023	OM for empanelment of Vendors
11	KERC	01.06.2023	Determination of tariff for SRTPV plants for FY-2023-24
12	Energy Department	11.01.2024	GO No: ENERGY/ 346/VSC/2023 Bengaluru Formation of Expert Committee.
13	KERC	06.03.2024.	KERC (Pre-paid Smart Metering) Regulations, 2024
14	Energy Department	04.05.2024	Report of the Expert Committee
15	MNRE, GoI	07.06.2024	Operational Guidelines for Implementation of PM Surya Ghar: Muft Bijli Yojana for the component "CFA to the Residential Consumers"
16	KERC	11.06.2024	Determination of tariff for SRTPV plants for FY-2025
17	KERC	26.11.2024	KERC (Fee) Regulation 2024
18	KERC	05.12.2024	Enhancement of sanctioned load up to and inclusive of 10 kW for SRTPV Consumers and other related matters
19	MNRE, GoI	07.06.2025	Amendment in Guidelines for Implementation of PM Surya Ghar: Muft Bijli Yojane
20	KERC	09.07.2025	Determination of tariff for SRTPV plants for FY-2025
21	KERC	17.06.2006	Conditions of Supply of Electricity of Distribution Licensees in the State of Karnataka and subsequent amendments issues to it.

Summary of Commonly Used Terminologies in the Implementation of DSPV Projects

1. **Installation of Distributed Solar PV (DSPV) Systems**

a) Permissible Locations

Installation of Solar PV panels shall be permitted on the following areas, subject to compliance with applicable building bye-laws and adherence to all relevant safety regulations/standards:

- On the **walls of buildings** as *façade-integrated solar installations*.
- On the **rooftop of buildings**.
- On **elevated structures within the premises**, constructed from the ground level, provided that such structures maintain a minimum ground clearance of **8 (eight) feet at the lowest point**.

b) Plant Capacity Determination

For the purpose of capacity determination, the **DC capacity** of a DSPV plant shall be reckoned as the *arithmetic sum (total wattage) of the Maximum Power Rating of all installed solar modules/panels*.

c) Minimum and Maximum Capacity

The minimum permissible capacity of a DSPV plant shall be 1 kW (DC). The maximum capacity shall be limited upto the sanctioned load of the consumer's installation.

d) Tolerance in DC Capacity of PV Panels

For installation of SRTPV system up to and inclusive of 10 kW sanctioned load, a capacity tolerance of up to 10% shall be allowed for the applied system capacity (DC), subject to condition that the AC capacity of the inverter shall not exceed the sanctioned load.

e) Conversion of Sanctioned Load

- Where the sanctioned load is expressed in **KVA**, it shall be converted to **kW** by applying a multiplication factor of **0.85 for LT installations & 0.90 for HT installations**.
- Where the sanctioned load is expressed in **HP**, it shall be converted to **kW** by applying a multiplication factor of **0.746**.

f) Provision for Installation of DSPV Plants with Generators and Hybrid Inverters:

The consumers are allowed to install the Distributed Solar PV grid tied plants with Generators especially during periods of low sunlight or grid outages. Even the consumers are allowed to use the hybrid grid tied inverter with the battery to the Distributed Solar PV plant.

g) SOP on Sanctioned Load and Installation of DSPV Plants:

Table No.2

Provision	Responsibility of	
	Distribution Licensee	**Consumer**
Installation beyond sanctioned load (up to 10 kW DSPV)	Allow consumer to install SRTPV plant of capacity upto and inclusive of 10kW even if the sanctioned load is less than the solar proposed capacity and the sanctioned load of the consumer shall be enhanced automatically to match the required capacity of SRTPV plant	Shall Apply for the DSPV installation as per the prescribed format.
Augmentation of Network	Where required, augment **distribution lines / transformers of the Distribution Licensee** to accommodate the enhanced load.	Allow access to premises for augmentation works.
Increased Sanctioned Load	Record enhanced sanctioned load in consumer account. Issue revised demand note for applicable charges and security deposit.	• Pay applicable charges • Deposit additional security • Execute **Power Supply Agreement(PSA)** for additional load.
Compliance Before Commissioning	Verify that consumer obligations have been met before granting commissioning approval for DSPV plant.	• Ensure all payments and agreements are completed prior to commissioning.

2. **Application & Facilitation Fees:**

The applications are broadly considered into following 02 categories;

I. Without Subsidy (Non-Subsidy)

II. With Subsidy (PM Surya Ghar Yojana)

- The registration and the facilitation fee **have been waived off** for the consumers applying under subsidy scheme of DSPV under PM Surya Ghar Yojane.
- The application and facilitation to be paid by Consumer for applying under **non-subsidy DSPV** scheme is as tabulated below;

Table No 3

Sl. No	Capacity of the proposed DSPV system	Registration Fee	Facilitation Fee	Total Amount
1	From 1kWp Upto and inclusive of 5kWp	Rs.500/-	Rs.1000/-	Rs.1,500/- plus applicable GST
2	Above 5kWp Upto and inclusive of 50kWp	Rs.1000/-	Rs.2000/-	Rs.3,000/- plus applicable GST
3	Above 50kWp and Upto 1000kWp	Rs.2000/-	Rs.5000/-	Rs.7,000/- plus applicable GST
4	Above 1000kWp and Upto sanctioned load	Rs.5000/-	Rs.10000/-	Rs.15,000/- plus applicable GST

3. **Metering arrangement:**

Table No.4

Sl. No.	Type of Metering	Eligible Consumers	Remarks
1	**Gross Metering / Net Metering**	All category of consumers.	As per Commission's Order dated **19.09.2016**, consumers are allowed a **one-time irrevocable option** of either Gross or Net Metering at the time of signing of PPA/ at the time of providing consent, as the case may be.
			Consumers under Net Metering opting to procure power through **Open Access** shall be permitted, subject to the condition that ESCOMs shall **not pay for net exported energy**. In such cases, a **Supplementary PPA (SPPA)shall be executed/consent shall be provided as the case may be.**
2	**Virtual Net Metering (VNM) & Group Net Metering(GNM)**	Separate SoP will be issued	

4. Feasibility for LT installations:

Every DSPV plant of less than 150 kW capacity shall be connected only to the existing distribution transformer through which the eligible consumers are being supplied electricity. In such cases, the total capacity of the existing and proposed DSPV plants on that distribution transformer shall not exceed 80% of the rated capacity.

Note:

i. This is applicable only for LT installations.

ii. The installations with solar proposed capacity upto 150kW are considered to be deemed feasible. There is no requirement of issuing feasibility reports for such DSPV plants.

5. Feasibility for HT installations:

Every DSPV plant of more than 150 kW capacity shall be connected only to the existing 11 kV distribution system. In such cases, the total capacity of the existing and proposed DSPV plants shall be limited so that line current does not exceed 80 % of the rated current capacity of the line

Note: This is applicable only for HT installations.

6. Installation of More than 150kW plant capacity for LT Consumer:

If a LT consumer requests for installation of DSPV plant of capacity more than 150 kW, the consumer shall convert to HT system i.e., the billing meter shall be HT meter with metering cubicle and solar generation meter shall be 3 phase LT CT Operated meter (For net meter arrangement only).

7. Installation of More than 150kW plant capacity for HT Consumer:

If a HT consumer requests for installation of DSPV plant of capacity more than 150 kW, the billing meter shall be bi-directional HT meter and solar generation meter will be 3 phase LT CT Operated meter (For net meter arrangement only).

8. Power Purchase Agreement:

No requirement of PPA to be executed between the Consumer and the ESCOMs for the Distributed Solar PV Plant capacity with net/gross metering arrangement for LT Domestic Consumers upto 150 kW. The online application format covers all the terms and conditions for implementation of Distributed Solar PV Plants with net /gross metering.

Other than the above, the term of Power Purchase Agreement is for a period of 25 years and the Power Purchase Agreement (PPA) Execution Authority on behalf of ESCOMs are as tabulated below;

Table No.5

Sl. No.	DSPV plant Capacity	PPA Execution Authority
1	From 1kWp to 500kWp	Assistant Executive Engineer(Ele), O & M Sub-Division
2	Above 500kWp	Executive Engineer(Ele) O & M Division

In case of lease agreement, the PPA shall be executed for the duration of lease period or maximum for 25 years, whichever is earlier.

9. Synchronization Authority:

The DSPV plant Commissioning & Synchronizing Authority:

Table No.6

Sl. No.	DSPV Plant Capacities	ESCOM Officers authorized for synchronization
1	1kW upto 35kW with smart meter	Assistant Executive Engineer(Ele), O & M Sub-Division and MT staff not required.
2	Above 35kW upto 50kWp with smart meter	Assistant Executive Engineer(Ele), O & M Sub-Division in co-ordination with Meter Testing (MT) staff.
3	Above 50kW upto 500kWp static meter	Assistant Executive Engineer(Ele) O & M Sub-Division in Co-ordination with Meter Testing (MT) staff
4	Above 500kWp static meter	Executive Engineer(Ele) O & M Division in Co-ordination with Meter Testing (MT) staff

*For all clarifications with regards to the meter, the circulars/orders issued by GM(M&C) from time to time, shall be followed.

10. Installation of Multiple DSPV Plants:

As per KERC order dated:15.09.2017 and tariff order dated:01.06.2023 for FY-2023-24, the following metering arrangements are allowed;

Table No.7

Clause No. as per the Order dated:15.09. 2017	Registered Consumer	Details of the SRTPV Units		Metering Arrangement (Net/Gross)
i	Single or multiple Registered Consumer	No Existing SRTPV Unit	Wants to install multiple SRTPV Units	Net
ii	Registered consumer with multiple installations	No Existing SRTPV Unit	Wants to install Single SRTPV Unit	Gross
iii	Multiple Registered Consumer with multiple installations	No Existing SRTPV Unit	Wants to install Single SRTPV Unit	Gross
iv	Multiple Registered Consumer with multiple installations	Having Existing SRTPV Unit of a single consumer	Wants to install multiple SRTPV Units	Net
v	Multiple Registered Consumer with multiple installations	Having Existing SRTPV Unit of a single consumer	Wants to install additional SRTPV unit	Gross

The Commission has allowed the single or multiple registered Consumers to opt for installing DSPV plant /plants with respect to each RR No. separately, under net metering or gross metering as per Commission's order dated 19.09.2016.

11. Option for installation of multiple generation Meters for HT Consumers:

The KERC vide order dated 02.03.2023 has issued order for Evacuation / Utilization of Solar Energy Generation at LT/HT Voltage and connect to their LT/HT system.

The DSPV plant under net-metering arrangement can be installed on the rooftops of the several buildings with different capacities within the same premises, having HT connection with ESCOMs and to evacuate the solar generated energy connecting to the LT voltage bus of each building.

12. Third Party Investment Models:

The Commission has allowed consumers to opt for either net metering or gross metering arrangements, irrespective of the nature of investment in the Distributed Solar PV project.

13. PPAs for additional capacity installation:

In the event a consumer seeks to install additional solar capacity beyond the capacity already commissioned under the existing PPA, the existing PPA shall stand terminated. A fresh PPA shall thereafter be executed for a period of twenty-five (25) years, at a tariff determined as **ninety percent (90%) of the PPA tariff** or the **prevailing generic tariff determined by the Commission at the time of execution**, whichever is lower.

In the event that a consumer seeks enhancement of the sanctioned load, such enhancement shall be permitted, provided that the enhanced sanctioned load does not exceed the solar capacity already commissioned under the existing PPA. In such cases, there shall be no change in the applicable tariff, subject to the following conditions:

a) The annual energy generation from the plant shall not exceed a Capacity Utilization Factor (CUF) of 19%.
b) In the event of generation in excess of the 19% CUF, such excess energy shall be injected into the grid free of cost, without any liability on the ESCOM to make payment for the same.
c) If consumer opts the above, a Supplementary Power Purchase Agreement (SPPA) shall be executed to record and give effect to the above provisions and SPPA shall be approved by the Hon'ble KERC.

Note: In case where the DSPV plant installed is equal to or less than the sanctioned load/contract demand, the tariff rate applicable for change in sanctioned load/tariff category will be **ninety percent (90%) of the PPA tariff** or the **prevailing generic tariff determined by the Commission at the time of execution**, whichever is lower

14. Continuation of PPA for change in location of Distributed Solar PV Plants with net-metering/gross metering as per PPA

If the Consumer who has invested in Solar PV Plants with net-metering/gross metering in a place, decides to shift his Solar PV Installation to a new location, such consumer are allowed to shift the solar PV installation to a new place in the jurisdiction of the same ESCOM and continue the same PPA for remaining PPA term, subject to limiting the solar plant capacity to the original sanctioned load, at new location.

Note: In case of change of sub-division, the SRTPV file along with billing & payment details shall be transferred to the concerned subdivision where the DSPV plant is intended to shift and SPPA shall be executed between consumers & concerned ESCOM officer.

15. Transfer of DSPV installation:

For transfer of DSPV installation in cases where the property is transferred due to sale/gift deed/legal heir due to death of the registered consumer, the same shall be allowed by duly executing SPPA with the new registered consumer at the existing PPA tariff rate for the remaining term.

16. Energy Accounting during faulty Meter/ meters not recording:

The ESCOMs shall calculate the energy generated on the basis of DSPV installed capacity for extending the solar energy generation benefits by considering 19% CUF or if available, analyse historical energy generation/consumption data/excess energy exported to the grid, trends and patterns in energy generation to estimate current energy generation levels.

Provided such meter shall be replaced within the prescribed time period as mandated under Conditions of Supply of Electricity of ESCOMs (CoS)as amended from time to time.

17. Procurement of Smart Meters:

Provision has been made for supply of smart meters in ESCOM outlets. The Consumer has to purchase smart meters from any of the outlets. For installations more than 50KW, the procurement of static meters shall be followed the circulars issued by GM(M&C) from time to time.

18. Provision of Check Meter:

The check meter shall be provided for DSPV systems of capacity more than 50kWp.

19. Procurement of CTs, PTs & Metering Cubicle:

CT's, PT's and Metering Cubicle shall be procured from ESCOM approved Vendors only.

20. Applicable Tariff:

The PPAs shall be executed as per the Generic Tariff Orders issued by KERC from time to time for every FY / Control Period.

21. Gist of other Orders :

i. To install Distributed Solar PV projects with capacity equivalent to 100% of the sanctioned load of the respective consumer's installation for the purpose of gross or net-metering with their own investments/third party investment.

ii. To allow installation of Distributed Solar PV projects on Government buildings, as per the Commission's Order dated 11.11.2016, with the tariff for any surplus energy injected as determined by the Commission.

iii. To allow installation of Distributed Solar PV systems up to and inclusive of 10 kW sanctioned load, a capacity tolerance of up to 10% for the applied system capacity (DC), subject to condition that the AC capacity of the inverter shall not exceed the sanctioned load.

iv. The consumers are allowed to install Solar panels and other equipment conforming to standards specified by IEEE / BIS, without insisting on procurement from the ESCOMs' empanelled vendors.

v. Connectivity of Distributed Solar PV installations above 5KW and up to 150 KW at LT level, 3 phase, 400 volts and above 150 KW and up to 2000 KW at 11KV HT. For above 2000kW capacity, the Distributed Solar PV installations shall be connected to the system as specified in the KERC Regulations/ Conditions of Supply of Electricity of Distribution Licensees (COS).

vi. The PPAs/SPPAs of Distributed Solar PV plants, with an installed capacity up to and inclusive of 1000 kW, executed as per the approved standard PPA/SPPA format, shall be considered as deemed to have been approved by the Commission and the ESCOMs are not required to obtain a separate approval thereon.

vii. The Commission allows to connect the Distributed Solar PV grid tied plants with Generators especially during periods of low sunlight or grid outages. The Commission allows the consumer to use the hybrid grid tied inverter with the battery to the Distributed Solar PV plant.

viii. The Commission has detailed the procedure for energy accounting when the meter is faulty or meters are not recording.

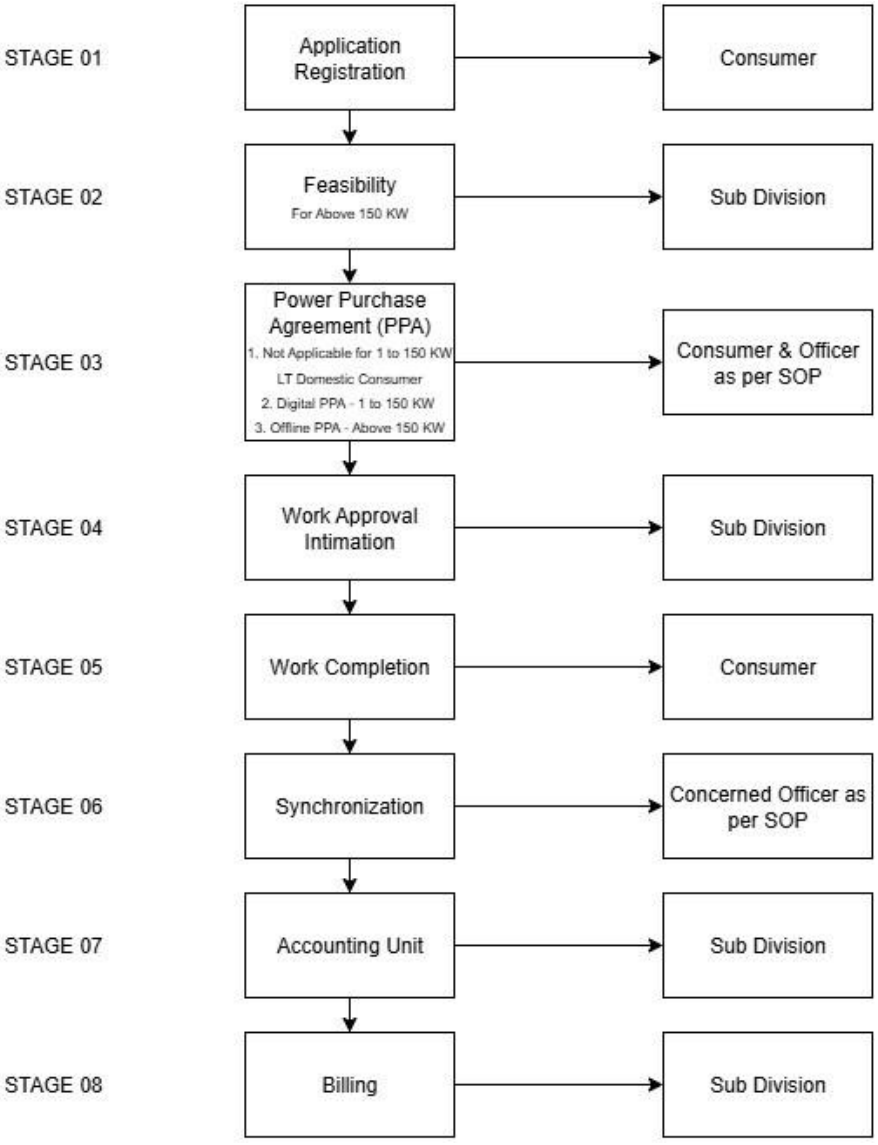
ix. The Commission has removed the capacity restriction of 2000 kW for installing Distributed Solar PV projects and allowed to install the plants up to their sanctioned load/Contract demand.

PROCEDURE FOR INSTALLATION OF SOLAR ROOFTOP PLANTS

The general work flow to be followed for DSPV application consists of following stages:

1. Application Registration
2. Providing Feasibility (If applicable)
3. Execution of Power Purchase Agreement (if applicable)
4. Work Approval Intimation
5. Work Completion Intimation
6. Synchronization
7. Accounting & Billing

The flow chart for the work flow for processing of DSPV applications and detailed procedure to be followed at each step is as below;



STAGE -01: APPLICATION REGISTRATION

Non-Subsidy Application

Responsibility: Consumer

Documents Required: Nil

a. The consumer shall click the link of the online portal of the ESCOM as tabulated below;

ESCOM	Portal link
BESCOM	https://SRTPV.BESCOM.org/SRTPV/
GESCOM	https://gescomSRTPV.in/SRTPV/
HESCOM	https://SRTPV.hescom.co.in/SRTPV/
CESC	https://SRTPV.cescmysore.org/
MESCOM	https://SRTPV.mesco.in/SRTPV/

b. Enter the account id which is printed in the electricity bill. The billing data will be fetched automatically and enter the remaining fields such as proposed solar capacity, type of metering – Net or Gross etc.

c. The Consumer will be verified through OTP sent to registered mobile number.

d. For LT domestic consumer, wherein the PPA has been waived off, the **Consent Form** will pop up with the applicable terms & conditions and by agreeing to it the consumer can proceed to the next step.

e. Pay the application fees online using any one of the payment methods displayed on the screen-**applicable for only non-subsidy application**

f. Application is considered as registered after payment of application fees.

g. The consumer must mandatorily enter the bank details and upload the photo of cancelled cheque.

h. Smart Meter Consent Form: The consumer can also avail the facility of Smart Meter procurement through the DSPV portal under the **Application Info Tab**.

- The consumer should click on "Proceed to Meter Request", select the type of existing meter, choose the phase type, and upload the duly signed copy of the Meter Consent Form.
- Upon clicking the "Agree & Submit" button, a "Meter Procurement Letter" for the DSPV plant will be automatically generated.
- This letter will specify whether the consumer is required to procure one number of smart meter configured bidirectionally to record import/export units (in case of new installations serviced with smart meter) or two numbers: one number of smart meter -unidirectional to record solar generation & one number of bidirectionally configured smart meter (in case of installations serviced with electrostatic meters), along with the applicable terms and conditions.
- The consumer shall present the "Meter Procurement Letter" at the ESCOM-authorized smart meter retail outlet to purchase a tested smart meter. The list of authorized retail outlets is available on the DSPV portal.

Subsidy application(PM Surya Ghar Yajana):

a. At present subsidy is available only for domestic category Consumers who are willing to install solar rooftop plants under PM Surya Ghar Scheme.

b. For installation of solar rooftop plants under PM Surya Ghar Scheme, the Consumers are required to register their application and apply through National Portal using the link: https://www.pmsuryaghar.gov.in/

c. Also the consumer can directly click on the link of PM Surya Ghar portal available on ESCOM portal.

d. Once the application registration process is complete in PM Surya Ghar portal, the Consumers should note down the Registration Reference number generated by the portal for continuing application process in ESCOMs portal.

e. For continuing the application process in ESCOMs portal, the Consumers are required to click the link displayed at ESCOMs website and enter the Registration Reference number generated by the PM Surya Ghar portal.

f. Once, the Registration Reference number is entered in ESCOMs portal, the data from PM Surya Ghar portal will be fetched automatically and Consumers will be verified by ESCOMs portal through OTP sent to registered mobile number.

STAGE -02: FEASIBILITY

Responsibility: Sub division

The Category of Consumers for feasibility approval is as below;

- Category –I : Deemed Feasible Applications
- Category – II: Non- Deemed Applications

Category-I:

All DSPV applications with proposed capacity upto 150kW are considered deemed feasible and it is not required to provide feasibility for these applications.

Category-II:

a) Feasibility shall be provided by sub divisions for all DSPV applications of capacity more than 150 kW.

b) For providing the feasibility, the designated officer shall visit the proposed DSPV installation premises and verify technical details and shall issue feasibility report.

c) The procedure for providing feasibility is as below;

   I. The Sub Division office has to login to the online portal using their login credentials.

   II. The list of applications for which feasibility is to be provided will be displayed.

   III. Select one application at a time, open the feasibility tab and enter the required details.

   IV. After entry of required data in the portal, Feasibility report will be generated automatically.

   V. Download the feasibility report, sign it and upload it.

d) The technical feasibility shall be provided in accordance with the following;

i. Every DSPV plant of less than 150 kW capacity shall be connected only to the existing distribution transformer through which the eligible consumers are being supplied electricity. In such cases, the total capacity of the existing and proposed DSPV plants on that distribution transformer shall not exceed 80% of the rated capacity. This applicable only for LT installations.

Note: If a LT consumer requests for installation of solar rooftop plant of capacity more than 150 kW, the consumer shall convert to HT system i.e., the billing meter shall be HT meter with metering cubicle and solar generation meter will be 3 phase LT CT Operated meter (For net meter arrangement only).

ii. Every DSPV plant of more than 150 kW shall be connected only to the existing 11 kV distribution system. In such cases, the total capacity of the existing and proposed DSPV plants shall be limited so that line current does not exceed 80 % of the rated current capacity of the line. This applicable only for HT installations

Note: If a HT consumer requests for installation of solar rooftop plant of capacity more than 150 kW, the billing meter shall be bi-directional HT meter and solar generation meter will be 3 phase LT CT Operated meter (For net meter arrangement only).

iii. If the application is not technically feasible, the SDO shall cancel the Application and intimate the same to the Applicant.

e) For HT installations, if the existing metering system is 3 phase 3 wire, it shall be converted to 3 phase 4 wire.

f) Metering cubicle replacement and meter replacement to be indicated in feasibility report. It shall form a part of feasibility report. The existing meter shall be checked and suitable meter change shall be recorded in feasibility report in accordance with following table;

Table No.8

Sl. No	Sanctioned Load	Smart meter (Billing Meter)	Solar Rooftop Plant Capacity	Smart Meter (Solar Generation Meter)	Inverter Type
1	1kW to 35kW	1 Phase or 3 phase	1kWp to 35kWp	1 Phase or 3 phase	1 Phase or 3 phase
2	More than 35 kW up to 50 Kwp	3 phase CT PT Operated meter	More than 50 kWp	3 phase LT CT Operated meter	3 phase

For More than 50kWp:

Table No.9

Sl. No	Sanctioned Load	Bi-directional Meter (Billing Meter)	Solar Rooftop Plant Capacity	Uni-directional Meter (Solar Generation Meter)	Inverter Type
1	More than 50 kW & upto 150 kW	3 phase LT CT Operated meter	More than 50 kWp & upto 150 kWp	3 phase LT CT Operated meter	3 phase
2	More than 150kW	3 phase CT PT Operated HT meter	More than 150 kWp	3 phase LT CT Operated meter	3 phase

STAGE -03 – EXECUTION OF POWER PURCHASE AGREEMENT (PPA)

Responsibility: Consumer & & O&M AEE /EE

The execution of PPA is not applicable for LT Domestic Consumers upto 150kW and the PPA step has been waived off in the online portal.

The Power Purchase Agreement has to be executed in either of the following ways;

a) Online PPA:1kW to 150kW SRTPV capacities
b) Offline PPA:>150kW SRTPV Capacities

a) Online PPA:

The online PPA shall be executed by the Consumer for all the DSPV applications which are considered as deemed feasible i.e. for all applications upto 150kW capacity.

The online PPA shall be executed in online mode by the Consumer. The PPA execution is completed only after both the parties i.e. the consumer & concerned ESCOM official have esigned the PPA through online mode.
Note: In case of online PPAs if the consumer has generated the esign link but has not executed within 07 days, the link will be expired and has to approach the ESCOM for re-enabling the link.

The concerned ESCOM officer has to esign the PPA strictly following the timelines

Verification of consumer's esign by the ESCOM officer:

a) Once the PPAs are esigned by the consumers, the ESCOM officer can double click on the signature box of the consumer which is displayed on the left side at the last page of the PPA.

b) After double clicking a dialog box is opened which contains the name of the person who has actually signed the PPA.

c) If the name displayed matches with the name of the RR No. holder or authorized signatory in case of Company or Organization, such PPAs can be esigned by the concerned AEE of C,O&M sub-division ESCOM and the DSPV application can be processed.

d) If the name displayed does not matches with the name of the RR No. holder, such PPAs are liable to be rejected by the concerned AEE of C,O&M sub-division ESCOM.

e) In case of joint RR No. holder, if any one RR No. holder esigns the PPA, such PPAs can be accepted and an undertaking/NOC can be obtained from the other RR No. holders of the joint account or the other RR No. holder signature can be obtained manually.

b) Offline PPA:

- The offline PPAs shall be executed for DSPV applications of more than 150kW capacity. The PPAs are to be executed on Rs. 500 value non-judicial stamp paper in Commission approved format.
- The Consumer shall co-ordinate with designated ESCOM officer for PPA execution.
- The PPAs shall be uploaded in the online DSPV portal by designated officers for auto generation of work approval letter.

The Power Purchase Agreement (PPA) Execution Authorities on behalf of ESCOMs for DSPV installations are as tabulated below;

Table No.10

Sl. No.	DSPV plant Capacity	PPA Execution Authority
1	From 1kWp to 500kWp	Assistant Executive Engineer(Ele) , O & M Sub-Division
2	Above 500kWp	Executive Engineer(Ele), O & M Division

PPA Approval Authority:

I. For capacities upto 500kWp, Assistant Executive Engineer(Ele) of O & M Sub-Division is the PPA approval authority.

II. For capacities above 500kWp and upto & inclusive of 1000kWp, PPAs shall be approved by Corporate Office of the respective ESCOMs.

III. The approval of the KERC shall be obtained for all PPAs of DSPV applications with capacities of above 1000kW.

IV. In case of any deviation from the standard format of PPA, the approval for the same shall be obtained from KERC.

V. The documents to be submitted alongwith draft PPA for Corporate Office or KERC approval are as follows:

- Copy of Online DSPV Application & Technical Feasibility Report
- Latest Electricity Bill
- DPR clearly specifying the nos. of the panels and capacity of each panel to be installed by the consumer
- Solar Installation plan

- Landownership Document: Sale Deed/Lease Deed whichever is applicable
- In case of KERC approval, Demand Draft drawn in favor of The Secretary KERC for an amount of Rs.7500 per MW or part thereof contracted capacity. For eg if the proposed solar capacity is 1500kW, the DD of amount Rs.15000/- shall be submitted.
- Certification by the ESCOM whether the consumer is under open access or not.

PPAs for additional capacity installation

If a Consumer requests for installation of additional solar capacity, the present PPA shall be canceled and new PPA shall be executed for 25 years with PPA rate being 90% of PPA tariff or present tariff, whichever is lower,

Note:

i. In case of additional DSPV capacity, for deciding the PPA authority, the total of already commissioned and proposed plant capacity shall be considered.

ii. If the tariff rate of the DSPV plant has been reduced due to one or the other reasons such as delay in commissioning, change in sanctioned load or additional solar capacity, there shall be no subsequent reduction in the tariff rate.

Intimation for change of HT Metering Cubicle:

In case, if the change of HT Metering Cubicle is required, the sub division officers shall prepare estimate and intimate to the Consumer the supervision charges to be paid, within 07 days of PPA execution.

STAGE -04 – WORK APPROVAL INTIMATION

Responsibility: Sub division

a. Work approval intimation shall be auto generated and emailed to registered email after online execution of PPA/Uploading of PPA document in case of off-line PPA.

b. The work approval intimation shall also include intimation for change of meter and if required change of HT metering cubicle.

Note: For LT Domestic Consumers upto 150kW, the work approval will be autogenerated after the registration of the application.

STAGE -05 – WORK COMPLETION INTIMATION

Responsibility: Consumer

a) The Consumer shall upload the Work Completion details in online DSPV portal for enabling the sub division offices to process the application for synchronization.
b) The capacity tolerance allowed in the PV panel capacity is as below:

Table No.11

DSPV capacity & Sanctioned Load	**DC Capacity Tolerance**	
DSPV up to & including 10 kW	Up to 10% tolerance for DC capacity is allowed. No SPPA required.	For more than 10% variation, the sanctioned load has to increased before commissioning.
Non-Domestic above 10 kW	Any variation between solar proposed and actual capacity, the SPPA for capacity variation to be executed	

c) The concerned ESCOM authority will be intimated through the SMS to the official mobile number for synchronization of the said DSPV plant.
d) In case of any observation found by ESCOM official while inspection, the remark shall be entered and work completion report to be returned back to the consumer through the portal.

Note:

In case of subsidy applications, the vendor has to upload the work completion details in MNRE portal and the same details will be auto-fetched to the ESCOM portal. The same details should be verified by the consumer and submit for synchronization.

STAGE -06 – MT INSPECTION REPORT(>17.5kW)

Responsibility: MT AEE (>35kW & <500kW)
MT EE (>500kW).

Note: The synchronization page for solar proposed capacity above 35kW shall be enabled only after the MT inspection report has been updated by the concerned MT officer.

STAGE -07 – SYNCHRONIZATION/Spot SYNCHRONIZATION :

Responsibility: Consumer & ESCOM O&M AEE/EE and MT staff.

- The DSPV plant Commissioning & Synchronizing Authority:

Table No.12

Sl. No.	DSPV Plant Capacities	ESCOM Officers authorized for synchronization
1	1kW upto 35kW with smart meter	Assistant Executive Engineer(Ele), O & M Sub-Division and MT staff not required.
2	Above 35kW upto 50kWp with smart meter	Assistant Executive Engineer(Ele), O & M Sub-Division in co-ordination with Meter Testing (MT) staff.
3	Above 50kW upto 500kWp static meter	Assistant Executive Engineer(Ele) O & M Sub-Division in Co-ordination with Meter Testing (MT) staff
4	Above 500kWp static meter	Executive Engineer(Ele) O & M Division in Co-ordination with Meter Testing (MT) staff

The synchronization certificate shall be generated by Division/Sub Division Officers in the online portal as per DSM Section, BESCOM circular dated:05.06.2025

Note:

i. **For subsidy applications, after synchronization in ESCOM portal, the AEE of C,O&M sub-division should mandatorily complete Inspection Approval in the MNRE portal as per the MNRE guidelines.**

ii. **The application can either be submitted for subsidy release, retuned for correction or reject the application.**

II. *ACCOUNTING & BILLING*

Responsibility: AEE, AE (Technical) & AAO of the sub division

a. Login credentials have been created for the AOs & AAOs wherein the concerned officer can login and obtain the required documents such as PPA, synchronization certificate etc required for billing.
b. The AAO of the sub division shall ensure that all the DSPV installations synchronized in a calendar month are read and billed in the next calendar month without fail by verifying the details in online portal.
c. **No hard copies of the documents,** except for PPA in case of offline PPA, shall be collected from Consumer / Installer. If required, documents shall be downloaded by AE(T)/AAO using their login credentials.

III. *TIMELINES:*

For 1KW to 150KW:

Activity	Responsibility	Timeline
Submission of Application which includes PPA(**PPA not applicable for LT Domestic consumers up to 150kw**). No separate PPA is required to be executed. The submission of application is deemed to be the approval to commence the work.	Consumer/ Distribution Licensee	Zero Date
Online uploading of work Completion Report by the consumer.	Consumer	150(one hundred and fifty) days from the date of uploading/submission of application.
Inspection by ESCOM officials for commission the project, after receipt of work completion report from the consumer.	Distribution Licensee	Within 5(five) working days from the receipt of work completion report, after ensuring satisfactory completion of work. **If the plant is not commissioned within 5days from the date of work completion report, the concerned officer shall be liable to pay penalty of Rs.1000 per day, till the date of commissioning, to the applicant.** **After five days of work completion, in case the plant is not commissioned, the consumer are entitled to deemed generation benefit.**
Commissioning of Distributed Solar PV System in case work completion is delayed by the consumer	Consumer/Distribution Licensee	In Case of delay of more than six months, the tariff payable will be as per the terms of PPA/application.
Billing process	Distribution Licensee	30 Days from the date of commissioning of the solar plant.
Activity	Responsibility	Timeline

For above 150KW up to Sanctioned load :

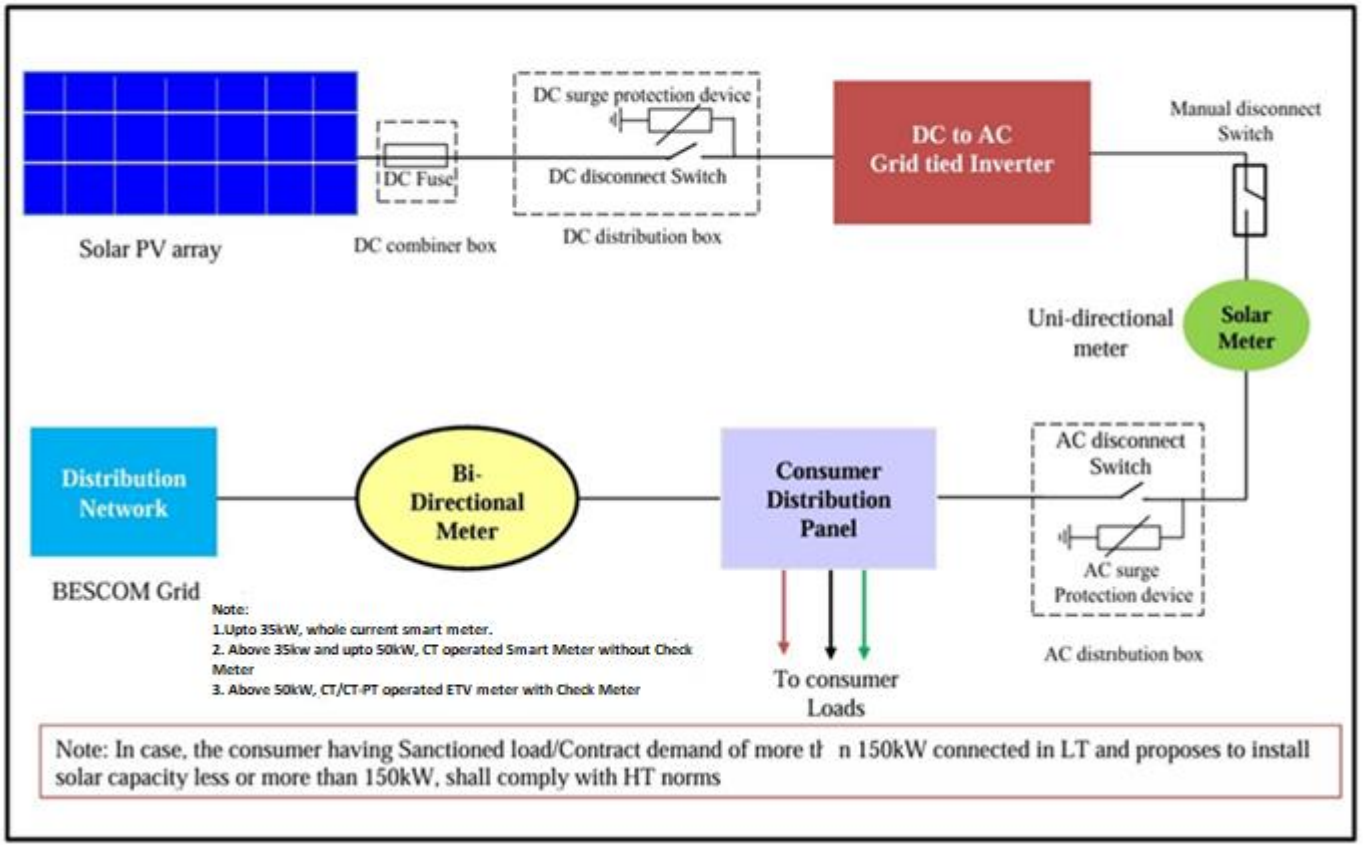
Submission of Application Online.	**Consumer**	**Zero Date.**
Acknowledgement of Application by distribution licensee ESCOM.	ESCOM	Within 3(three) working days from zero date.
Site verification/ technical Feasibility &Issuance of Letter of Approval/Rejection of application	ESCOM	Within 10(ten) working days from the date of acknowledging the application.
Execution of PPA (including countersignature by the controlling officer up to and inclusive of 1000kw DSPV projects).	ESCOM & CONSUMER	Within 5(five) working days from the date of issuance of Letter of Approval.
Submission for Approval of the PPA to the ESCOM, less than 1000KW And to Commission ,for more than 1000Kw.	ESCOM	Within 07(seven) working days from the date of execution of PPA.
Submission of Works Completion Report by the Consumer.	Consumer	150(one hundred and fifty) days from the date of execution of PPA
Inspection by ESCOM official for commissioning the project, after receipt of work completion report from the consumer	ESCOM	Within 5(Five) working days from the receipt of work completion report after ensuring satisfactory completion of work **If the plant is not commissioned within 5 days from the date of work completion report, the concerned officer shall be liable to pay penalty of Rs.1000 per day, till the date of commissioning, to the applicant.** **After five days of work completion, in case the plant is not commissioned the consumer are entitled to deemed generation benefit.**
Commissioning of Distributed solar PV system in case of delay in submission of work completion report by the consumer.	Consumer/ESCOM	In case of delay of more than 6 months, the tariff payable will be as per the terms of PPA.
Billing Process	ESCOM	30 days from the date of commissioning of the solar plant.

Schematic Diagrams:

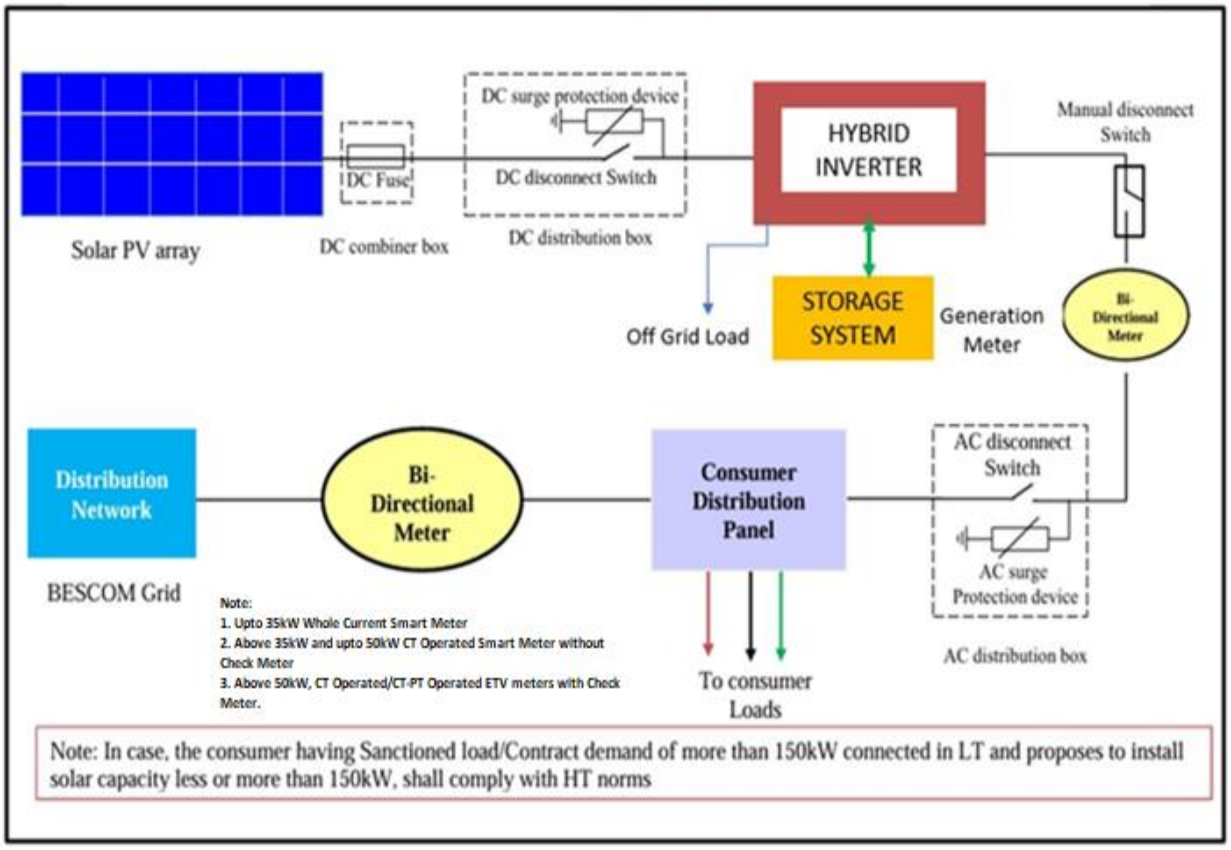
The Schematic Diagram for Net & Gross Metering arrangement is as below and same arrangement shall be ensured at the time of synchronization.

