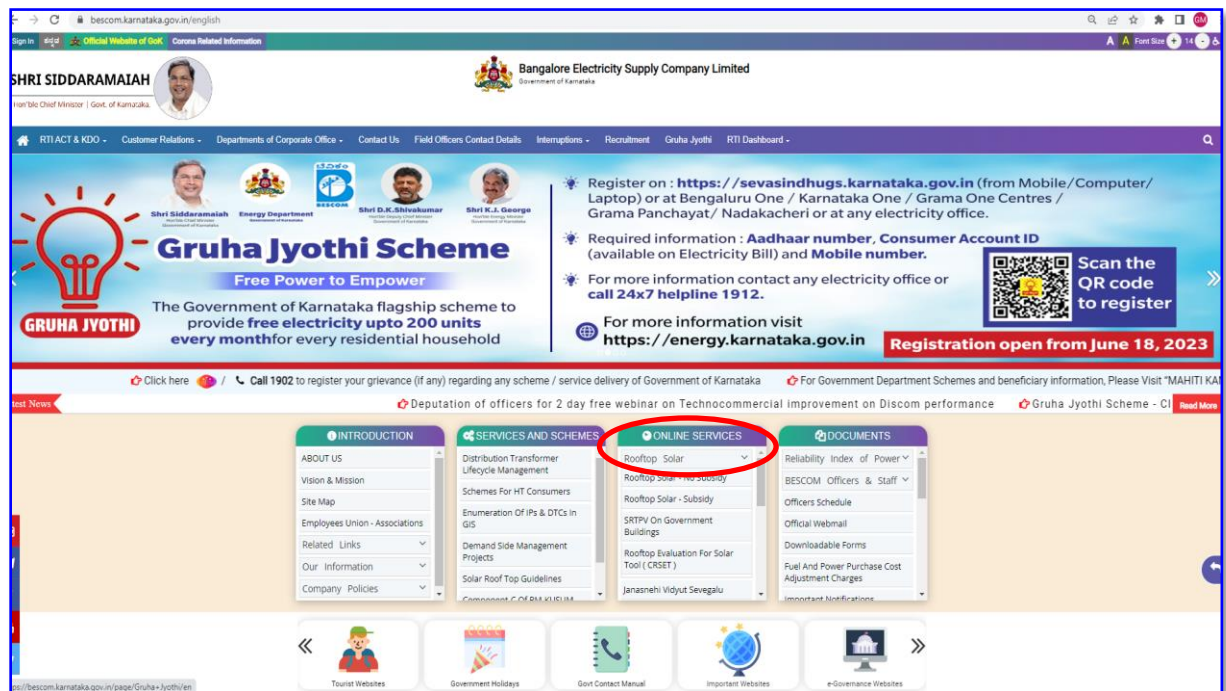
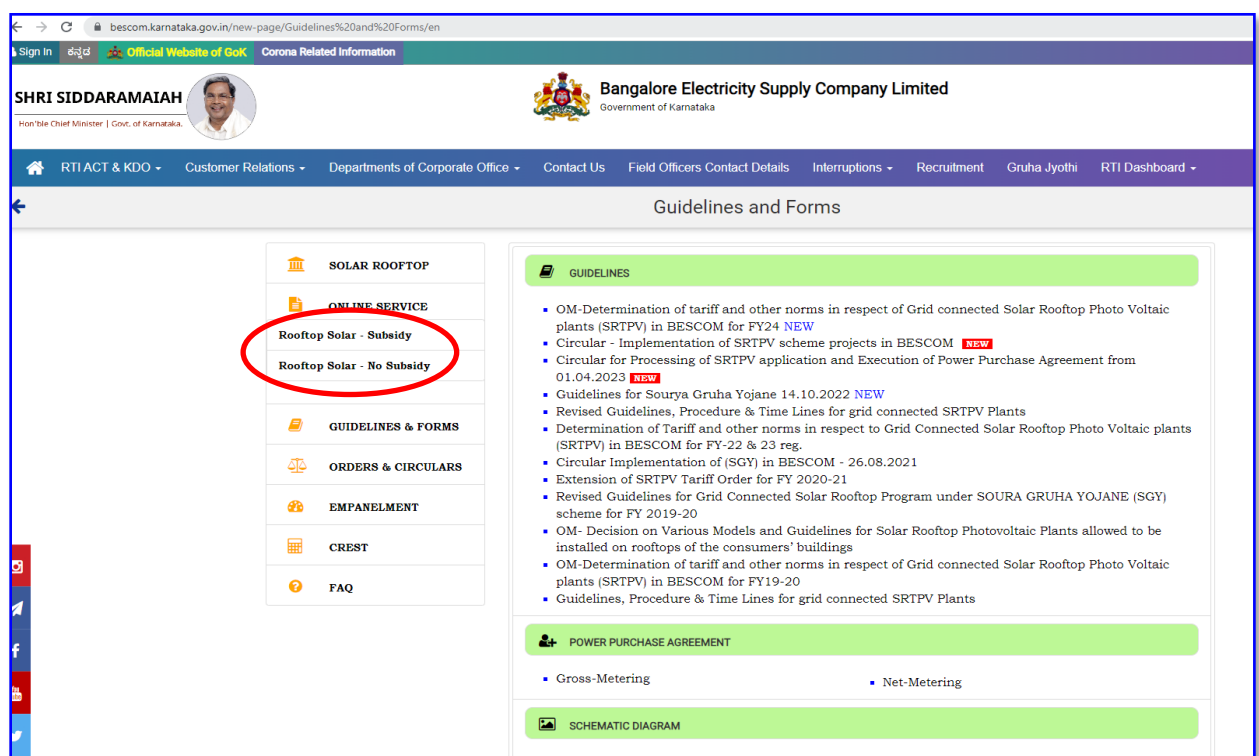