A. Net Metering Diagrams:

Single Line Diagram of Rooftop Facility for Net Metering Interconnection (LT consumers)

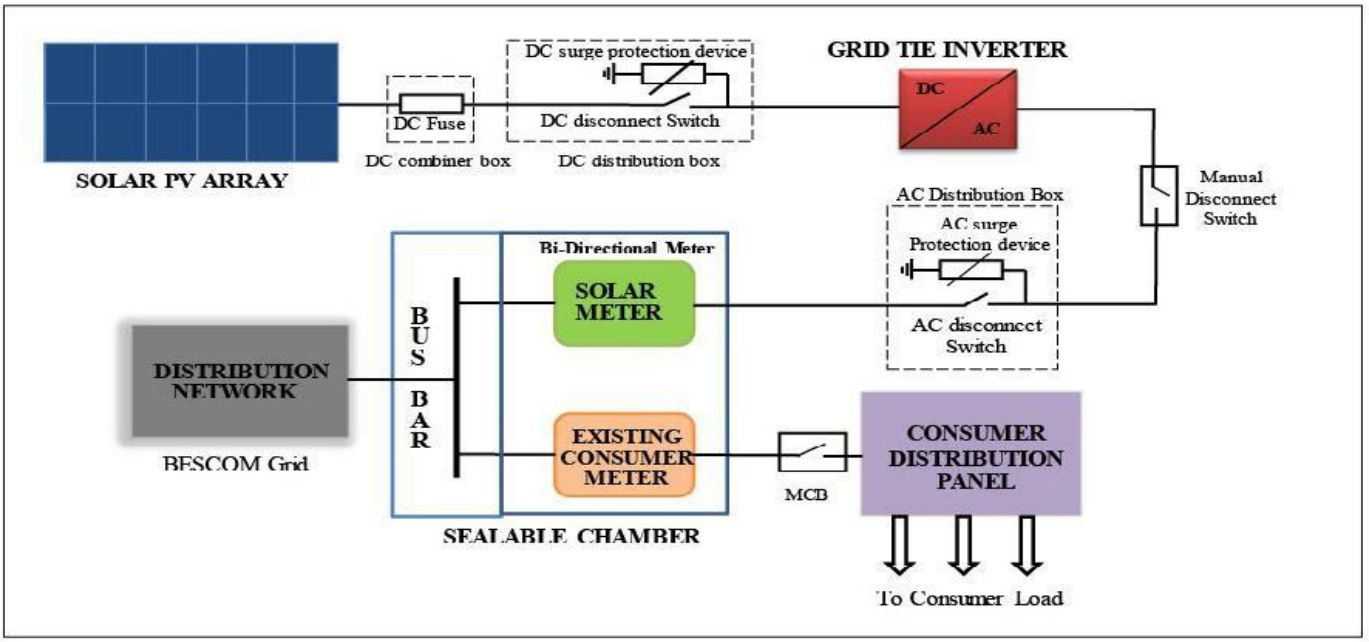


Single Line Diagram of DSPV for HYBRID System (LT Consumers upto 150 kW)



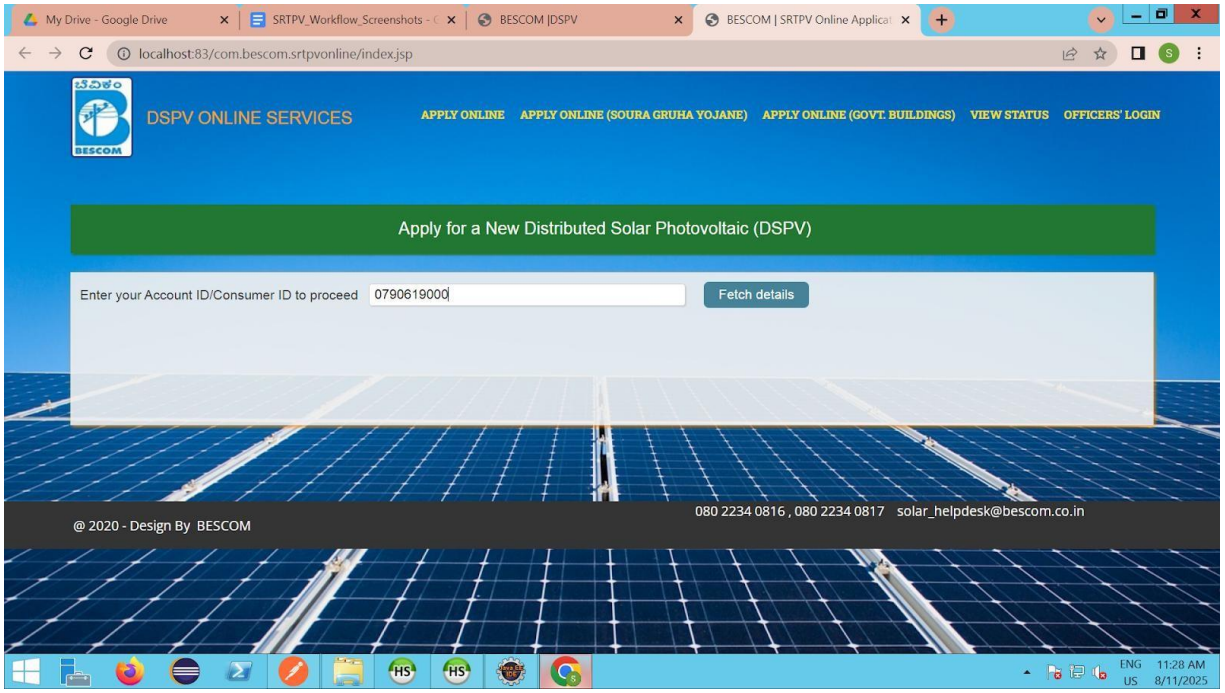
B. Gross Metering Arrangement:

Schematic Diagram of Rooftop Facility for Gross Metering Interconnection

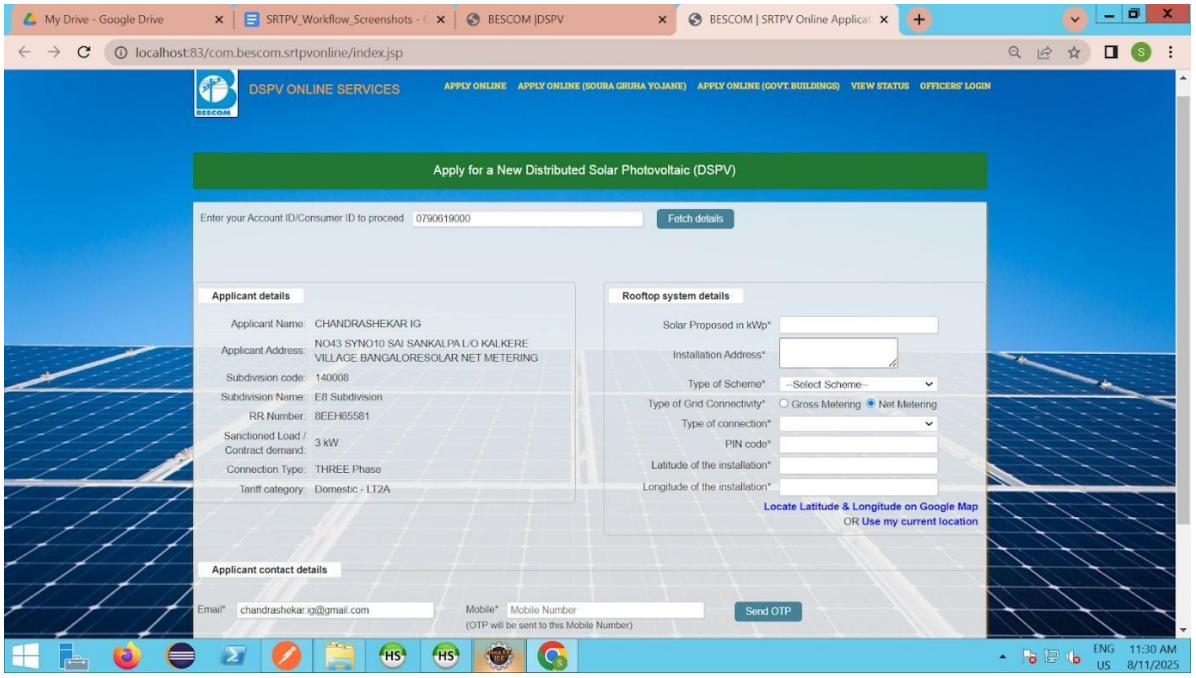


Domestic Consumer Simplified Workflow (Feasibility and PPA Waived Off)

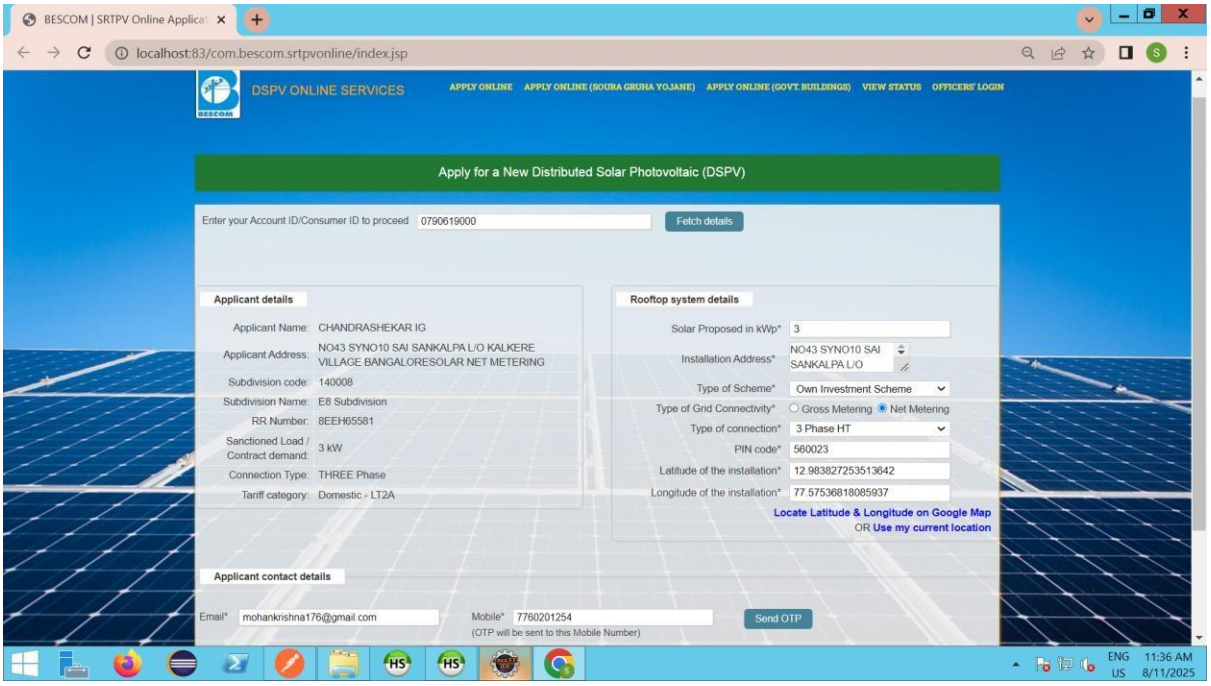
Registration Step



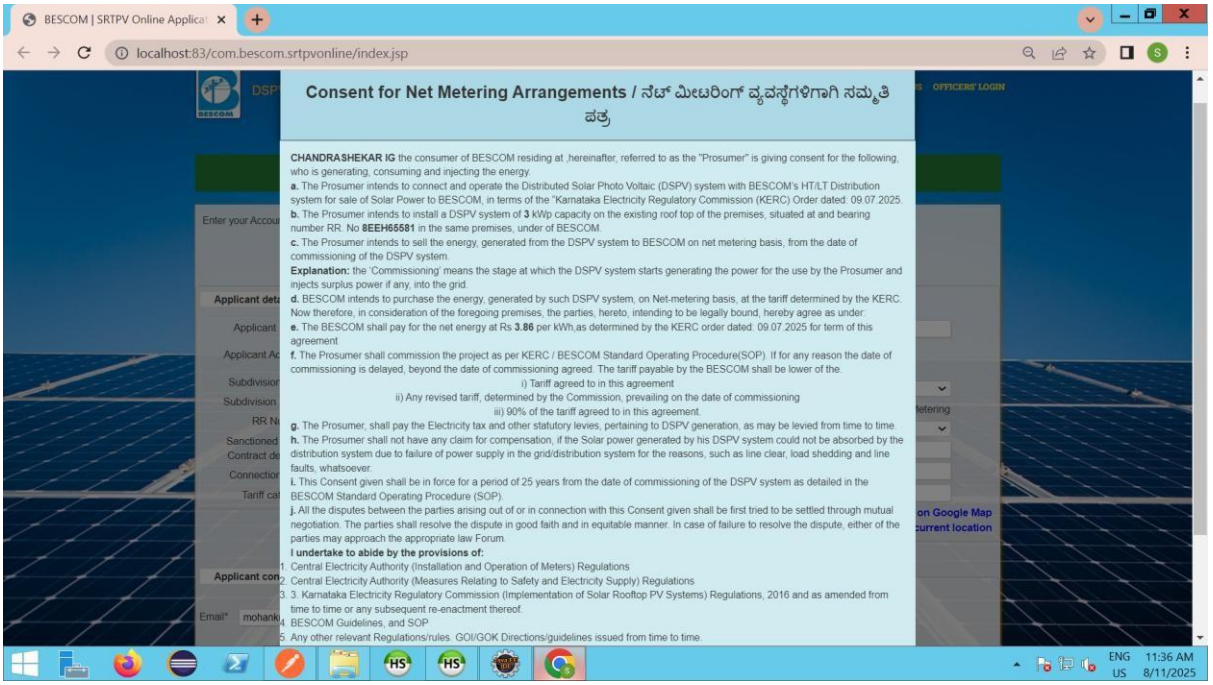
Details of the Consumer fetched from billing software:

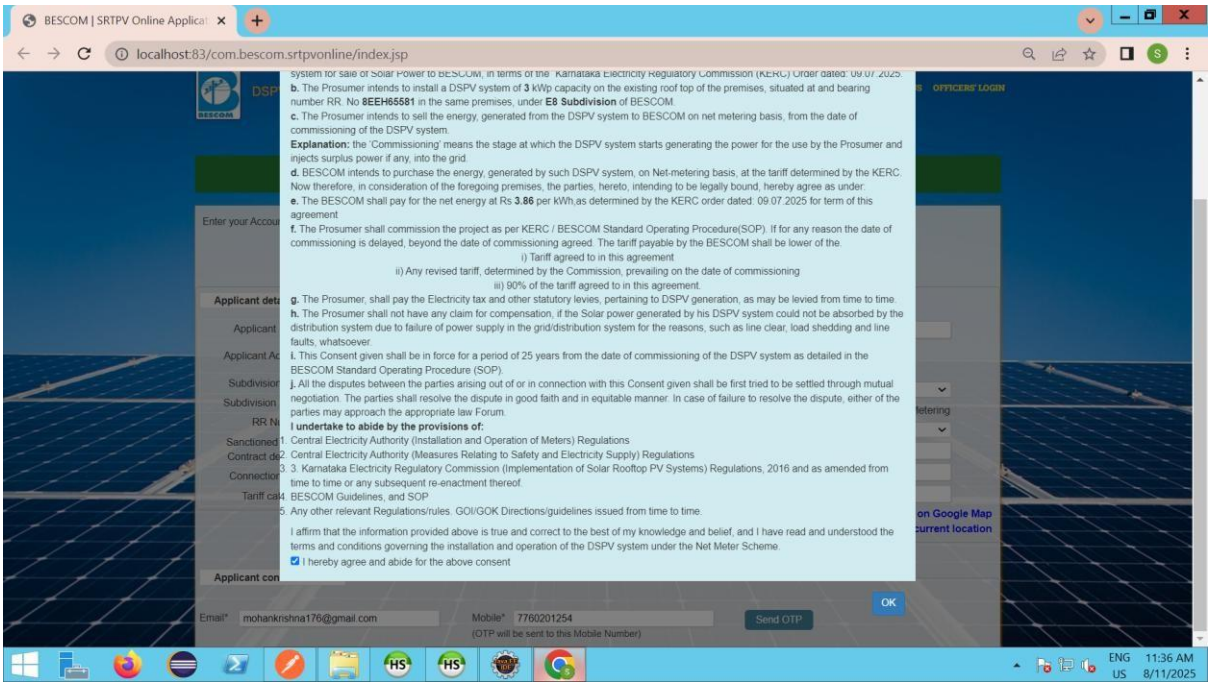


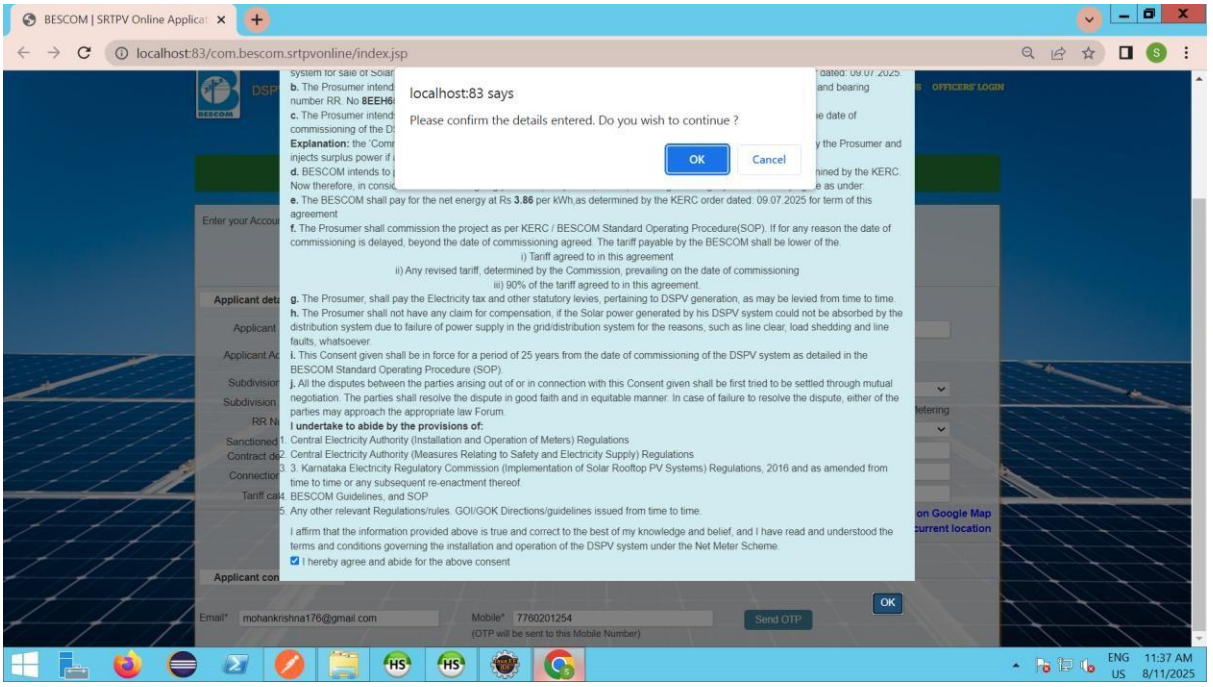
Enter the solar rooftop details:

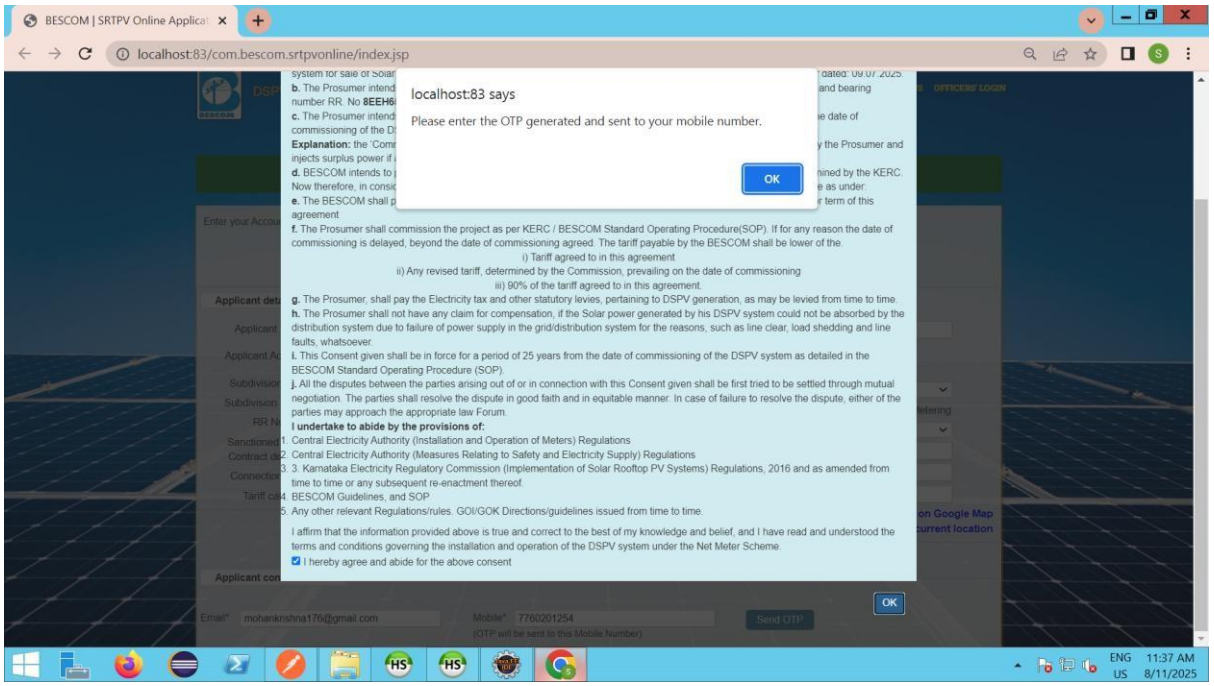


Consent Form(For LT Domestic Consumers):

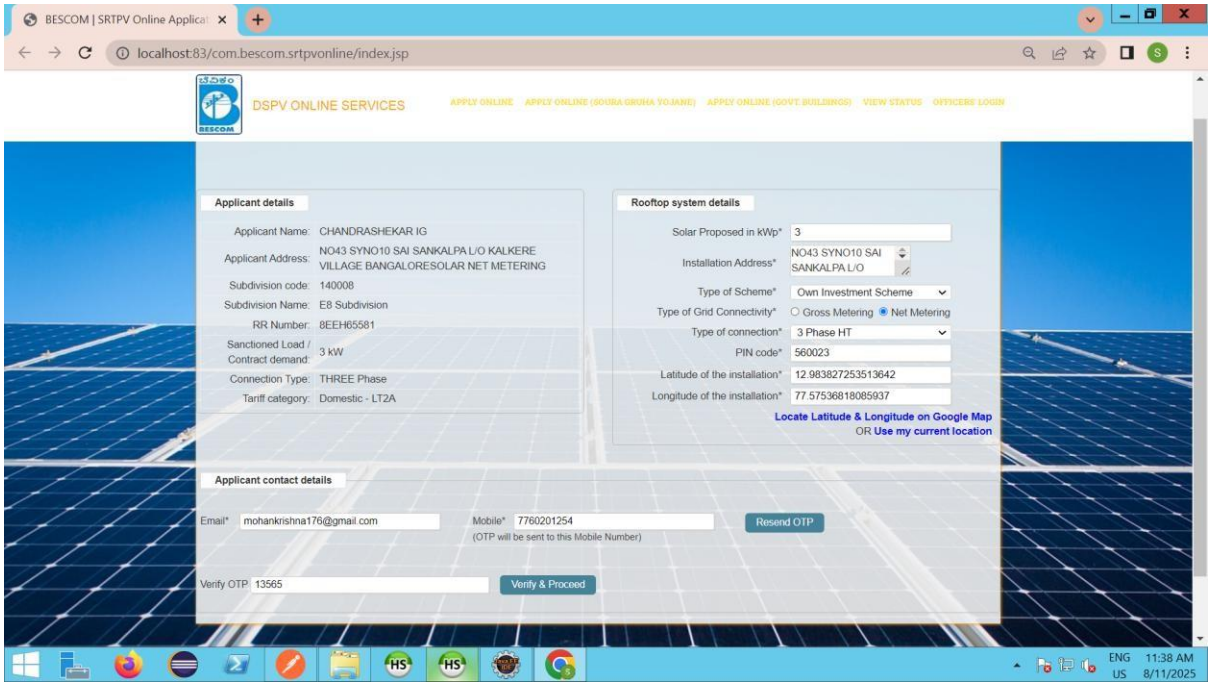



BESCOM | SRTPV Online Applicat
localhost:83/com.bescom.srtpvonline/index.jsp
b. The Prosumer intends to install a DSPV system of 3 kWp capacity on the existing roof top of the premises, situated at and bearing number RR. No 8EEH65581 in the same premises, under E8 Subdivision of BESCOM.
c. The Prosumer intends to sell the energy, generated from the DSPV system to BESCOM on net metering basis, from the date of commissioning of the DSPV system.
Explanation: the 'Commissioning' means the stage at which the DSPV system starts generating the power for the use by the Prosumer and injects surplus power if any, into the grid.
d. BESCOM intends to purchase the energy, generated by such DSPV 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:
e. The BESCOM shall pay for the net energy at Rs 3.86 per kWh,as determined by the KERC order dated: 09.07.2025 for term of this agreement
f. The Prosumer shall commission the project as per KERC / BESCOM Standard Operating Procedure(SOP). 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
ii) Any revised tariff, determined by the Commission, prevailing on the date of commissioning
iii) 90% of the tariff agreed to in this agreement.
g. The Prosumer, shall pay the Electricity tax and other statutory levies, pertaining to DSPV generation, as may be levied from time to time.
h. The Prosumer shall not have any claim for compensation, if the Solar power generated by his DSPV 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.
i. This Consent given shall be in force for a period of 25 years from the date of commissioning of the DSPV system as detailed in the BESCOM Standard Operating Procedure (SOP).
j. All the disputes between the parties arising out of or in connection with this Consent given 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 law Forum.
I undertake to abide by the provisions of:
1. Central Electricity Authority (Installation and Operation of Meters) Regulations
2. Central Electricity Authority (Measures Relating to Safety and Electricity Supply) Regulations
3. 3. Karnataka Electricity Regulatory Commission (Implementation of Solar Rooftop PV Systems) Regulations, 2016 and as amended from time to time or any subsequent re-enactment thereof.
4. BESCOM Guidelines, and SOP
5. Any other relevant Regulations/rules. GOI/GOK Directions/guidelines issued from time to time.
I affirm that the information provided above is true and correct to the best of my knowledge and belief, and I have read and understood the terms and conditions governing the installation and operation of the DSPV system under the Net Meter Scheme.
I hereby agree and abide for the above consent
OK
Email* mohankrishna176@gmail.com
Mobile* 7760201254
(OTP will be sent to this Mobile Number)
Send OTP
OFFICERS' LOGIN
ENG US 11:36 AM 8/11/2025

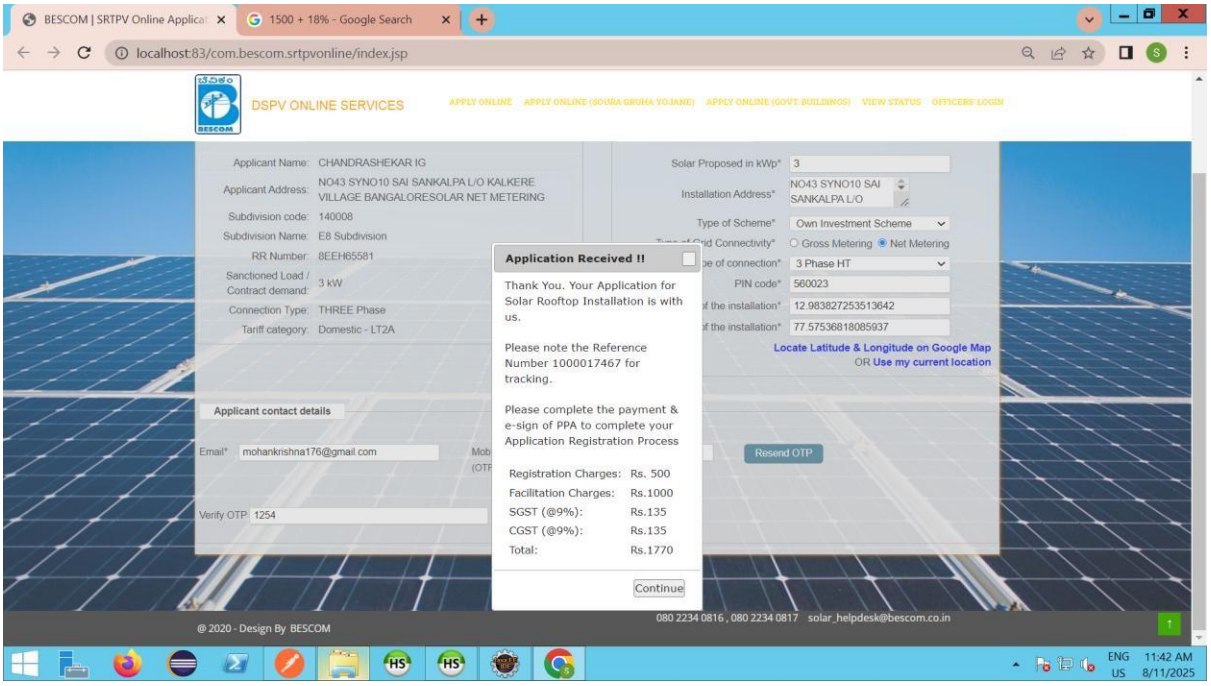

BESCOM | SRTPV Online Applicat
localhost:83/com.bescom.srtpvonline/index.jsp
localhost:83 says
Please confirm the details entered. Do you wish to continue ?
OK
Cancel
b. The Prosumer intends to install a DSPV system of 3 kWp capacity on the existing roof top of the premises, situated at and bearing number RR. No 8EEH65581 in the same premises, under E8 Subdivision of BESCOM.
c. The Prosumer intends to sell the energy, generated from the DSPV system to BESCOM on net metering basis, from the date of commissioning of the DSPV system.
Explanation: the 'Commissioning' means the stage at which the DSPV system starts generating the power for the use by the Prosumer and injects surplus power if any, into the grid.
d. BESCOM intends to purchase the energy, generated by such DSPV 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:
e. The BESCOM shall pay for the net energy at Rs 3.86 per kWh,as determined by the KERC order dated: 09.07.2025 for term of this agreement
f. The Prosumer shall commission the project as per KERC / BESCOM Standard Operating Procedure(SOP). 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
ii) Any revised tariff, determined by the Commission, prevailing on the date of commissioning
iii) 90% of the tariff agreed to in this agreement.
g. The Prosumer, shall pay the Electricity tax and other statutory levies, pertaining to DSPV generation, as may be levied from time to time.
h. The Prosumer shall not have any claim for compensation, if the Solar power generated by his DSPV 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.
i. This Consent given shall be in force for a period of 25 years from the date of commissioning of the DSPV system as detailed in the BESCOM Standard Operating Procedure (SOP).
j. All the disputes between the parties arising out of or in connection with this Consent given 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 law Forum.
I undertake to abide by the provisions of:
1. Central Electricity Authority (Installation and Operation of Meters) Regulations
2. Central Electricity Authority (Measures Relating to Safety and Electricity Supply) Regulations
3. 3. Karnataka Electricity Regulatory Commission (Implementation of Solar Rooftop PV Systems) Regulations, 2016 and as amended from time to time or any subsequent re-enactment thereof.
4. BESCOM Guidelines, and SOP
5. Any other relevant Regulations/rules. GOI/GOK Directions/guidelines issued from time to time.
I affirm that the information provided above is true and correct to the best of my knowledge and belief, and I have read and understood the terms and conditions governing the installation and operation of the DSPV system under the Net Meter Scheme.
I hereby agree and abide for the above consent
OK
Email* mohankrishna176@gmail.com
Mobile* 7760201254
(OTP will be sent to this Mobile Number)
Send OTP
OFFICERS' LOGIN
ENG US 11:37 AM 8/11/2025

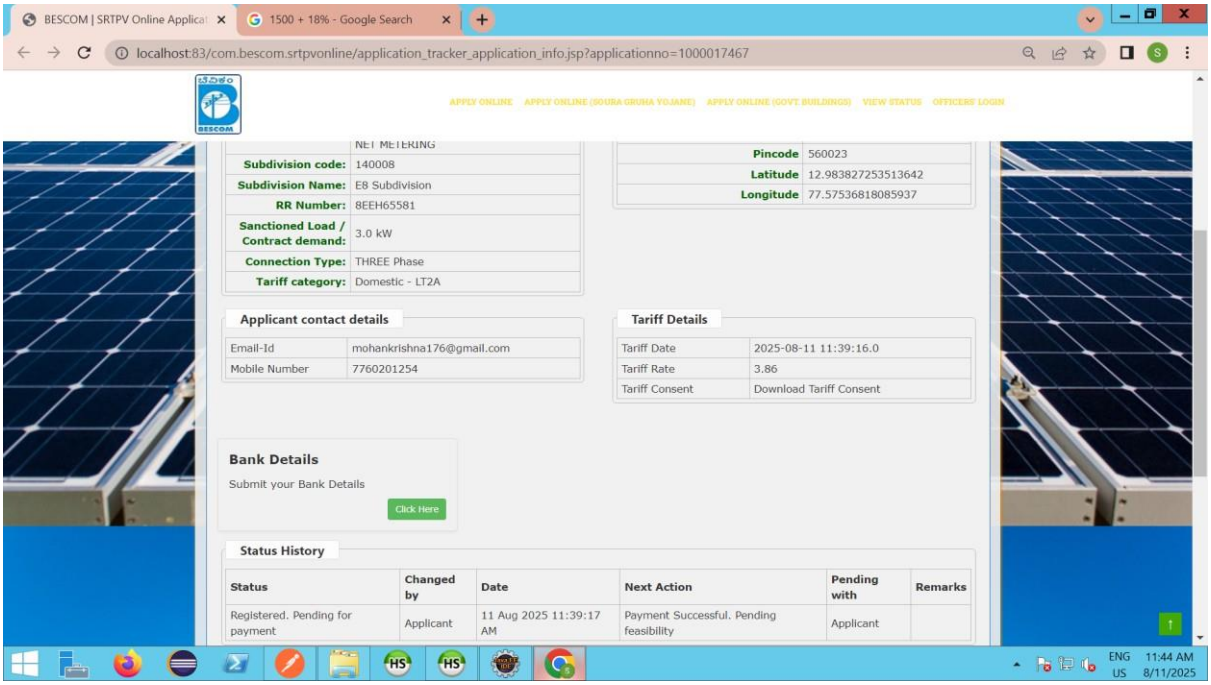


Verification of the consumer by OTP:

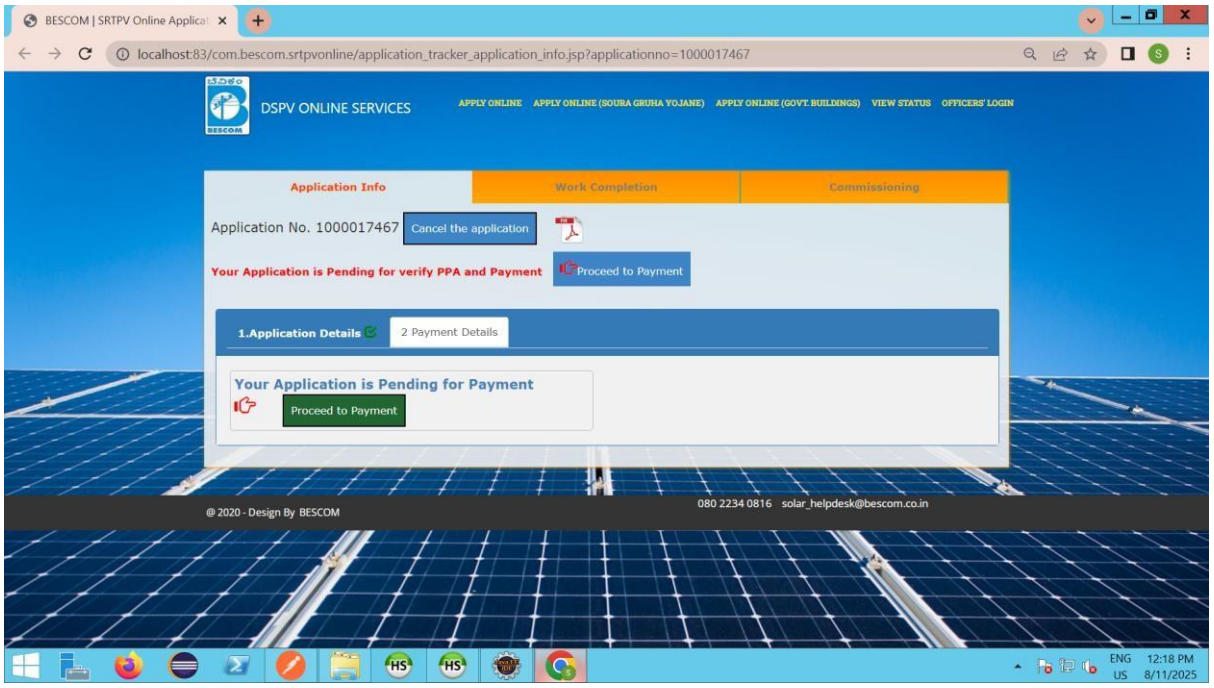


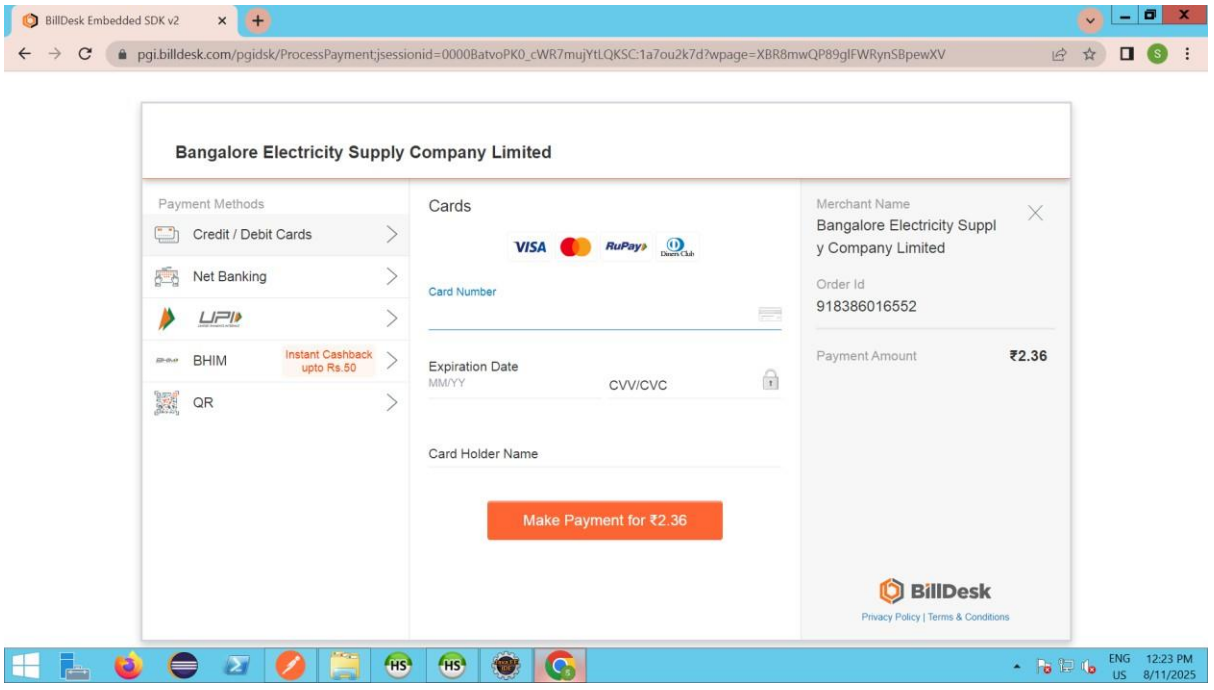
Payment of Fees (For Non-Subsidy Consumers)

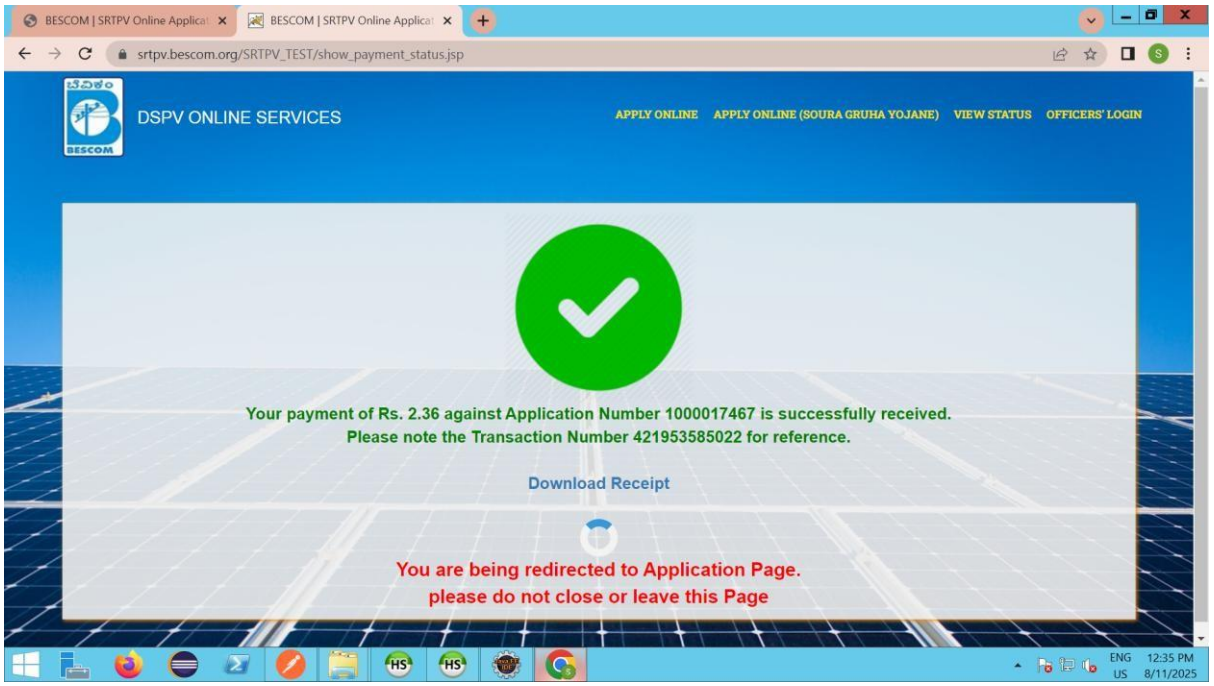


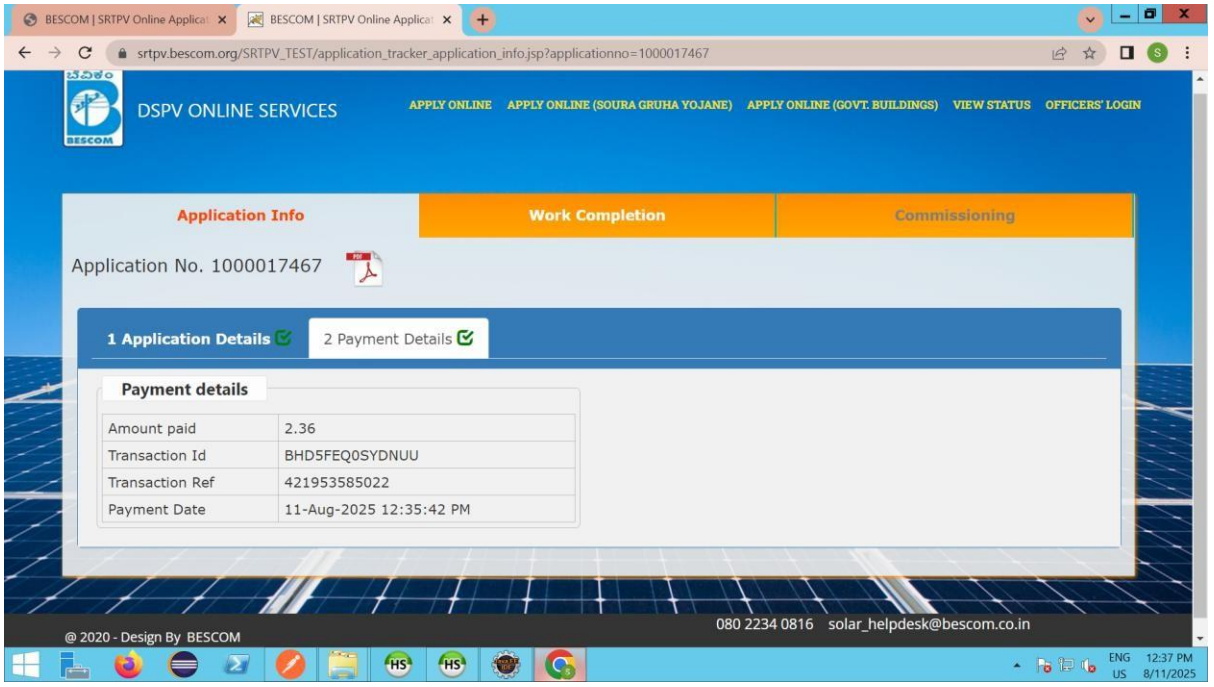


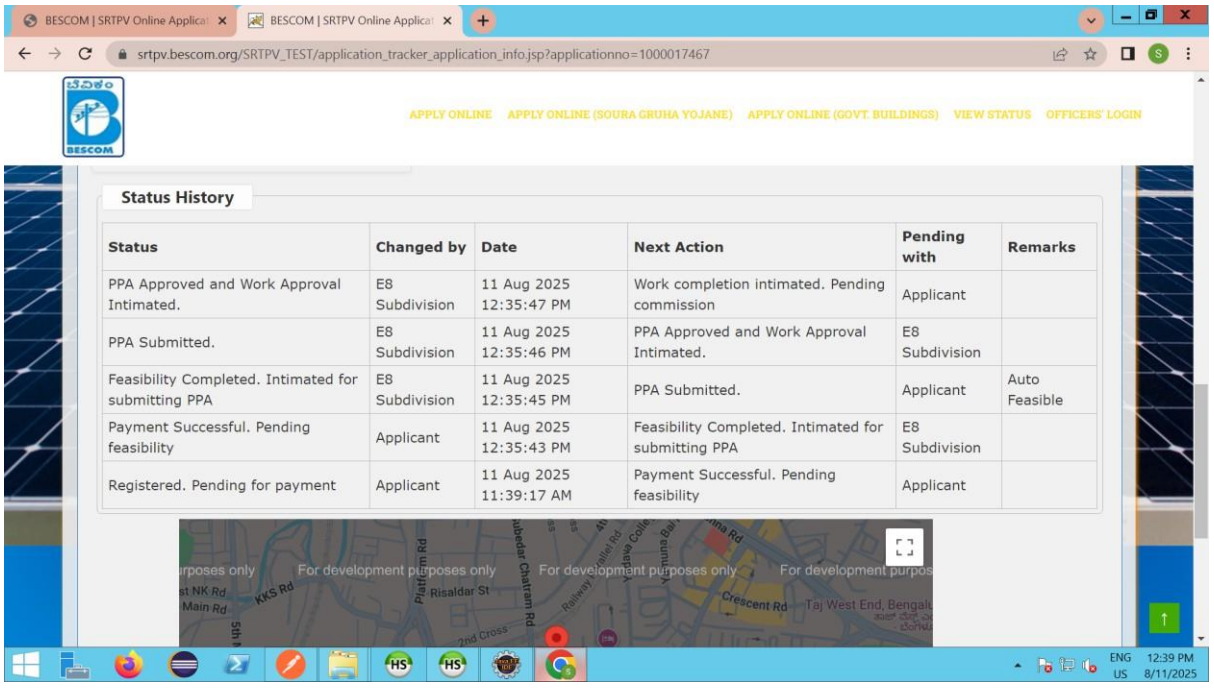
Application Payment Step

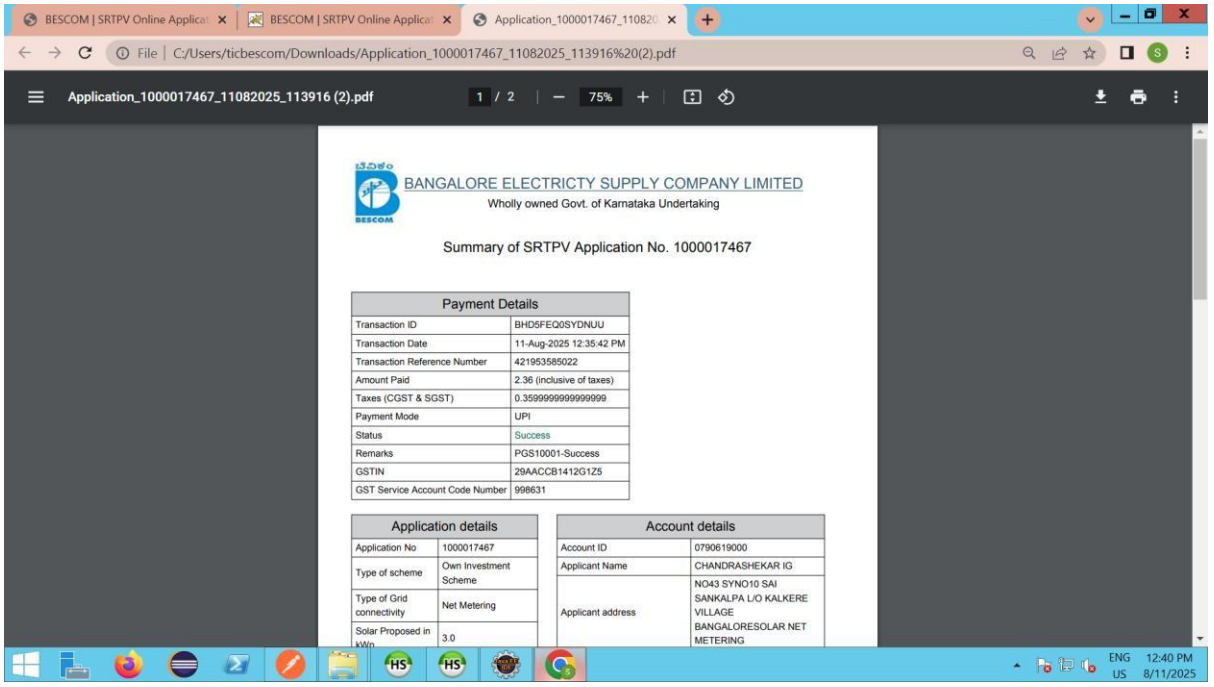


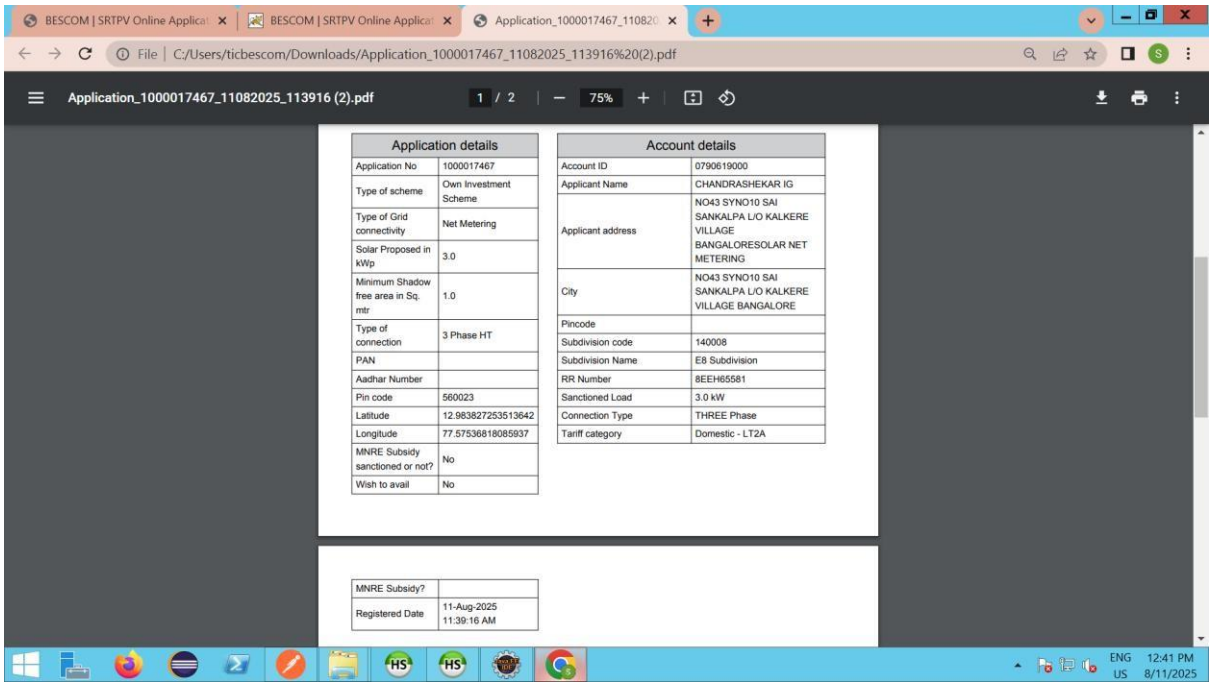



srtpv.bescom.org/SRTPV_TEST/show_payment_status.jsp
DSPV ONLINE SERVICES
APPLY ONLINE
APPLY ONLINE (SOURA GRUHA YOJANE)
VIEW STATUS
OFFICERS' LOGIN
Your payment of Rs. 2.36 against Application Number 1000017467 is successfully received.
Please note the Transaction Number 421953585022 for reference.
Download Receipt
You are being redirected to Application Page.
please do not close or leave this Page


srtpv.bescom.org/SRTPV_TEST/application_tracker_application_info.jsp?applicationno=1000017467
DSPV ONLINE SERVICES
APPLY ONLINE
APPLY ONLINE (SOURA GRUHA YOJANE)
APPLY ONLINE (GOVT. BUILDINGS)
VIEW STATUS
OFFICERS' LOGIN
Application Info
Work Completion
Commissioning
Application No. 1000017467
1 Application Details
2 Payment Details
Payment details
Amount paid 2.36
Transaction Id BHD5FEQ0SYDNUU
Transaction Ref 421953585022
Payment Date 11-Aug-2025 12:35:42 PM
@ 2020 - Design By BESCOM
080 2234 0816 solar_helpdesk@bescom.co.in


srtpv.bescom.org/SRTPV_TEST/application_tracker_application_info.jsp?applicationno=1000017467
APPLY ONLINE
APPLY ONLINE (SOURA GRUHA YOJANE)
APPLY ONLINE (GOVT. BUILDINGS)
VIEW STATUS
OFFICERS' LOGIN
Status History
Status | Changed by | Date | Next Action | Pending with | Remarks
PPA Approved and Work Approval Intimated. | E8 Subdivision | 11 Aug 2025 12:35:47 PM | Work completion intimated. Pending commission | Applicant |
PPA Submitted. | E8 Subdivision | 11 Aug 2025 12:35:46 PM | PPA Approved and Work Approval Intimated. | E8 Subdivision |
Feasibility Completed. Intimated for submitting PPA | E8 Subdivision | 11 Aug 2025 12:35:45 PM | PPA Submitted. | Applicant | Auto Feasible
Payment Successful. Pending feasibility | Applicant | 11 Aug 2025 12:35:43 PM | Feasibility Completed. Intimated for submitting PPA | E8 Subdivision |
Registered. Pending for payment | Applicant | 11 Aug 2025 11:39:17 AM | Payment Successful. Pending feasibility | Applicant |
For development purposes only
Risaldar St
Crescent Rd
Taj West End, Bengal
ENG US 12:39 PM 8/11/2025


File | C:/Users/ticbescom/Downloads/Application_1000017467_11082025_113916%20(2).pdf
Application_1000017467_11082025_113916 (2).pdf
1 / 2
75%
BANGALORE ELECTRICTY SUPPLY COMPANY LIMITED
Wholly owned Govt. of Karnataka Undertaking
Summary of SRTPV Application No. 1000017467
Payment Details
Transaction ID | BHD5FEQ0SYDNUU
Transaction Date | 11-Aug-2025 12:35:42 PM
Transaction Reference Number | 421953585022
Amount Paid | 2.36 (inclusive of taxes)
Taxes (CGST & SGST) | 0.3599999999999999
Payment Mode | UPI
Status | Success
Remarks | PGS10001-Success
GSTIN | 29AACCB1412G1Z5
GST Service Account Code Number | 998631
Application details
Application No | 1000017467
Type of scheme | Own Investment Scheme
Type of Grid connectivity | Net Metering
Solar Proposed in kWp | 3.0
Account details
Account ID | 0790619000
Applicant Name | CHANDRASHEKAR IG
Applicant address | NO43 SYNO10 SAI SANKALPA L/O KALKERE VILLAGE BANGALORESOLAR NET METERING
ENG US 12:40 PM 8/11/2025

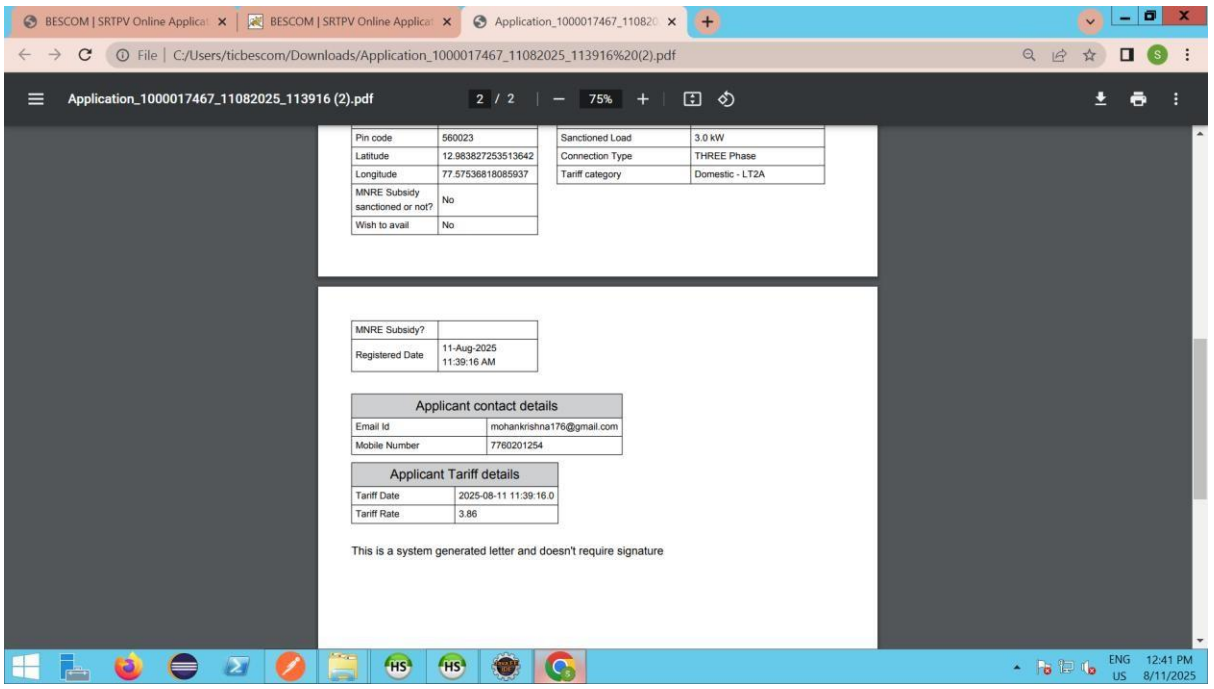


Application_1000017467_11082025_113916 (2).pdf 1 / 2 75%

Application details	
Application No	1000017467
Type of scheme	Own Investment Scheme
Type of Grid connectivity	Net Metering
Solar Proposed in kWp	3.0
Minimum Shadow free area in Sq. mtr	1.0
Type of connection	3 Phase HT
PAN	
Aadhar Number	
Pin code	560023
Latitude	12.983827253513642
Longitude	77.57536818085937
MNRE Subsidy sanctioned or not?	No
Wish to avail	No

Account details	
Account ID	0790619000
Applicant Name	CHANDRASHEKAR IG
Applicant address	NO43 SYNO10 SAI SANKALPA L/O KALKERE VILLAGE BANGALORESOLAR NET METERING
City	NO43 SYNO10 SAI SANKALPA L/O KALKERE VILLAGE BANGALORE
Pincode	
Subdivision code	140008
Subdivision Name	E8 Subdivision
RR Number	8EEH65581
Sanctioned Load	3.0 kW
Connection Type	THREE Phase
Tariff category	Domestic - LT2A

MNRE Subsidy?	
Registered Date	11-Aug-2025 11:39:16 AM



Application_1000017467_11082025_113916 (2).pdf 2 / 2 75%

Pin code	560023
Latitude	12.983827253513642
Longitude	77.57536818085937
MNRE Subsidy sanctioned or not?	No
Wish to avail	No

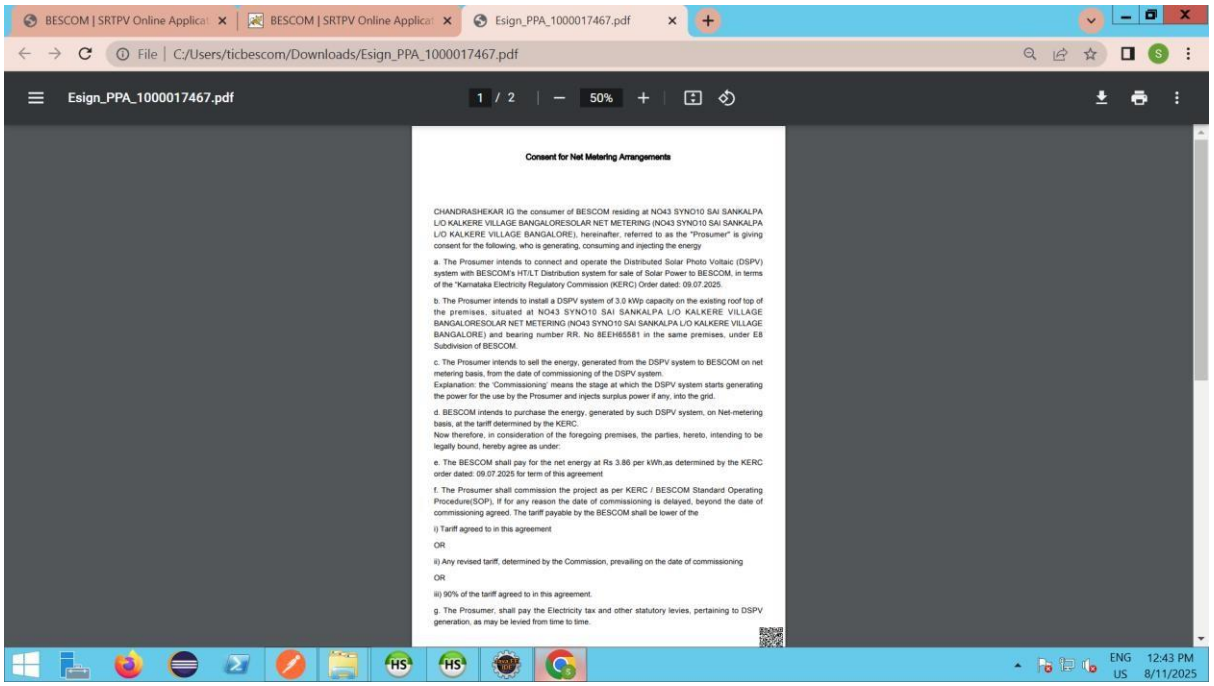
Sanctioned Load	3.0 kW
Connection Type	THREE Phase
Tariff category	Domestic - LT2A

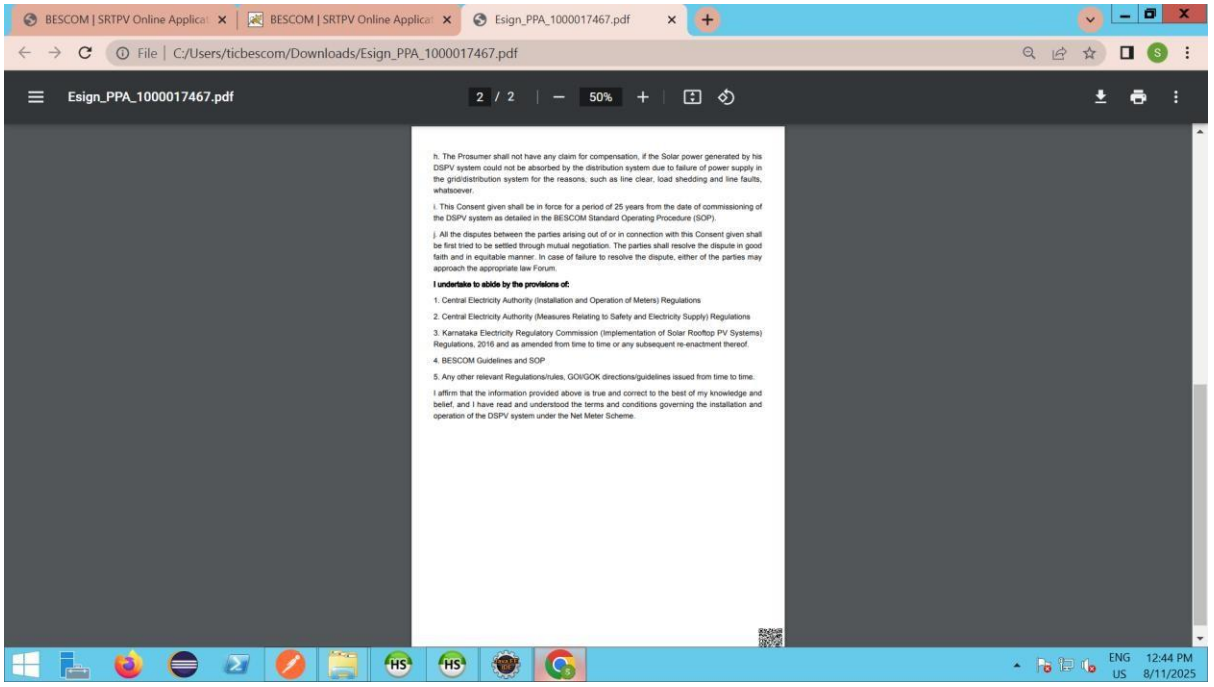
MNRE Subsidy?	
Registered Date	11-Aug-2025 11:39:16 AM

Applicant contact details	
Email Id	mohankrishna176@gmail.com
Mobile Number	7760201254

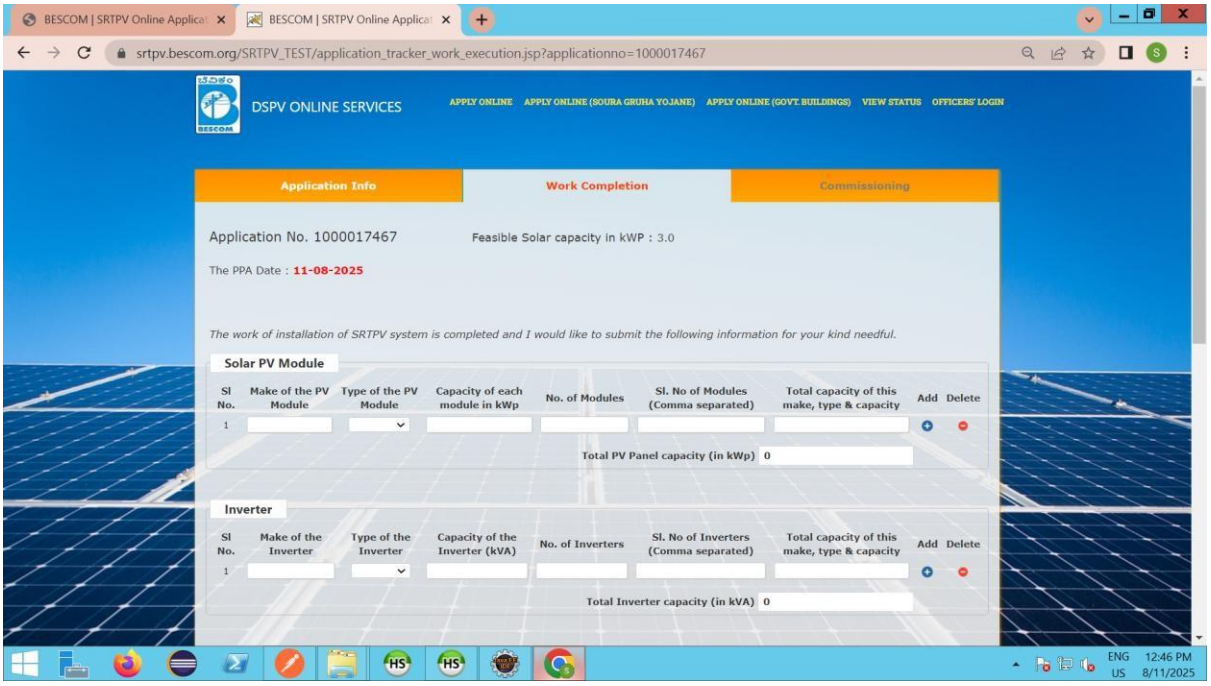
Applicant Tariff details	
Tariff Date	2025-08-11 11:39:16.0
Tariff Rate	3.86

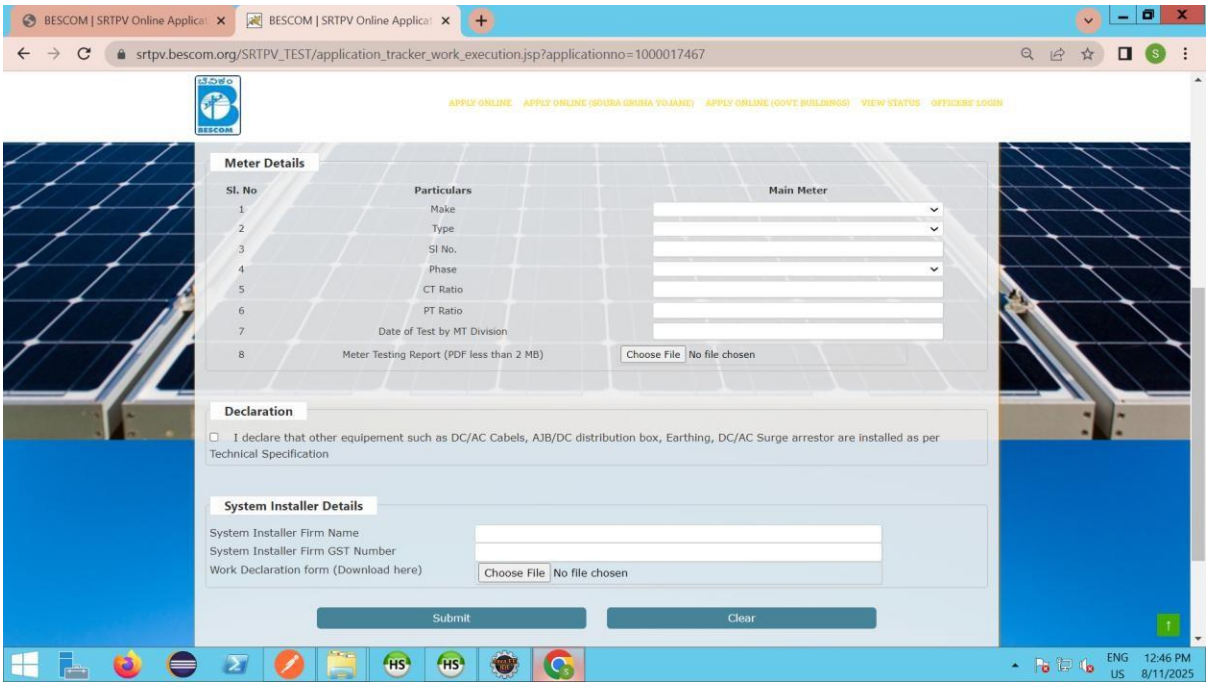
This is a system generated letter and doesn't require signature

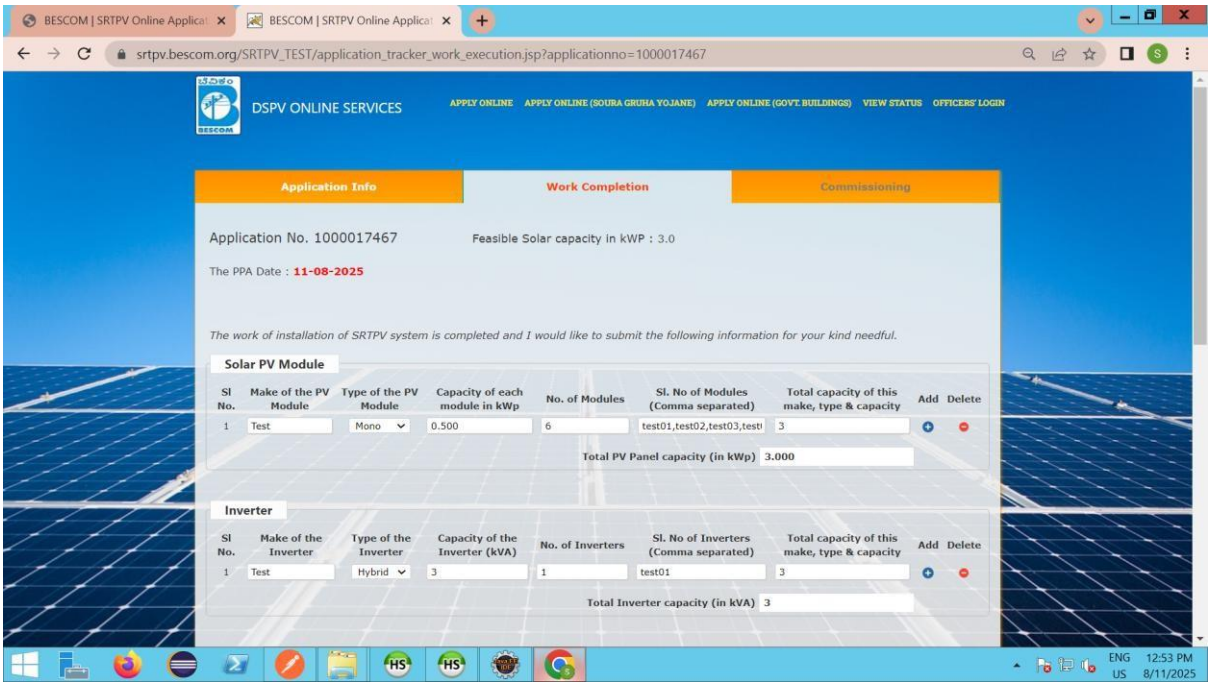

BESCOM | SRTPV Online Applicat
BESCOM | SRTPV Online Applicat
Esign_PPA_1000017467.pdf
File | C:/Users/ticbescom/Downloads/Esign_PPA_1000017467.pdf
Esign_PPA_1000017467.pdf
1 / 2
50%
Consent for Net Metering Arrangements
CHANDRASHEKAR IG the consumer of BESCOM residing at NO43 SYNO10 SAI SANKALPA L/O KALKERE VILLAGE BANGALORESOLAR NET METERING (NO43 SYNO10 SAI SANKALPA L/O KALKERE VILLAGE BANGALORE), hereinafter, referred to as the "Prosumer" is giving consent for the following, who is generating, consuming and injecting the energy
a. The Prosumer intends to connect and operate the Distributed Solar Photo Voltaic (DSPV) 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: 09.07.2025.
b. The Prosumer intends to install a DSPV system of 3.0 kWp capacity on the existing roof top of the premises, situated at NO43 SYNO10 SAI SANKALPA L/O KALKERE VILLAGE BANGALORESOLAR NET METERING (NO43 SYNO10 SAI SANKALPA L/O KALKERE VILLAGE BANGALORE) and bearing number RR. No 8EEH65581 in the same premises, under E8 Subdivision of BESCOM.
c. The Prosumer intends to sell the energy, generated from the DSPV system to BESCOM on net metering basis, from the date of commissioning of the DSPV system.
Explanation: the 'Commissioning' means the stage at which the DSPV system starts generating the power for the use by the Prosumer and injects surplus power if any, into the grid.
d. BESCOM intends to purchase the energy, generated by such DSPV 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:
e. The BESCOM shall pay for the net energy at Rs 3.86 per kWh,as determined by the KERC order dated: 09.07.2025 for term of this agreement
f. The Prosumer shall commission the project as per KERC / BESCOM Standard Operating Procedure(SOP). 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.
g. The Prosumer, shall pay the Electricity tax and other statutory levies, pertaining to DSPV generation, as may be levied from time to time.
ENG US 12:43 PM 8/11/2025

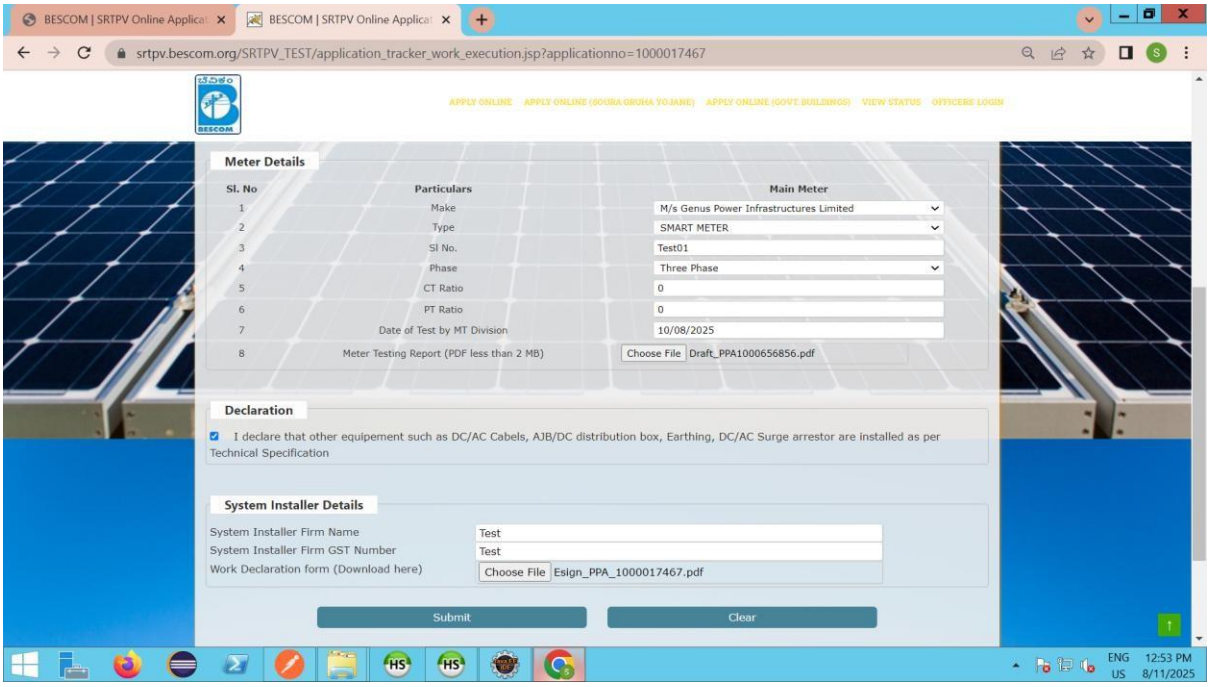

BESCOM | SRTPV Online Applicat
BESCOM | SRTPV Online Applicat
Esign_PPA_1000017467.pdf
File | C:/Users/ticbescom/Downloads/Esign_PPA_1000017467.pdf
Esign_PPA_1000017467.pdf
2 / 2
50%
h. The Prosumer shall not have any claim for compensation, if the Solar power generated by his DSPV system could not be 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.
i. This Consent given shall be in force for a period of 25 years from the date of commissioning of the DSPV system as detailed in the BESCOM Standard Operating Procedure (SOP).
j. All the disputes between the parties arising out of or in connection with this Consent given 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 law Forum.
I undertake to abide by the provisions of:
1. Central Electricity Authority (Installation and Operation of Meters) Regulations
2. Central Electricity Authority (Measures Relating to Safety and Electricity Supply) Regulations
3. Karnataka Electricity Regulatory Commission (Implementation of Solar Rooftop PV Systems) Regulations, 2016 and as amended from time to time or any subsequent re-enactment thereof.
4. BESCOM Guidelines and SOP
5. Any other relevant Regulations/rules, GOI/GOK directions/guidelines issued from time to time.
I affirm that the information provided above is true and correct to the best of my knowledge and belief, and I have read and understood the terms and conditions governing the installation and operation of the DSPV system under the Net Meter Scheme.
ENG US 12:44 PM 8/11/2025

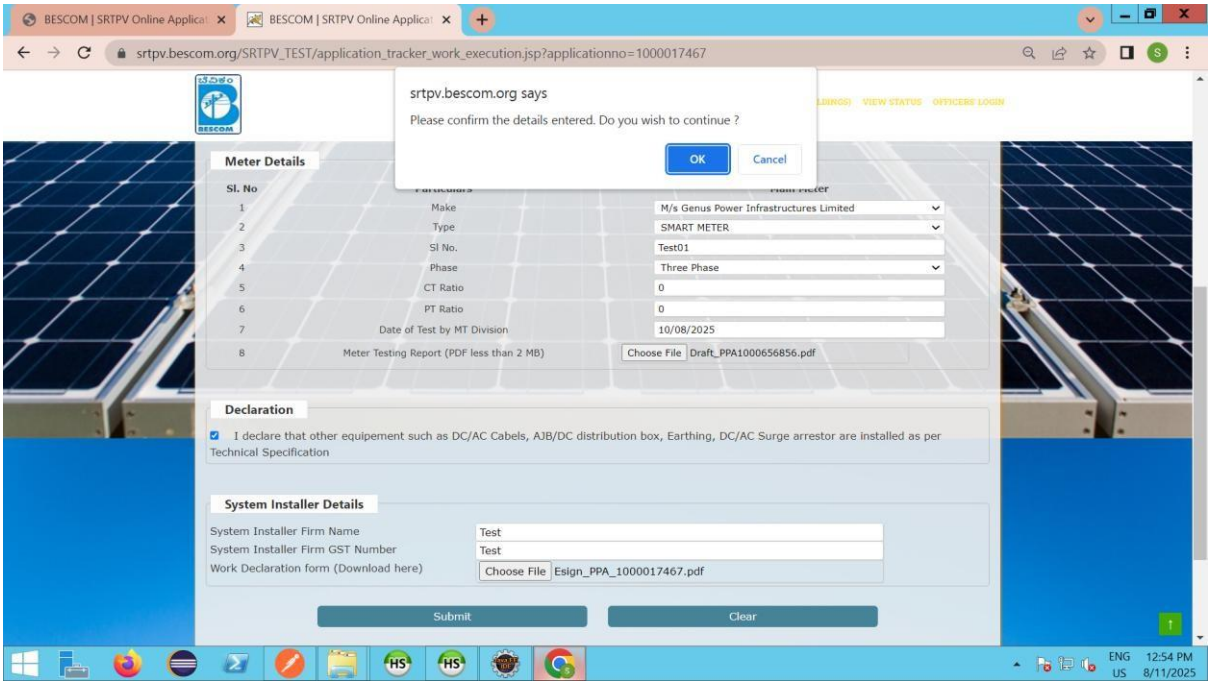
Work Completion Step

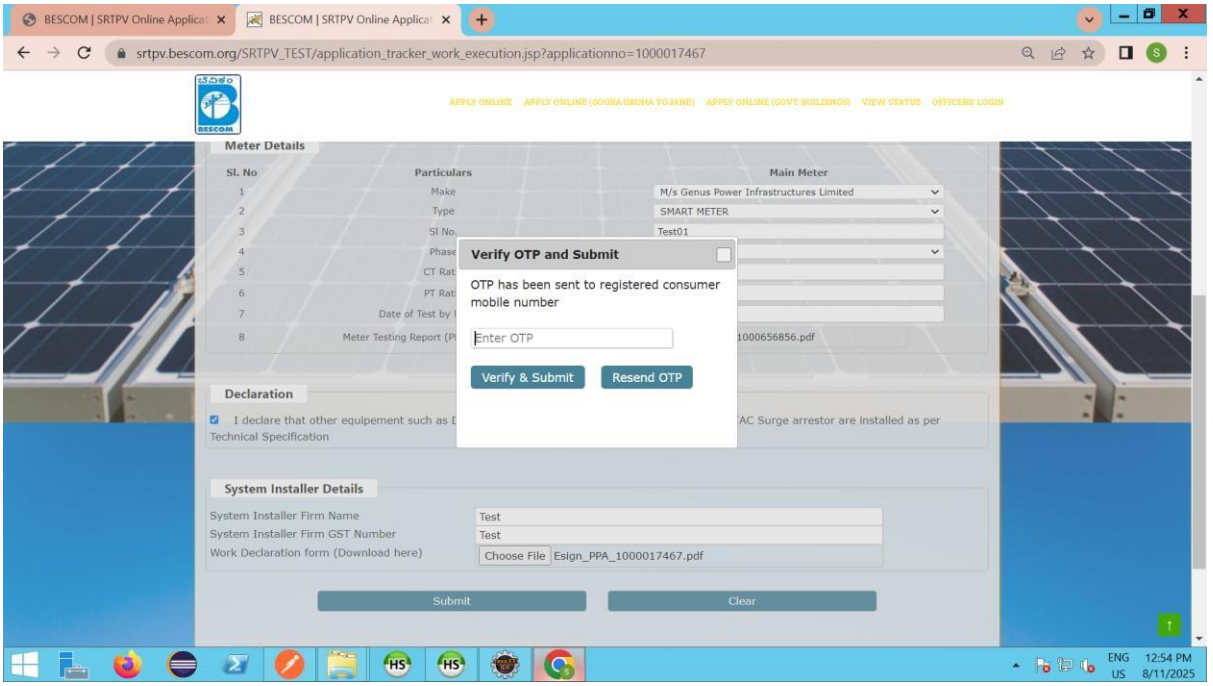


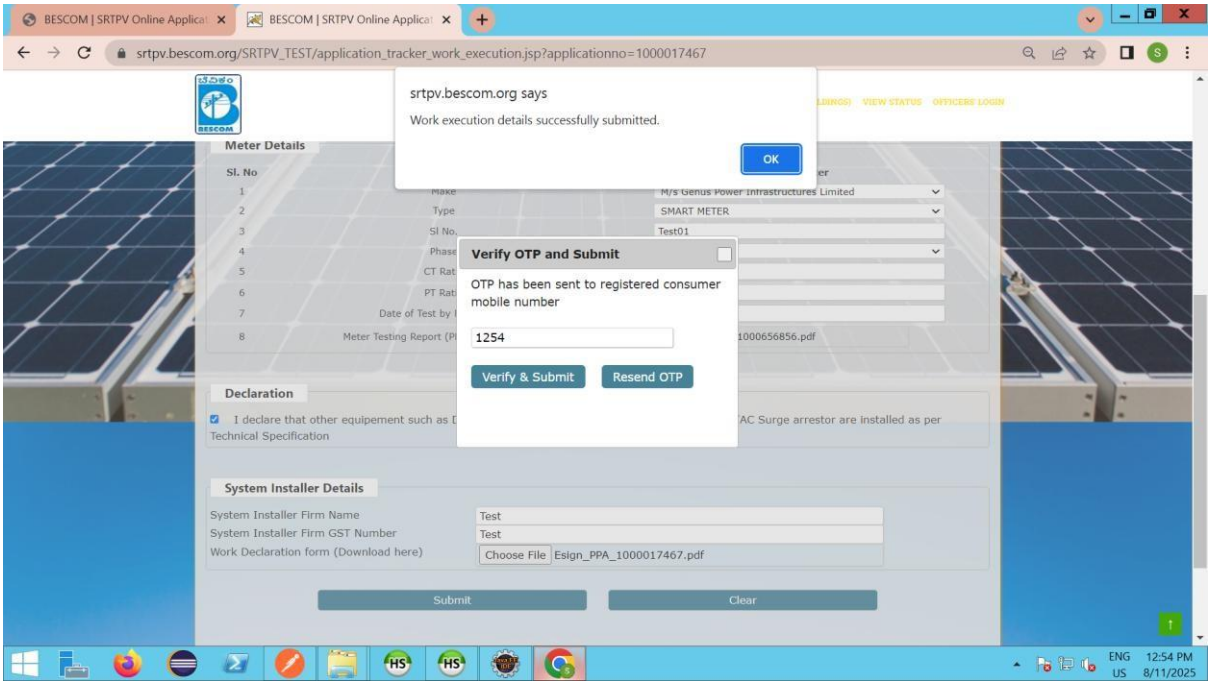


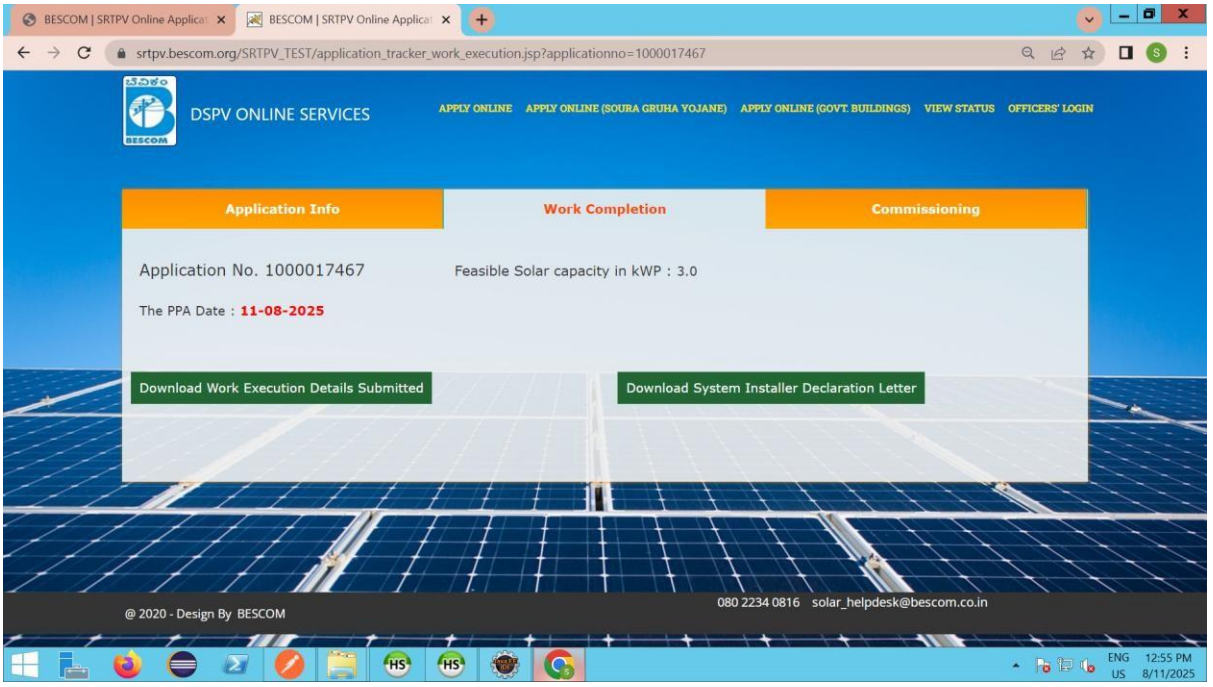

BESCOM | SRTPV Online Applicat
srtpv.bescom.org/SRTPV_TEST/application_tracker_work_execution.jsp?applicationno=1000017467
DSPV ONLINE SERVICES
APPLY ONLINE
APPLY ONLINE (SOURA GRUHA YOJANE)
APPLY ONLINE (GOVT. BUILDINGS)
VIEW STATUS
OFFICERS' LOGIN
Application Info
Work Completion
Commissioning
Application No. 1000017467
Feasible Solar capacity in kWP : 3.0
The PPA Date : 11-08-2025
The work of installation of SRTPV system is completed and I would like to submit the following information for your kind needful.
Solar PV Module
Sl No.
Make of the PV Module
Type of the PV Module
Capacity of each module in kWp
No. of Modules
Sl. No of Modules (Comma separated)
Total capacity of this make, type & capacity
Add
Delete
1
Test
Mono
0.500
6
test01,test02,test03,testi
3
Total PV Panel capacity (in kWp) 3.000
Inverter
Sl No.
Make of the Inverter
Type of the Inverter
Capacity of the Inverter (kVA)
No. of Inverters
Sl. No of Inverters (Comma separated)
Total capacity of this make, type & capacity
Add
Delete
1
Test
Hybrid
3
1
test01
3
Total Inverter capacity (in kVA) 3

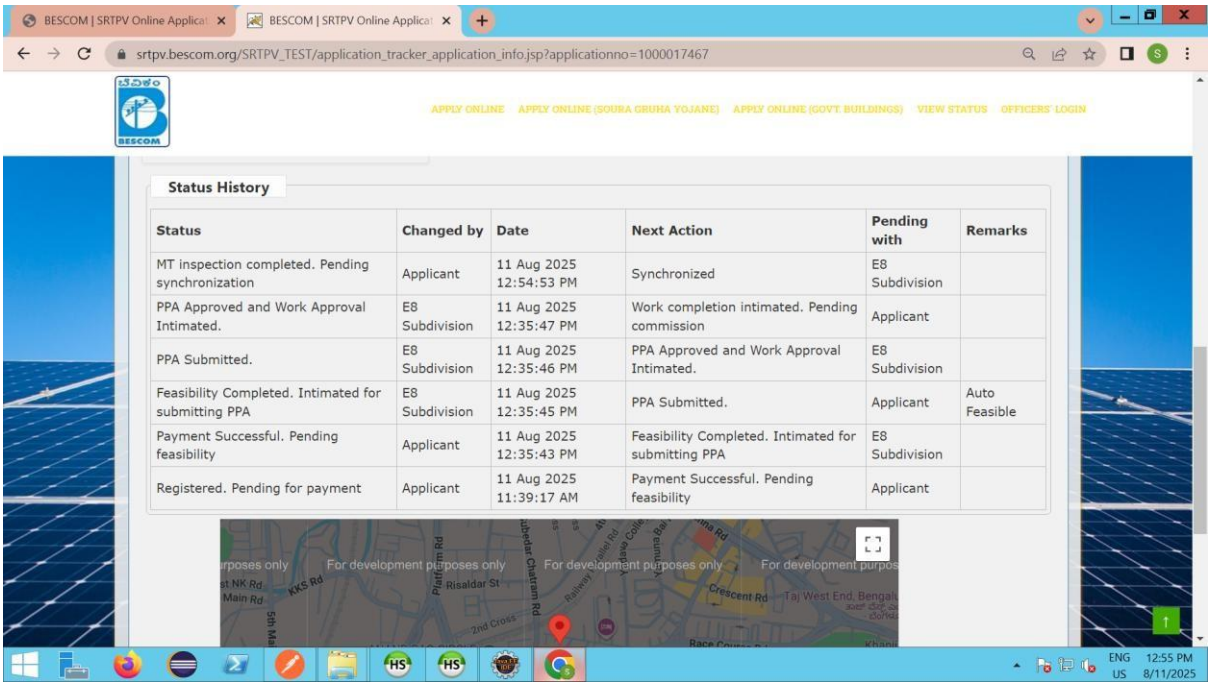

BESCOM | SRTPV Online Applicat
srtpv.bescom.org/SRTPV_TEST/application_tracker_work_execution.jsp?applicationno=1000017467
Meter Details
Sl. No
Particulars
Main Meter
1
Make
M/s Genus Power Infrastructures Limited
2
Type
SMART METER
3
Sl No.
Test01
4
Phase
Three Phase
5
CT Ratio
0
6
PT Ratio
0
7
Date of Test by MT Division
10/08/2025
8
Meter Testing Report (PDF less than 2 MB)
Choose File
Draft_PPA1000656856.pdf
Declaration
I declare that other equipement such as DC/AC Cabels, AJB/DC distribution box, Earthing, DC/AC Surge arrestor are installed as per Technical Specification
System Installer Details
System Installer Firm Name
Test
System Installer Firm GST Number
Test
Work Declaration form (Download here)
Choose File
Esign_PPA_1000017467.pdf
Submit
Clear


srtpv.bescom.org says
Please confirm the details entered. Do you wish to continue ?
OK
Cancel
Meter Details
Declaration
I declare that other equipement such as DC/AC Cabels, AJB/DC distribution box, Earthing, DC/AC Surge arrestor are installed as per Technical Specification
System Installer Details
System Installer Firm Name
System Installer Firm GST Number
Work Declaration form (Download here)
Submit
Clear


Verify OTP and Submit
OTP has been sent to registered consumer mobile number
Enter OTP
Verify & Submit
Resend OTP
Meter Details
Declaration
System Installer Details
Submit
Clear

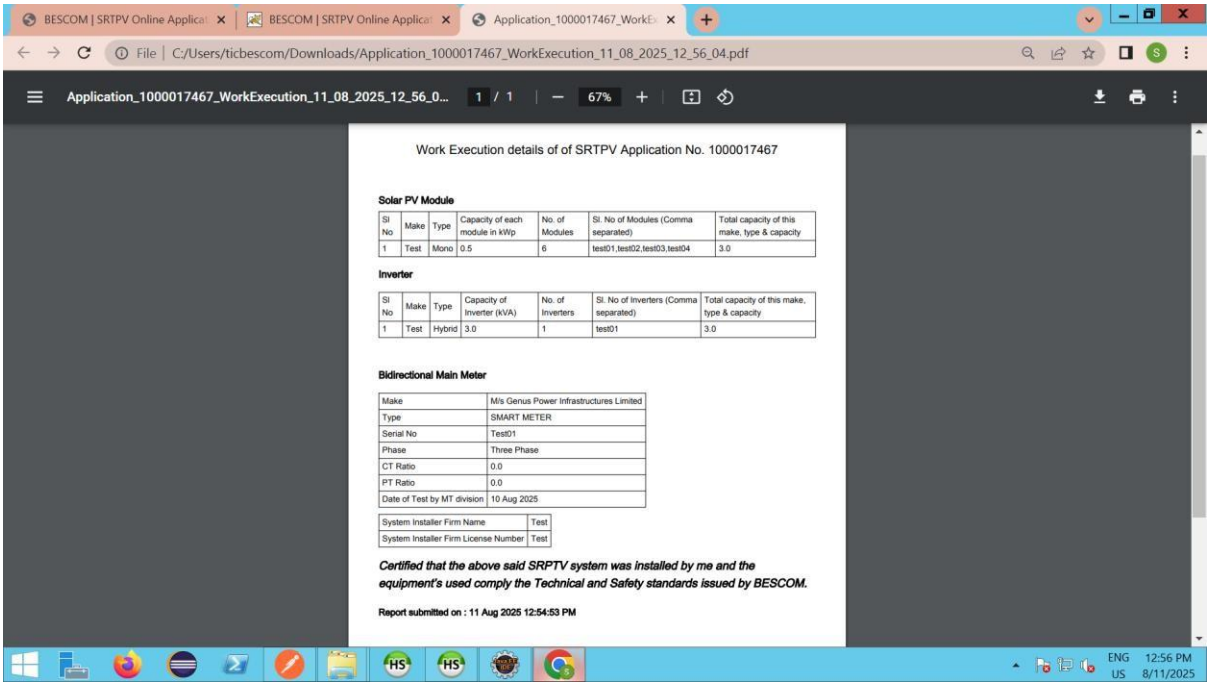

srtpv.bescom.org says
Work execution details successfully submitted.
OK
Verify OTP and Submit
OTP has been sent to registered consumer mobile number
1254
Verify & Submit
Resend OTP
Meter Details
Declaration
System Installer Details
System Installer Firm Name
System Installer Firm GST Number
Work Declaration form (Download here)
Submit
Clear


DSPV ONLINE SERVICES
APPLY ONLINE
APPLY ONLINE (SOURA GRUHA YOJANE)
APPLY ONLINE (GOVT. BUILDINGS)
VIEW STATUS
OFFICERS' LOGIN
Application Info
Work Completion
Commissioning
Application No. 1000017467
Feasible Solar capacity in kWP : 3.0
The PPA Date : 11-08-2025
Download Work Execution Details Submitted
Download System Installer Declaration Letter
@ 2020 - Design By BESCOM
080 2234 0816 solar_helpdesk@bescom.co.in



Status History

Status	Changed by	Date	Next Action	Pending with	Remarks
MT inspection completed. Pending synchronization	Applicant	11 Aug 2025 12:54:53 PM	Synchronized	E8 Subdivision	
PPA Approved and Work Approval Intimated.	E8 Subdivision	11 Aug 2025 12:35:47 PM	Work completion intimated. Pending commission	Applicant	
PPA Submitted.	E8 Subdivision	11 Aug 2025 12:35:46 PM	PPA Approved and Work Approval Intimated.	E8 Subdivision	
Feasibility Completed. Intimated for submitting PPA	E8 Subdivision	11 Aug 2025 12:35:45 PM	PPA Submitted.	Applicant	Auto Feasible
Payment Successful. Pending feasibility	Applicant	11 Aug 2025 12:35:43 PM	Feasibility Completed. Intimated for submitting PPA	E8 Subdivision	
Registered. Pending for payment	Applicant	11 Aug 2025 11:39:17 AM	Payment Successful. Pending feasibility	Applicant	