# Manual for Online SRTPV application for capacity 1 to 10kW for BESCOM Consumers

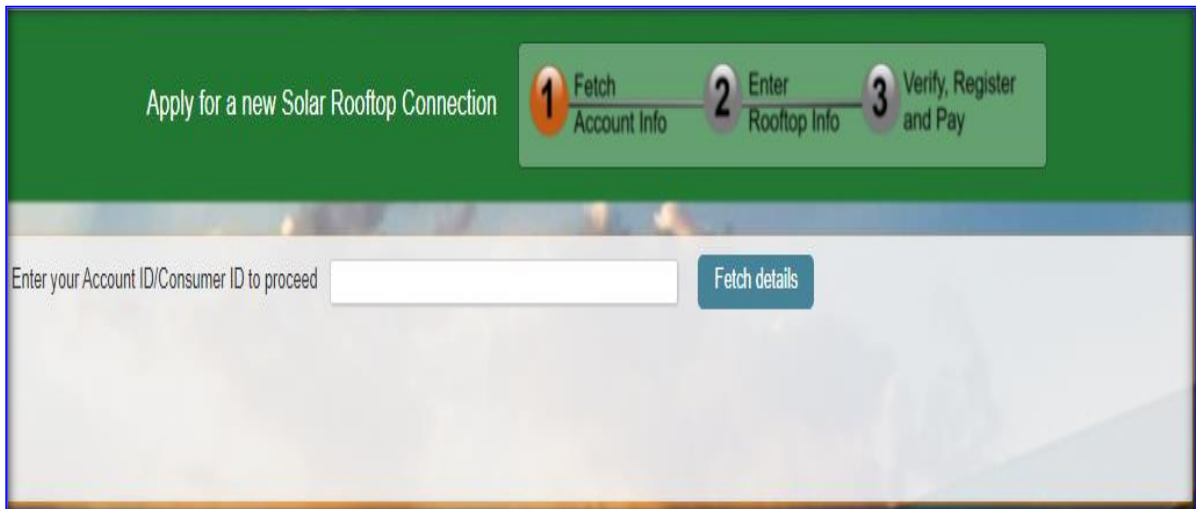
1. Log on to BESCOM website <https://bescom.karnataka.gov.in/>



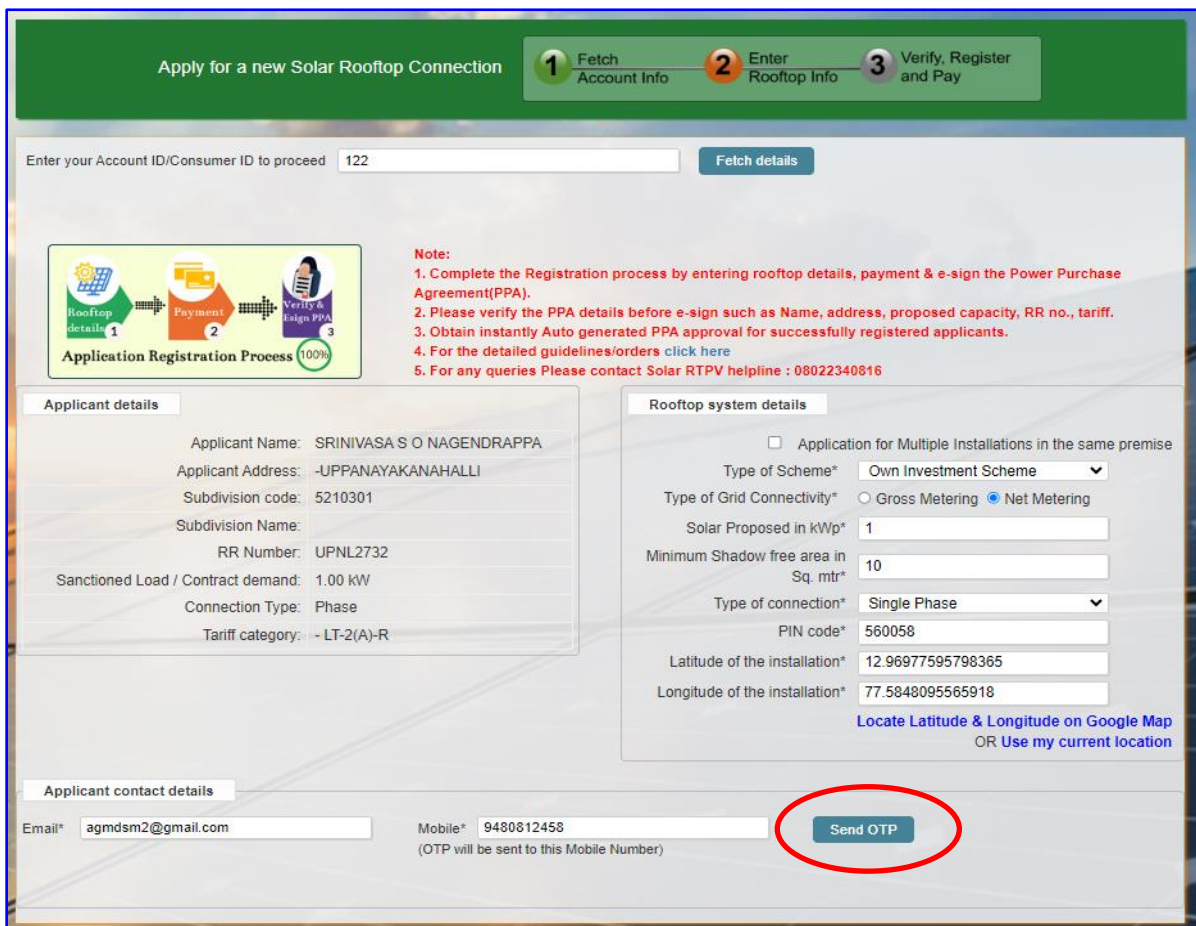
2. Click on -> Rooftop Solar – non subsidy or Subsidy