Work Execution details of of SRTPV Application No. 1000017467

Solar PV Module

Sl No	Make	Type	Capacity of each module in kWp	No. of Modules	Sl. No of Modules (Comma separated)	Total capacity of this make, type & capacity
1	Test	Mono	0.5	6	test01,test02,test03,test04	3.0

Inverter

Sl No	Make	Type	Capacity of Inverter (kVA)	No. of Inverters	Sl. No of Inverters (Comma separated)	Total capacity of this make, type & capacity
1	Test	Hybrid	3.0	1	test01	3.0

Bidirectional Main Meter

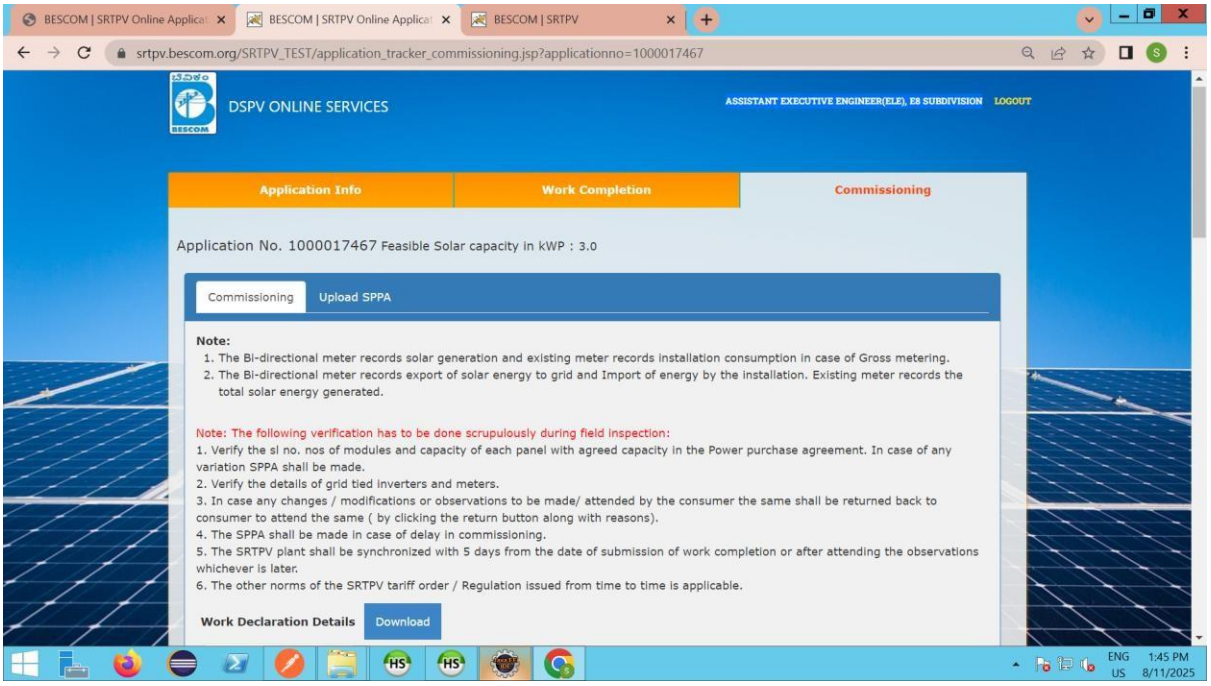
Make	M/s Genus Power Infrastructures Limited
Type	SMART METER
Serial No	Test01
Phase	Three Phase
CT Ratio	0.0
PT Ratio	0.0
Date of Test by MT division	10 Aug 2025

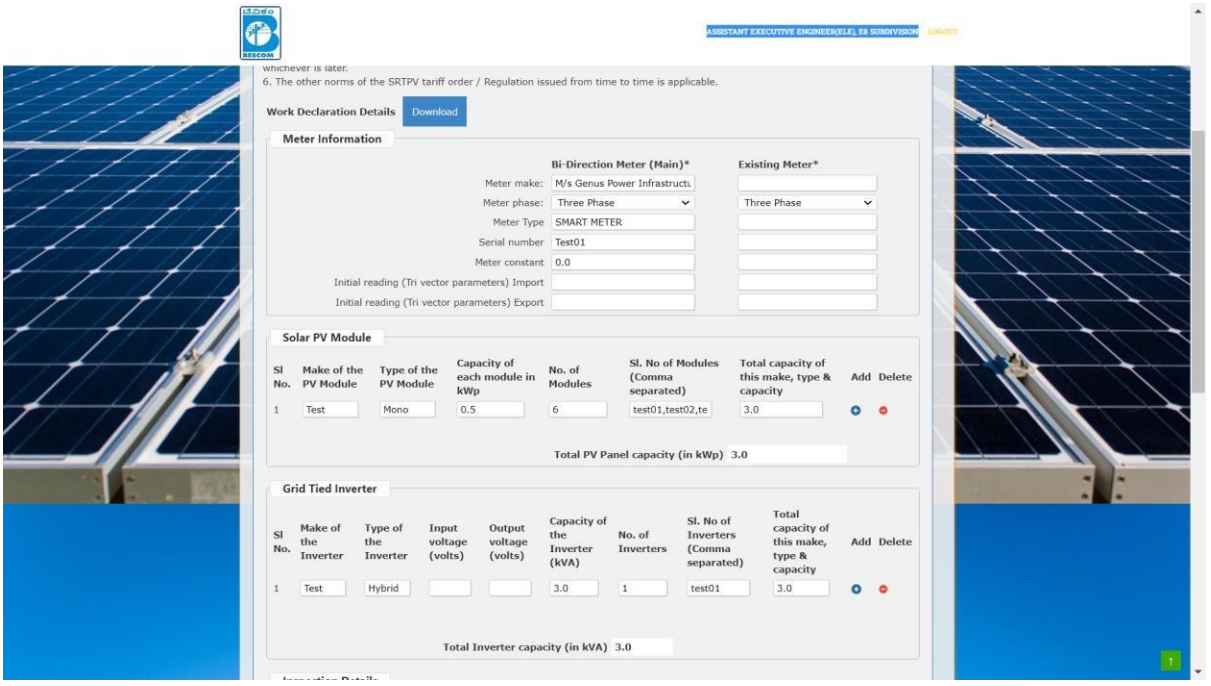
System Installer Firm Name	Test
System Installer Firm License Number	Test

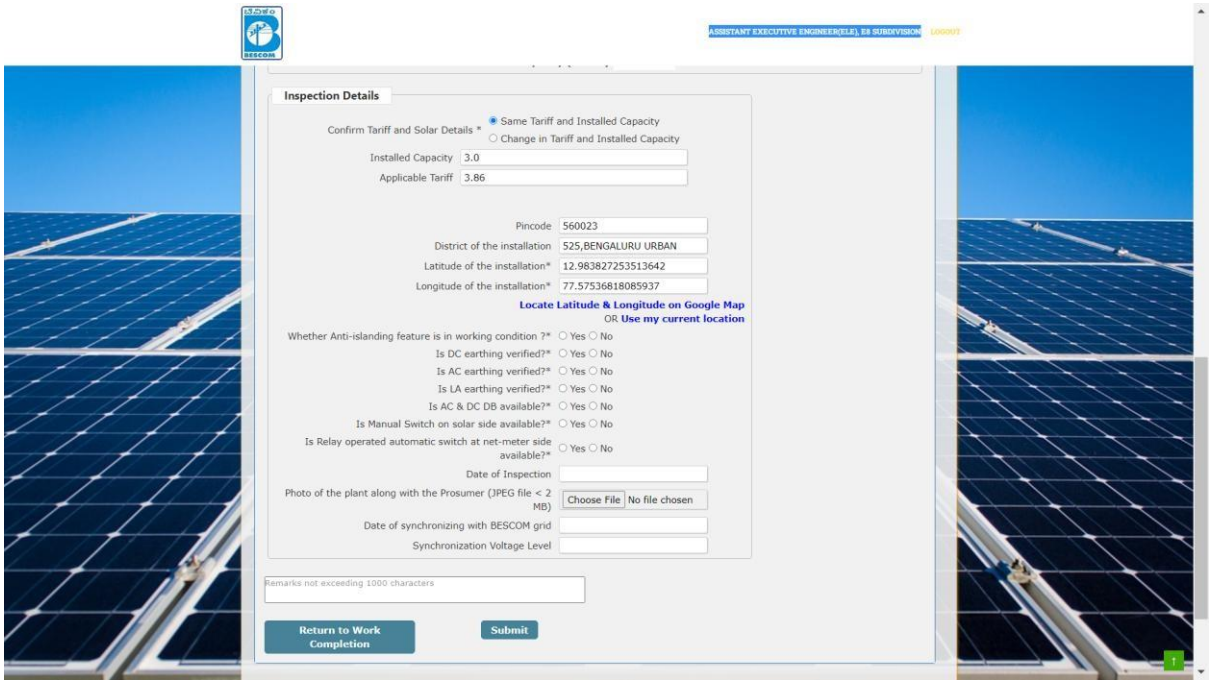
Certified that the above said SRPTV system was installed by me and the equipment's used comply the Technical and Safety standards issued by BESCOM.

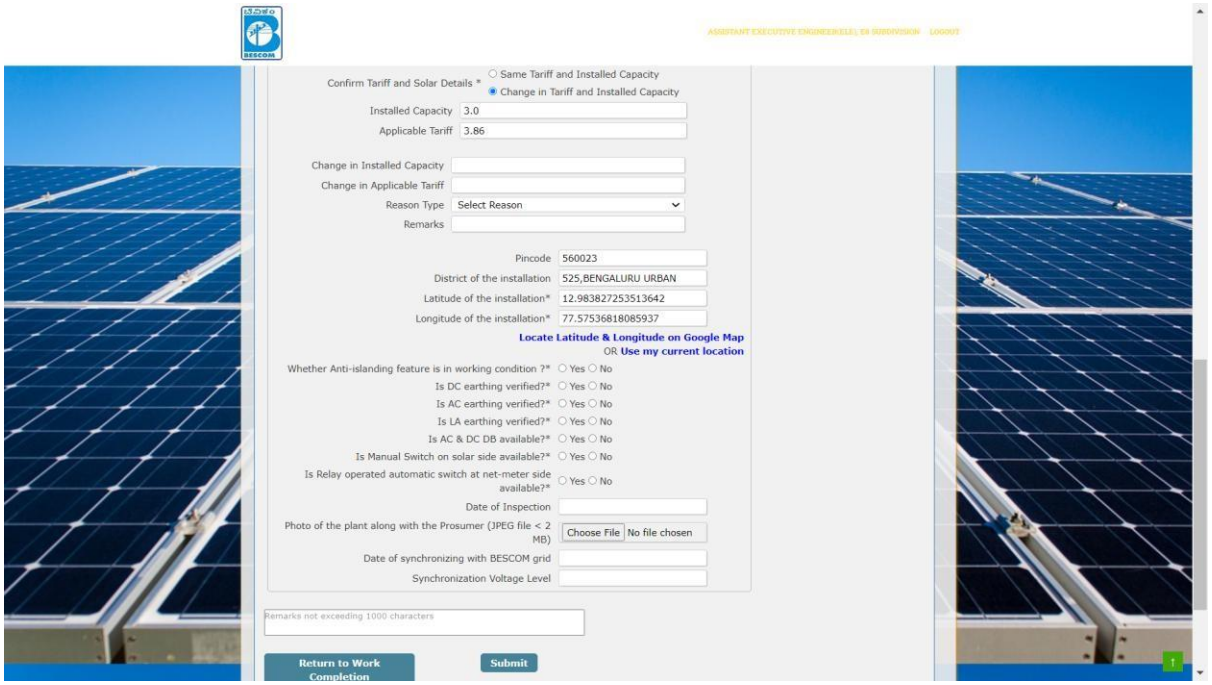
Report submitted on : 11 Aug 2025 12:54:53 PM

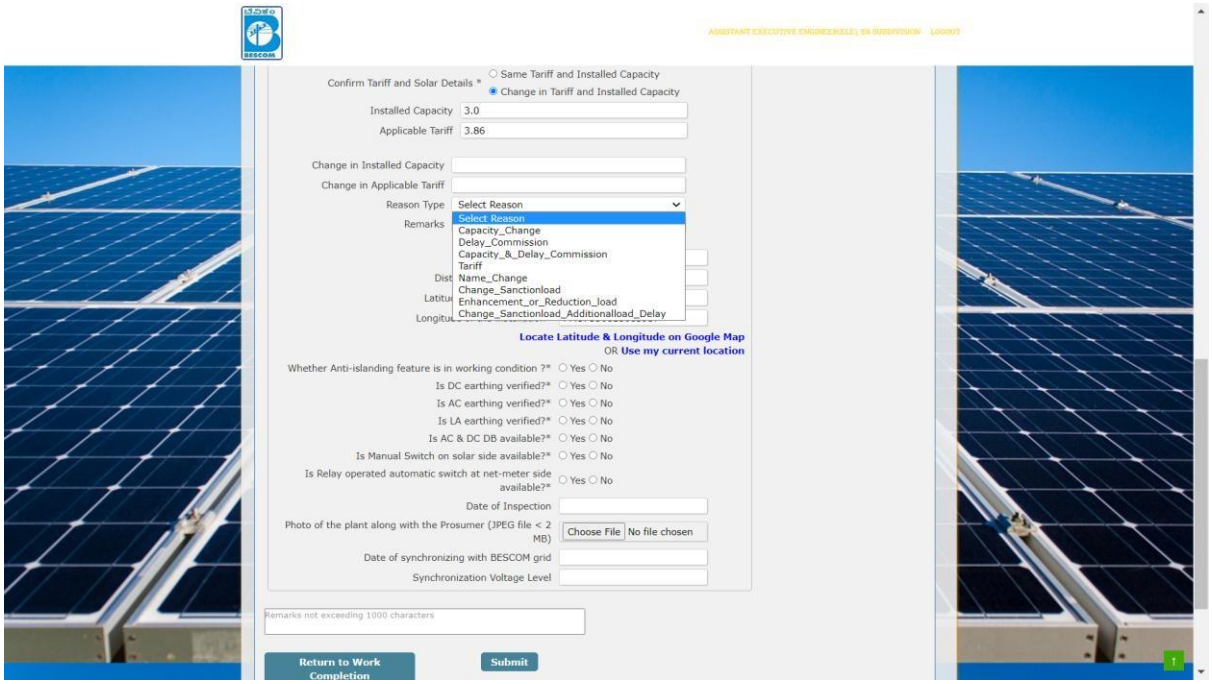
Commissioning Step

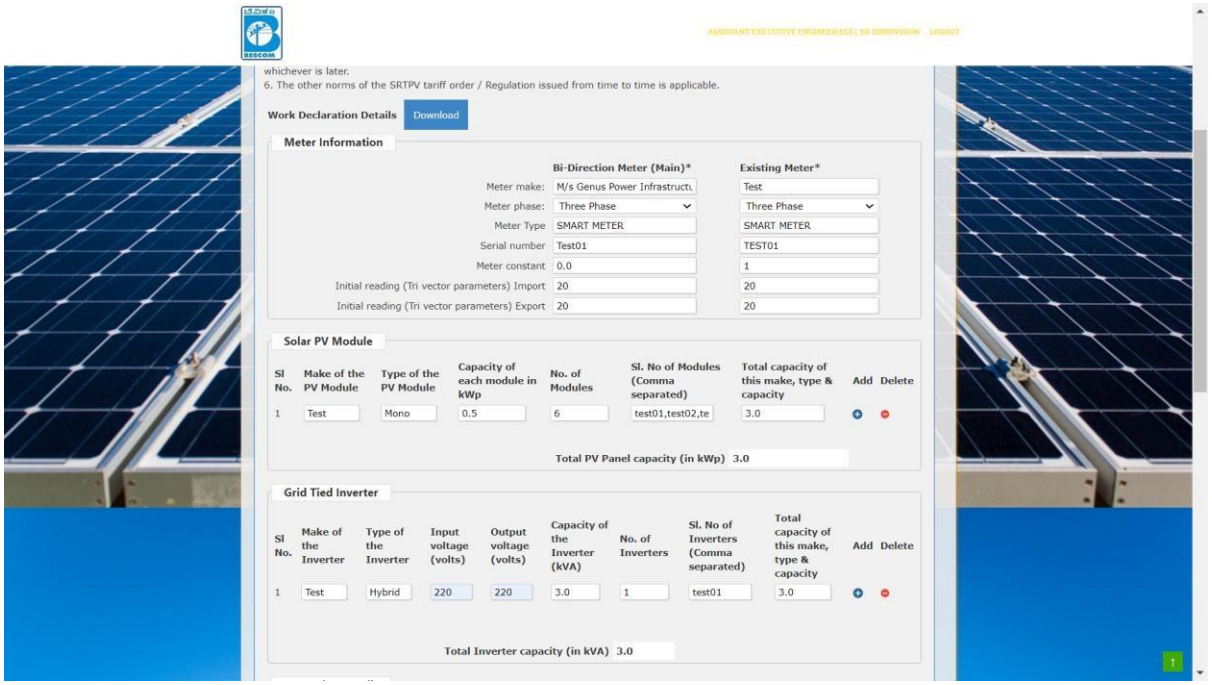


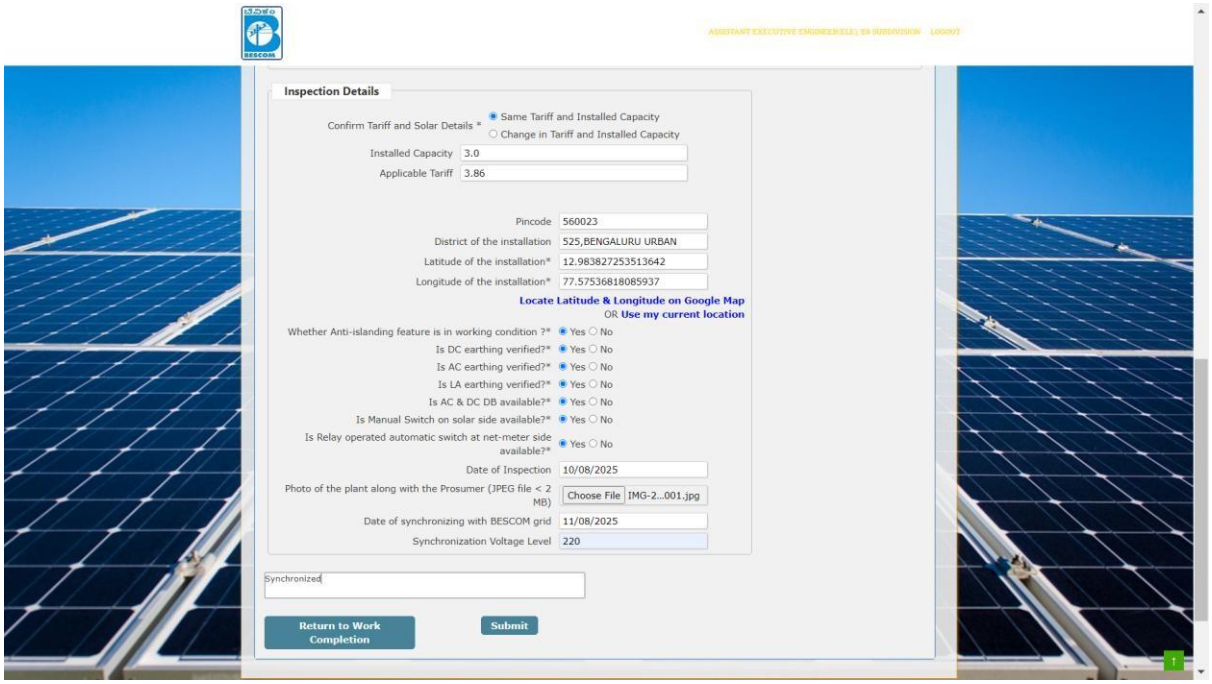


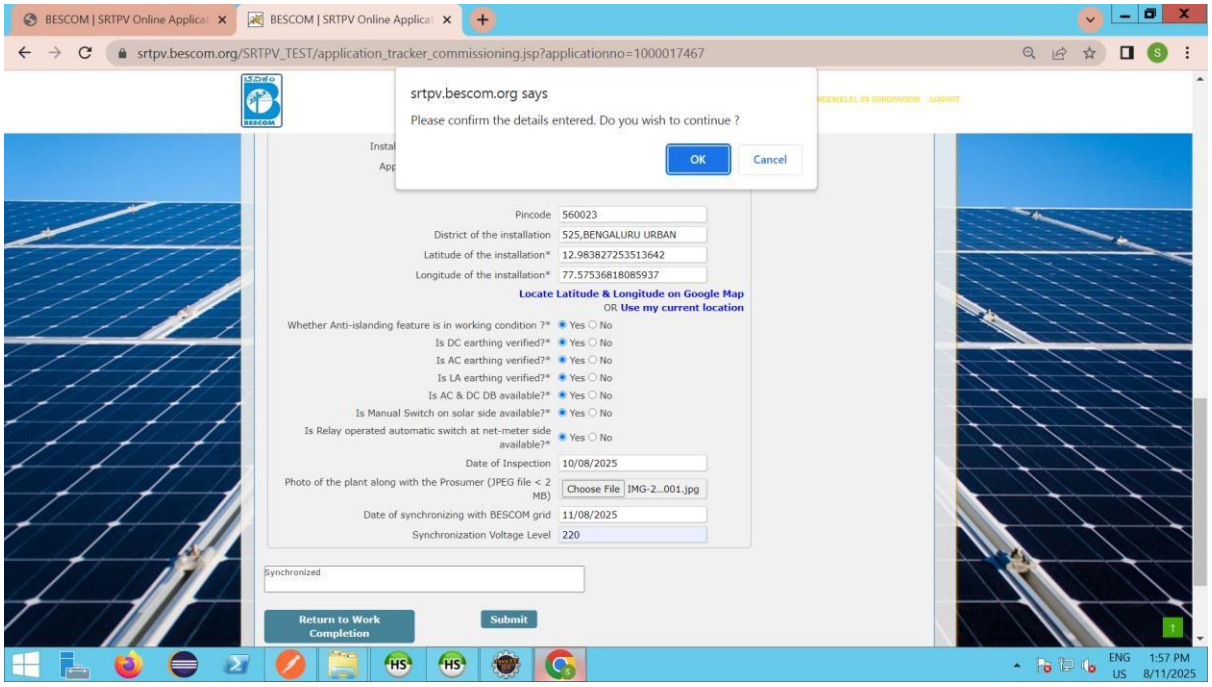

ASSISTANT EXECUTIVE ENGINEER(ELE), EB SUBDIVISION LOGOUT
Inspection Details
Confirm Tariff and Solar Details * Same Tariff and Installed Capacity
Change in Tariff and Installed Capacity
Installed Capacity 3.0
Applicable Tariff 3.86
Pincode 560023
District of the installation 525,BENGALURU URBAN
Latitude of the installation* 12.983827253513642
Longitude of the installation* 77.57536818085937
Locate Latitude & Longitude on Google Map
OR Use my current location
Whether Anti-islanding feature is in working condition ?* Yes No
Is DC earthing verified?* Yes No
Is AC earthing verified?* Yes No
Is LA earthing verified?* Yes No
Is AC & DC DB available?* Yes No
Is Manual Switch on solar side available?* Yes No
Is Relay operated automatic switch at net-meter side available?* Yes No
Date of Inspection
Photo of the plant along with the Prosumer (JPEG file < 2 MB) Choose File No file chosen
Date of synchronizing with BESCOM grid
Synchronization Voltage Level
Remarks not exceeding 1000 characters
Return to Work Completion
Submit

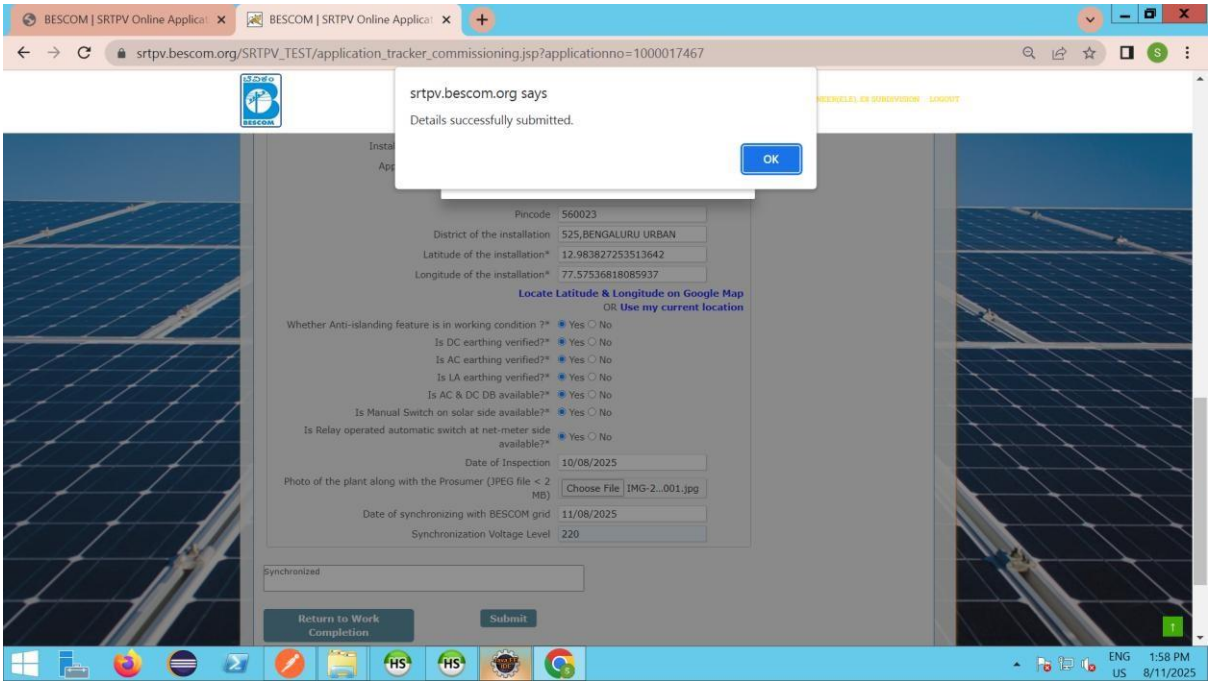

Confirm Tariff and Solar Details * Same Tariff and Installed Capacity
Change in Tariff and Installed Capacity
Installed Capacity 3.0
Applicable Tariff 3.86
Change in Installed Capacity
Change in Applicable Tariff
Reason Type Select Reason
Remarks
Pincode 560023
District of the installation 525,BENGALURU URBAN
Latitude of the installation* 12.983827253513642
Longitude of the installation* 77.57536818085937
Locate Latitude & Longitude on Google Map
OR Use my current location
Whether Anti-islanding feature is in working condition ?* Yes No
Is DC earthing verified?* Yes No
Is AC earthing verified?* Yes No
Is LA earthing verified?* Yes No
Is AC & DC DB available?* Yes No
Is Manual Switch on solar side available?* Yes No
Is Relay operated automatic switch at net-meter side available?* Yes No
Date of Inspection
Photo of the plant along with the Prosumer (JPEG file < 2 MB) Choose File No file chosen
Date of synchronizing with BESCOM grid
Synchronization Voltage Level
Remarks not exceeding 1000 characters
Return to Work Completion
Submit

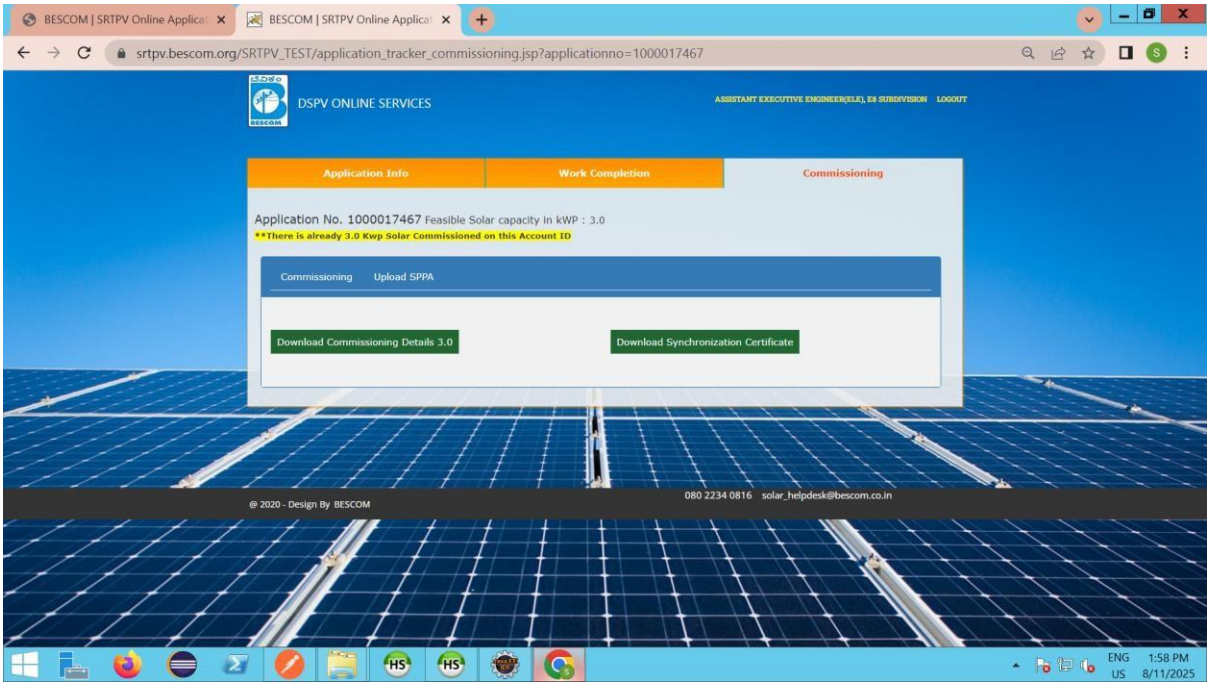

Confirm Tariff and Solar Details *
Same Tariff and Installed Capacity
Change in Tariff and Installed Capacity
Installed Capacity 3.0
Applicable Tariff 3.86
Change in Installed Capacity
Change in Applicable Tariff
Reason Type Select Reason
Remarks
Select Reason
Capacity_Change
Delay_Commission
Capacity_&_Delay_Commission
Tariff
Name_Change
Change_Sanctionload
Enhancement_or_Reduction_load
Change_Sanctionload_Additionalload_Delay
Locate Latitude & Longitude on Google Map
OR Use my current location
Whether Anti-islanding feature is in working condition ?* Yes No
Is DC earthing verified?* Yes No
Is AC earthing verified?* Yes No
Is LA earthing verified?* Yes No
Is AC & DC DB available?* Yes No
Is Manual Switch on solar side available?* Yes No
Is Relay operated automatic switch at net-meter side available?* Yes No
Date of Inspection
Photo of the plant along with the Prosumer (JPEG file < 2 MB)
Choose File No file chosen
Date of synchronizing with BESCOM grid
Synchronization Voltage Level
Remarks not exceeding 1000 characters
Return to Work Completion
Submit

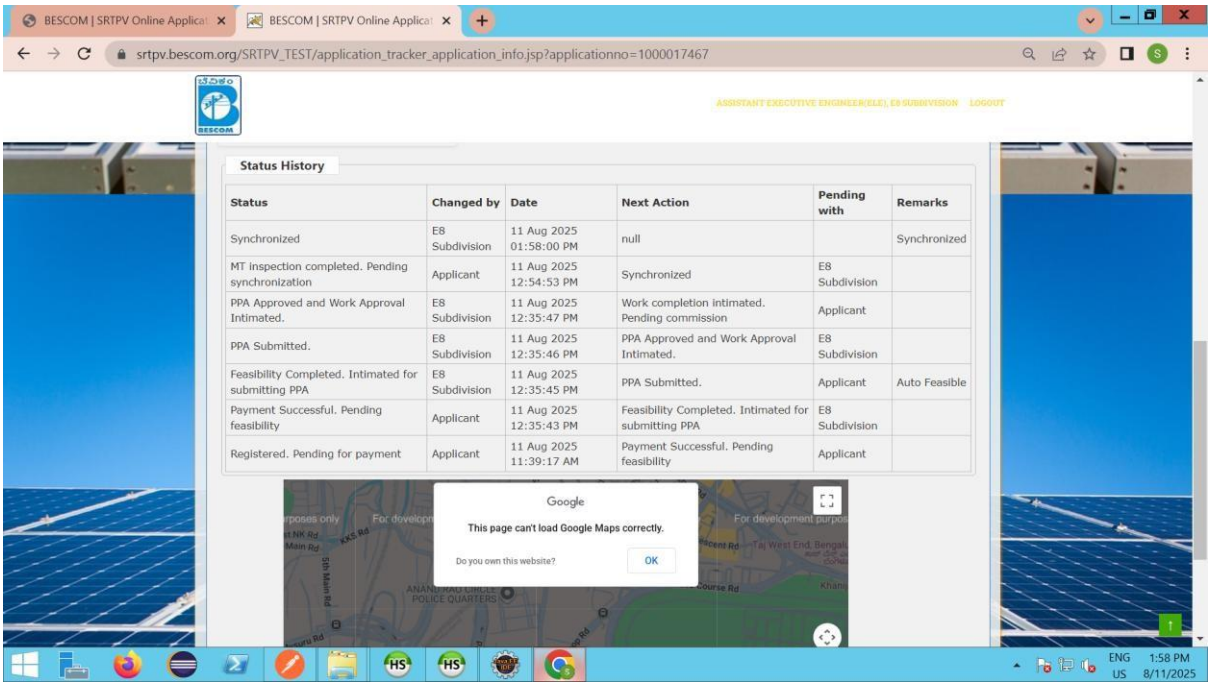

whichever is later.
6. The other norms of the SRTPV tariff order / Regulation issued from time to time is applicable.
Work Declaration Details
Download
Meter Information
Bi-Direction Meter (Main)*
Existing Meter*
Meter make: M/s Genus Power Infrastructu. Test
Meter phase: Three Phase Three Phase
Meter Type SMART METER SMART METER
Serial number Test01 TEST01
Meter constant 0.0 1
Initial reading (Tri vector parameters) Import 20 20
Initial reading (Tri vector parameters) Export 20 20
Solar PV Module
Sl No. | Make of the PV Module | Type of the PV Module | Capacity of each module in kWp | No. of Modules | Sl. No of Modules (Comma separated) | Total capacity of this make, type & capacity | Add | Delete
1 | Test | Mono | 0.5 | 6 | test01,test02,te | 3.0
Total PV Panel capacity (in kWp) 3.0
Grid Tied Inverter
Sl No. | Make of the Inverter | Type of the Inverter | Input voltage (volts) | Output voltage (volts) | Capacity of the Inverter (kVA) | No. of Inverters | Sl. No of Inverters (Comma separated) | Total capacity of this make, type & capacity | Add | Delete
1 | Test | Hybrid | 220 | 220 | 3.0 | 1 | test01 | 3.0
Total Inverter capacity (in kVA) 3.0

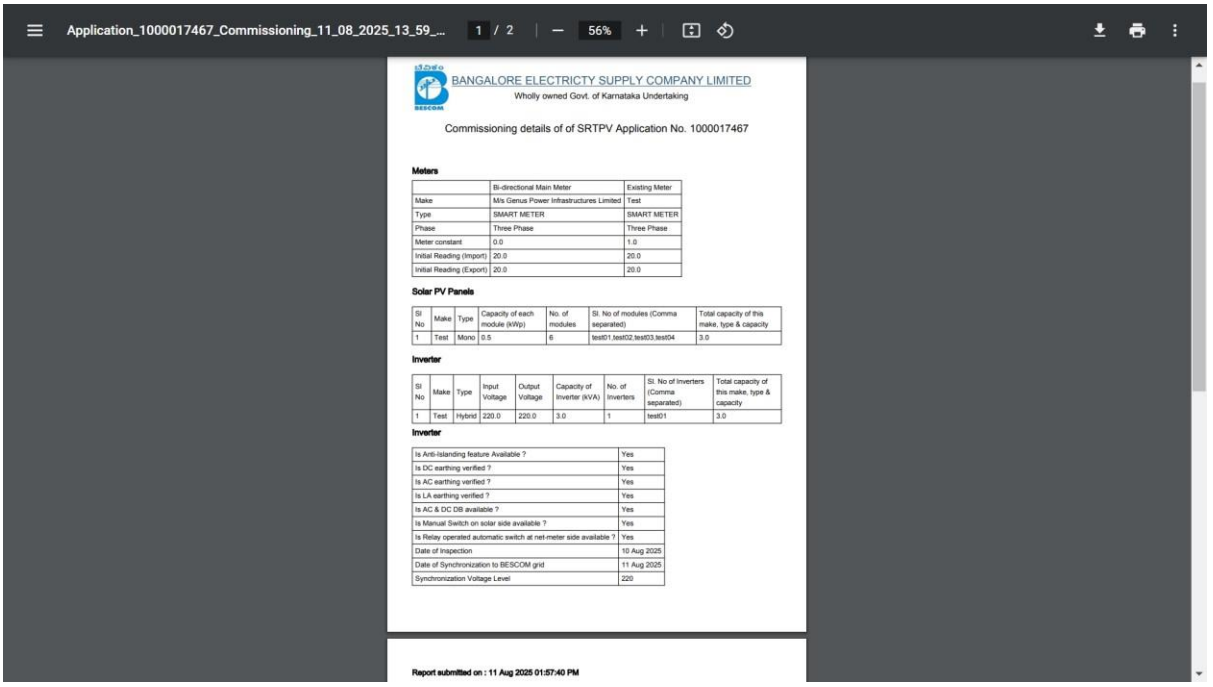

Inspection Details
Confirm Tariff and Solar Details *
Same Tariff and Installed Capacity
Change in Tariff and Installed Capacity
Installed Capacity 3.0
Applicable Tariff 3.86
Pincode 560023
District of the installation 525,BENGALURU URBAN
Latitude of the installation* 12.983827253513642
Longitude of the installation* 77.57536818085937
Locate Latitude & Longitude on Google Map
OR Use my current location
Whether Anti-islanding feature is in working condition ?*
Is DC earthing verified?*
Is AC earthing verified?*
Is LA earthing verified?*
Is AC & DC DB available?*
Is Manual Switch on solar side available?*
Is Relay operated automatic switch at net-meter side available?*
Yes No
Date of Inspection 10/08/2025
Photo of the plant along with the Prosumer (JPEG file < 2 MB)
Choose File IMG-2...001.jpg
Date of synchronizing with BESCOM grid 11/08/2025
Synchronization Voltage Level 220
Synchronized
Return to Work Completion
Submit

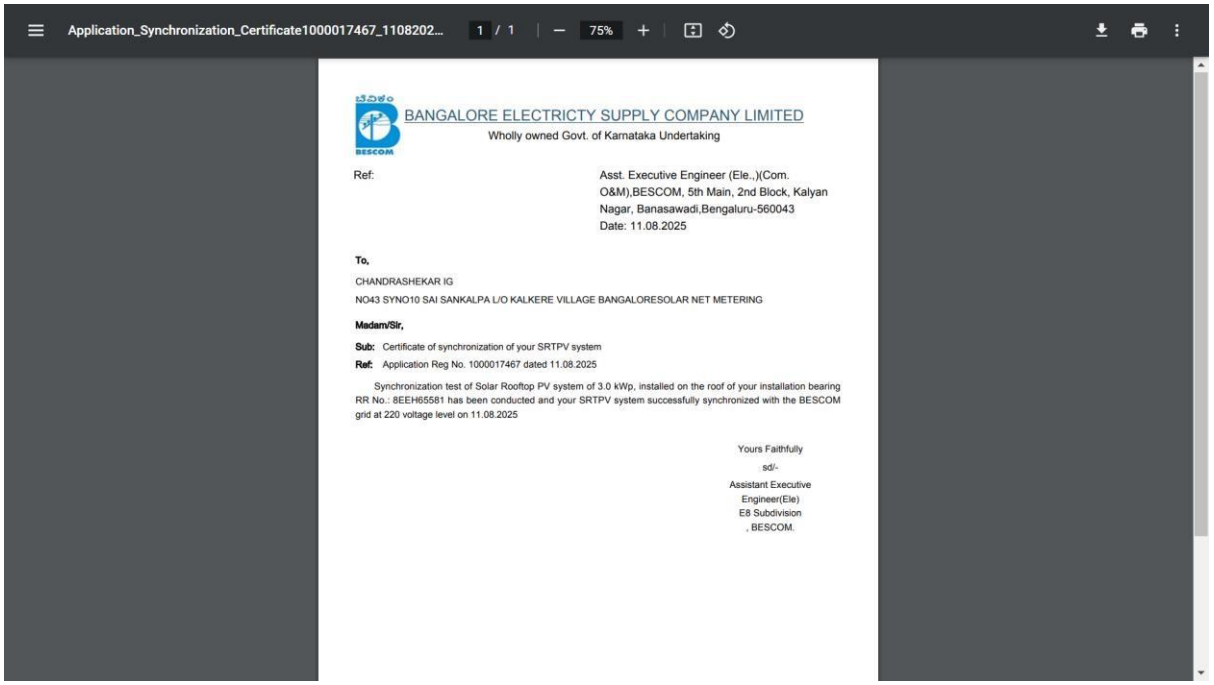

BESCOM | SRTPV Online Applica
srtpv.bescom.org/SRTPV_TEST/application_tracker_commissioning.jsp?applicationno=1000017467
srtpv.bescom.org says
Please confirm the details entered. Do you wish to continue ?
OK
Cancel
Pincode 560023
District of the installation 525,BENGALURU URBAN
Latitude of the installation* 12.983827253513642
Longitude of the installation* 77.57536818085937
Locate Latitude & Longitude on Google Map
OR Use my current location
Date of Inspection 10/08/2025
Photo of the plant along with the Prosumer (JPEG file < 2 MB)
Choose File IMG-2...001.jpg
Date of synchronizing with BESCOM grid 11/08/2025
Synchronization Voltage Level 220
Synchronized
Return to Work Completion
Submit
ENG US 1:57 PM 8/11/2025


srtpv.bescom.org says
Details successfully submitted.
OK
Pincode 560023
District of the installation 525,BENGALURU URBAN
Latitude of the installation* 12.983827253513642
Longitude of the installation* 77.57536818085937
Locate Latitude & Longitude on Google Map
OR Use my current location
Date of Inspection 10/08/2025
Date of synchronizing with BESCOM grid 11/08/2025
Synchronization Voltage Level 220
Synchronized
Return to Work Completion
Submit


DSPV ONLINE SERVICES
Application Info
Work Completion
Commissioning
Application No. 1000017467 Feasible Solar capacity in kWP : 3.0
**There is already 3.0 Kwp Solar Commissioned on this Account ID
Commissioning
Upload SPPA
Download Commissioning Details 3.0
Download Synchronization Certificate
@ 2020 - Design By BESCOM
080 2234 0816 solar_helpdesk@bescom.co.in


BESCOM | SRTPV Online Applicat
BESCOM | SRTPV Online Applicat
srtpv.bescom.org/SRTPV_TEST/application_tracker_application_info.jsp?applicationno=1000017467
ASSISTANT EXECUTIVE ENGINEER(ELE), E8 SUBDIVISION LOGOUT
Status History
Status | Changed by | Date | Next Action | Pending with | Remarks
Synchronized | E8 Subdivision | 11 Aug 2025 01:58:00 PM | null | | Synchronized
MT inspection completed. Pending synchronization | Applicant | 11 Aug 2025 12:54:53 PM | Synchronized | E8 Subdivision |
PPA Approved and Work Approval Intimated. | E8 Subdivision | 11 Aug 2025 12:35:47 PM | Work completion intimated. Pending commission | Applicant |
PPA Submitted. | E8 Subdivision | 11 Aug 2025 12:35:46 PM | PPA Approved and Work Approval Intimated. | E8 Subdivision |
Feasibility Completed. Intimated for submitting PPA | E8 Subdivision | 11 Aug 2025 12:35:45 PM | PPA Submitted. | Applicant | Auto Feasible
Payment Successful. Pending feasibility | Applicant | 11 Aug 2025 12:35:43 PM | Feasibility Completed. Intimated for submitting PPA | E8 Subdivision |
Registered. Pending for payment | Applicant | 11 Aug 2025 11:39:17 AM | Payment Successful. Pending feasibility | Applicant |
Google
This page can't load Google Maps correctly.
Do you own this website?
OK
ENG US 1:58 PM 8/11/2025


Application_1000017467_Commissioning_11_08_2025_13_59_...
1 / 2
56%
BANGALORE ELECTRICTY SUPPLY COMPANY LIMITED
Wholly owned Govt. of Karnataka Undertaking
Commissioning details of of SRTPV Application No. 1000017467
Meters
Bi-directional Main Meter | Existing Meter
Make | M/s Genus Power Infrastructures Limited | Test
Type | SMART METER | SMART METER
Phase | Three Phase | Three Phase
Meter constant | 0.0 | 1.0
Initial Reading (Import) | 20.0 | 20.0
Initial Reading (Export) | 20.0 | 20.0
Solar PV Panels
Sl No | Make | Type | Capacity of each module (kWp) | No. of modules | Sl. No of modules (Comma separated) | Total capacity of this make, type & capacity
1 | Test | Mono | 0.5 | 6 | test01,test02,test03,test04 | 3.0
Inverter
Sl No | Make | Type | Input Voltage | Output Voltage | Capacity of Inverter (kVA) | No. of Inverters | Sl. No of Inverters (Comma separated) | Total capacity of this make, type & capacity
1 | Test | Hybrid | 220.0 | 220.0 | 3.0 | 1 | test01 | 3.0
Inverter
Is Anti-islanding feature Available ? | Yes
Is DC earthing verified ? | Yes
Is AC earthing verified ? | Yes
Is LA earthing verified ? | Yes
Is AC & DC DB available ? | Yes
Is Manual Switch on solar side available ? | Yes
Is Relay operated automatic switch at net-meter side available ? | Yes
Date of Inspection | 10 Aug 2025
Date of Synchronization to BESCOM grid | 11 Aug 2025
Synchronization Voltage Level | 220
Report submitted on : 11 Aug 2025 01:57:40 PM


Application_Synchronization_Certificate1000017467_1108202... 1 / 1 75%

BANGALORE ELECTRICTY SUPPLY COMPANY LIMITED
Wholly owned Govt. of Karnataka Undertaking

Ref:

Asst. Executive Engineer (Ele.,)(Com. O&M),BESCOM, 5th Main, 2nd Block, Kalyan Nagar, Banasawadi,Bengaluru-560043
Date: 11.08.2025

To,

CHANDRASHEKAR IG

NO43 SYNO10 SAI SANKALPA L/O KALKERE VILLAGE BANGALORESOLAR NET METERING

Madam/Sir,

Sub: Certificate of synchronization of your SRTPV system

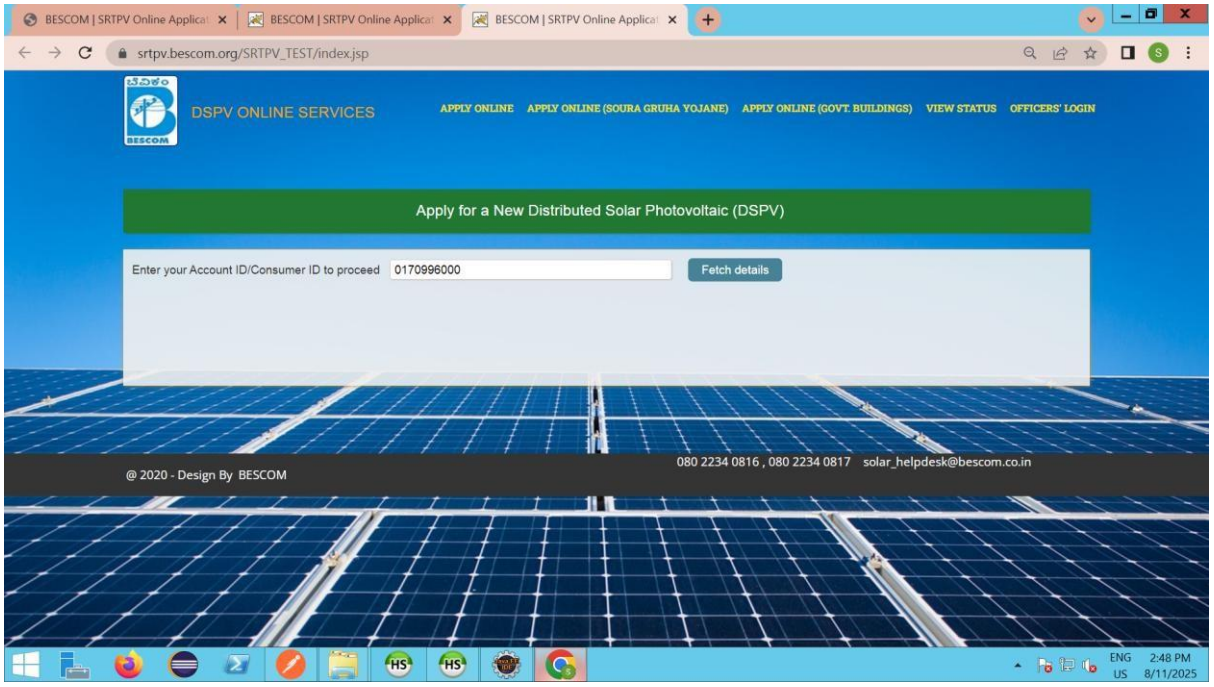
Ref: Application Reg No. 1000017467 dated 11.08.2025

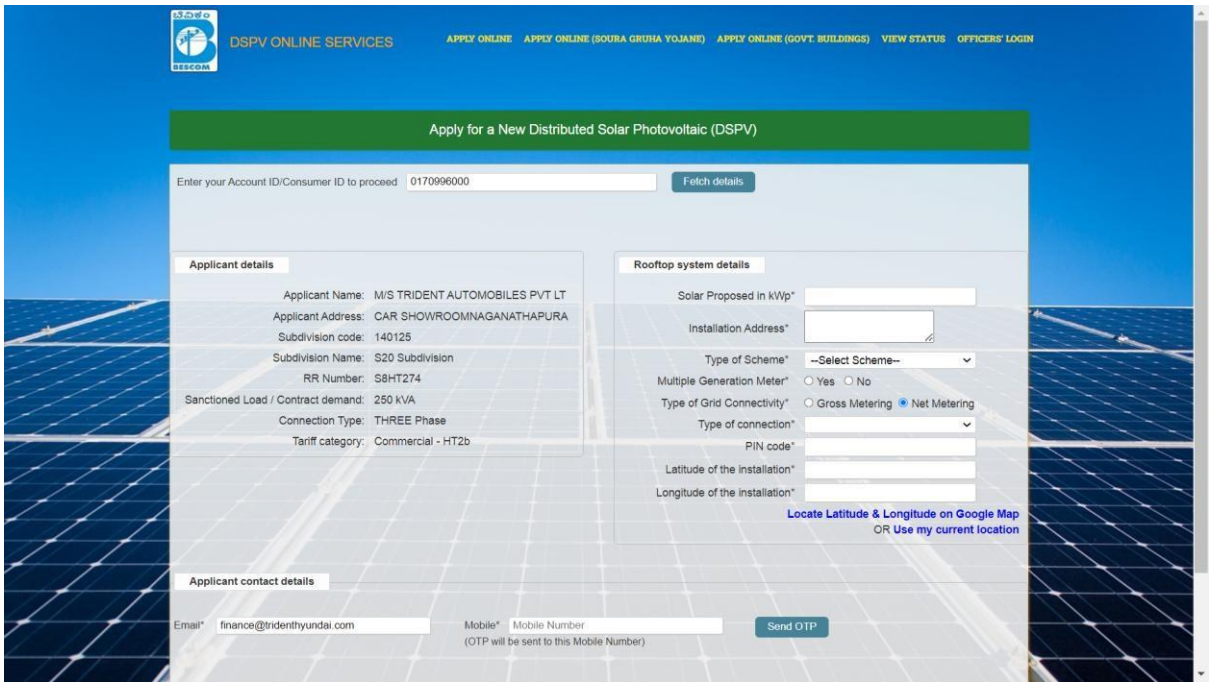
Synchronization test of Solar Rooftop PV system of 3.0 kWp, installed on the roof of your installation bearing RR No.: 8EEH65581 has been conducted and your SRTPV system successfully synchronized with the BESCOM grid at 220 voltage level on 11.08.2025

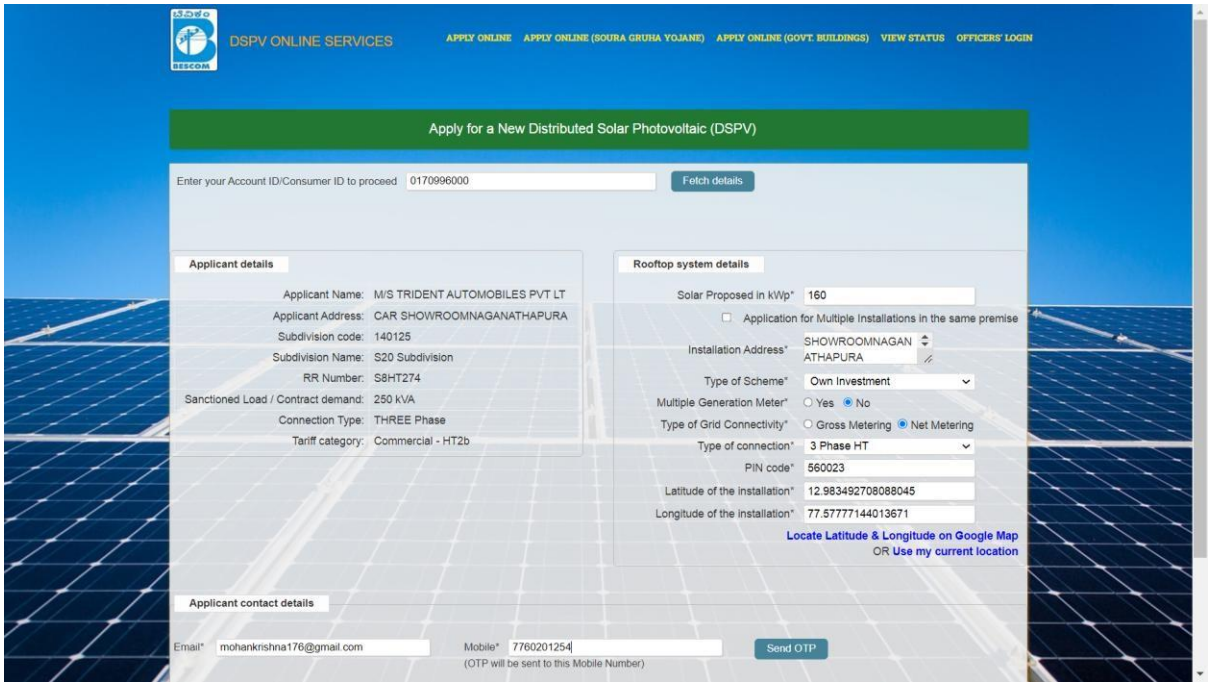
Yours Faithfully
sd/-
Assistant Executive Engineer(Ele)
E8 Subdivision
, BESCOM.