3. Enter the consumer Account ID



4. The Consumer has to **enter** the **Rooftop system details** such as Type of scheme, grid connectivity, Solar proposed capacity in kWp, Shadow free area, Type of connection, pin code, latitude, longitude, Applicant contact details. **Click on -> Send OTP**



Apply for a new Solar Rooftop Connection

1 Fetch Account Info 2 Enter Rooftop Info 3 Verify, Register and Pay

Enter your Account ID/Consumer ID to proceed 122 Fetch details

**Application Registration Process** 100%

**Note:**

1. Complete the Registration process by entering rooftop details, payment & e-sign the Power Purchase Agreement(PPA).
2. Please verify the PPA details before e-sign such as Name, address, proposed capacity, RR no., tariff.
3. Obtain instantly Auto generated PPA approval for successfully registered applicants.
4. For the detailed guidelines/orders [click here](#)
5. For any queries Please contact Solar RTPV helpline : 08022340816

**Applicant details**

Applicant Name: SRINIVASA S O NAGENDRAPPA  
Applicant Address: -UPPANAYAKANAHALLI  
Subdivision code: 5210301  
Subdivision Name:  
RR Number: UPNL2732  
Sanctioned Load / Contract demand: 1.00 kW  
Connection Type: Phase  
Tariff category: - LT-2(A)-R

**Rooftop system details**

☐ Application for Multiple Installations in the same premise

Type of Scheme\* Own Investment Scheme  
Type of Grid Connectivity\* ☐ Gross Metering ☒ Net Metering  
Solar Proposed in kWp\* 1  
Minimum Shadow free area in Sq. mtr\* 10  
Type of connection\* Single Phase  
PIN code\* 560058  
Latitude of the installation\* 12.96977595798365  
Longitude of the installation\* 77.5848095565918

[Locate Latitude & Longitude on Google Map](#)  
OR Use my current location

**Applicant contact details**

Email\* agmdsm2@gmail.com Mobile\* 9480812458  
(OTP will be sent to this Mobile Number)

**Send OTP**

5. After **Click on -> Sent OTP**. A draft PPA will be displayed for verification of the Name, address etc. **After verification** of the draft PPA, **accept the terms and conditions of the PPA**.

**NET METERING**

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

(Standard format Approved by KERC)

**For Capacities 1kW to 10kW as per KERC Order Dated: 01.06.2023**

This Power Purchase agreement is entered into at Chitradurga Rural Subdivision on this **27-07-2023** Day of SRINIVASA S O NAGENDRAPPA -UPPANAYAKANAHALLI between Bangalore Electricity Supply Company Limited (BESCOM), a Government of Karnataka undertaking, being a Company formed and incorporated in India under the Companies Act-1956, with its registered office located at Bangalore, Karnataka State, represented by BESCOM **AEE Chitradurga Rural Subdivision** hereinafter referred to as the "BESCOM", (which expression shall, unless repugnant to the context or meaning thereof, include its successors and permitted assigns), as party of the first part

**AND**

the consumer of BESCOM residing at hereinafter, referred to as the "Seller" (which expression shall, unless repugnant to the context or meaning thereof, include his successors and permitted assigns) as party of the second part

Whereas,

a. The Seller intends to connect and operate the Solar Roof Top Photo Voltaic (SRTPV) system with BESCOM's HT/LT Distribution system for sale of Solar Power to BESCOM, in terms of the **Karnataka Electricity Regulatory Commission's (KERC) Order dated: 01.06.2023**.

b. The Seller intends to install a SRTPV system of **1 kWp** capacity on the existing roof top of the premises, situated at and bearing RR. No **UPNL2732** in the same premises, under AEE of BESCOM **Chitradurga Rural Subdivision**.

c. The Seller intends to sell the energy, generated from the SRTPV system to BESCOM on Net metering basis, from the date of commissioning of the SRTPV system.

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

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

**1. Technical and Interconnection Requirements:**

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

1.1 Comply with the applicable standards and conditions, in respect of integrating the SRTPV system with the distribution system

1.2 Connect and operate the SRTPV system to BESCOM's distribution system, in accordance with the State Grid Code, and distribution Code as amended from time to time.

1.3 Install, prior to connection of SRTPV system to BESCOM's distribution system, an inverter with an automatic inbuilt isolation device.

1.4 Provide external manual isolation mechanism with suitable locking facility, so that SRTPV system will not back-feed into the BESCOM's network in case of power outage of the BESCOM's distribution system, and it shall be accessible for BESCOM to operate, if required, during maintenance / emergency conditions.

1.5 Install all the equipment of SRTPV system compliant with relevant International (IEEE/IEC) and Indian standards (BIS).

1.6 (a) The SRTPV system shall be designed, engineered and constructed and operated by the Seller or any other person on his behalf, with reasonable diligence, subject to all applicable Indian Laws, Rules, Regulations as amended from time to time and orders having the force of law.

(b) The Seller, shall commission the SRTPV system, within six months from the date of approval of the PPA.

1.7 Adhere to the following power quality measures, as per the International and Indian standards and/or such other measures stipulated by KERC/BESCOM:

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

#### 8. BILLING AND PAYMENT:

8.1 BESCOM shall issue monthly electricity bill for the net energy on the scheduled date of meter reading.

8.2 In case the exported energy is more than the imported energy BESCOM shall pay for the net energy exported, as per the Tariff agreed in this agreement, within 30 days from the date of issue of bill, duly adjusting the fixed charges and electricity duty, if any.

8.3 In case, the exported energy is less than the imported energy, the Seller shall pay BESCOM for the Net energy imported as per the prevailing retail supply tariff, determined by the Commission from time to time.

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

Explanation: Net metered energy means the difference of meter readings of energy injected by the SRTPV system into the grid (export) and the energy drawn from the grid for use by the Seller (import,) recorded in the bi-directional meter.

#### 9. Term and Termination of the Agreement

9.1 This agreement shall be in force for a period of 25 years from the date of commissioning of the SRTPV system, unless terminated otherwise, as provided here under.

9.2 If the BESCOM commits any breach of the terms of the Agreement, Seller shall serve a written notice specifying the breach and calling upon the BESCOM to remedy/ rectify the same, within 30 (thirty) days or at such other period and at the expiry of 30 (Thirty) days or such other period from the delivery of the notice, Seller may terminate the agreement by delivering the termination notice, if the BESCOM fails to remedy/ rectify the same.

9.3 If the Seller commits any breach of the terms of the Agreement, BESCOM shall serve a written notice specifying the breach and calling upon the Seller to remedy/ rectify the same within 30 (thirty) days or at such other period and at the expiry of 30 (Thirty) days or such other period from the delivery of the notice, the BESCOM may terminate the agreement by delivering the termination notice, if the Seller fails to remedy/ rectify the same.

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

#### 10. Dispute Resolution:

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

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

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

☐ I agree to abide by tariff, PPA Terms & conditions determined by the Hon'ble KERC for FY-23-24 and the Above Details are correct

OK



6. The consumer has to **enter** the **OTP** sent to Registered Mobile no.  
**Click on -> Verify & Proceed.**

Apply for a new Solar Rooftop Connection

1 Fetch Account Info 2 Enter Rooftop Info 3 Verify, Register and Pay

Enter your Account ID/Consumer ID to proceed 122 Fetch details

**Note:**  
1. Complete the Registration process by entering rooftop details, payment & e-sign the Power Purchase Agreement(PPA).  
2. Please verify the PPA details before e-sign such as Name, address, proposed capacity, RR no., tariff.  
3. Obtain instantly Auto generated PPA approval for successfully registered applicants.  
4. For the detailed guidelines/orders click here  
5. For any queries Please contact Solar RTPV helpline : 08022340816

**Application Registration Process** 100%

**Applicant details**

Applicant Name: SRINIVASA S O NAGENDRAPPA  
Applicant Address: -UPPANAYAKANAHALLI  
Subdivision code: 5210301  
Subdivision Name:  
RR Number: UPNL2732  
Sanctioned Load / Contract demand: 1.00 kW  
Connection Type: Phase  
Tariff category: - LT-2(A)-R

**Rooftop system details**

☐ Application for Multiple Installations in the same premise

Type of Scheme\* Own Investment Scheme  
Type of Grid Connectivity\* ☐ Gross Metering ☒ Net Metering  
Solar Proposed in kWp\* 1  
Minimum Shadow free area in Sq. mtr\* 10  
Type of connection\* Single Phase  
PIN code\* 560058  
Latitude of the installation\* 12.992274376218019  
Longitude of the installation\* 77.5975983291748  
[Locate Latitude & Longitude on Google Map](#)  
OR Use my current location

**Applicant contact details**

Email\* agmdsm2@gmail.com Mobile\* 9480812458 (OTP will be sent to this Mobile Number) Resend OTP

Verify OTP 314310 **Verify & Proceed**

7. An Application Reference Number is generated ex.1000005553 for tracking along with payment details which includes Application, Processing & E-Sign facility fee Plus GST charges. **Click on -> Continue.**

Apply for a new Solar Rooftop Connection

1 Fetch Account Info 2 Enter Rooftop Info 3 Verify, Register and Pay

Enter your Account ID/Consumer ID to proceed 122 Fetch details

**Application Registration Process** 100%

**Note:**  
1. Complete the Registration process by entering rooftop details, payment & e-sign the Power Purchase Agreement(PPA).  
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Subdivision Name:  
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Connection Type: Phase  
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PIN code\* 560058  
Latitude of the installation\* 12.96977595798365  
Longitude of the installation\* 77.5848095565918  
[Locate Latitude & Longitude on Google Map](#)  
OR Use my current location

**Applicant contact details**

Email\* agmdsm2@gmail.com Mobile\* 9480812458 (OTP will be sent to this Mobile Number) Resend OTP

Verify OTP 124979

**Application Received !!**

Thank You. Your Application for Solar Rooftop Installation is with us.

Please note the Reference Number 1000005553 for tracking.

Please complete the payment & e-sign of PPA to complete your Application Registration Process

Registration Charges: Rs. 1  
Facilitation Charges: Rs.1  
E-Sign Charges: Rs.1  
SGST (@9%): Rs.0.18  
CGST (@9%): Rs.0.18  
Total: Rs.2.36

**Continue**

8. After **Click on - > Continue**. The Consumer has to make payment of fee in online mode either through net-banking, debit / credit card, UPI etc

9. After successful payment the consumer is directed to application page, where the consumer can view the Application details & Payment Details.