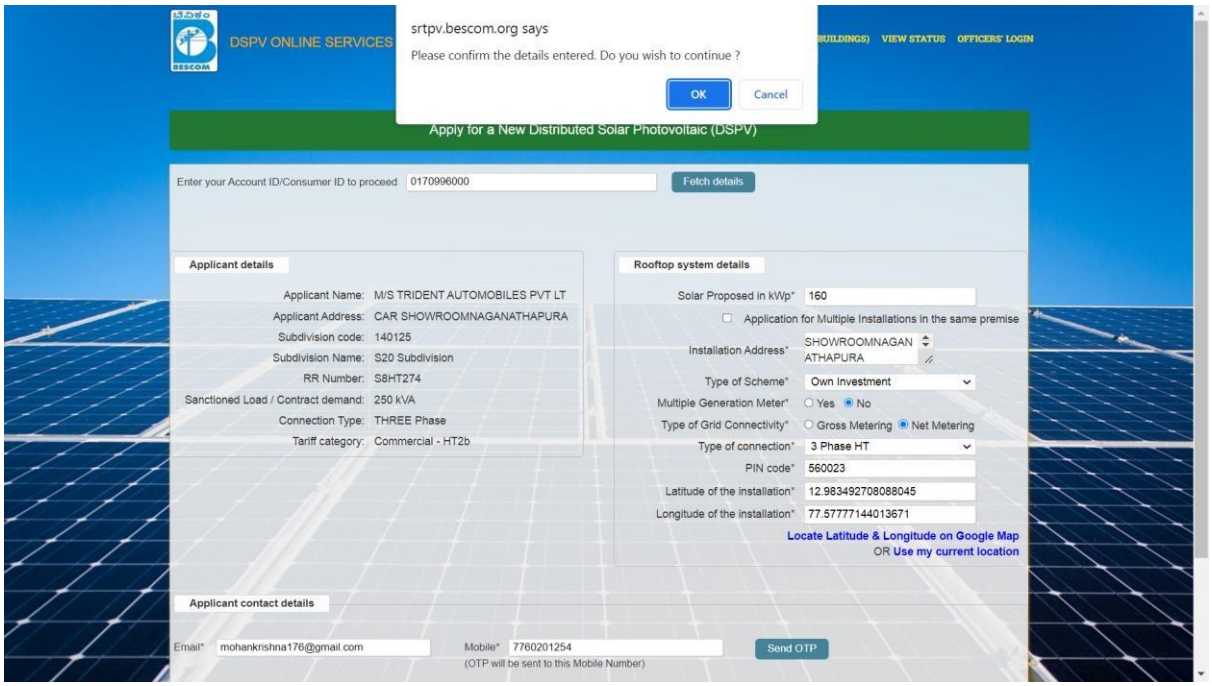
Above 150Kw Workflow

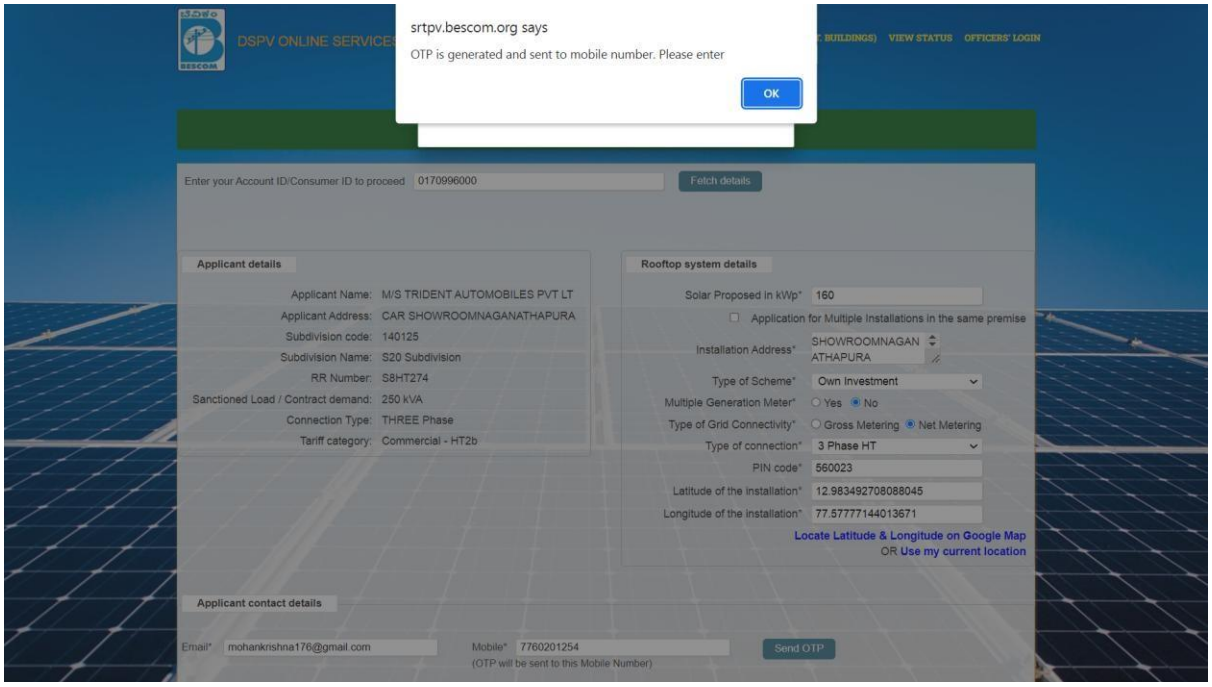
Registration Step

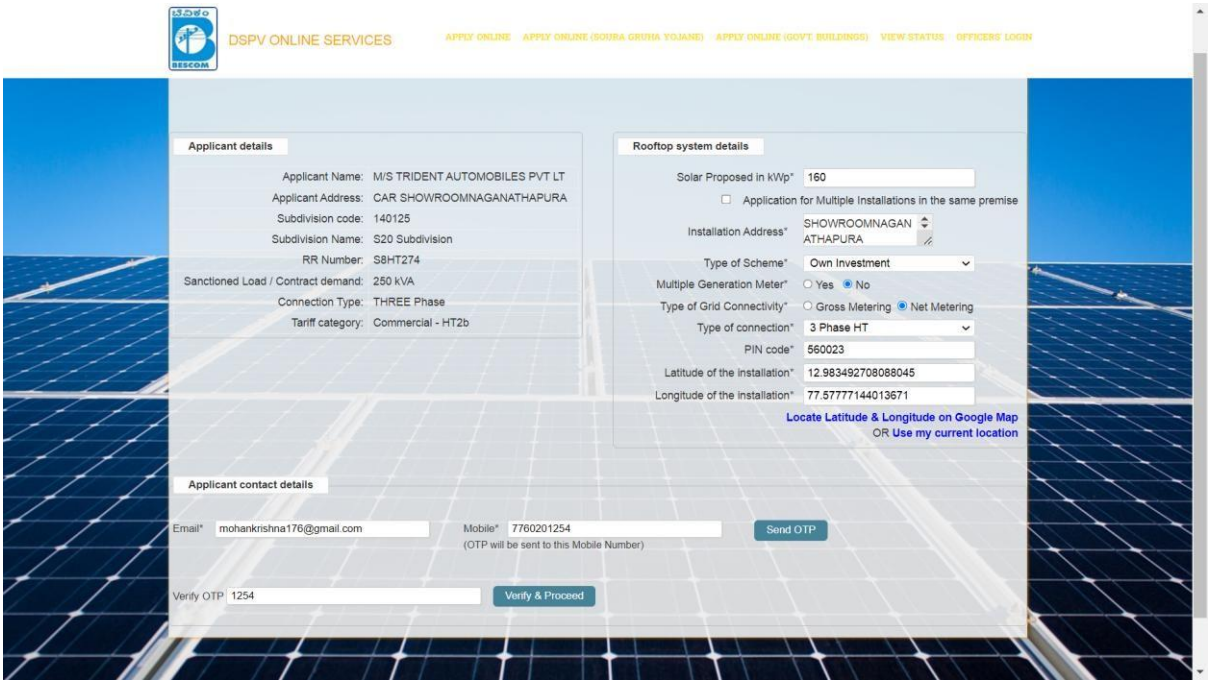


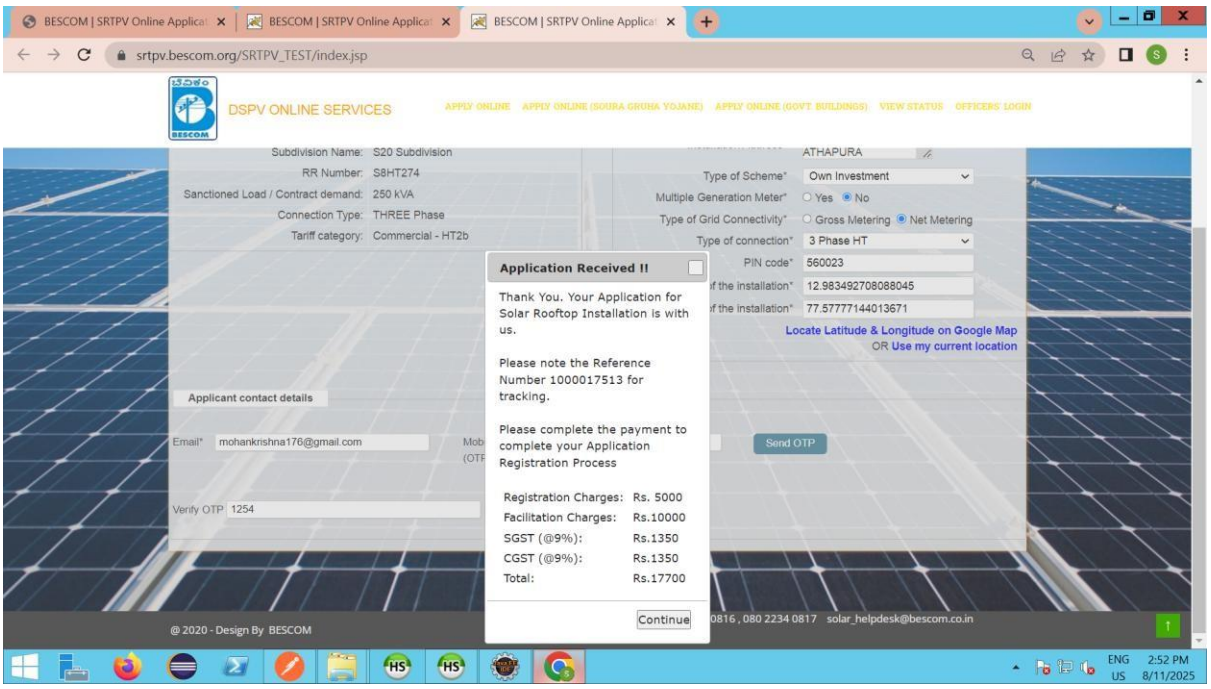

DSPV ONLINE SERVICES
APPLY ONLINE
APPLY ONLINE (SOURA GRUHA YOJANE)
APPLY ONLINE (GOVT. BUILDINGS)
VIEW STATUS
OFFICERS' LOGIN
Apply for a New Distributed Solar Photovoltaic (DSPV)
Enter your Account ID/Consumer ID to proceed
0170996000
Fetch details
Applicant details
Applicant Name: M/S TRIDENT AUTOMOBILES PVT LT
Applicant Address: CAR SHOWROOMNAGANATHAPURA
Subdivision code: 140125
Subdivision Name: S20 Subdivision
RR Number: S8HT274
Sanctioned Load / Contract demand: 250 kVA
Connection Type: THREE Phase
Tariff category: Commercial - HT2b
Rooftop system details
Solar Proposed in kWp*
Installation Address*
Type of Scheme* --Select Scheme--
Multiple Generation Meter* Yes No
Type of Grid Connectivity* Gross Metering Net Metering
Type of connection*
PIN code*
Latitude of the installation*
Longitude of the installation*
Locate Latitude & Longitude on Google Map
OR Use my current location
Applicant contact details
Email* finance@tridenthyundai.com
Mobile* Mobile Number
(OTP will be sent to this Mobile Number)
Send OTP

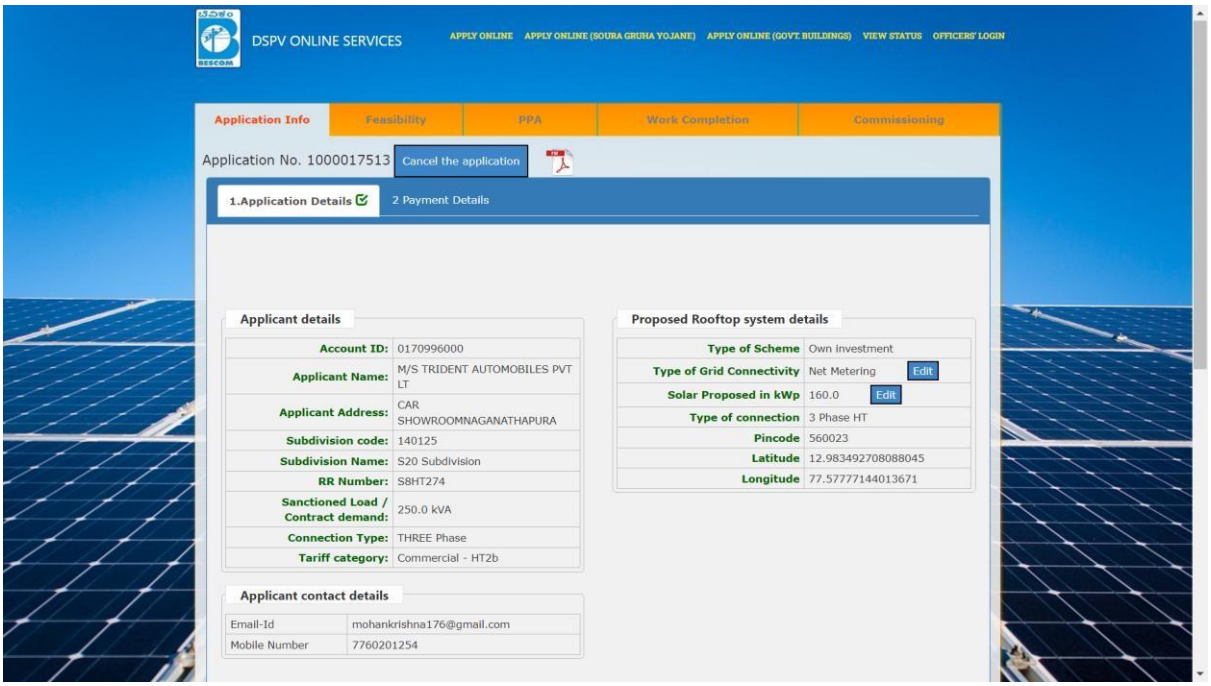

DSPV ONLINE SERVICES
APPLY ONLINE
APPLY ONLINE (SOURA GRUHA YOJANE)
APPLY ONLINE (GOVT. BUILDINGS)
VIEW STATUS
OFFICERS' LOGIN
Apply for a New Distributed Solar Photovoltaic (DSPV)
Enter your Account ID/Consumer ID to proceed
0170996000
Fetch details
Applicant details
Applicant Name: M/S TRIDENT AUTOMOBILES PVT LT
Applicant Address: CAR SHOWROOMNAGANATHAPURA
Subdivision code: 140125
Subdivision Name: S20 Subdivision
RR Number: S8HT274
Sanctioned Load / Contract demand: 250 kVA
Connection Type: THREE Phase
Tariff category: Commercial - HT2b
Rooftop system details
Solar Proposed in kWp* 160
Application for Multiple Installations in the same premise
Installation Address* SHOWROOMNAGAN ATHAPURA
Type of Scheme* Own Investment
Multiple Generation Meter* Yes No
Type of Grid Connectivity* Gross Metering Net Metering
Type of connection* 3 Phase HT
PIN code* 560023
Latitude of the installation* 12.983492708088045
Longitude of the installation* 77.57777144013671
Locate Latitude & Longitude on Google Map
OR Use my current location
Applicant contact details
Email* mohankrishna176@gmail.com
Mobile* 7760201254
(OTP will be sent to this Mobile Number)
Send OTP

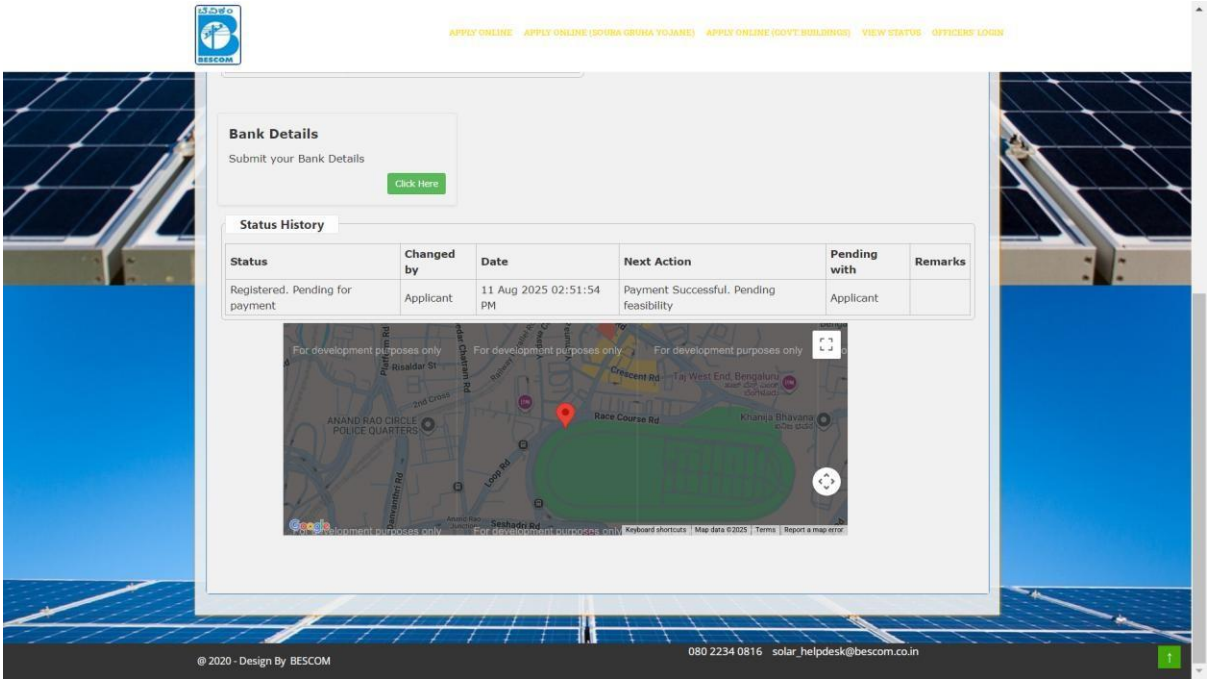

srtpv.bescom.org says
Please confirm the details entered. Do you wish to continue ?
OK
Cancel
DSPV ONLINE SERVICES
VIEW STATUS
OFFICERS' LOGIN
Apply for a New Distributed Solar Photovoltaic (DSPV)
Enter your Account ID/Consumer ID to proceed
0170996000
Fetch details
Applicant details
Applicant Name: M/S TRIDENT AUTOMOBILES PVT LT
Applicant Address: CAR SHOWROOMNAGANATHAPURA
Subdivision code: 140125
Subdivision Name: S20 Subdivision
RR Number: S8HT274
Sanctioned Load / Contract demand: 250 kVA
Connection Type: THREE Phase
Tariff category: Commercial - HT2b
Rooftop system details
Solar Proposed in kWp* 160
Application for Multiple Installations in the same premise
Installation Address* SHOWROOMNAGAN ATHAPURA
Type of Scheme* Own Investment
Multiple Generation Meter* Yes No
Type of Grid Connectivity* Gross Metering Net Metering
Type of connection* 3 Phase HT
PIN code* 560023
Latitude of the installation* 12.983492708088045
Longitude of the installation* 77.57777144013671
Locate Latitude & Longitude on Google Map
OR Use my current location
Applicant contact details
Email* mohankrishna176@gmail.com
Mobile* 7760201254
(OTP will be sent to this Mobile Number)
Send OTP


srtpv.bescom.org says
OTP is generated and sent to mobile number. Please enter
OK
DSPV ONLINE SERVICES
VIEW STATUS
OFFICERS' LOGIN
Enter your Account ID/Consumer ID to proceed
0170996000
Fetch details
Applicant details
Applicant Name: M/S TRIDENT AUTOMOBILES PVT LT
Applicant Address: CAR SHOWROOMNAGANATHAPURA
Subdivision code: 140125
Subdivision Name: S20 Subdivision
RR Number: S8HT274
Sanctioned Load / Contract demand: 250 kVA
Connection Type: THREE Phase
Tariff category: Commercial - HT2b
Rooftop system details
Solar Proposed in kWp* 160
Application for Multiple Installations in the same premise
Installation Address* SHOWROOMNAGAN ATHAPURA
Type of Scheme* Own Investment
Multiple Generation Meter* Yes No
Type of Grid Connectivity* Gross Metering Net Metering
Type of connection* 3 Phase HT
PIN code* 560023
Latitude of the installation* 12.983492708088045
Longitude of the installation* 77.57777144013671
Locate Latitude & Longitude on Google Map
OR Use my current location
Applicant contact details
Email* mohankrishna176@gmail.com
Mobile* 7760201254
(OTP will be sent to this Mobile Number)
Send OTP

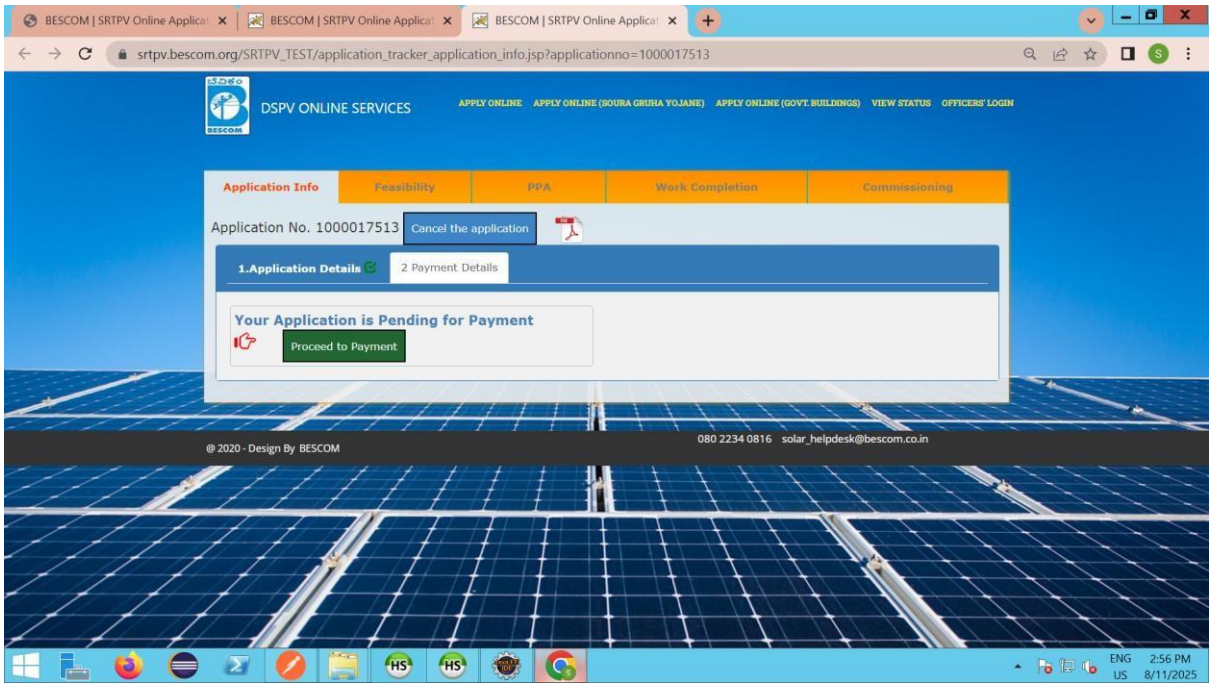

DSPV ONLINE SERVICES
APPLY ONLINE
APPLY ONLINE (SOUBA GRUHA YOJANE)
APPLY ONLINE (GOVT. BUILDINGS)
VIEW STATUS
OFFICERS LOGIN
Applicant details
Applicant Name: M/S TRIDENT AUTOMOBILES PVT LT
Applicant Address: CAR SHOWROOMNAGANATHAPURA
Subdivision code: 140125
Subdivision Name: S20 Subdivision
RR Number: S8HT274
Sanctioned Load / Contract demand: 250 kVA
Connection Type: THREE Phase
Tariff category: Commercial - HT2b
Rooftop system details
Solar Proposed in kWp* 160
Application for Multiple Installations in the same premise
Installation Address* SHOWROOMNAGAN ATHAPURA
Type of Scheme* Own Investment
Multiple Generation Meter* Yes No
Type of Grid Connectivity* Gross Metering Net Metering
Type of connection* 3 Phase HT
PIN code* 560023
Latitude of the installation* 12.983492708088045
Longitude of the installation* 77.57777144013671
Locate Latitude & Longitude on Google Map
OR Use my current location
Applicant contact details
Email* mohankrishna176@gmail.com
Mobile* 7760201254
(OTP will be sent to this Mobile Number)
Send OTP
Verify OTP 1254
Verify & Proceed

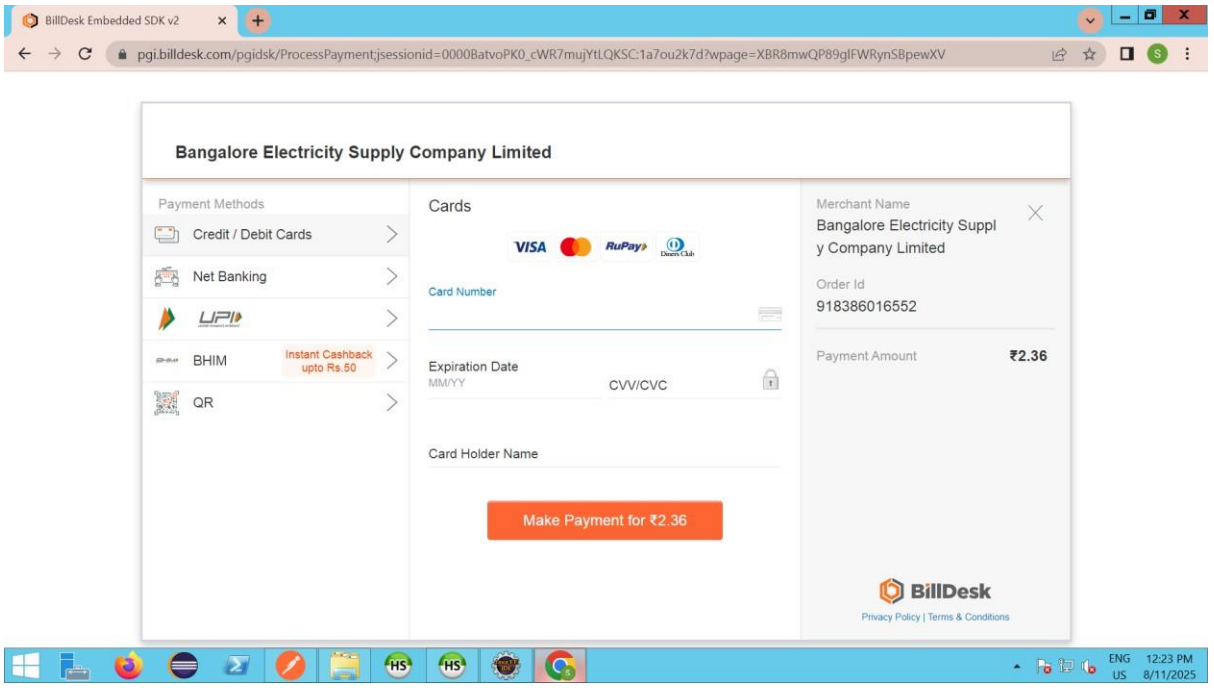

BESCOM | SRTPV Online Applicat
srtpv.bescom.org/SRTPV_TEST/index.jsp
DSPV ONLINE SERVICES
Application Received !!
Thank You. Your Application for Solar Rooftop Installation is with us.
Please note the Reference Number 1000017513 for tracking.
Please complete the payment to complete your Application Registration Process
Registration Charges: Rs. 5000
Facilitation Charges: Rs.10000
SGST (@9%): Rs.1350
CGST (@9%): Rs.1350
Total: Rs.17700
Continue
@ 2020 - Design By BESCOM
solar_helpdesk@bescom.co.in

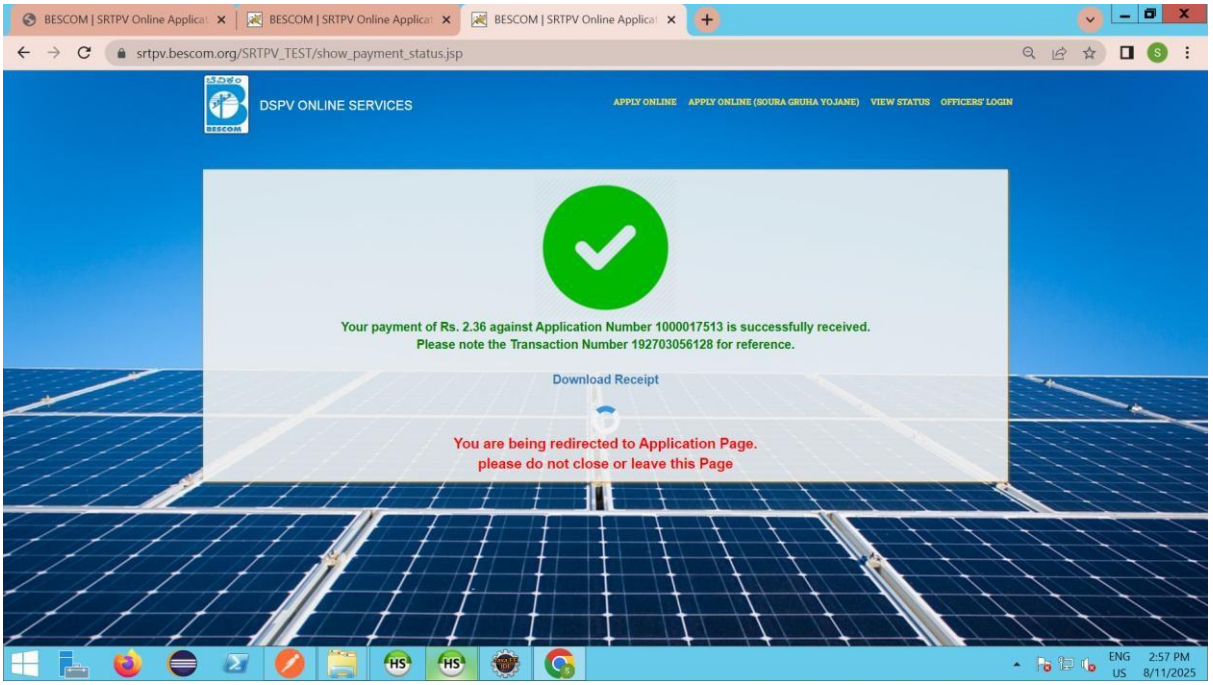

DSPV ONLINE SERVICES
APPLY ONLINE
APPLY ONLINE (SOURA GRUHA YOJANE)
APPLY ONLINE (GOVT. BUILDINGS)
VIEW STATUS
OFFICERS' LOGIN
Application Info
Feasibility
PPA
Work Completion
Commissioning
Application No. 1000017513
Cancel the application
1.Application Details
2 Payment Details
Applicant details
Account ID: 0170996000
Applicant Name: M/S TRIDENT AUTOMOBILES PVT LT
Applicant Address: CAR SHOWROOMNAGANATHAPURA
Subdivision code: 140125
Subdivision Name: S20 Subdivision
RR Number: S8HT274
Sanctioned Load / Contract demand: 250.0 kVA
Connection Type: THREE Phase
Tariff category: Commercial - HT2b
Proposed Rooftop system details
Type of Scheme: Own investment
Type of Grid Connectivity: Net Metering
Edit
Solar Proposed in kWp: 160.0
Edit
Type of connection: 3 Phase HT
Pincode: 560023
Latitude: 12.983492708088045
Longitude: 77.57777144013671
Applicant contact details
Email-Id: mohankrishna176@gmail.com
Mobile Number: 7760201254

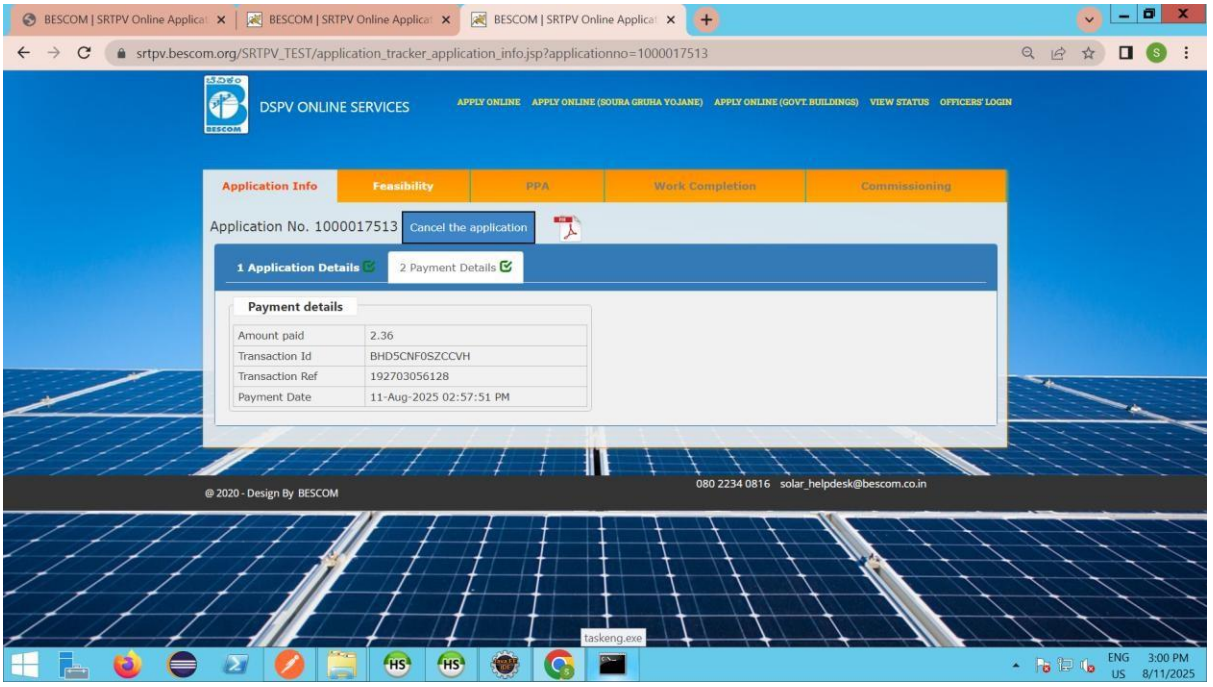

Bank Details
Submit your Bank Details
Click Here
Status History
Status
Changed by
Date
Next Action
Pending with
Remarks
Registered. Pending for payment
Applicant
11 Aug 2025 02:51:54 PM
Payment Successful. Pending feasibility
Applicant
For development purposes only
Risaldar St
Crescent Rd
Race Course Rd
ANAND RAO CIRCLE POLICE QUARTERS
Khanija Bhavana
Loop Rd
Seshadri Rd
@ 2020 - Design By BESCOM
080 2234 0816 solar_helpdesk@bescom.co.in

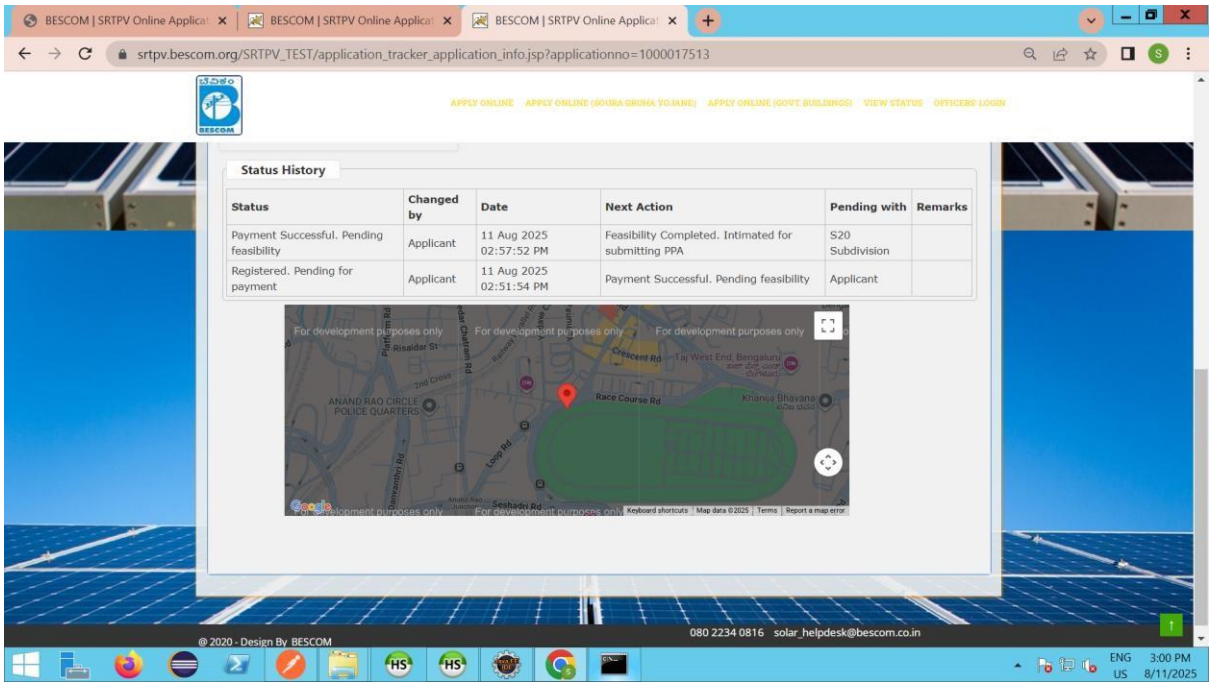
Application Payment Step

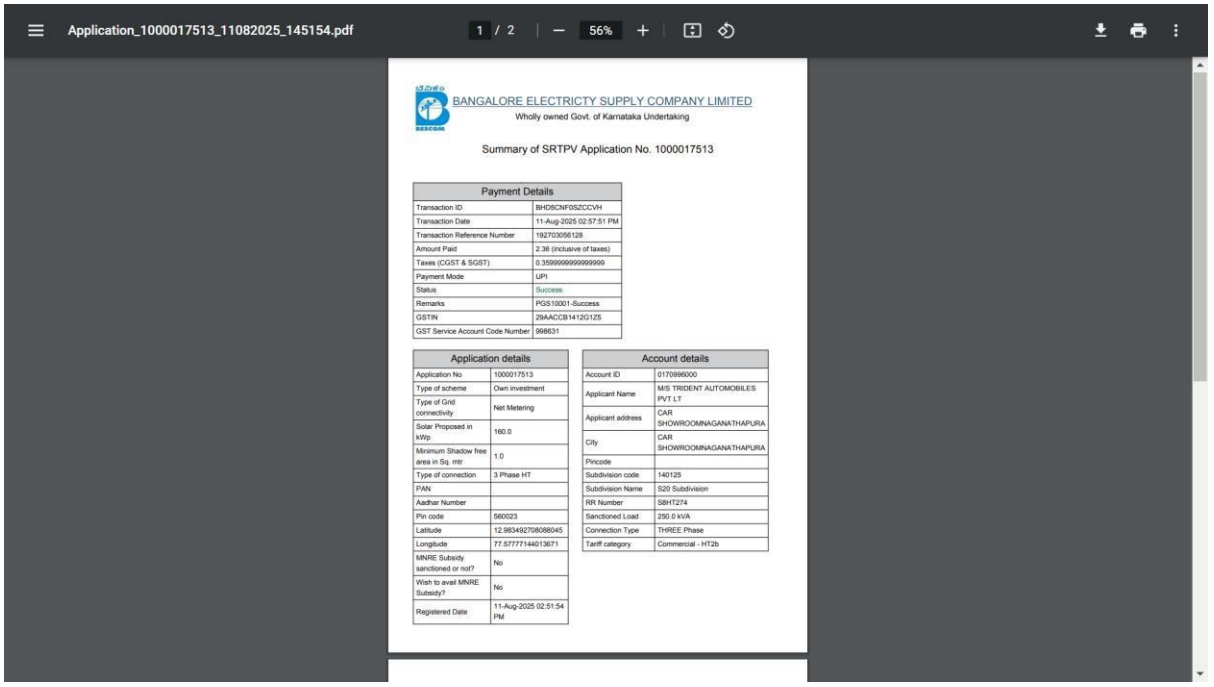


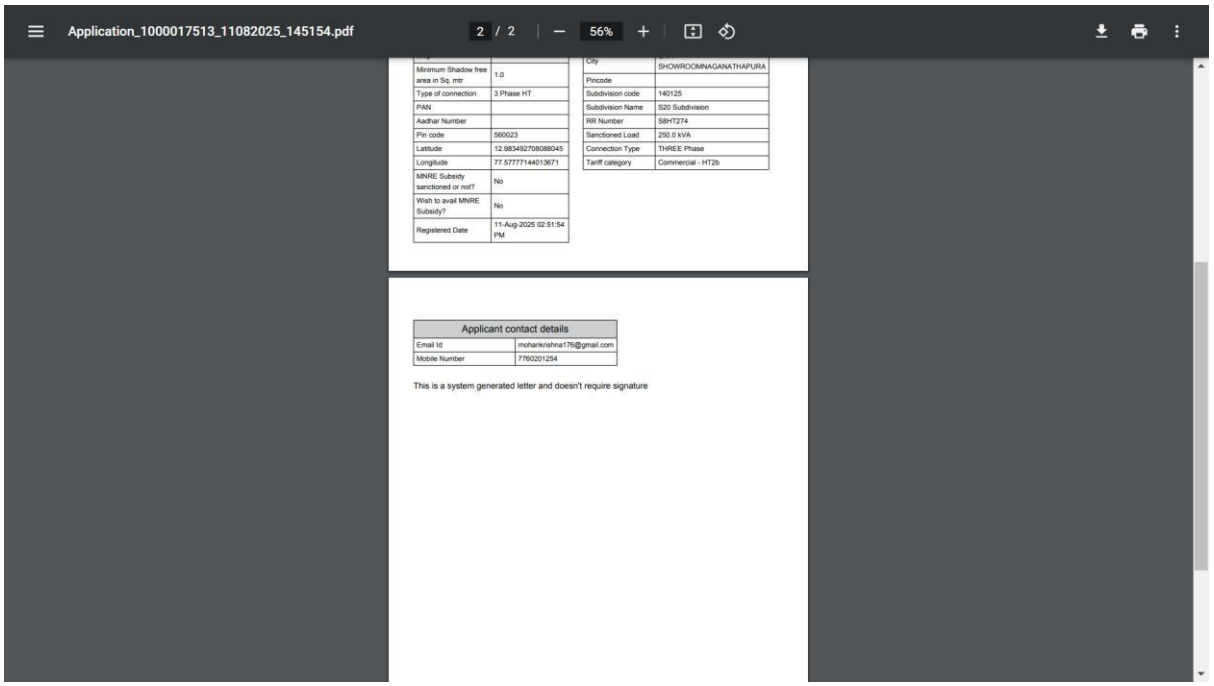



srtpv.bescom.org/SRTPV_TEST/show_payment_status.jsp
DSPV ONLINE SERVICES
APPLY ONLINE
APPLY ONLINE (SOURA GRUHA YOJANE)
VIEW STATUS
OFFICERS' LOGIN
Your payment of Rs. 2.36 against Application Number 1000017513 is successfully received.
Please note the Transaction Number 192703056128 for reference.
Download Receipt
You are being redirected to Application Page.
please do not close or leave this Page