Application Info																																																	
Application No. 1000005553		Work Completion		Commissioning																																													
your Application is pending for e-sign of the PPA <a href="#">Proceed to ESign</a>																																																	
<div> <div>1 Application Details <span>✓</span></div> <div>2 Payment Details <span>✓</span></div> <div>3 Esign the PPA</div> </div>																																																	
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Payment details:

The screenshot shows the 'Payment Details' step of an application process. At the top, there are three tabs: 'Application Info' (selected), 'Work Completion', and 'Commissioning'. Below the tabs, the 'Application No. 1000005553' is displayed with a PDF icon. A red message states 'your Application is pending for e-sign of the PPA'. A blue button labeled 'Proceed to ESign' is visible. Below this, a progress bar shows three steps: '1 Application Details' (checked), '2 Payment Details' (checked and circled in red), and '3 Esign the PPA'. The 'Payment details' section contains a table with the following information:

Payment details	
Amount paid	2.36
Transaction Id	YHD42013290010
Transaction Ref	848847950006
Payment Date	27-Jul-2023 06:23:07 PM

10. To E-Sign the Power Purchase Agreement (PPA)

**Click on - > e-Sign the PPA.**

**Click on - > Download : to view draft PPA**

The screenshot shows the 'E-sign the PPA' step of the application process. The top tabs remain 'Application Info', 'Work Completion', and 'Commissioning'. The 'Application No. 1000005553' and the red message 'your Application is pending for e-sign of the PPA' are still present. The 'Proceed to ESign' button is also visible. The progress bar now shows '1 Application Details' (checked), '2 Payment Details' (checked), and '3 Esign the PPA' (checked and circled in red). The 'E-sign PPA Details' section contains a table with the following information:

E-sign PPA Details	
Draft PPA	<a href="#">Download</a>
Proceed ESign	<a href="#">Proceed to esign</a>

11. **Click on - > Proceed to Sign : to e-Sign the PPA.** The Consumer has to enter the name as per Aadhar card and **Click on -> Agree and Submit**

The screenshot shows the SRTPV ONLINE SERVICE portal. A modal dialog box titled "Electronic signature acknowledgement and consent !!" is displayed. The dialog box contains the following text:

I agree and understand that by signing the Electronic Signature Acknowledge and Consent Form, that all electronic signatures are the legal equivalent of my manual/handwritten signature and I consent to be legally bound to this agreement. I further agree my signature on this document is as valid if I signed the document in writing. This is to be used in conjunction with the use of electronic signature on all forms regarding any all future documentation with a signature requirement, should I elect to have signed electronically.

Under penalty of perjury, I herewith affirm that my electronic signature and all further electronic signatures, were signed by myself with full knowledge and consent and am legally bound to these terms and conditions.

Below the text, there are two input fields: "Enter Name as per Aadhaar" and "Name as Per Aadhar\*". A red circle highlights the "Agree and Submit" button at the bottom right of the dialog box.

12. The Consumer is directed to C-DAC eSign Service (from Center for e-Governance, Karnataka ). The Consumer has to enter the Aadhaar number and OTP sent to Aadhaar Registered Mobile no. **Click on - > Submit.**

The screenshot shows the CDAC's e-Sign Service portal. The page header includes the Ministry of Electronics and Information Technology, Government of India, and the Digital India logo. The main content area displays the "CDAC's e-Sign Service" section. Under "View Document Information", there are three radio buttons: "Aadhaar Number", "Virtual ID", and "UID Token". The "Aadhaar Number" option is selected. Below this, there is a text input field for the Aadhaar number. There are also radio buttons for "Aadhaar TOTP" and "Aadhaar OTP", with "Aadhaar OTP" selected. A "How to generate TOTP?" link is present. A green message bar at the bottom states "OTP has been sent to mobile number <\*\*\*\*\*8636>". Below this, there are "Submit" and "Cancel" buttons. A red circle highlights the "Submit" button. At the bottom right, there is a "Listen to Consent" button and a language dropdown menu set to "English". A "Resend OTP" link is also visible.

13. After successful verification of the Aadhaar no. by Center for e-Governance, Karnataka, the Consumer is directed to Application Page.

The screenshot shows a web application interface with three main tabs: 'Application Info', 'Work Completion', and 'Commissioning'. The 'Application Info' tab is active, displaying 'Application No. 1000005553' and a PDF icon. Below this, a green message states 'Application Registration, Payment & Esign is Successfully Completed'. A progress bar shows three steps: '1 Application Details', '2 Payment Details', and '3 Esign the PPA'. The 'E-sign PPA Details' section contains a table with the following information:

PPA Date:	27 Jul 2023
PPA Rate:	Rs. 1.00/
Esign PPA Document:	<a href="#">Download PPA</a>
Work Approval Document:	<a href="#">Download Work Approval Letter</a>

Below the table, a message states: 'Your Application is successfully registered with us. Please download the Auto-generated Approval letter for SRTPV Installation Work. Complete the SRTPV Installation work with in 150 days and submit the work completion report.'

14. The Consumer can download the e-Signed PPA in .pdf form consisting of 5 Pages.

**POWER PURCHASE AGREEMENT(PPA) FOR ROOFTOP SOLAR PV PLANTS  
WITH NET METERING**  
(Standard format Approved by KERC)  
For Capacities 1kw to 10kw as per KERC Order Dated: 01.06.2023

This Power Purchase agreement is entered into at Chitradurga Rural Subdivision on this 27-07-2023 Day of SRINIVASA S O NAGENDRAPPA -UPPANAYAKANAHALLI between Bangalore Electricity Supply Company Limited (BESCOM), a Government of Karnataka undertaking, being a Company formed and incorporated in India under the Companies Act-1956, with its registered office located at Bangalore, Karnataka State, represented by BESCOM AEE Chitradurga Rural Subdivision hereinafter referred to as the "BESCOM", (which expression shall, unless repugnant to the context or meaning thereof, include its successors and permitted assigns), as party of the first part

**AND**

SRINIVASA S O NAGENDRAPPA the consumer of BESCOM residing at (address) - UPPANAYAKANAHALLI, hereinafter, referred to as the "Seller" (which expression shall, unless repugnant to the context or meaning thereof, include his successors and permitted assigns) as party of the second part.

Whereas,

a. The Seller intends to connect and operate the Solar Roof Top Photo Voltaic (SRTPV) system with BESCOM's HT/LT Distribution system for sale of Solar Power to BESCOM, in terms of the Karnataka Electricity Regulatory Commission (KERC) Order dated: 01.06.2023.

b. The Seller intends to install a SRTPV system of 1.0 kWp capacity on the existing roof top of the premises, situated at -UPPANAYAKANAHALLI and bearing number RR. No UPNL2732 in the same premises, under Chitradurga Rural Subdivision of BESCOM.

c. The Seller intends to sell the energy, generated from the SRTPV system to BESCOM on net metering basis, from the date of commissioning of the SRTPV system.  
Explanation: the 'Commissioning' means the stage at which the SRTPV system starts generating the power for the use by the Seller and injects surplus power if any, into the grid.

d. BESCOM intends to purchase the energy, generated by such SRTPV system, on Net-metering basis, at the tariff determined by the KERC. Now therefore, in consideration of the foregoing premises, the parties, hereto, intending to be legally bound, hereby agree as under:

**1. Technical and Interconnection Requirements:**  
Seller shall ensure his SRTPV system complies with the following technical and interconnection



15. The last page of the PPA has to be verified for validity.

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

**10. Dispute Resolution:**

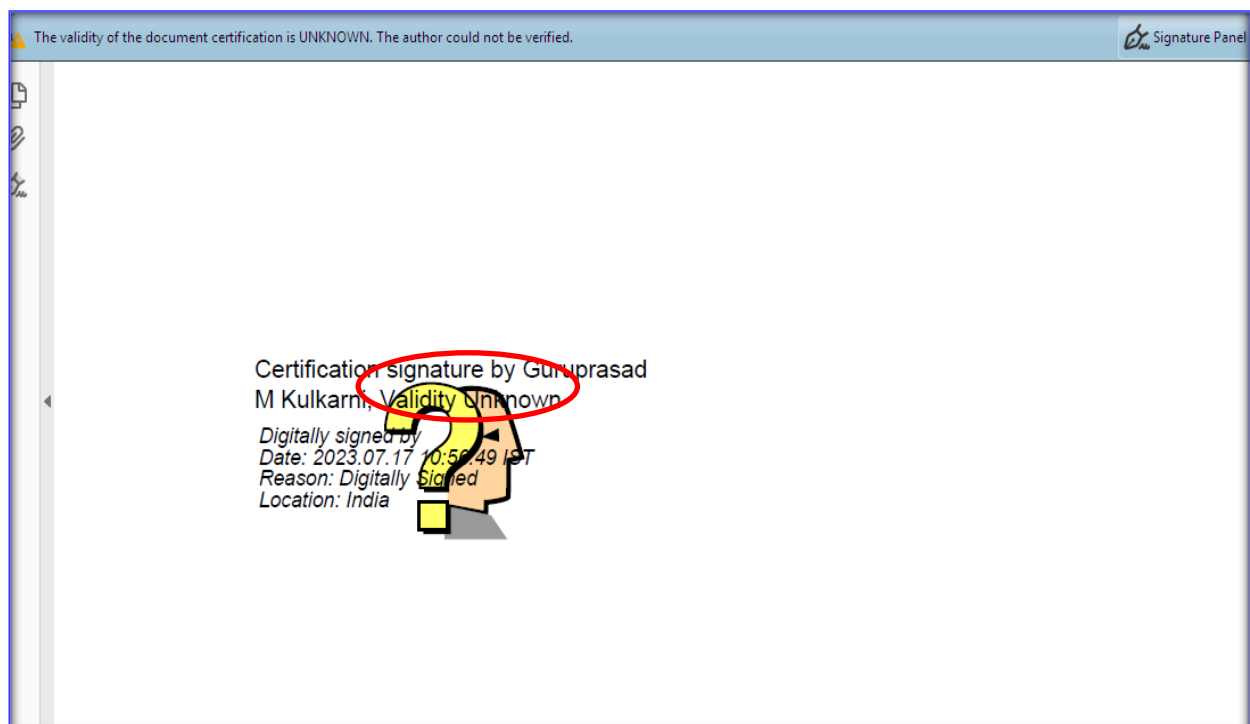
All the disputes between the parties arising out of or in connection with this agreement shall be first tried to be settled through mutual negotiation.

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

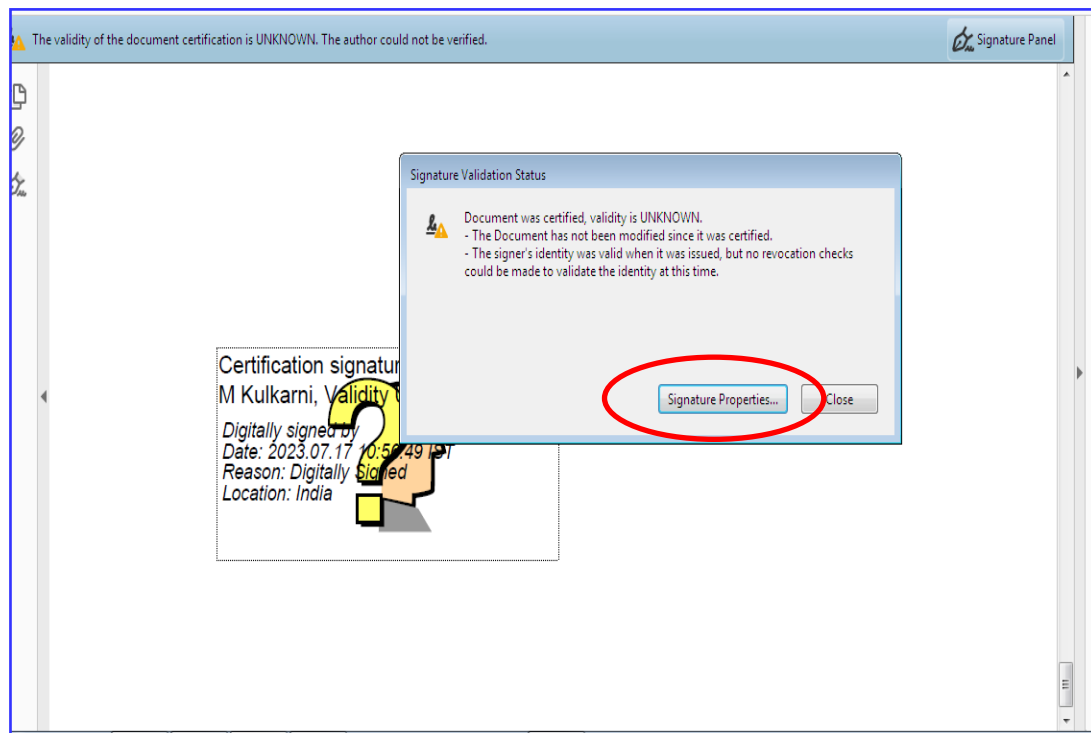
In case of failure to resolve the dispute, either of the parties may approach the appropriate Forum.