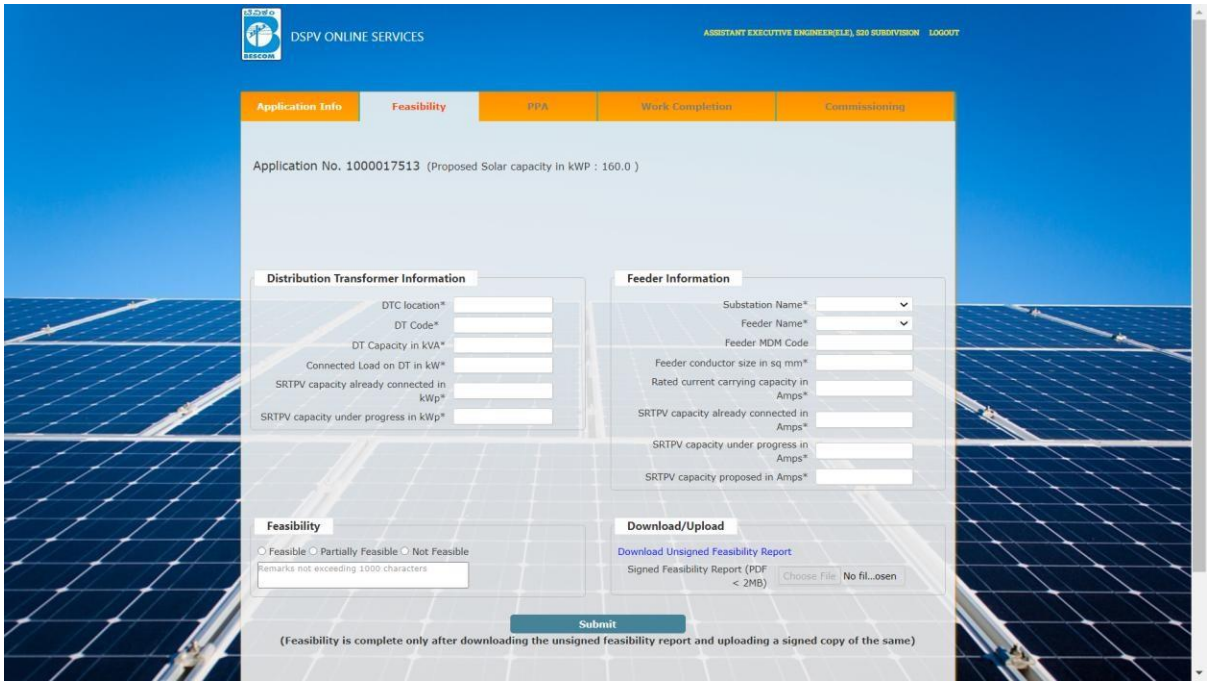

srtpv.bescom.org/SRTPV_TEST/application_tracker_application_info.jsp?applicationno=1000017513
DSPV ONLINE SERVICES
APPLY ONLINE
APPLY ONLINE (SOURA GRUHA YOJANE)
APPLY ONLINE (GOVT. BUILDINGS)
VIEW STATUS
OFFICERS' LOGIN
Application Info
Feasibility
PPA
Work Completion
Commissioning
Application No. 1000017513
Cancel the application
1 Application Details
2 Payment Details
Payment details
Amount paid 2.36
Transaction Id BHD5CNF0SZCCVH
Transaction Ref 192703056128
Payment Date 11-Aug-2025 02:57:51 PM
@ 2020 - Design By BESCOM
080 2234 0816 solar_helpdesk@bescom.co.in

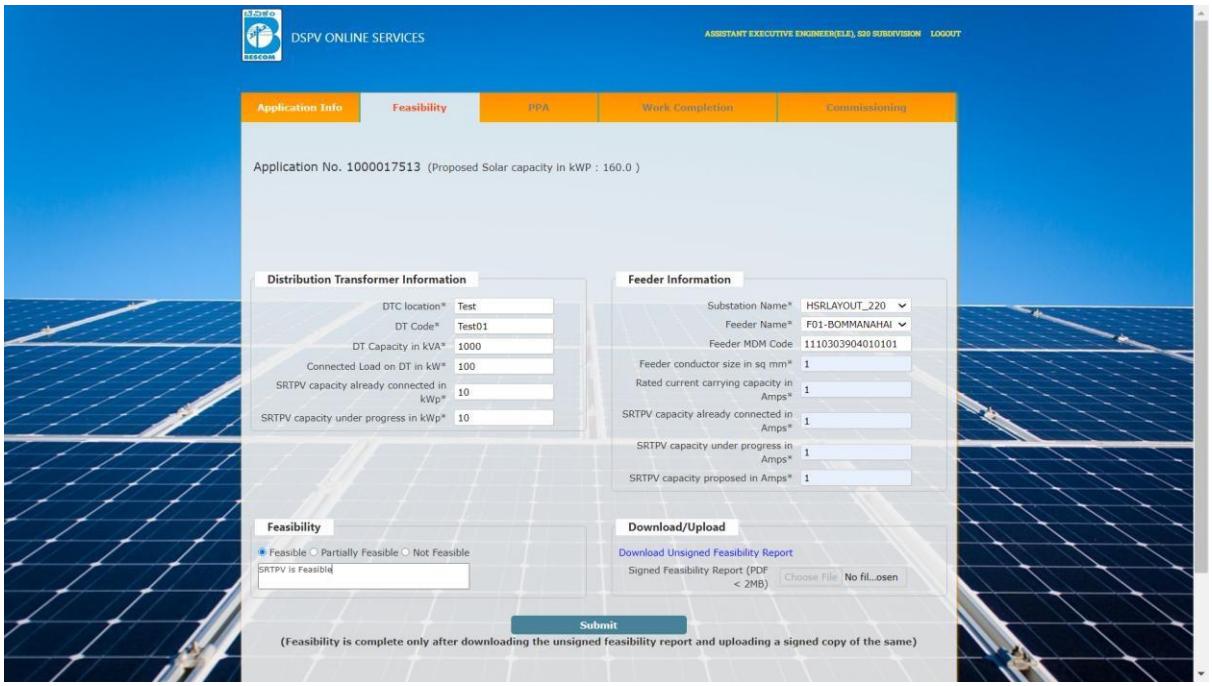

srtpv.bescom.org/SRTPV_TEST/application_tracker_application_info.jsp?applicationno=1000017513
Status History
Status
Changed by
Date
Next Action
Pending with
Remarks
Payment Successful. Pending feasibility
Applicant
11 Aug 2025 02:57:52 PM
Feasibility Completed. Intimated for submitting PPA
S20 Subdivision
Registered. Pending for payment
Applicant
11 Aug 2025 02:51:54 PM
Payment Successful. Pending feasibility
Applicant
For development purposes only
Race Course Rd
Loop Rd
Seshadri Rd
@ 2020 - Design By BESCOM
080 2234 0816 solar_helpdesk@bescom.co.in

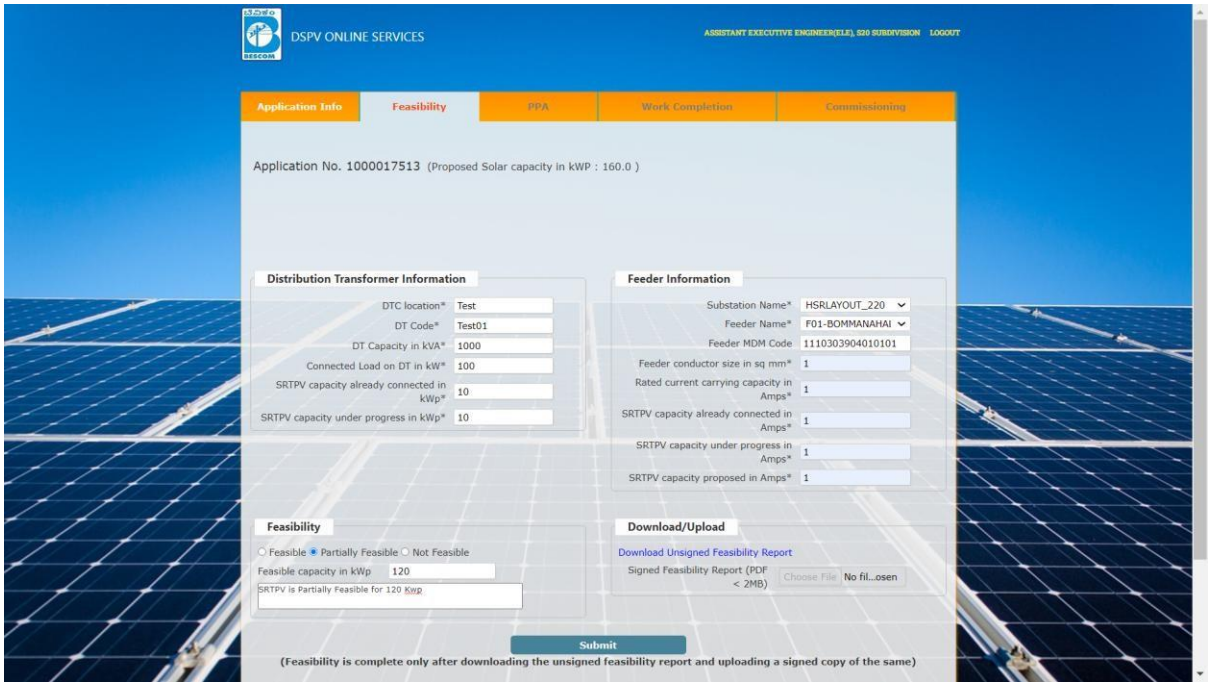

Application_1000017513_11082025_145154.pdf
1 / 2
56%
BANGALORE ELECTRICTY SUPPLY COMPANY LIMITED
Wholly owned Govt. of Karnataka Undertaking
Summary of SRTPV Application No. 1000017513
Payment Details
Application details
Account details

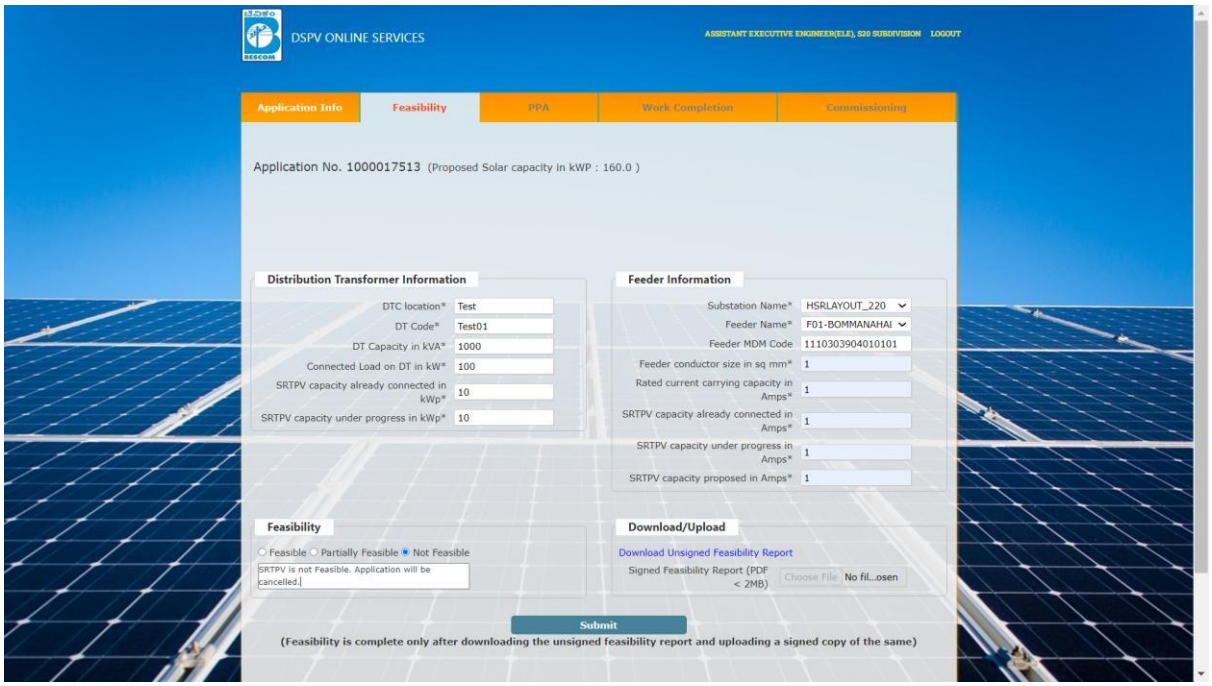


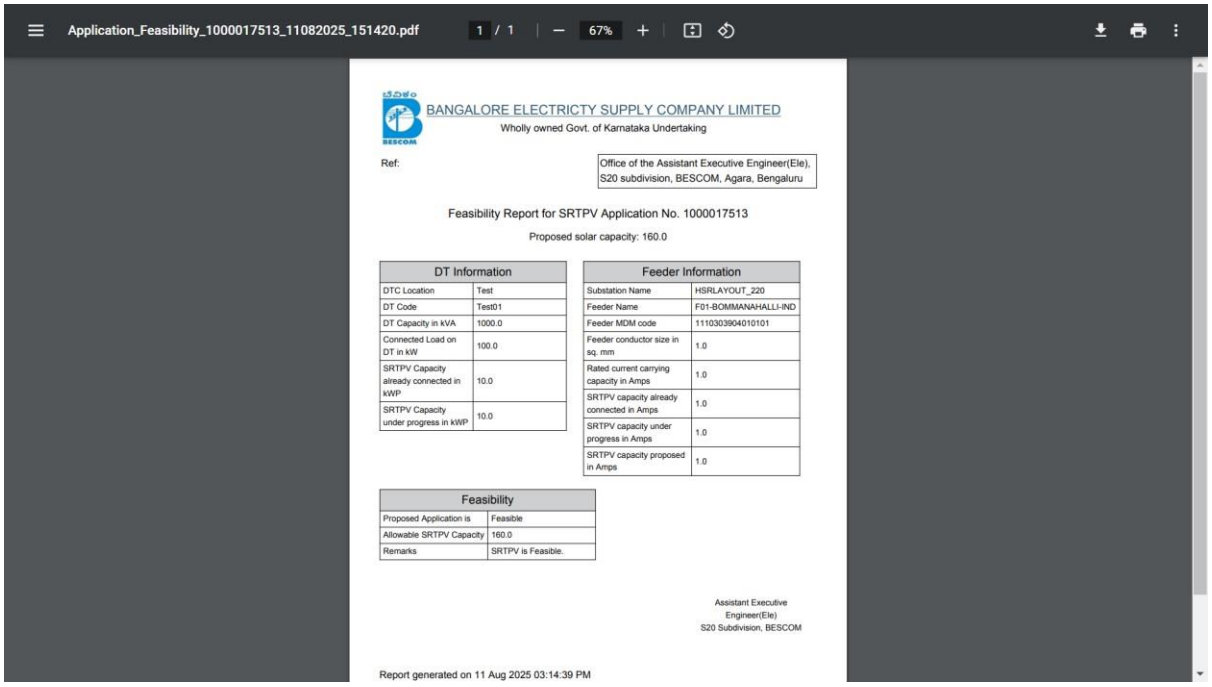
Feasibility Step

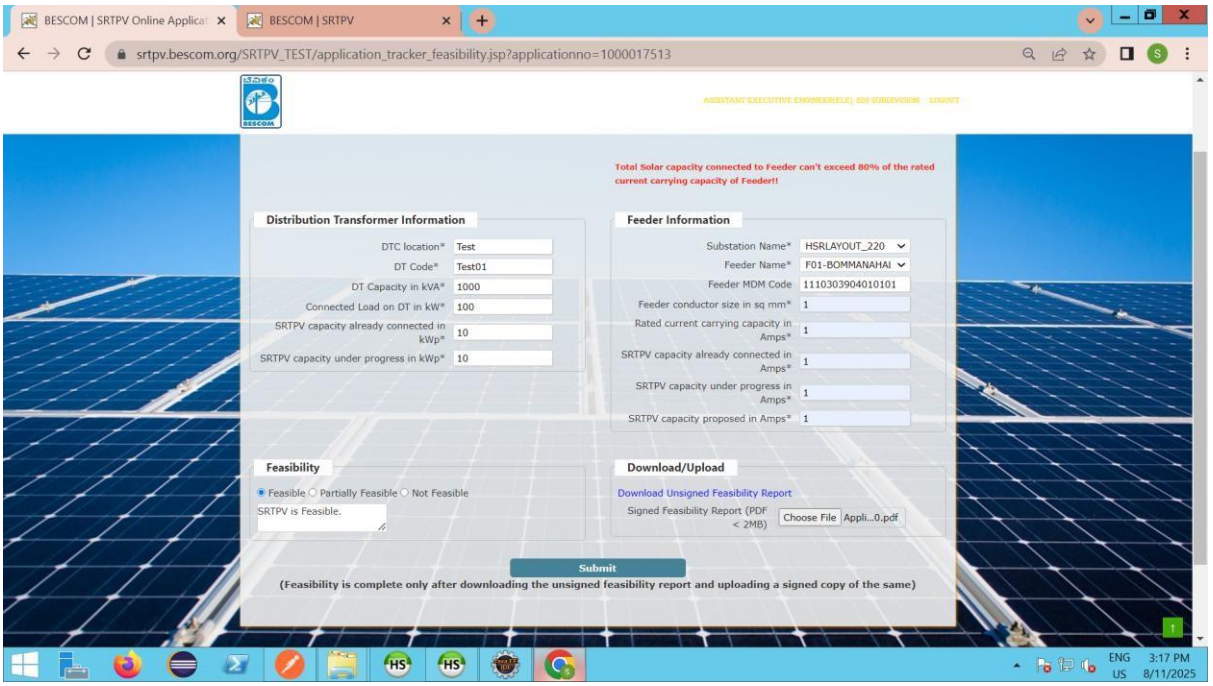


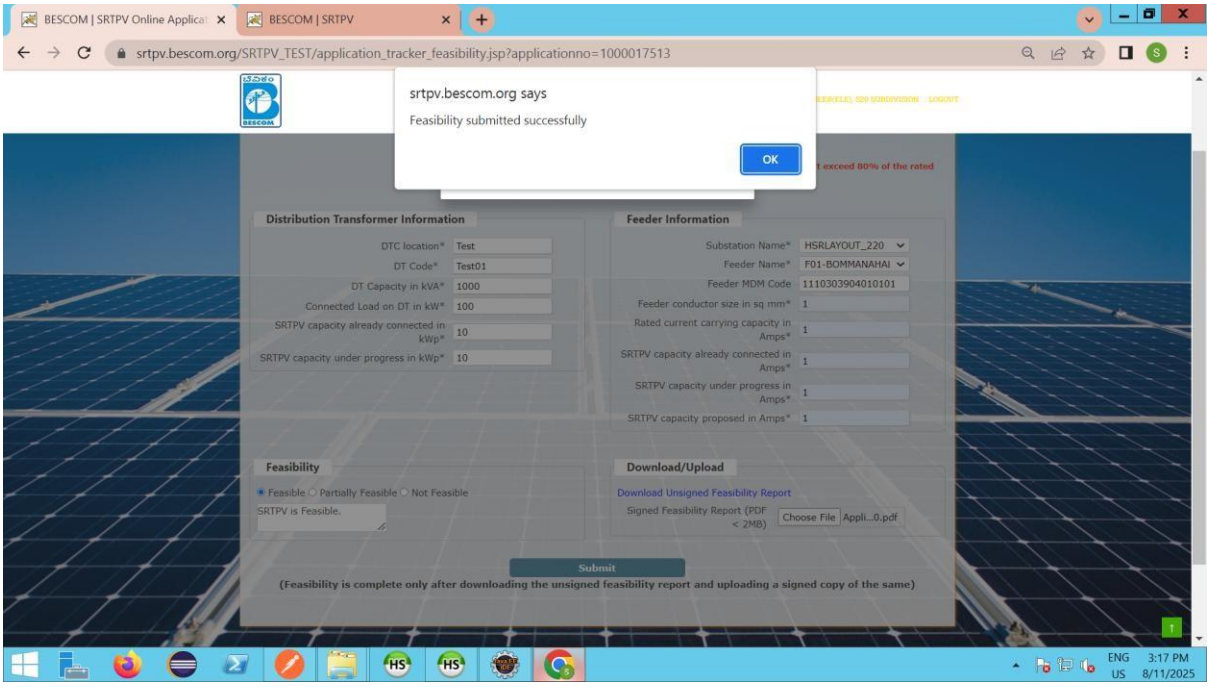

DSPV ONLINE SERVICES
ASSISTANT EXECUTIVE ENGINEER(ELE), S20 SUBDIVISION LOGOUT
Application Info
Feasibility
PPA
Work Completion
Commissioning
Application No. 1000017513 (Proposed Solar capacity in kWP : 160.0)
Distribution Transformer Information
DTC location* Test
DT Code* Test01
DT Capacity in kVA* 1000
Connected Load on DT in kW* 100
SRTPV capacity already connected in kWp* 10
SRTPV capacity under progress in kWp* 10
Feeder Information
Substation Name* HSRLAYOUT_220
Feeder Name* F01-BOMMANAHAI
Feeder MDM Code 1110303904010101
Feeder conductor size in sq mm* 1
Rated current carrying capacity in Amps* 1
SRTPV capacity already connected in Amps* 1
SRTPV capacity under progress in Amps* 1
SRTPV capacity proposed in Amps* 1
Feasibility
Feasible Partially Feasible Not Feasible
SRTPV is Feasible
Download/Upload
Download Unsigned Feasibility Report
Signed Feasibility Report (PDF < 2MB)
Choose File No fil...osen
Submit
(Feasibility is complete only after downloading the unsigned feasibility report and uploading a signed copy of the same)

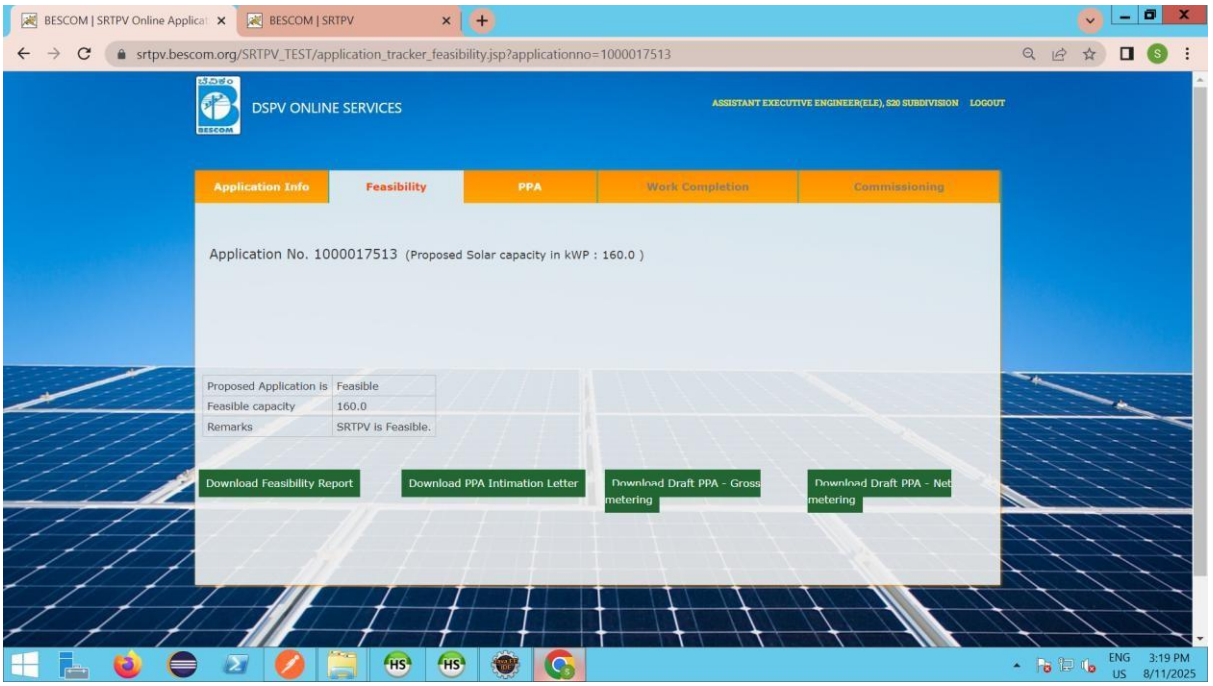

DSPV ONLINE SERVICES
ASSISTANT EXECUTIVE ENGINEER(ELE), S20 SUBDIVISION LOGOUT
Application Info
Feasibility
PPA
Work Completion
Commissioning
Application No. 1000017513 (Proposed Solar capacity in kWP : 160.0)
Distribution Transformer Information
DTC location* Test
DT Code* Test01
DT Capacity in kVA* 1000
Connected Load on DT in kW* 100
SRTPV capacity already connected in kWp* 10
SRTPV capacity under progress in kWp* 10
Feeder Information
Substation Name* HSRLAYOUT_220
Feeder Name* F01-BOMMANAHAI
Feeder MDM Code 1110303904010101
Feeder conductor size in sq mm* 1
Rated current carrying capacity in Amps* 1
SRTPV capacity already connected in Amps* 1
SRTPV capacity under progress in Amps* 1
SRTPV capacity proposed in Amps* 1
Feasibility
Feasible Partially Feasible Not Feasible
Feasible capacity in kWp 120
SRTPV is Partially Feasible for 120 Kwp
Download/Upload
Download Unsigned Feasibility Report
Signed Feasibility Report (PDF < 2MB)
Choose File No fil...osen
Submit
(Feasibility is complete only after downloading the unsigned feasibility report and uploading a signed copy of the same)

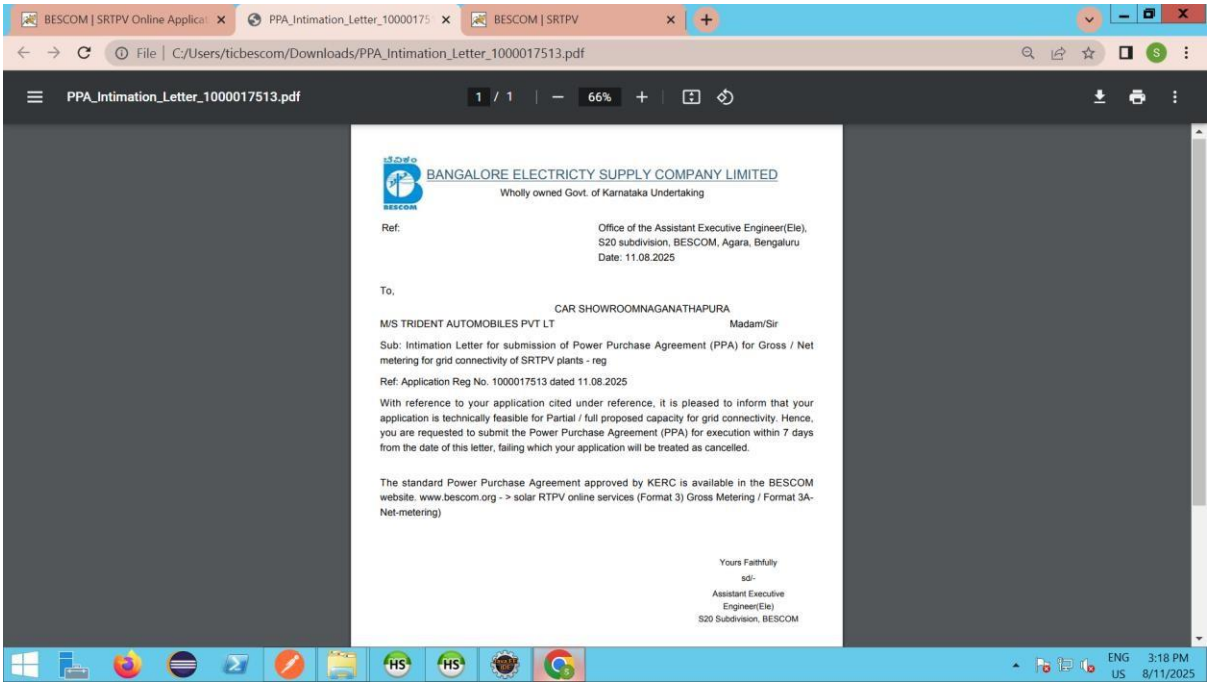

DSPV ONLINE SERVICES
ASSISTANT EXECUTIVE ENGINEER(ELE), S20 SUBDIVISION LOGOUT
Application Info
Feasibility
PPA
Work Completion
Commissioning
Application No. 1000017513 (Proposed Solar capacity in kWP : 160.0)
Distribution Transformer Information
DTC location* Test
DT Code* Test01
DT Capacity in kVA* 1000
Connected Load on DT in kW* 100
SRTPV capacity already connected in kWp* 10
SRTPV capacity under progress in kWp* 10
Feeder Information
Substation Name* HSRLAYOUT_220
Feeder Name* F01-BOMMANAHAI
Feeder MDM Code 1110303904010101
Feeder conductor size in sq mm* 1
Rated current carrying capacity in Amps* 1
SRTPV capacity already connected in Amps* 1
SRTPV capacity under progress in Amps* 1
SRTPV capacity proposed in Amps* 1
Feasibility
Feasible Partially Feasible Not Feasible
SRTPV is not Feasible. Application will be cancelled.
Download/Upload
Download Unsigned Feasibility Report
Signed Feasibility Report (PDF < 2MB)
Choose File No fil...osen
Submit
(Feasibility is complete only after downloading the unsigned feasibility report and uploading a signed copy of the same)

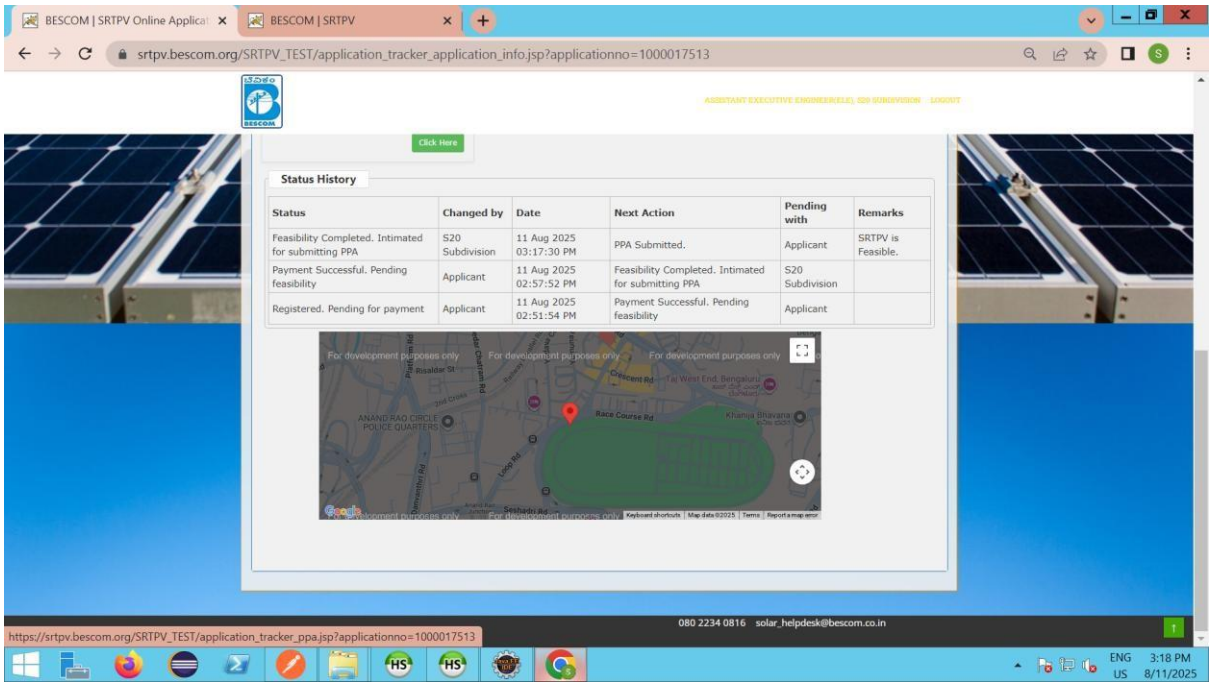

Application_Feasibility_1000017513_11082025_151420.pdf
1 / 1
67%
BANGALORE ELECTRICTY SUPPLY COMPANY LIMITED
Wholly owned Govt. of Karnataka Undertaking
Ref:
Office of the Assistant Executive Engineer(Ele), S20 subdivision, BESCOM, Agara, Bengaluru
Feasibility Report for SRTPV Application No. 1000017513
Proposed solar capacity: 160.0
DT Information
DTC Location Test
DT Code Test01
DT Capacity in kVA 1000.0
Connected Load on DT in kW 100.0
SRTPV Capacity already connected in kWP 10.0
SRTPV Capacity under progress in kWP 10.0
Feeder Information
Substation Name HSRLAYOUT_220
Feeder Name F01-BOMMANAHALLI-IND
Feeder MDM code 1110303904010101
Feeder conductor size in sq. mm 1.0
Rated current carrying capacity in Amps 1.0
SRTPV capacity already connected in Amps 1.0
SRTPV capacity under progress in Amps 1.0
SRTPV capacity proposed in Amps 1.0
Feasibility
Proposed Application is Feasible
Allowable SRTPV Capacity 160.0
Remarks SRTPV is Feasible.
Assistant Executive Engineer(Ele)
S20 Subdivision, BESCOM
Report generated on 11 Aug 2025 03:14:39 PM


BESCOM | SRTPV Online Applicat
BESCOM | SRTPV
srtpv.bescom.org/SRTPV_TEST/application_tracker_feasibility.jsp?applicationno=1000017513
Total Solar capacity connected to Feeder can't exceed 80% of the rated current carrying capacity of Feeder!!
Distribution Transformer Information
DTC location* Test
DT Code* Test01
DT Capacity in kVA* 1000
Connected Load on DT in kW* 100
SRTPV capacity already connected in kWp* 10
SRTPV capacity under progress in kWp* 10
Feeder Information
Substation Name* HSRLAYOUT_220
Feeder Name* F01-BOMMANAHAI
Feeder MDM Code 1110303904010101
Feeder conductor size in sq mm* 1
Rated current carrying capacity in Amps* 1
SRTPV capacity already connected in Amps* 1
SRTPV capacity under progress in Amps* 1
SRTPV capacity proposed in Amps* 1
Feasibility
Feasible Partially Feasible Not Feasible
SRTPV is Feasible.
Download/Upload
Download Unsigned Feasibility Report
Signed Feasibility Report (PDF < 2MB)
Choose File Appli...0.pdf
Submit
(Feasibility is complete only after downloading the unsigned feasibility report and uploading a signed copy of the same)
ENG US 3:17 PM 8/11/2025

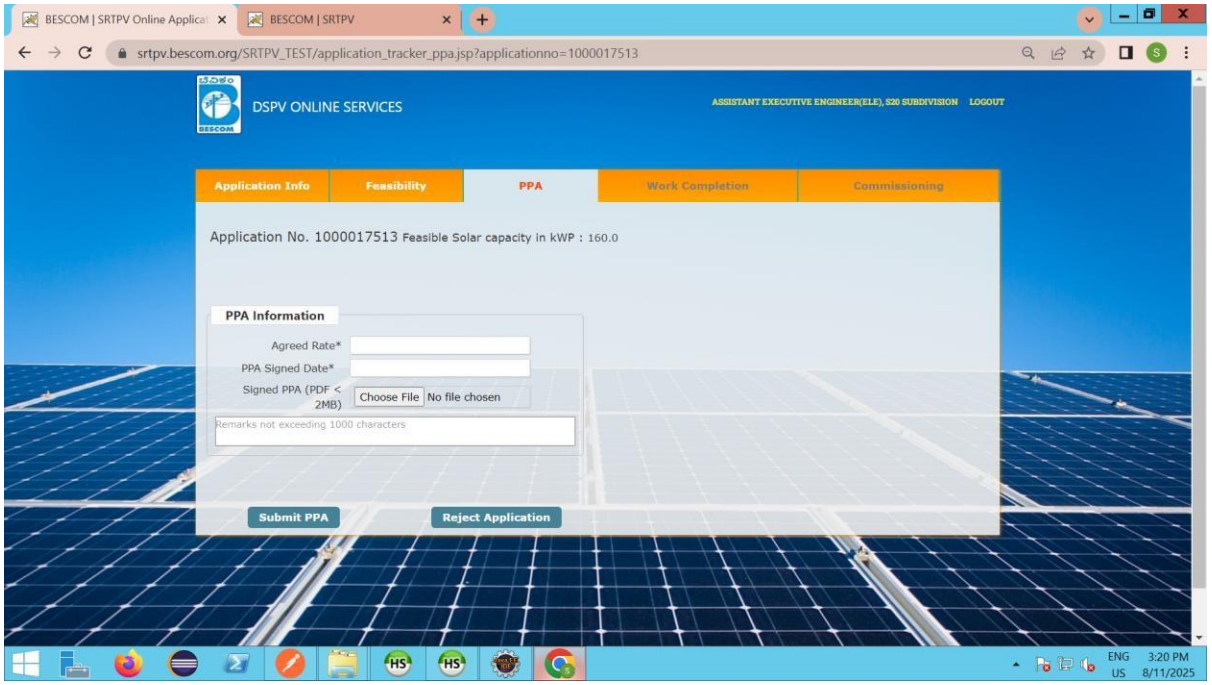

BESCOM | SRTPV Online Applicat
BESCOM | SRTPV
srtpv.bescom.org/SRTPV_TEST/application_tracker_feasibility.jsp?applicationno=1000017513
srtpv.bescom.org says
Feasibility submitted successfully
OK
Distribution Transformer Information
DTC location* Test
DT Code* Test01
DT Capacity in kVA* 1000
Connected Load on DT in kW* 100
SRTPV capacity already connected in kWp* 10
SRTPV capacity under progress in kWp* 10
Feeder Information
Substation Name* HSRLAYOUT_220
Feeder Name* F01-BOMMANAHAI
Feeder MDM Code 1110303904010101
Feeder conductor size in sq mm* 1
Rated current carrying capacity in Amps* 1
SRTPV capacity already connected in Amps* 1
SRTPV capacity under progress in Amps* 1
SRTPV capacity proposed in Amps* 1
Feasibility
Feasible Partially Feasible Not Feasible
SRTPV is Feasible.
Download/Upload
Download Unsigned Feasibility Report
Signed Feasibility Report (PDF < 2MB)
Choose File Appli...0.pdf
Submit
(Feasibility is complete only after downloading the unsigned feasibility report and uploading a signed copy of the same)
ENG US 3:17 PM 8/11/2025

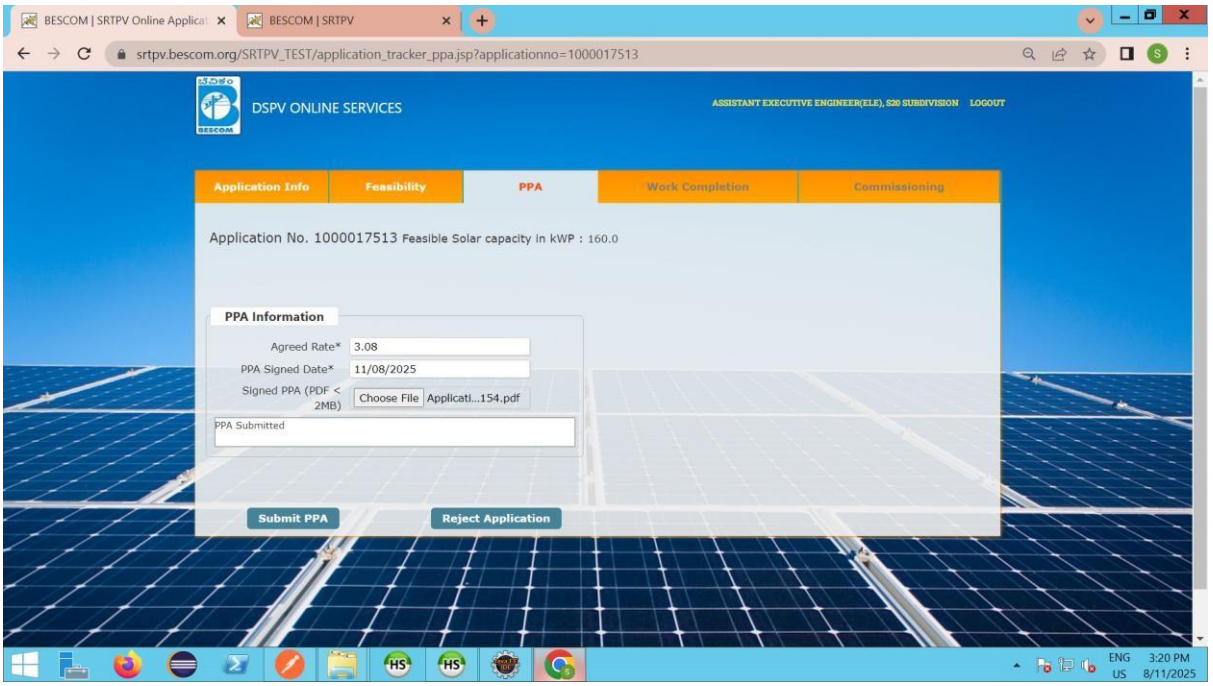

BESCOM | SRTPV Online Applicat
BESCOM | SRTPV
srtpv.bescom.org/SRTPV_TEST/application_tracker_feasibility.jsp?applicationno=1000017513
DSPV ONLINE SERVICES
ASSISTANT EXECUTIVE ENGINEER(ELE), S20 SUBDIVISION LOGOUT
Application Info
Feasibility
PPA
Work Completion
Commissioning
Application No. 1000017513 (Proposed Solar capacity in kWP : 160.0)
Proposed Application is Feasible
Feasible capacity 160.0
Remarks SRTPV is Feasible.
Download Feasibility Report
Download PPA Intimation Letter
Download Draft PPA - Gross metering
Download Draft PPA - Net metering
ENG US 3:19 PM 8/11/2025

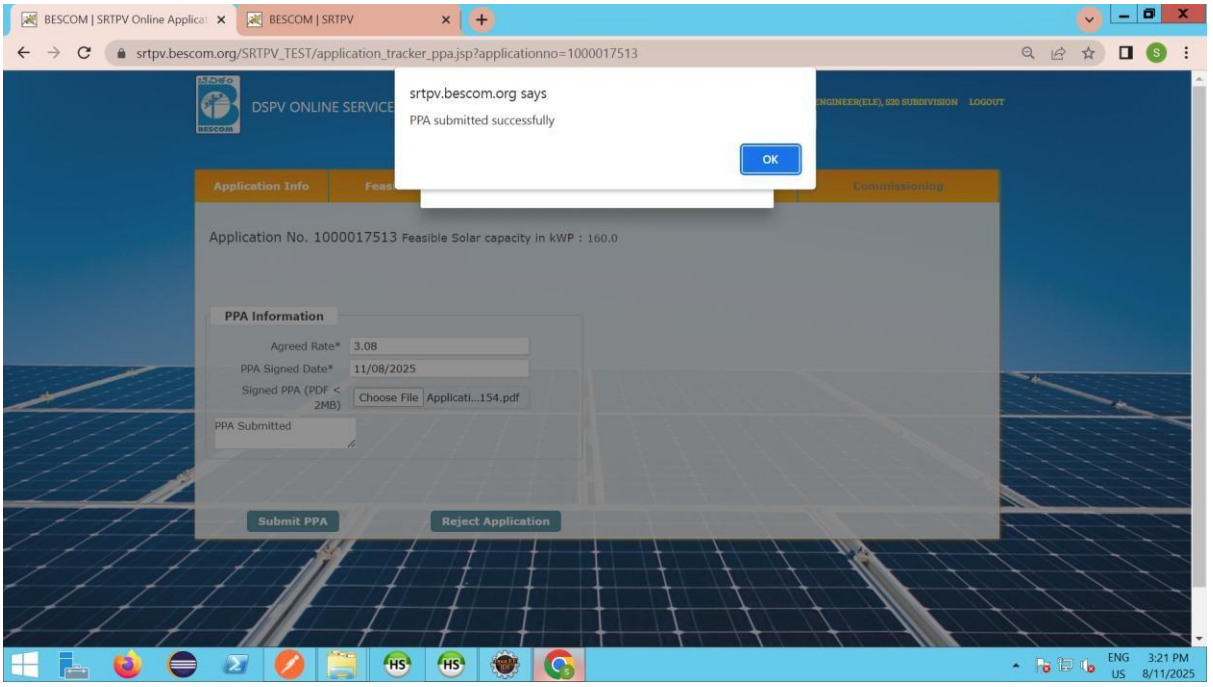

BESCOM | SRTPV Online Applicat
PPA_Intimation_Letter_1000017
BESCOM | SRTPV
File | C:/Users/ticbescom/Downloads/PPA_Intimation_Letter_1000017513.pdf
PPA_Intimation_Letter_1000017513.pdf
1 / 1
66%
BANGALORE ELECTRICTY SUPPLY COMPANY LIMITED
Wholly owned Govt. of Karnataka Undertaking
Ref:
Office of the Assistant Executive Engineer(Ele),
S20 subdivision, BESCOM, Agara, Bengaluru
Date: 11.08.2025
To,
CAR SHOWROOMNAGANATHAPURA
M/S TRIDENT AUTOMOBILES PVT LT
Madam/Sir
Sub: Intimation Letter for submission of Power Purchase Agreement (PPA) for Gross / Net metering for grid connectivity of SRTPV plants - reg
Ref: Application Reg No. 1000017513 dated 11.08.2025
With reference to your application cited under reference, it is pleased to inform that your application is technically feasible for Partial / full proposed capacity for grid connectivity. Hence, you are requested to submit the Power Purchase Agreement (PPA) for execution within 7 days from the date of this letter, failing which your application will be treated as cancelled.
The standard Power Purchase Agreement approved by KERC is available in the BESCOM website. www.bescom.org - > solar RTPV online services (Format 3) Gross Metering / Format 3A-Net-metering)
Yours Faithfully
sd/-
Assistant Executive Engineer(Ele)
S20 Subdivision, BESCOM
ENG US 3:18 PM 8/11/2025

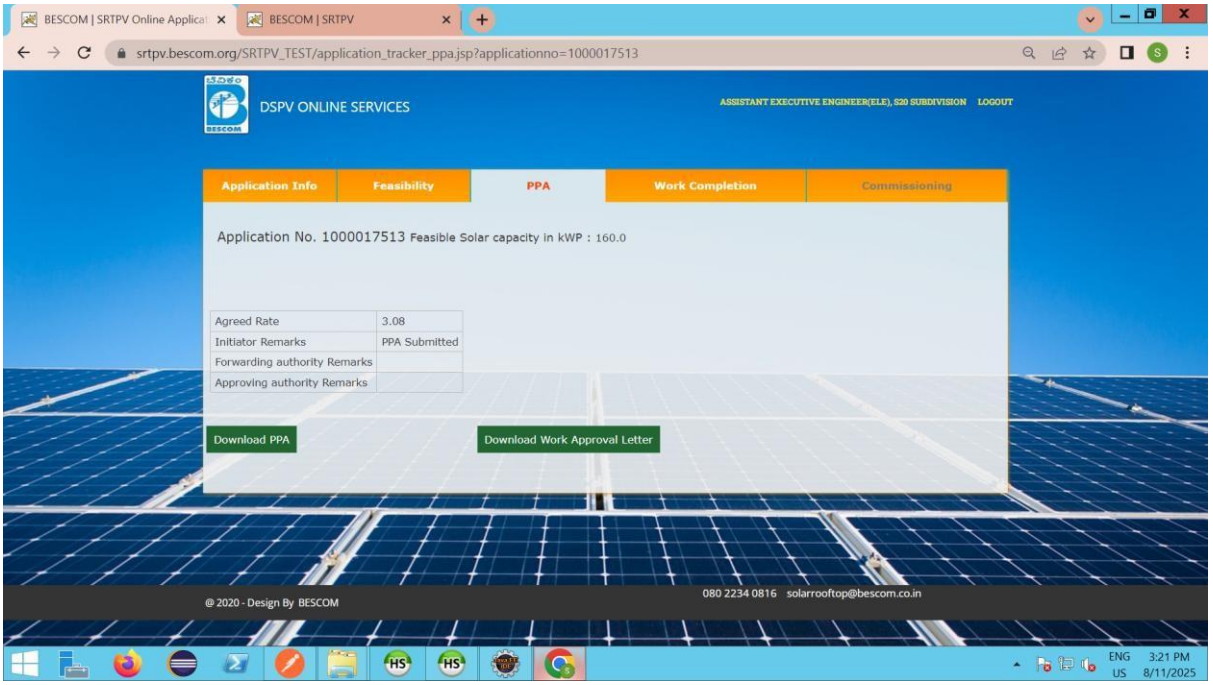

srtpv.bescom.org/SRTPV_TEST/application_tracker_application_info.jsp?applicationno=1000017513
Click Here
Status History
Status
Changed by
Date
Next Action
Pending with
Remarks
Feasibility Completed. Intimated for submitting PPA
S20 Subdivision
11 Aug 2025 03:17:30 PM
PPA Submitted.
Applicant
SRTPV is Feasible.
Payment Successful. Pending feasibility
Applicant
11 Aug 2025 02:57:52 PM
Feasibility Completed. Intimated for submitting PPA
S20 Subdivision
Registered. Pending for payment
Applicant
11 Aug 2025 02:51:54 PM
Payment Successful. Pending feasibility
Applicant
080 2234 0816 solar_helpdesk@bescom.co.in
https://srtpv.bescom.org/SRTPV_TEST/application_tracker_ppa.jsp?applicationno=1000017513

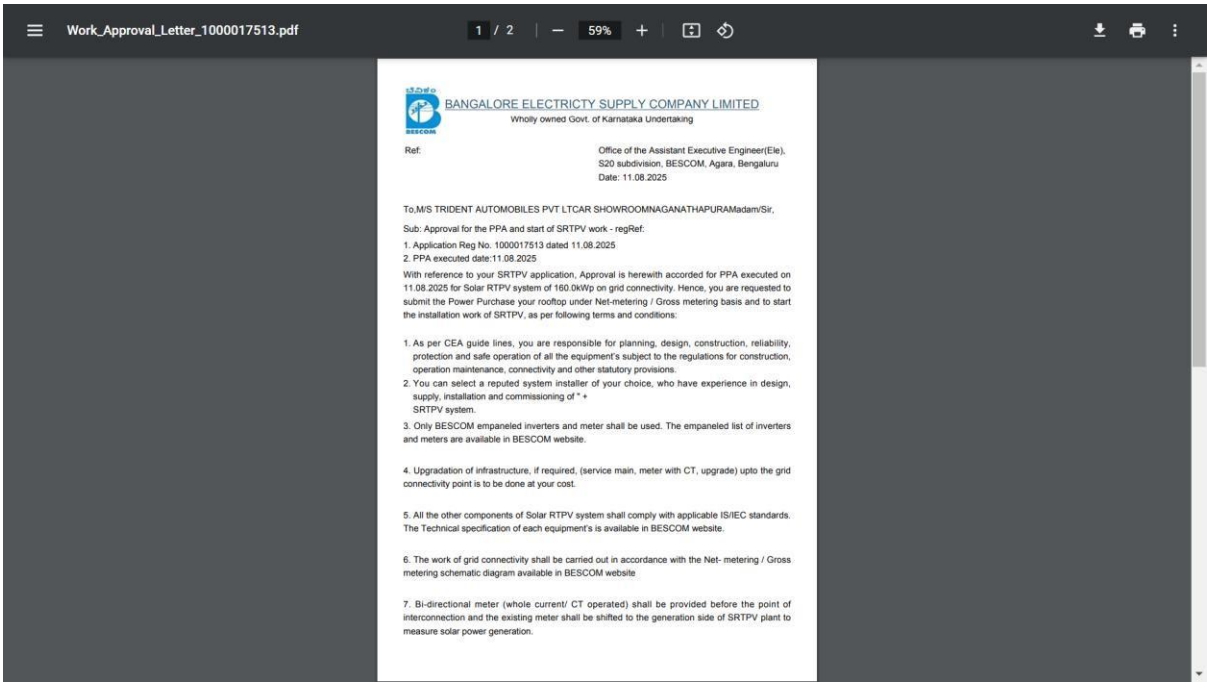
PPA Step

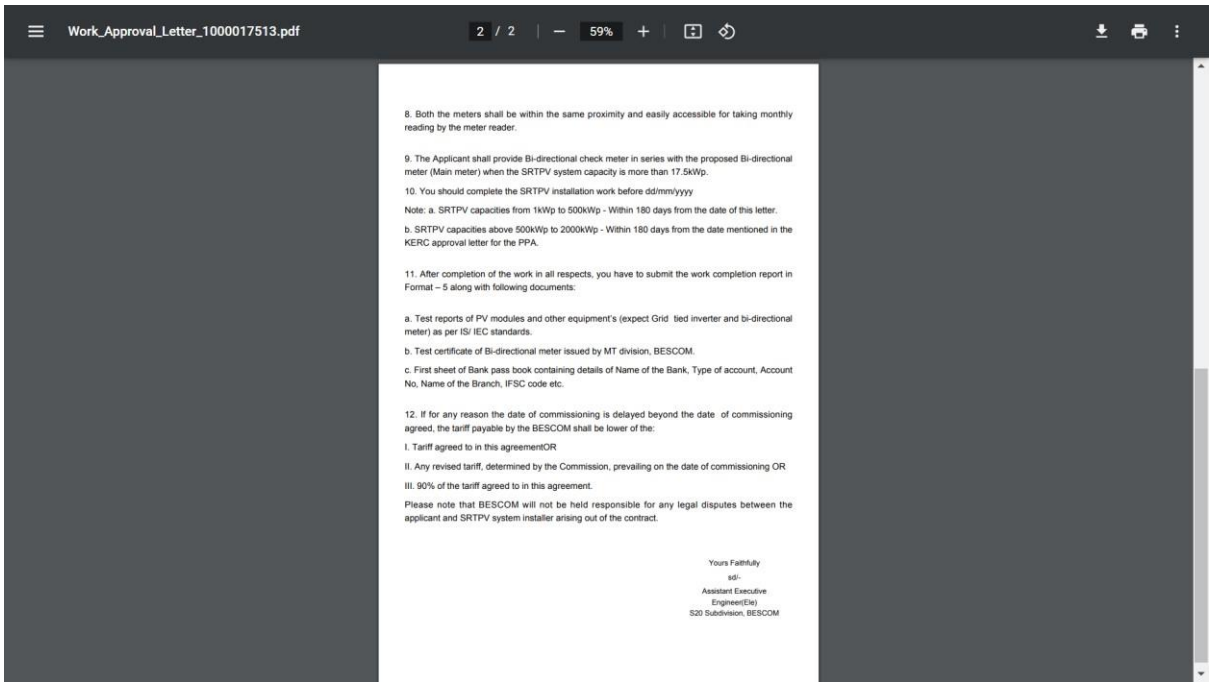

srtpv.bescom.org/SRTPV_TEST/application_tracker_ppa.jsp?applicationno=1000017513
DSPV ONLINE SERVICES
ASSISTANT EXECUTIVE ENGINEER(ELE), S20 SUBDIVISION LOGOUT
Application Info
Feasibility
PPA
Work Completion
Commissioning
Application No. 1000017513 Feasible Solar capacity in kWP : 160.0
PPA Information
Agreed Rate*
PPA Signed Date*
Signed PPA (PDF < 2MB)
Choose File
No file chosen
Remarks not exceeding 1000 characters
Submit PPA
Reject Application


BESCOM | SRTPV Online Applicat
BESCOM | SRTPV
srtpv.bescom.org/SRTPV_TEST/application_tracker_ppa.jsp?applicationno=1000017513
DSPV ONLINE SERVICES
ASSISTANT EXECUTIVE ENGINEER(ELE), S20 SUBDIVISION LOGOUT
Application Info
Feasibility
PPA
Work Completion
Commissioning
Application No. 1000017513 Feasible Solar capacity in kWP : 160.0
PPA Information
Agreed Rate* 3.08
PPA Signed Date* 11/08/2025
Signed PPA (PDF < 2MB) Choose File Applicati...154.pdf
PPA Submitted
Submit PPA
Reject Application
ENG US 3:20 PM 8/11/2025


BESCOM | SRTPV Online Applicat
BESCOM | SRTPV
srtpv.bescom.org/SRTPV_TEST/application_tracker_ppa.jsp?applicationno=1000017513
srtpv.bescom.org says
PPA submitted successfully
OK
Application Info
Commissioning
Application No. 1000017513 Feasible Solar capacity in kWP : 160.0
PPA Information
Agreed Rate* 3.08
PPA Signed Date* 11/08/2025
Signed PPA (PDF < 2MB) Choose File Applicati...154.pdf
PPA Submitted
Submit PPA
Reject Application
ENG US 3:21 PM 8/11/2025


BESCOM | SRTPV Online Applicat
BESCOM | SRTPV
srtpv.bescom.org/SRTPV_TEST/application_tracker_ppa.jsp?applicationno=1000017513
DSPV ONLINE SERVICES
ASSISTANT EXECUTIVE ENGINEER(ELE), S20 SUBDIVISION LOGOUT
Application Info
Feasibility
PPA
Work Completion
Commissioning
Application No. 1000017513 Feasible Solar capacity in kWP : 160.0
Agreed Rate 3.08
Initiator Remarks PPA Submitted
Forwarding authority Remarks
Approving authority Remarks
Download PPA
Download Work Approval Letter
@ 2020 - Design By BESCOM
080 2234 0816 solarrooftop@bescom.co.in
ENG US 3:21 PM 8/11/2025


Work_Approval_Letter_1000017513.pdf
1 / 2
59%
BANGALORE ELECTRICTY SUPPLY COMPANY LIMITED
Wholly owned Govt. of Karnataka Undertaking
Ref:
Office of the Assistant Executive Engineer(Ele),
S20 subdivision, BESCOM, Agara, Bengaluru
Date: 11.08.2025
To,M/S TRIDENT AUTOMOBILES PVT LTCAR SHOWROOMNAGANATHAPURAMadam/Sir,
Sub: Approval for the PPA and start of SRTPV work - regRef:
1. Application Reg No. 1000017513 dated 11.08.2025
2. PPA executed date:11.08.2025
With reference to your SRTPV application, Approval is herewith accorded for PPA executed on 11.08.2025 for Solar RTPV system of 160.0kWp 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.
3. 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
7. Bi-directional meter (whole current/ CT operated) shall be provided before the point of interconnection and the existing meter shall be shifted to the generation side of SRTPV plant to measure solar power generation.



Work_Approval_Letter_1000017513.pdf 2 / 2 59%

8. Both the meters shall be within the same proximity and easily accessible for taking monthly reading by the meter reader.

9. The Applicant shall provide Bi-directional check meter in series with the proposed Bi-directional meter (Main meter) when the SRTPV system capacity is more than 17.5kWp.

10. You should complete the SRTPV installation work before dd/mm/yyyy

Note: a. SRTPV capacities from 1kWp to 500kWp - Within 180 days from the date of this letter.

b. SRTPV capacities above 500kWp to 2000kWp - Within 180 days from the date mentioned in the KERC approval letter for the PPA.

11. After completion of the work in all respects, you have to submit the work completion report in Format – 5 along with following documents:

a. Test reports of PV modules and other equipment's (expect Grid tied inverter and bi-directional meter) as per IS/ IEC standards.

b. Test certificate of Bi-directional meter issued by MT division, BESCOM.

c. First sheet of Bank pass book containing details of Name of the Bank, Type of account, Account No, Name of the Branch, IFSC code etc.

12. 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:

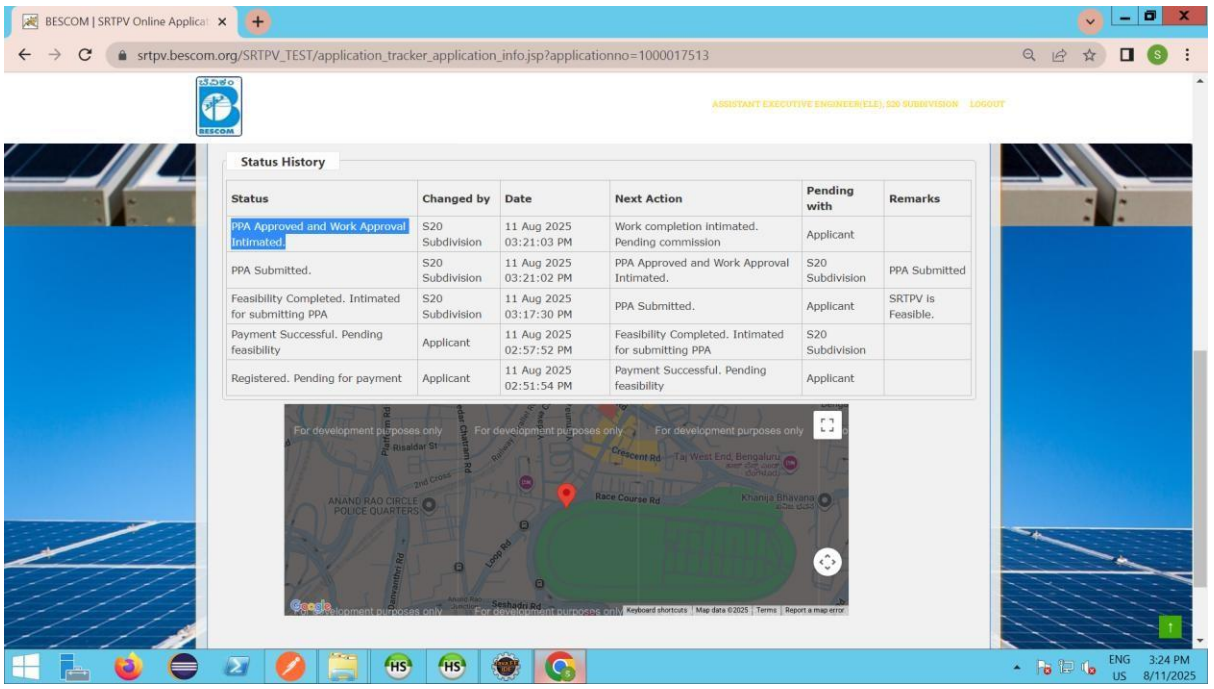
I. Tariff agreed to in this agreementOR

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.

Please note that BESCOM will not be held responsible for any legal disputes between the applicant and SRTPV system installer arising out of the contract.

Yours Faithfully
sd/-
Assistant Executive Engineer(Ele)
S20 Subdivision, BESCOM



BESCOM | SRTPV Online Applica

srtpv.bescom.org/SRTPV_TEST/application_tracker_application_info.jsp?applicationno=1000017513

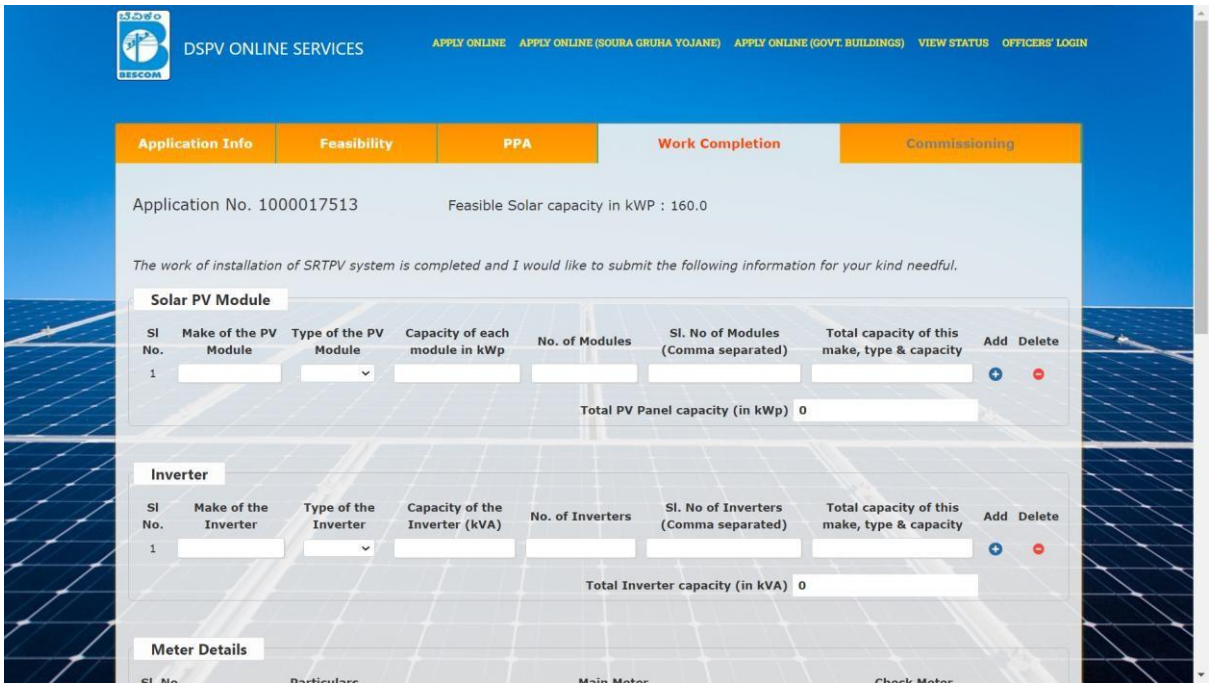
ASSISTANT EXECUTIVE ENGINEER(ELE), S20 SUBDIVISION LOGOUT

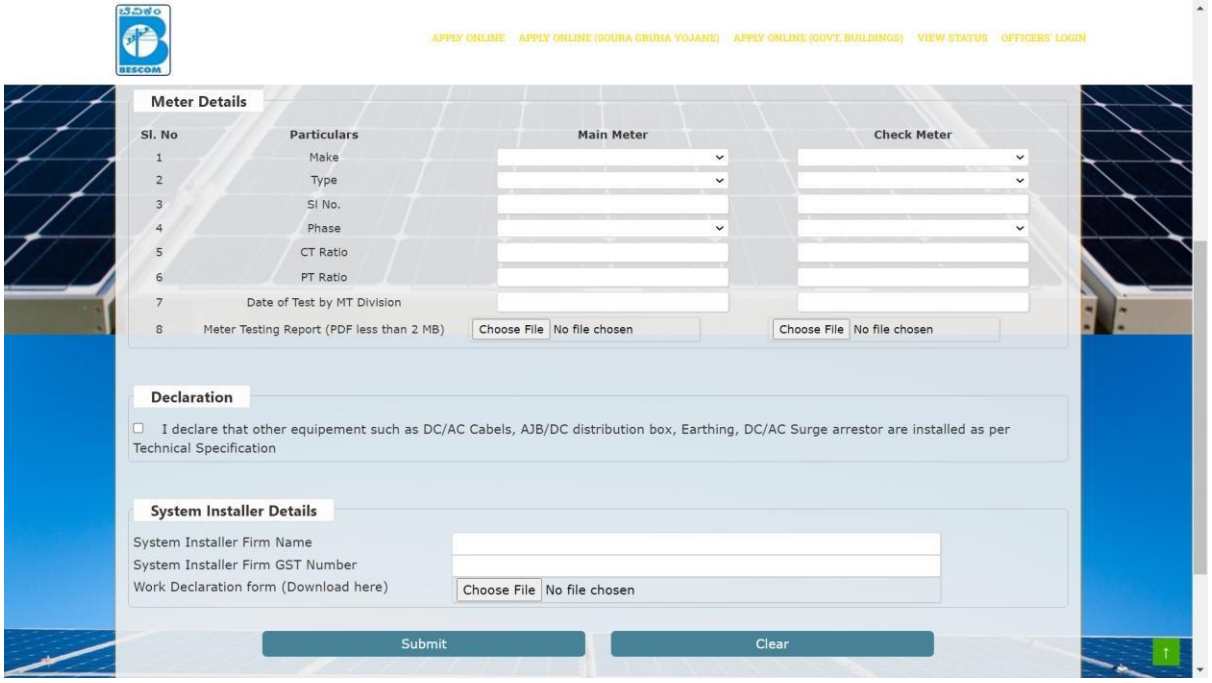
Status History

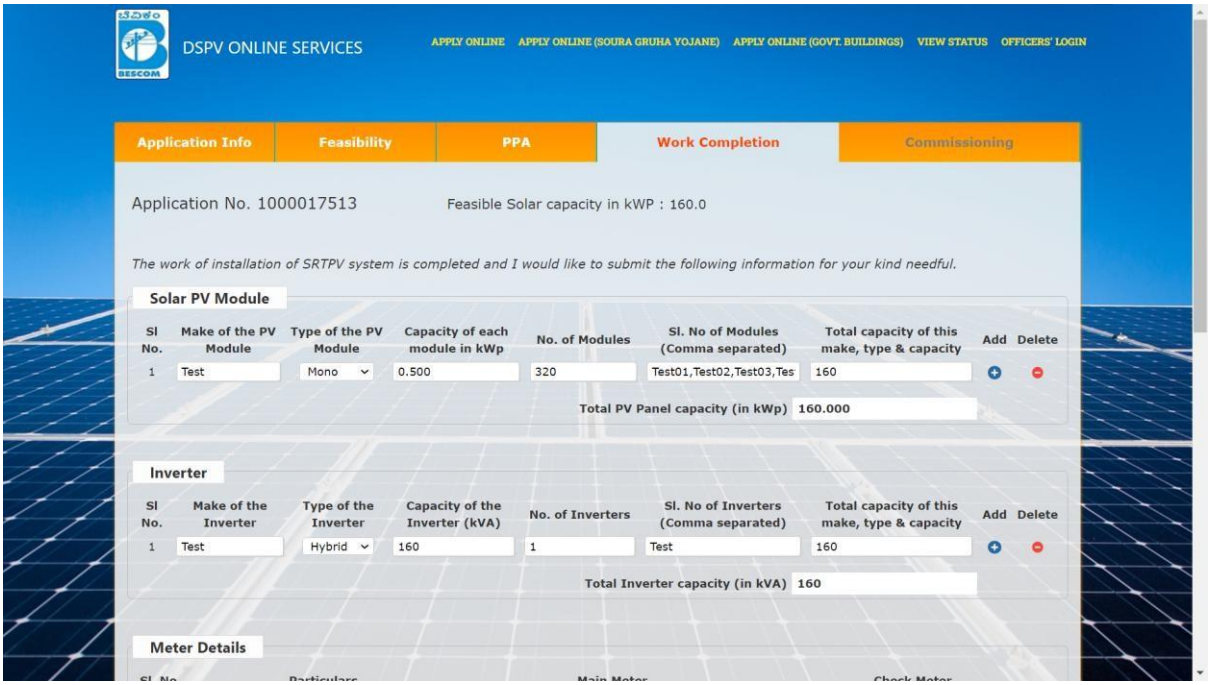
Status	Changed by	Date	Next Action	Pending with	Remarks
PPA Approved and Work Approval Intimated.	S20 Subdivision	11 Aug 2025 03:21:03 PM	Work completion intimated. Pending commission	Applicant	
PPA Submitted.	S20 Subdivision	11 Aug 2025 03:21:02 PM	PPA Approved and Work Approval Intimated.	S20 Subdivision	PPA Submitted
Feasibility Completed. Intimated for submitting PPA	S20 Subdivision	11 Aug 2025 03:17:30 PM	PPA Submitted.	Applicant	SRTPV is Feasible.
Payment Successful. Pending feasibility	Applicant	11 Aug 2025 02:57:52 PM	Feasibility Completed. Intimated for submitting PPA	S20 Subdivision	
Registered. Pending for payment	Applicant	11 Aug 2025 02:51:54 PM	Payment Successful. Pending feasibility	Applicant	

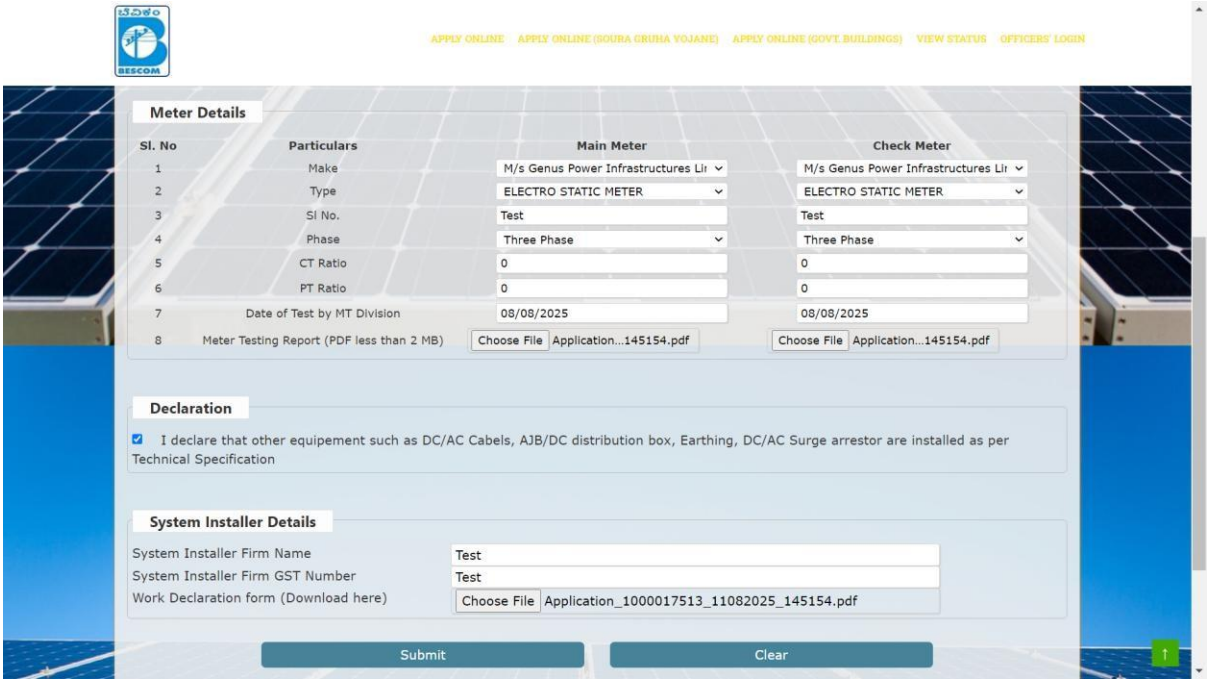
ENG US 3:24 PM 8/11/2025

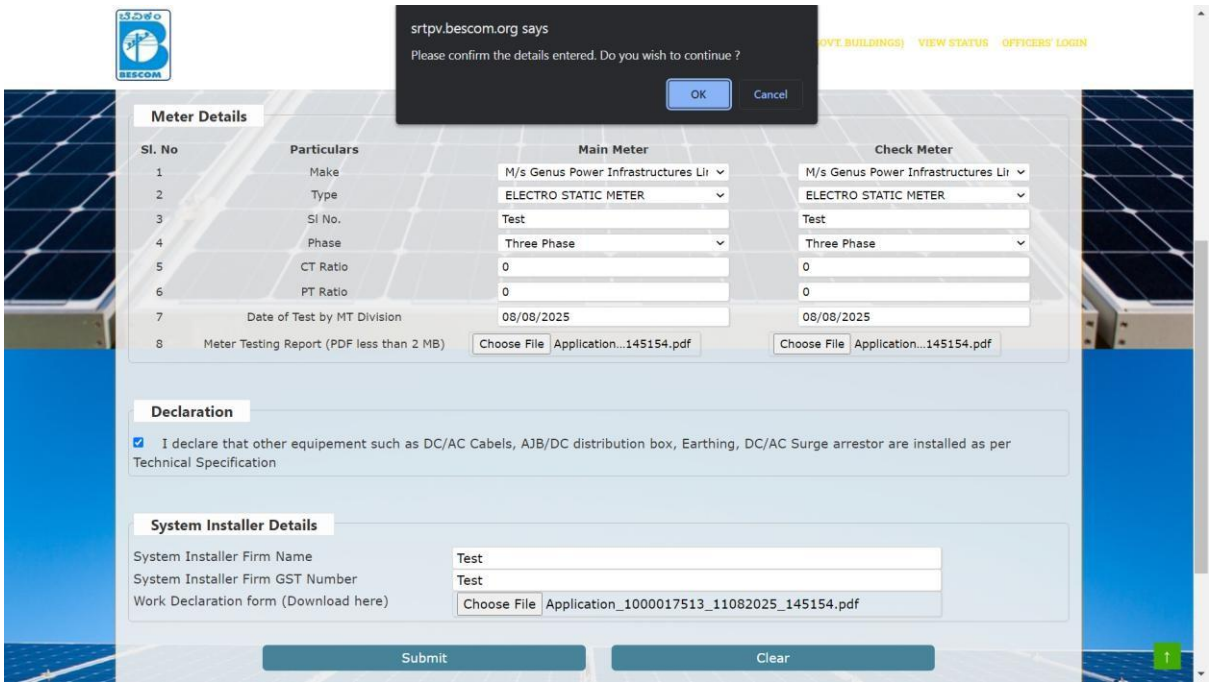
Work Completion Step

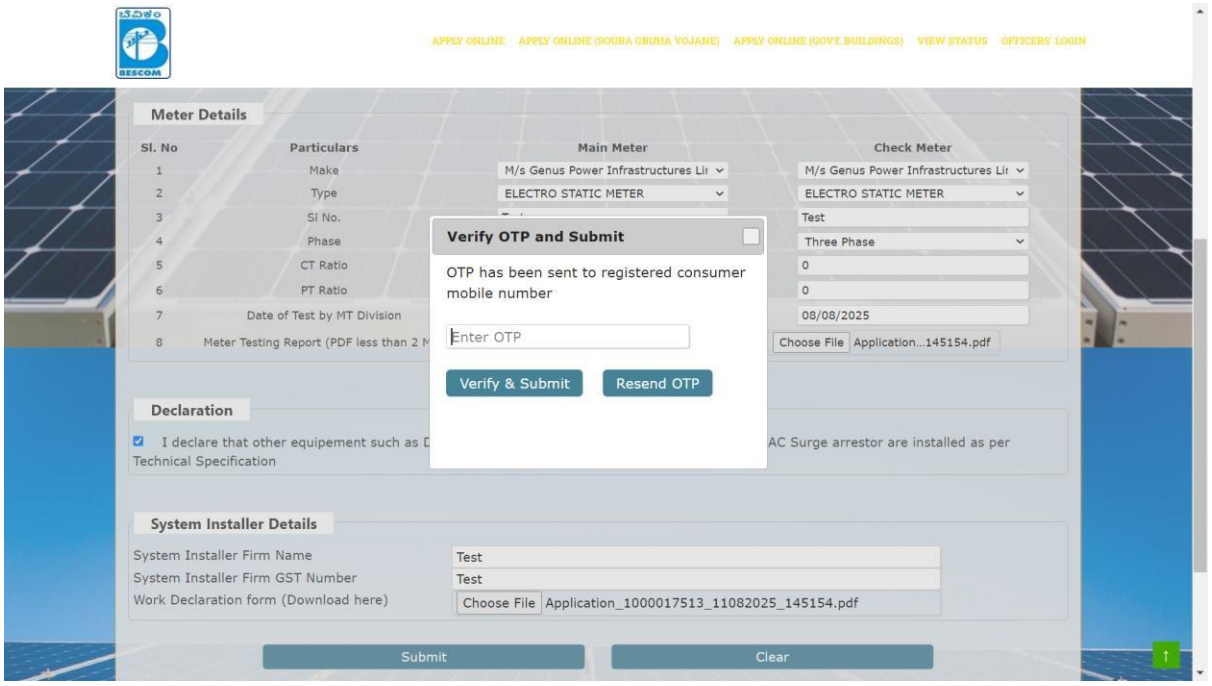


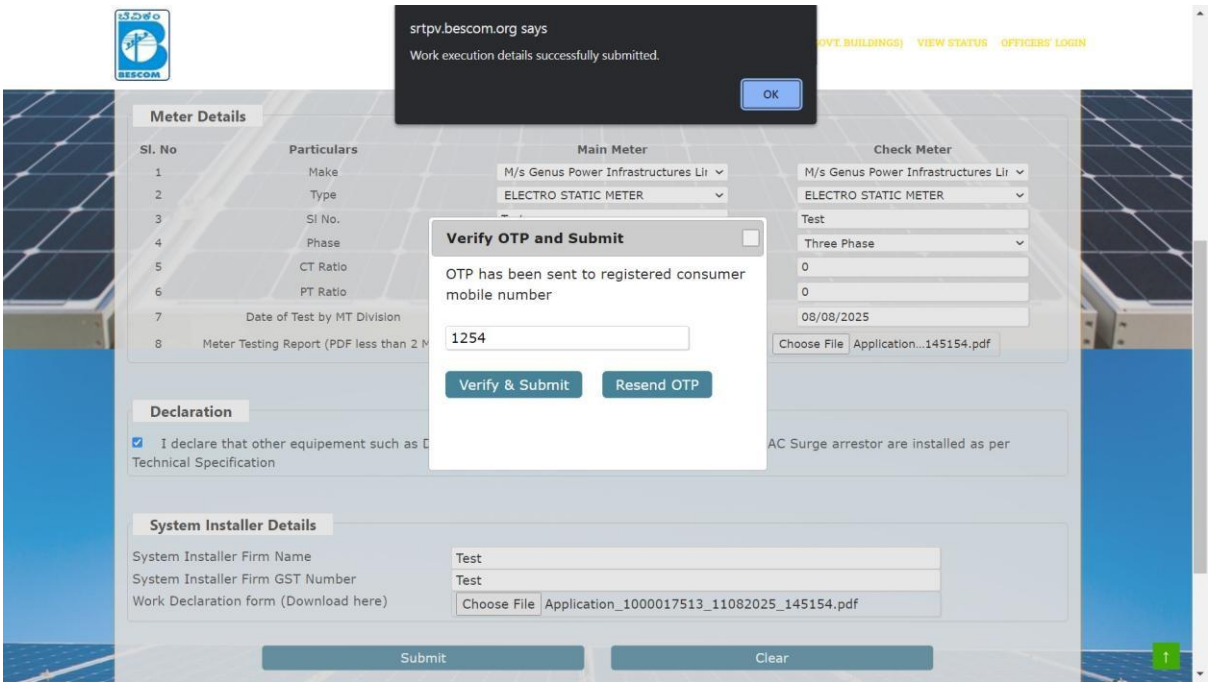


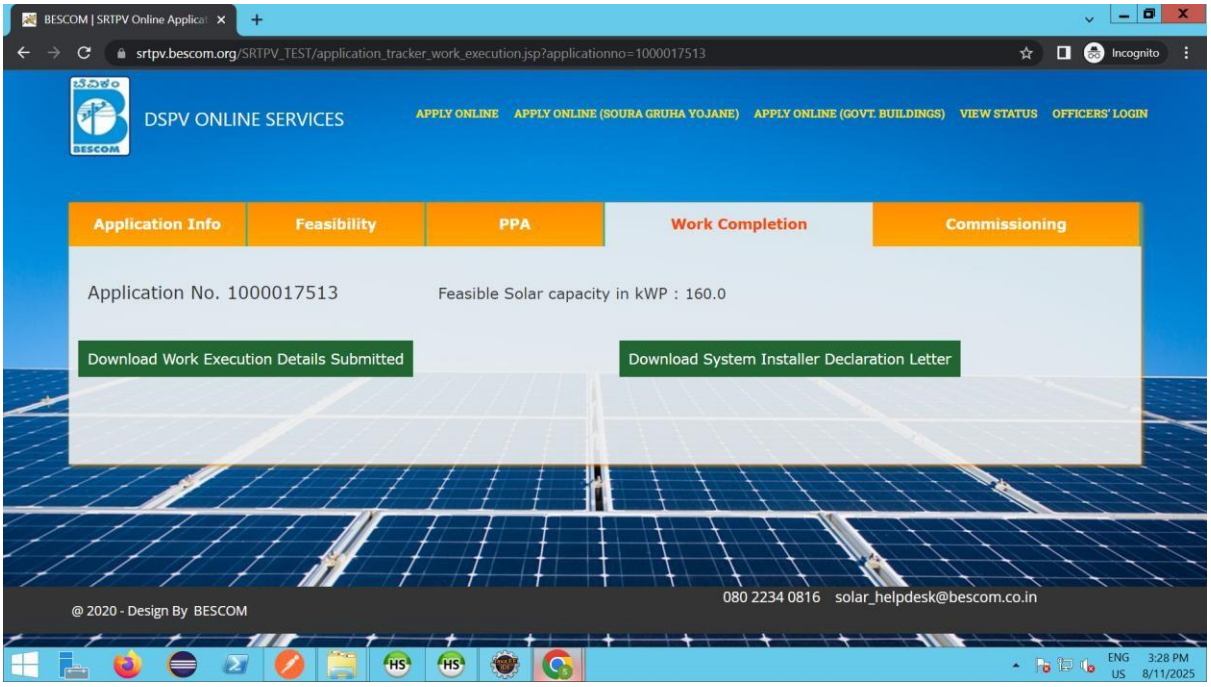

DSPV ONLINE SERVICES
APPLY ONLINE
APPLY ONLINE (SOURA GRUHA YOJANE)
APPLY ONLINE (GOVT. BUILDINGS)
VIEW STATUS
OFFICERS' LOGIN
Application Info
Feasibility
PPA
Work Completion
Commissioning
Application No. 1000017513
Feasible Solar capacity in kWP : 160.0
The work of installation of SRTPV system is completed and I would like to submit the following information for your kind needful.
Solar PV Module
Sl No.
Make of the PV Module
Type of the PV Module
Capacity of each module in kWp
No. of Modules
Sl. No of Modules (Comma separated)
Total capacity of this make, type & capacity
Add
Delete
1
Test
Mono
0.500
320
Test01,Test02,Test03,Tes
160
Total PV Panel capacity (in kWp) 160.000
Inverter
Sl No.
Make of the Inverter
Type of the Inverter
Capacity of the Inverter (kVA)
No. of Inverters
Sl. No of Inverters (Comma separated)
Total capacity of this make, type & capacity
Add
Delete
1
Test
Hybrid
160
1
Test
160
Total Inverter capacity (in kVA) 160
Meter Details

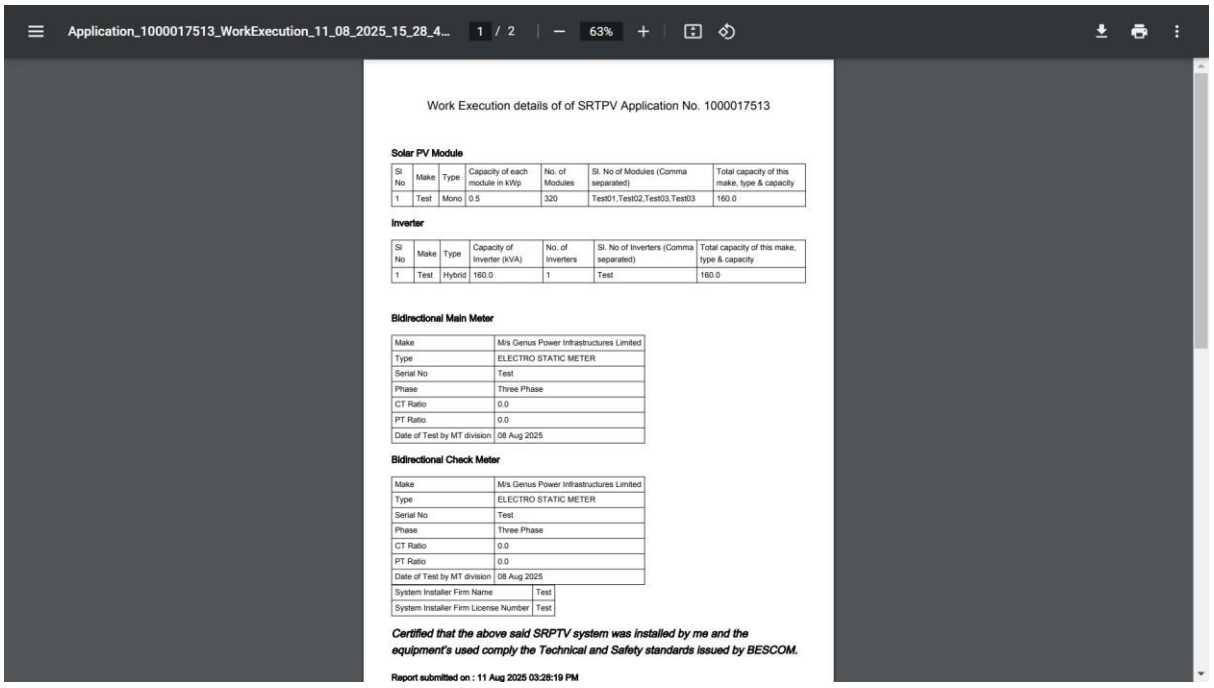

APPLY ONLINE
APPLY ONLINE (SOURA GRUHA YOJANE)
APPLY ONLINE (GOVT. BUILDINGS)
VIEW STATUS
OFFICERS' LOGIN
Meter Details
Sl. No
Particulars
Main Meter
Check Meter
1
Make
M/s Genus Power Infrastructures Lir
M/s Genus Power Infrastructures Lir
2
Type
ELECTRO STATIC METER
ELECTRO STATIC METER
3
Sl No.
Test
Test
4
Phase
Three Phase
Three Phase
5
CT Ratio
0
0
6
PT Ratio
0
0
7
Date of Test by MT Division
08/08/2025
08/08/2025
8
Meter Testing Report (PDF less than 2 MB)
Choose File Application...145154.pdf
Choose File Application...145154.pdf
Declaration
I declare that other equipement such as DC/AC Cabels, AJB/DC distribution box, Earthing, DC/AC Surge arrestor are installed as per Technical Specification
System Installer Details
System Installer Firm Name
Test
System Installer Firm GST Number
Test
Work Declaration form (Download here)
Choose File Application_1000017513_11082025_145154.pdf
Submit
Clear


srtpv.bescom.org says
Please confirm the details entered. Do you wish to continue ?
OK
Cancel
Meter Details
Sl. No
Particulars
Main Meter
Check Meter
1 Make M/s Genus Power Infrastructures Lir M/s Genus Power Infrastructures Lir
2 Type ELECTRO STATIC METER ELECTRO STATIC METER
3 Sl No. Test Test
4 Phase Three Phase Three Phase
5 CT Ratio 0
6 PT Ratio 0 0
7 Date of Test by MT Division 08/08/2025 08/08/2025
8 Meter Testing Report (PDF less than 2 MB) Choose File Application...145154.pdf Choose File Application...145154.pdf
Declaration
I declare that other equipement such as DC/AC Cabels, AJB/DC distribution box, Earthing, DC/AC Surge arrestor are installed as per Technical Specification
System Installer Details
System Installer Firm Name Test
System Installer Firm GST Number Test
Work Declaration form (Download here) Choose File Application_1000017513_11082025_145154.pdf
Submit
Clear


APPLY ONLINE
APPLY ONLINE (SOURA GRUHA YOJANE)
APPLY ONLINE (GOVT.BUILDINGS)
VIEW STATUS
OFFICERS' LOGIN
Meter Details
Verify OTP and Submit
OTP has been sent to registered consumer mobile number
Enter OTP
Verify & Submit
Resend OTP
Declaration
Technical Specification
System Installer Details
System Installer Firm Name Test
System Installer Firm GST Number Test
Work Declaration form (Download here) Choose File Application_1000017513_11082025_145154.pdf
Submit
Clear


srtpv.bescom.org says
Work execution details successfully submitted.
OK
Meter Details
Sl. No
Particulars
Main Meter
Check Meter
Make
Type
Sl No.
Phase
CT Ratio
PT Ratio
Date of Test by MT Division
Meter Testing Report (PDF less than 2 M
Verify OTP and Submit
OTP has been sent to registered consumer mobile number
1254
Verify & Submit
Resend OTP
Three Phase
08/08/2025
Choose File
Declaration
I declare that other equipement such as D
AC Surge arrestor are installed as per Technical Specification
System Installer Details
System Installer Firm Name
System Installer Firm GST Number
Work Declaration form (Download here)
Test
Choose File Application_1000017513_11082025_145154.pdf
Submit
Clear


srtpv.bescom.org/SRTPV_TEST/application_tracker_work_execution.jsp?applicationno=1000017513
DSPV ONLINE SERVICES
APPLY ONLINE
APPLY ONLINE (SOURA GRUHA YOJANE)
APPLY ONLINE (GOVT. BUILDINGS)
VIEW STATUS
OFFICERS' LOGIN
Application Info
Feasibility
PPA
Work Completion
Commissioning
Application No. 1000017513
Feasible Solar capacity in kWP : 160.0
Download Work Execution Details Submitted
Download System Installer Declaration Letter
@ 2020 - Design By BESCOM
080 2234 0816 solar_helpdesk@bescom.co.in



Application_1000017513_WorkExecution_11_08_2025_15_28_4... 1 / 2 63%

Work Execution details of of SRTPV Application No. 1000017513

Solar PV Module

Sl No	Make	Type	Capacity of each module in kWp	No. of Modules	Sl. No of Modules (Comma separated)	Total capacity of this make, type & capacity
1	Test	Mono	0.5	320	Test01,Test02,Test03,Test03	160.0

Inverter

Sl No	Make	Type	Capacity of Inverter (kVA)	No. of Inverters	Sl. No of Inverters (Comma separated)	Total capacity of this make, type & capacity
1	Test	Hybrid	160.0	1	Test	160.0

Bidirectional Main Meter

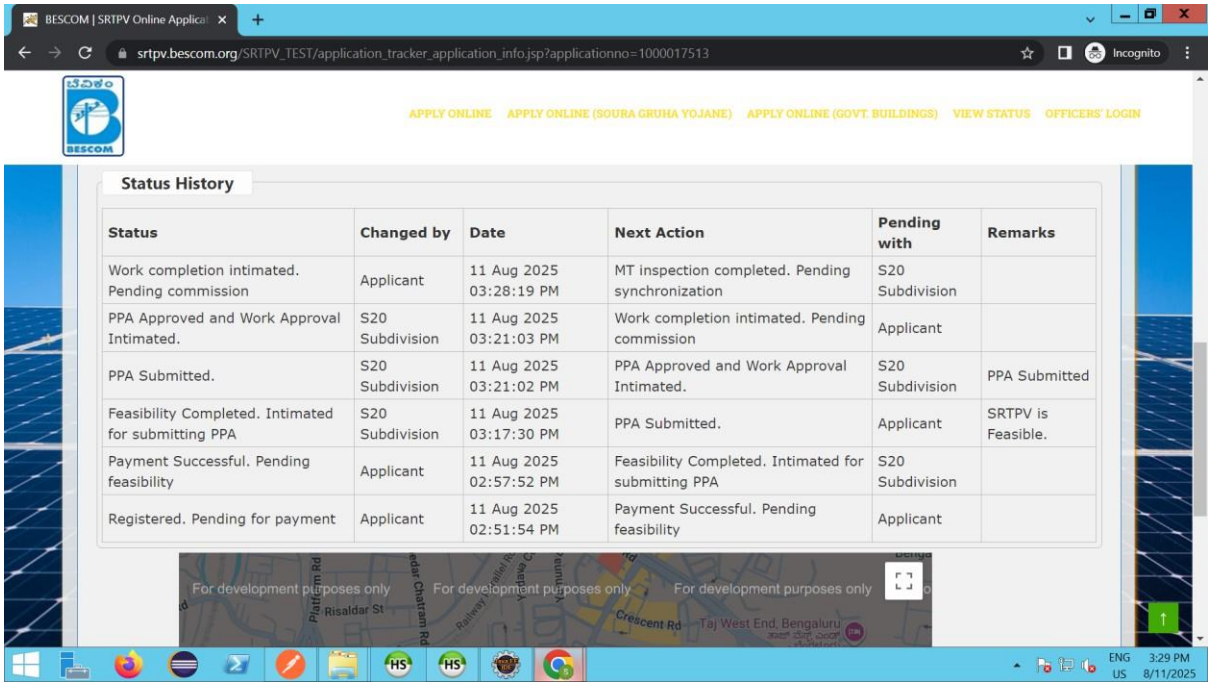
Make	M/s Genus Power Infrastructures Limited
Type	ELECTRO STATIC METER
Serial No	Test
Phase	Three Phase
CT Ratio	0.0
PT Ratio	0.0
Date of Test by MT division	08 Aug 2025

Bidirectional Check Meter

Make	M/s Genus Power Infrastructures Limited
Type	ELECTRO STATIC METER
Serial No	Test
Phase	Three Phase
CT Ratio	0.0
PT Ratio	0.0
Date of Test by MT division	08 Aug 2025
System Installer Firm Name	Test
System Installer Firm License Number	Test

Certified that the above said SRPTV system was installed by me and the equipment's used comply the Technical and Safety standards issued by BESCOM.