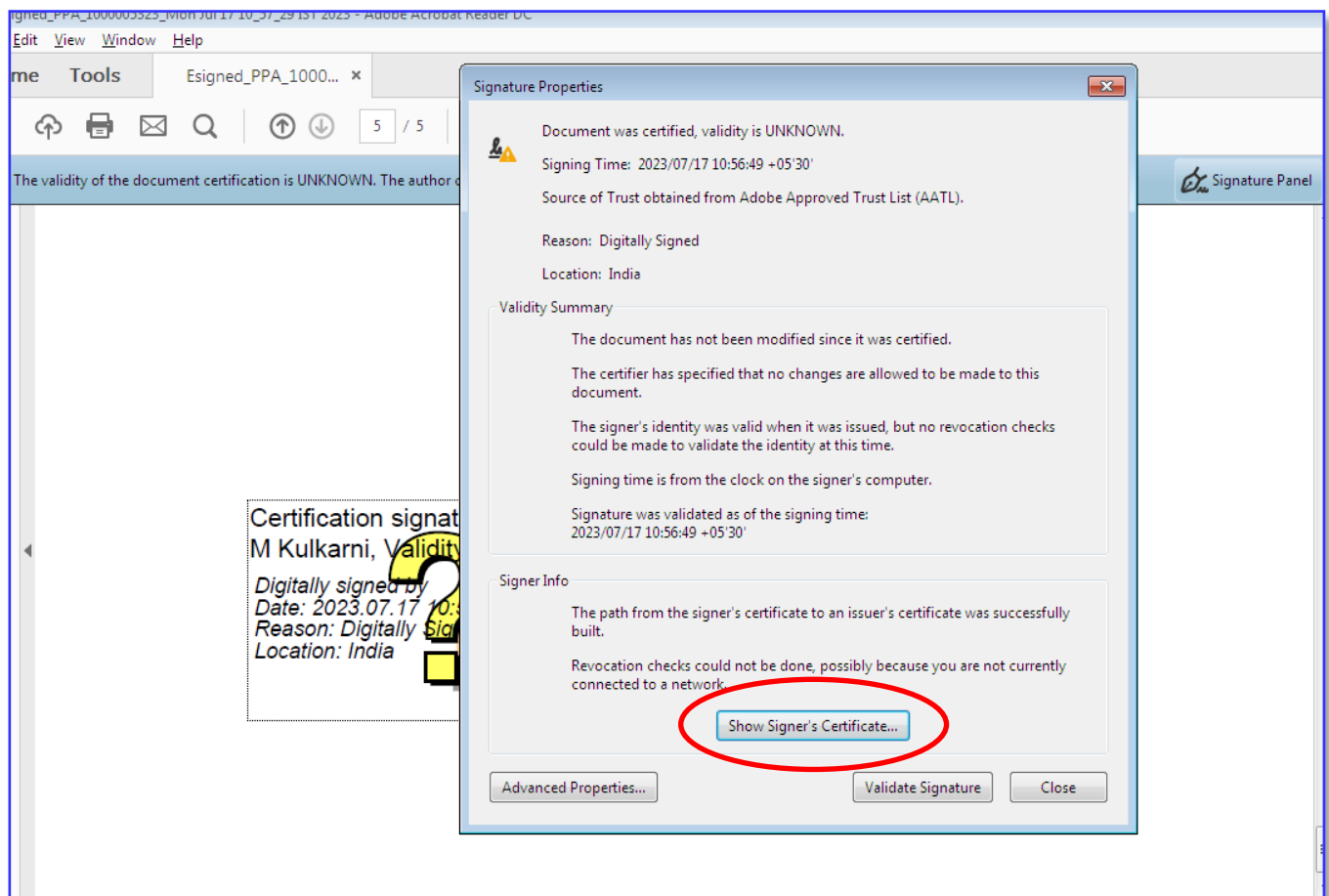
16. **Right click on “VALIDITY UNKNOWN”**, to set the certificate properties in system