Report submitted on : 11 Aug 2025 03:28:19 PM



BESCOM | SRTPV Online Applicat

srtpv.bescom.org/SRTPV_TEST/application_tracker_application_info.jsp?applicationno=1000017513

Incognito

APPLY ONLINE APPLY ONLINE (SOURA GRUHA YOJANE) APPLY ONLINE (GOVT. BUILDINGS) VIEW STATUS OFFICERS' LOGIN

Status History

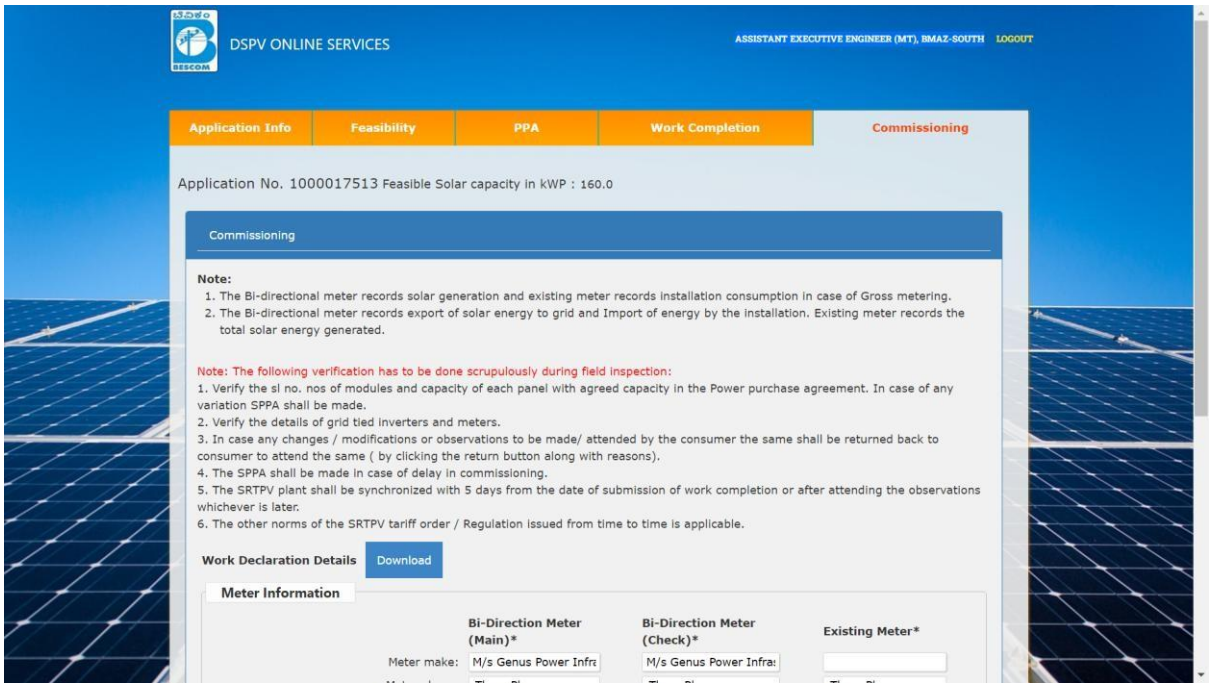
Status	Changed by	Date	Next Action	Pending with	Remarks
Work completion intimated. Pending commission	Applicant	11 Aug 2025 03:28:19 PM	MT inspection completed. Pending synchronization	S20 Subdivision	
PPA Approved and Work Approval Intimated.	S20 Subdivision	11 Aug 2025 03:21:03 PM	Work completion intimated. Pending commission	Applicant	
PPA Submitted.	S20 Subdivision	11 Aug 2025 03:21:02 PM	PPA Approved and Work Approval Intimated.	S20 Subdivision	PPA Submitted
Feasibility Completed. Intimated for submitting PPA	S20 Subdivision	11 Aug 2025 03:17:30 PM	PPA Submitted.	Applicant	SRTPV is Feasible.
Payment Successful. Pending feasibility	Applicant	11 Aug 2025 02:57:52 PM	Feasibility Completed. Intimated for submitting PPA	S20 Subdivision	
Registered. Pending for payment	Applicant	11 Aug 2025 02:51:54 PM	Payment Successful. Pending feasibility	Applicant	

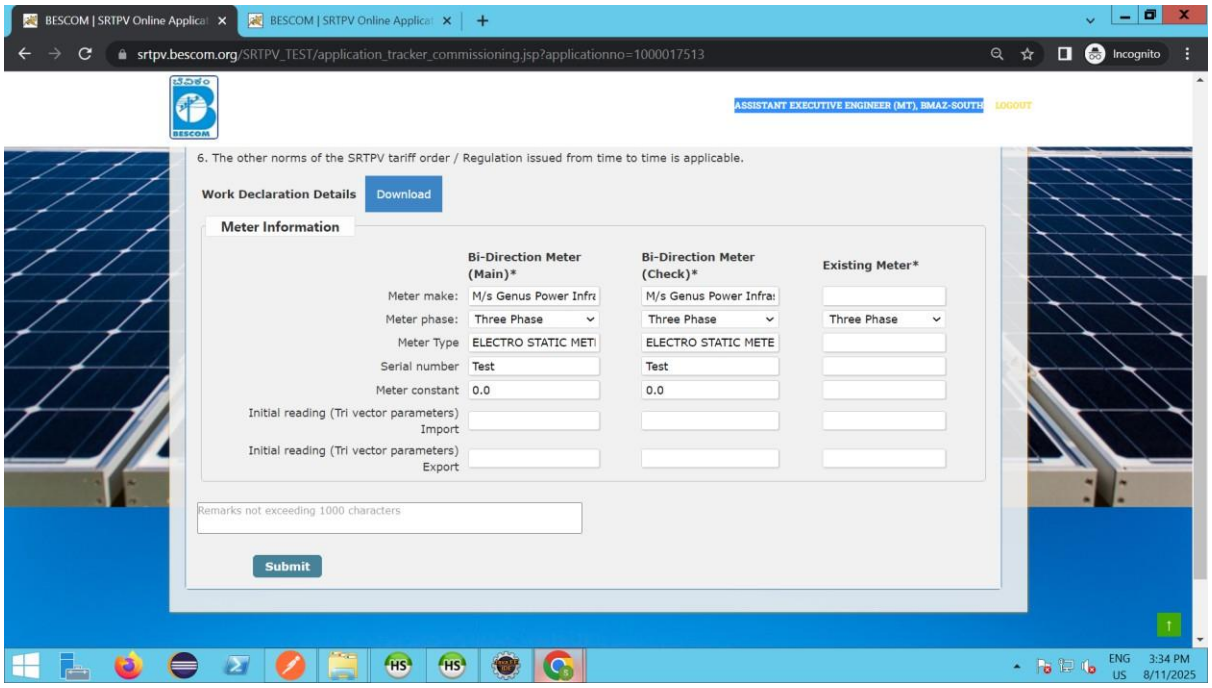
For development purposes only For development purposes only For development purposes only

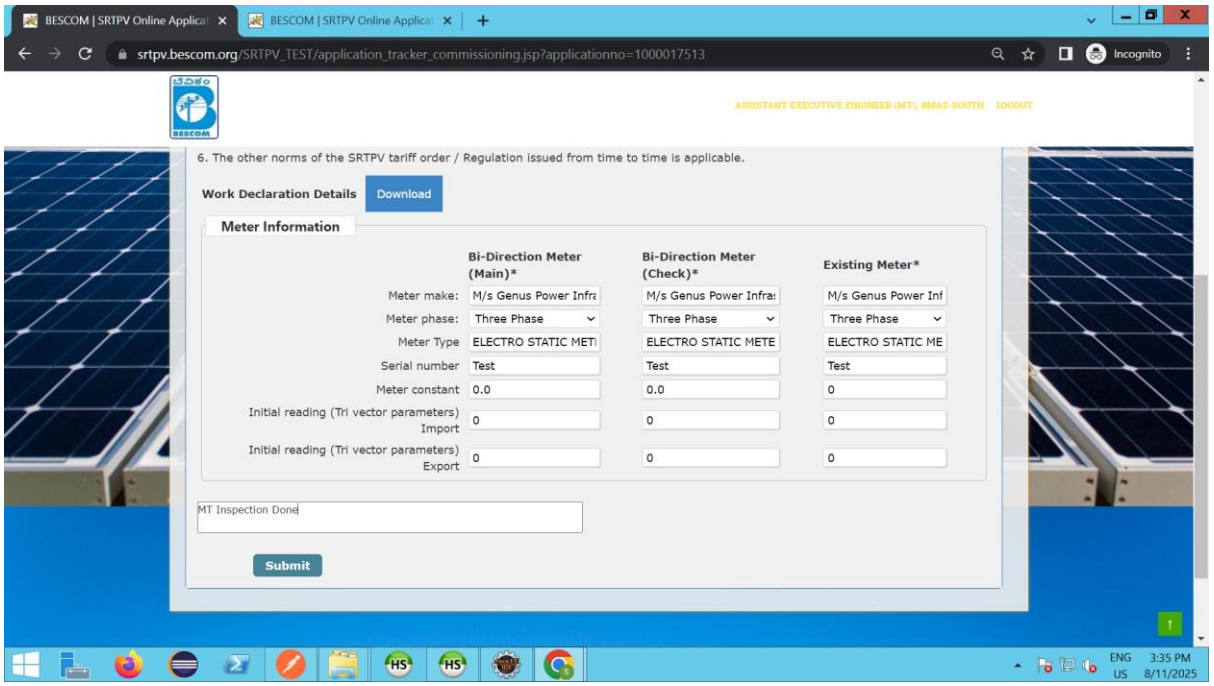
Risaldar St Crescent Rd Taj West End, Bengaluru

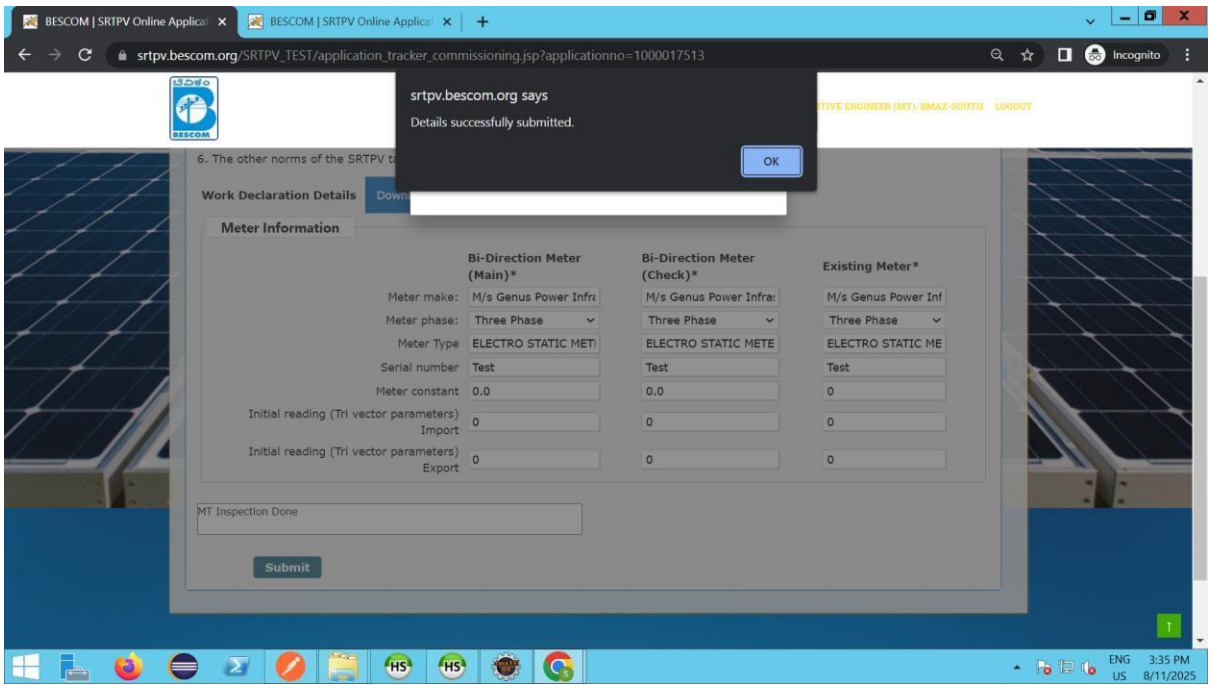
ENG US 3:29 PM 8/11/2025

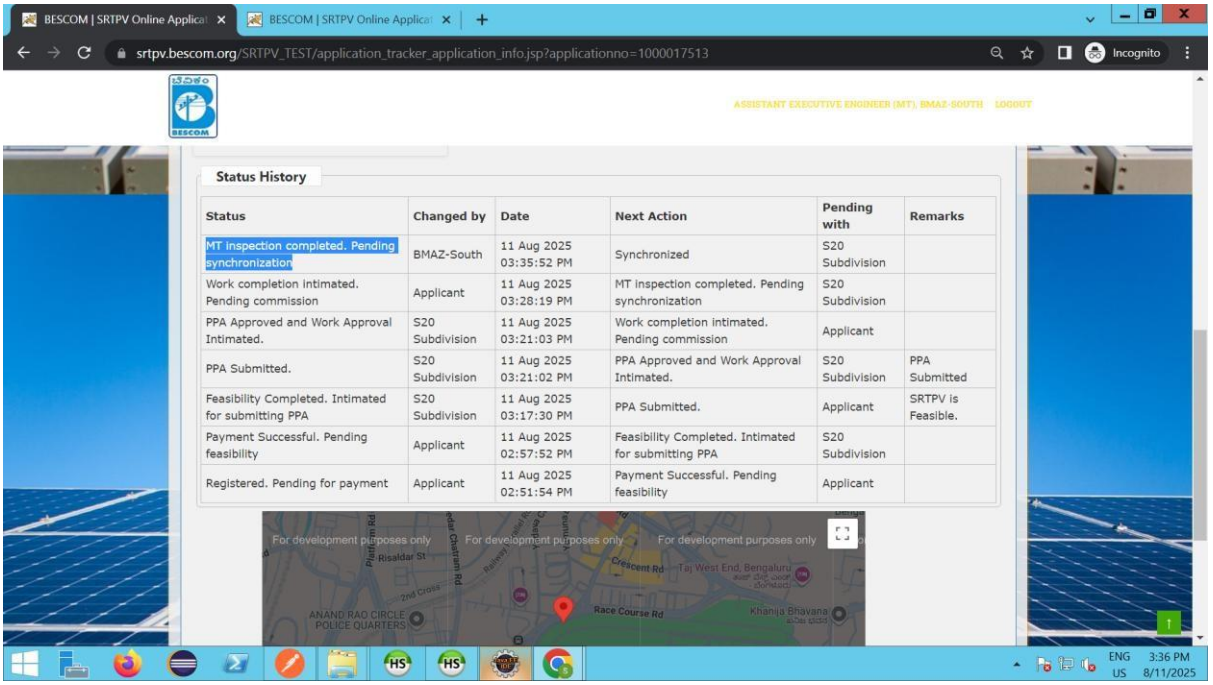
MT Inspection Step



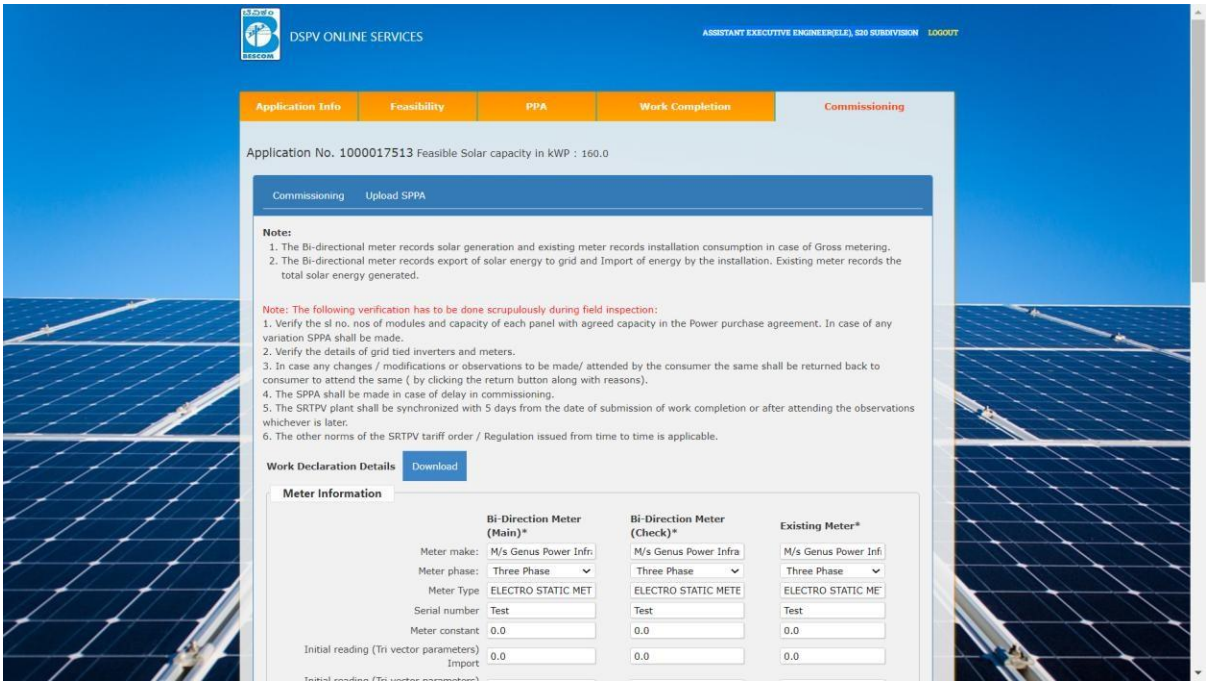


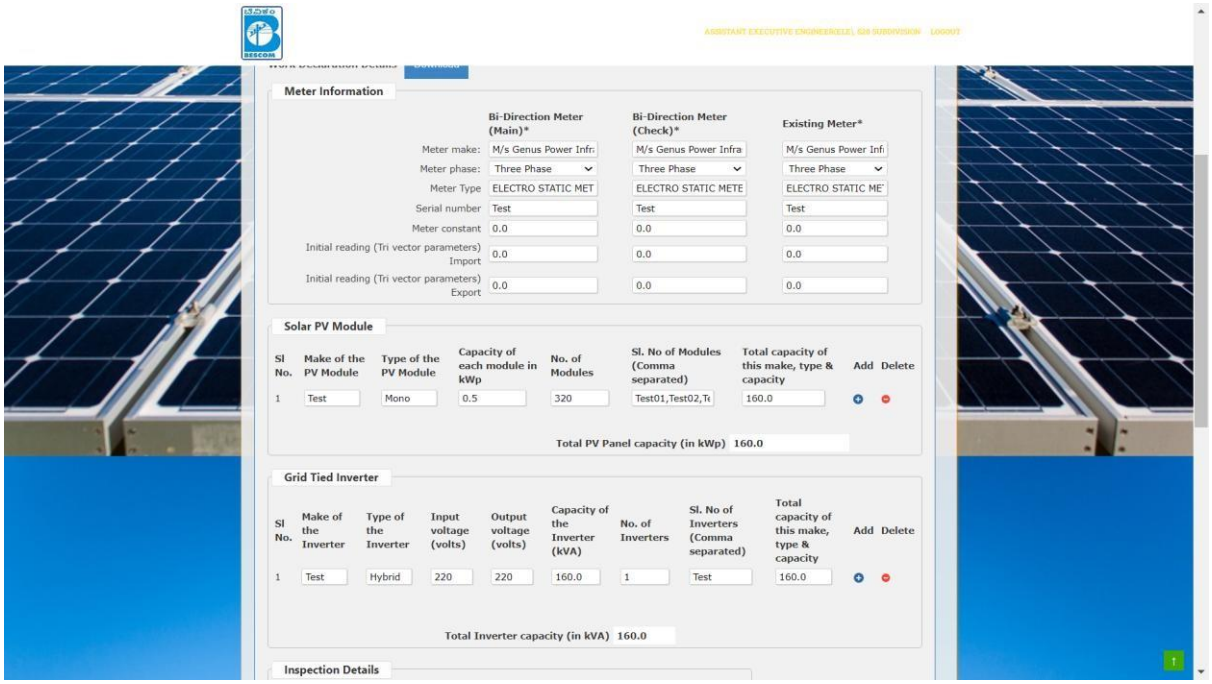

BESCOM | SRTPV Online Applicat
srtpv.bescom.org/SRTPV_TEST/application_tracker_commissioning.jsp?applicationno=1000017513
Incognito
ASSISTANT EXECUTIVE ENGINEER (MT), BMAZ-SOUTH LOGOUT
6. The other norms of the SRTPV tariff order / Regulation issued from time to time is applicable.
Work Declaration Details
Download
Meter Information
Bi-Direction Meter (Main)*
Bi-Direction Meter (Check)*
Existing Meter*
Meter make:
Meter phase:
Meter Type
Serial number
Meter constant
Initial reading (Tri vector parameters) Import
Initial reading (Tri vector parameters) Export
M/s Genus Power Infra
Three Phase
ELECTRO STATIC METE
Test
0.0
0
MT Inspection Done
Submit
ENG US 3:35 PM 8/11/2025

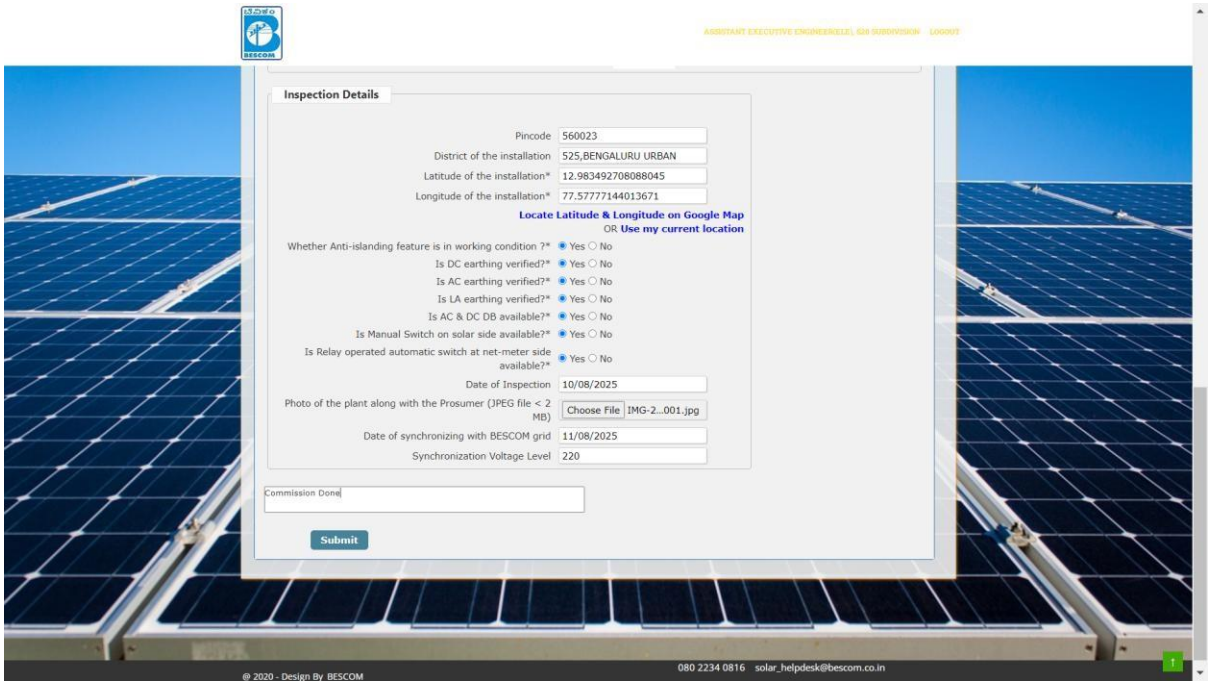

BESCOM | SRTPV Online Applicat
srtpv.bescom.org/SRTPV_TEST/application_tracker_commissioning.jsp?applicationno=1000017513
Incognito
srtpv.bescom.org says
Details successfully submitted.
OK
Work Declaration Details
Meter Information
Bi-Direction Meter (Main)*
Bi-Direction Meter (Check)*
Existing Meter*
Meter make:
Meter phase:
Meter Type
Serial number
Meter constant
Initial reading (Tri vector parameters) Import
Initial reading (Tri vector parameters) Export
MT Inspection Done
Submit
ENG US 3:35 PM 8/11/2025

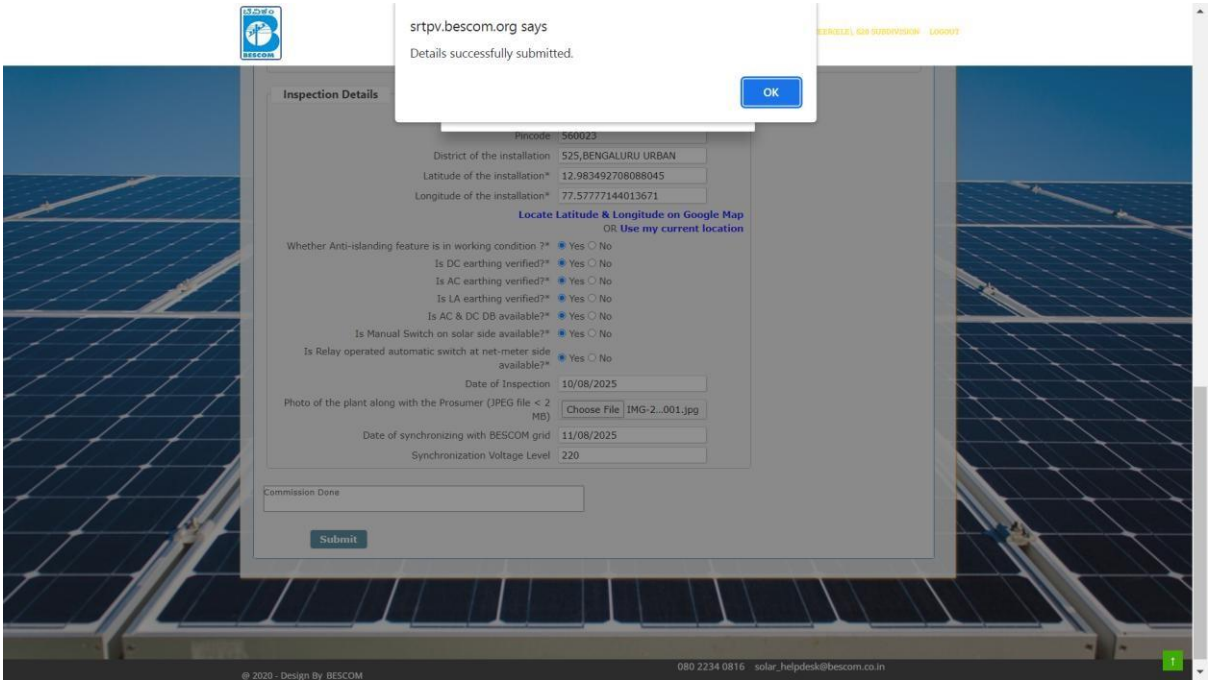


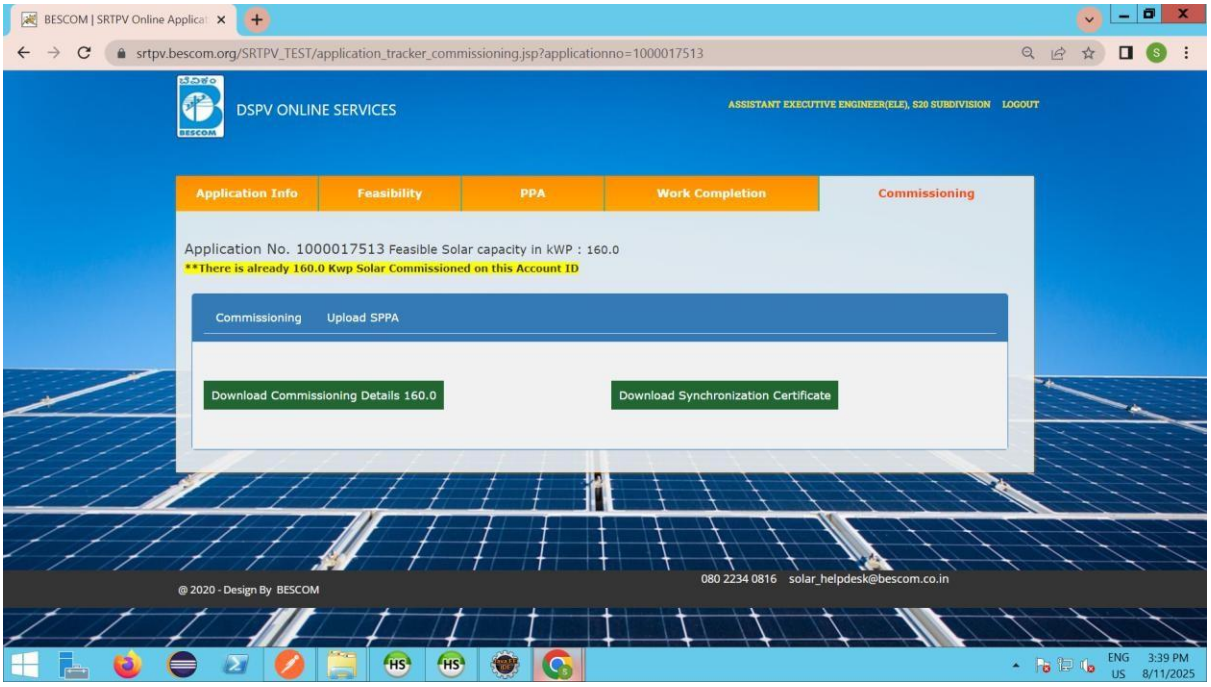
Commission Step

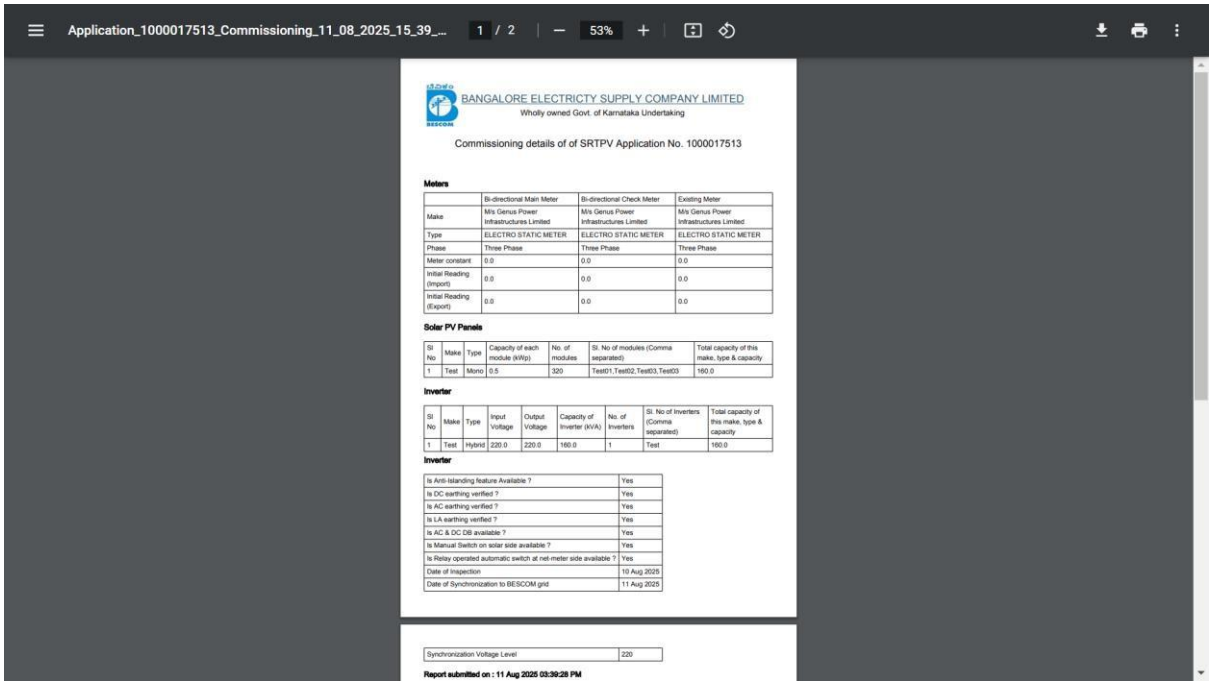



Meter Information
Bi-Direction Meter (Main)*
Bi-Direction Meter (Check)*
Existing Meter*
Meter make:
Meter phase:
Meter Type
Serial number
Meter constant
Initial reading (Tri vector parameters) Import
Initial reading (Tri vector parameters) Export
Solar PV Module
Sl No.
Make of the PV Module
Type of the PV Module
Capacity of each module in kWp
No. of Modules
Sl. No of Modules (Comma separated)
Total capacity of this make, type & capacity
Add
Delete
Total PV Panel capacity (in kWp) 160.0
Grid Tied Inverter
Make of the Inverter
Type of the Inverter
Input voltage (volts)
Output voltage (volts)
Capacity of the Inverter (kVA)
No. of Inverters
Sl. No of Inverters (Comma separated)
Total capacity of this make, type & capacity
Total Inverter capacity (in kVA) 160.0
Inspection Details


Inspection Details
Pincode 560023
District of the installation 525,BENGALURU URBAN
Latitude of the installation* 12.983492708088045
Longitude of the installation* 77.57777144013671
Locate Latitude & Longitude on Google Map
OR Use my current location
Whether Anti-islanding feature is in working condition ?*
Is DC earthing verified?*
Is AC earthing verified?*
Is LA earthing verified?*
Is AC & DC DB available?*
Is Manual Switch on solar side available?*
Is Relay operated automatic switch at net-meter side available?*
Date of Inspection 10/08/2025
Photo of the plant along with the Prosumer (JPEG file < 2 MB) Choose File IMG-2...001.jpg
Date of synchronizing with BESCOM grid 11/08/2025
Synchronization Voltage Level 220
Commission Done
Submit
@ 2020 - Design By BESCOM
080 2234 0816 solar_helpdesk@bescom.co.in


srtpv.bescom.org says
Details successfully submitted.
OK
Inspection Details
Pincode 560023
District of the installation 525,BENGALURU URBAN
Latitude of the installation* 12.98349270808045
Longitude of the installation* 77.57777144013671
Locate Latitude & Longitude on Google Map
OR Use my current location
Whether Anti-islanding feature is in working condition ?* Yes No
Is DC earthing verified?* Yes No
Is AC earthing verified?* Yes No
Is LA earthing verified?* Yes No
Is AC & DC DB available?* Yes No
Is Manual Switch on solar side available?* Yes No
Is Relay operated automatic switch at net-meter side available?* Yes No
Date of Inspection 10/08/2025
Photo of the plant along with the Prosumer (JPEG file < 2 MB) Choose File IMG-2...001.jpg
Date of synchronizing with BESCOM grid 11/08/2025
Synchronization Voltage Level 220
Commission Done
Submit
@ 2020 - Design By BESCOM
080 2234 0816 solar_helpdesk@bescom.co.in


BESCOM | SRTPV Online Applicat
srtpv.bescom.org/SRTPV_TEST/application_tracker_commissioning.jsp?applicationno=1000017513
DSPV ONLINE SERVICES
ASSISTANT EXECUTIVE ENGINEER(ELE), S20 SUBDIVISION LOGOUT
Application Info
Feasibility
PPA
Work Completion
Commissioning
Application No. 1000017513 Feasible Solar capacity in kWP : 160.0
**There is already 160.0 Kwp Solar Commissioned on this Account ID
Commissioning
Upload SPPA
Download Commissioning Details 160.0
Download Synchronization Certificate
@ 2020 - Design By BESCOM
080 2234 0816 solar_helpdesk@bescom.co.in
ENG US
3:39 PM
8/11/2025



Application_1000017513_Commissioning_11_08_2025_15_39_... 1 / 2 53%

BANGALORE ELECTRICTY SUPPLY COMPANY LIMITED
Wholly owned Govt. of Karnataka Undertaking

Commissioning details of of SRTPV Application No. 1000017513

Meters

	Bi-directional Main Meter	Bi-directional Check Meter	Existing Meter
Make	M/s Genus Power Infrastructures Limited	M/s Genus Power Infrastructures Limited	M/s Genus Power Infrastructures Limited
Type	ELECTRO STATIC METER	ELECTRO STATIC METER	ELECTRO STATIC METER
Phase	Three Phase	Three Phase	Three Phase
Meter constant	0.0	0.0	0.0
Initial Reading (Import)	0.0	0.0	0.0
Initial Reading (Export)	0.0	0.0	0.0

Solar PV Panels

Sl No	Make	Type	Capacity of each module (kWp)	No. of modules	Sl. No of modules (Comma separated)	Total capacity of this make, type & capacity
1	Test	Mono	0.5	320	Test01,Test02,Test03,Test03	160.0

Inverter

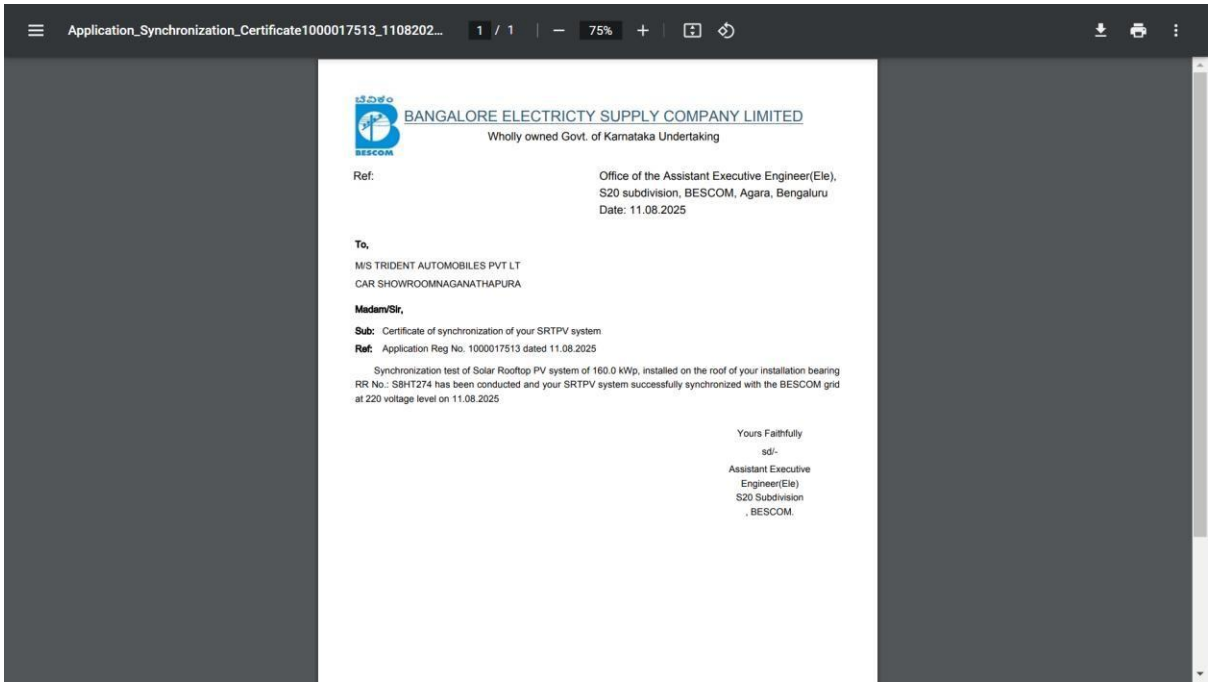
Sl No	Make	Type	Input Voltage	Output Voltage	Capacity of Inverter (kVA)	No. of Inverters	Sl. No of Inverters (Comma separated)	Total capacity of this make, type & capacity
1	Test	Hybrid	220.0	220.0	160.0	1	Test	160.0

Inverter

Is Anti-Islanding feature Available ?	Yes
Is DC earthing verified ?	Yes
Is AC earthing verified ?	Yes
Is LA earthing verified ?	Yes
Is AC & DC DB available ?	Yes
Is Manual Switch on solar side available ?	Yes
Is Relay operated automatic switch at net-meter side available ?	Yes
Date of Inspection	10 Aug 2025
Date of Synchronization to BESCOM grid	11 Aug 2025

Synchronization Voltage Level	220

Report submitted on : 11 Aug 2025 03:39:28 PM



Application_Synchronization_Certificate1000017513_1108202... 1 / 1 75%

BANGALORE ELECTRICTY SUPPLY COMPANY LIMITED
Wholly owned Govt. of Karnataka Undertaking

Ref:

Office of the Assistant Executive Engineer(Ele),
S20 subdivision, BESCOM, Agara, Bengaluru
Date: 11.08.2025

To,

M/S TRIDENT AUTOMOBILES PVT LT
CAR SHOWROOMNAGANATHAPURA

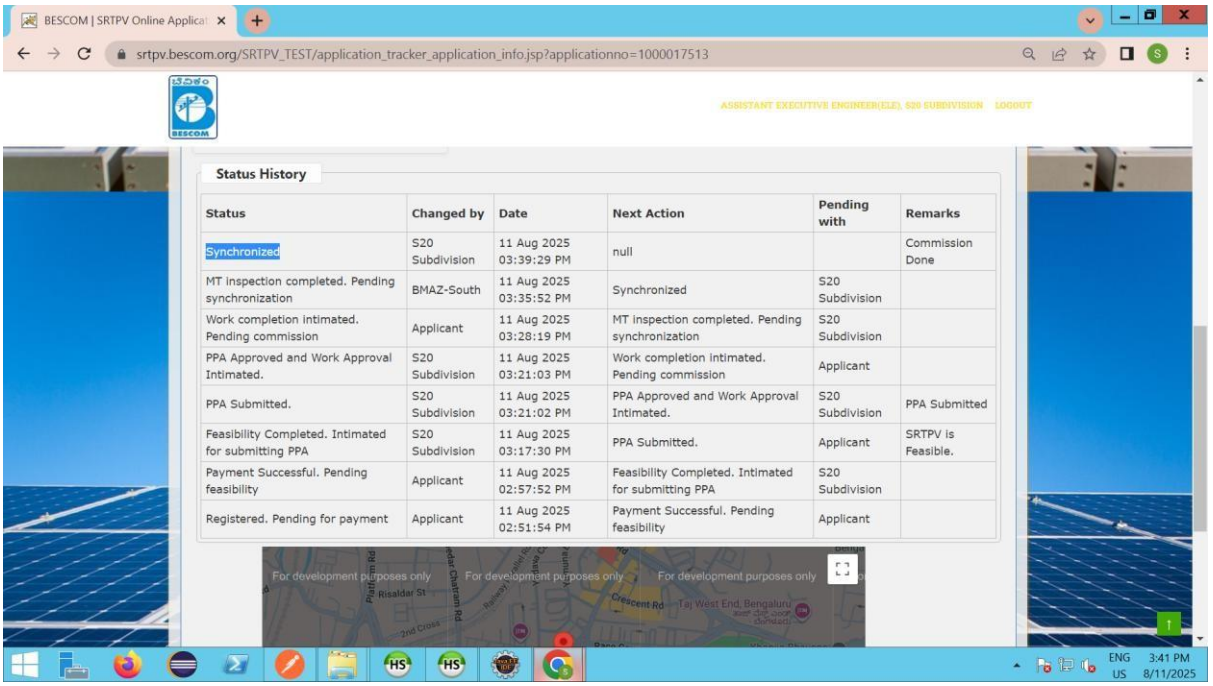
Madam/Sir,

Sub: Certificate of synchronization of your SRTPV system.

Ref: Application Reg No. 1000017513 dated 11.08.2025

Synchronization test of Solar Rooftop PV system of 160.0 kWp, installed on the roof of your installation bearing RR No.: S8HT274 has been conducted and your SRTPV system successfully synchronized with the BESCOM grid at 220 voltage level on 11.08.2025

Yours Faithfully
sd/-
Assistant Executive
Engineer(Ele)
S20 Subdivision
, BESCOM.


BESCOM | SRTPV Online Applicat
srtpv.bescom.org/SRTPV_TEST/application_tracker_application_info.jsp?applicationno=1000017513
ASSISTANT EXECUTIVE ENGINEER(ELE), S20 SUBDIVISION LOGOUT
Status History
Status | Changed by | Date | Next Action | Pending with | Remarks
Synchronized | S20 Subdivision | 11 Aug 2025 03:39:29 PM | null | | Commission Done
MT inspection completed. Pending synchronization | BMAZ-South | 11 Aug 2025 03:35:52 PM | Synchronized | S20 Subdivision |
Work completion intimated. Pending commission | Applicant | 11 Aug 2025 03:28:19 PM | MT inspection completed. Pending synchronization | S20 Subdivision |
PPA Approved and Work Approval Intimated. | S20 Subdivision | 11 Aug 2025 03:21:03 PM | Work completion intimated. Pending commission | Applicant |
PPA Submitted. | S20 Subdivision | 11 Aug 2025 03:21:02 PM | PPA Approved and Work Approval Intimated. | S20 Subdivision | PPA Submitted
Feasibility Completed. Intimated for submitting PPA | S20 Subdivision | 11 Aug 2025 03:17:30 PM | PPA Submitted. | Applicant | SRTPV is Feasible.
Payment Successful. Pending feasibility | Applicant | 11 Aug 2025 02:57:52 PM | Feasibility Completed. Intimated for submitting PPA | S20 Subdivision |
Registered. Pending for payment | Applicant | 11 Aug 2025 02:51:54 PM | Payment Successful. Pending feasibility | Applicant |
For development purposes only
For development purposes only
For development purposes only
Risaldar St
Crescent Rd
Taj West End, Bengaluru
2nd Cross
ENG US 3:41 PM 8/11/2025