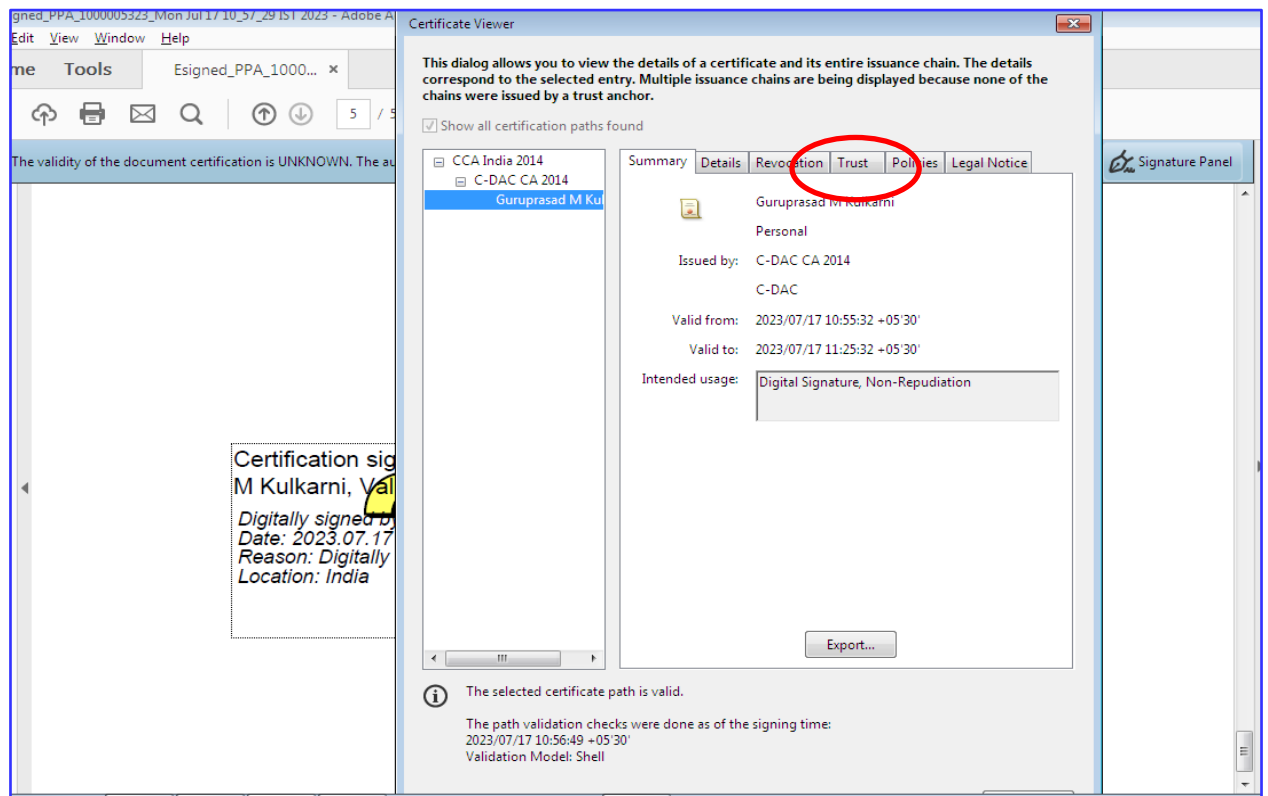
## 17. Click on -> Signature Properties.



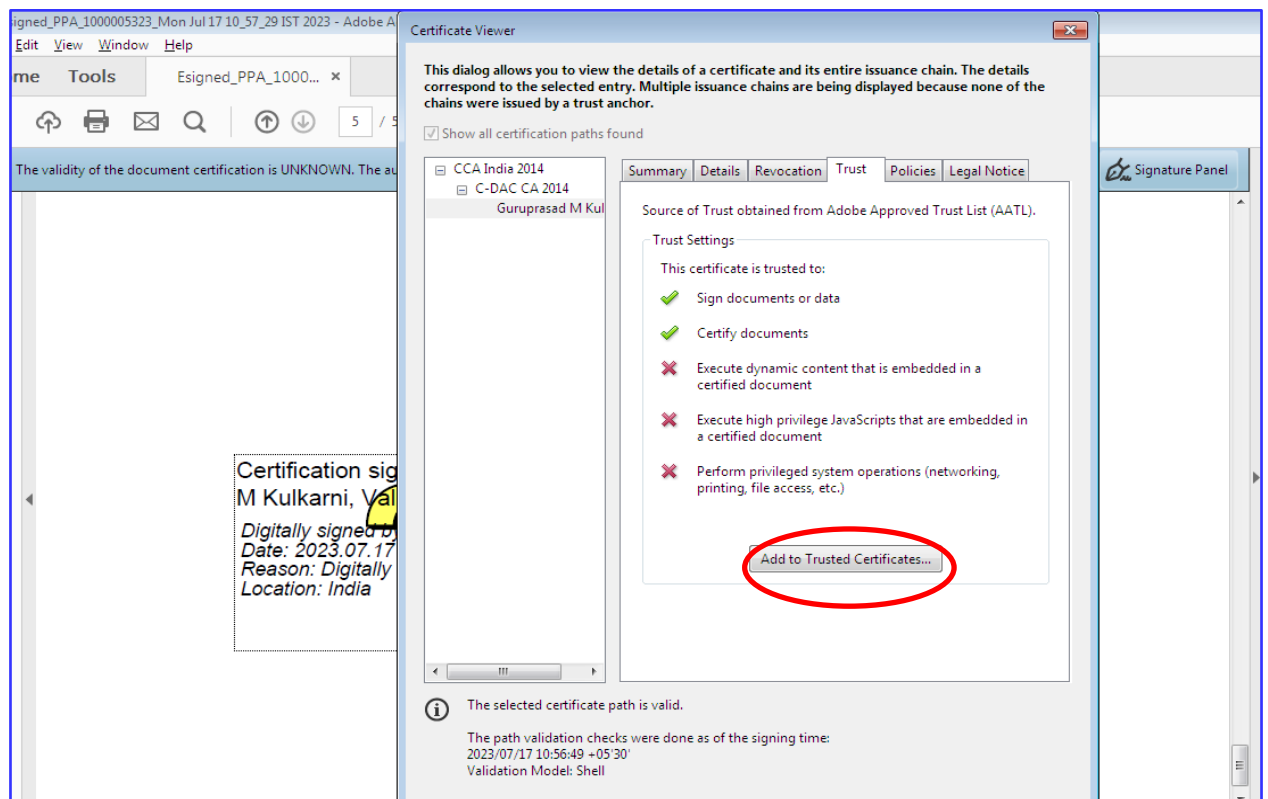
## 18. Click on -> Show Signature Properties



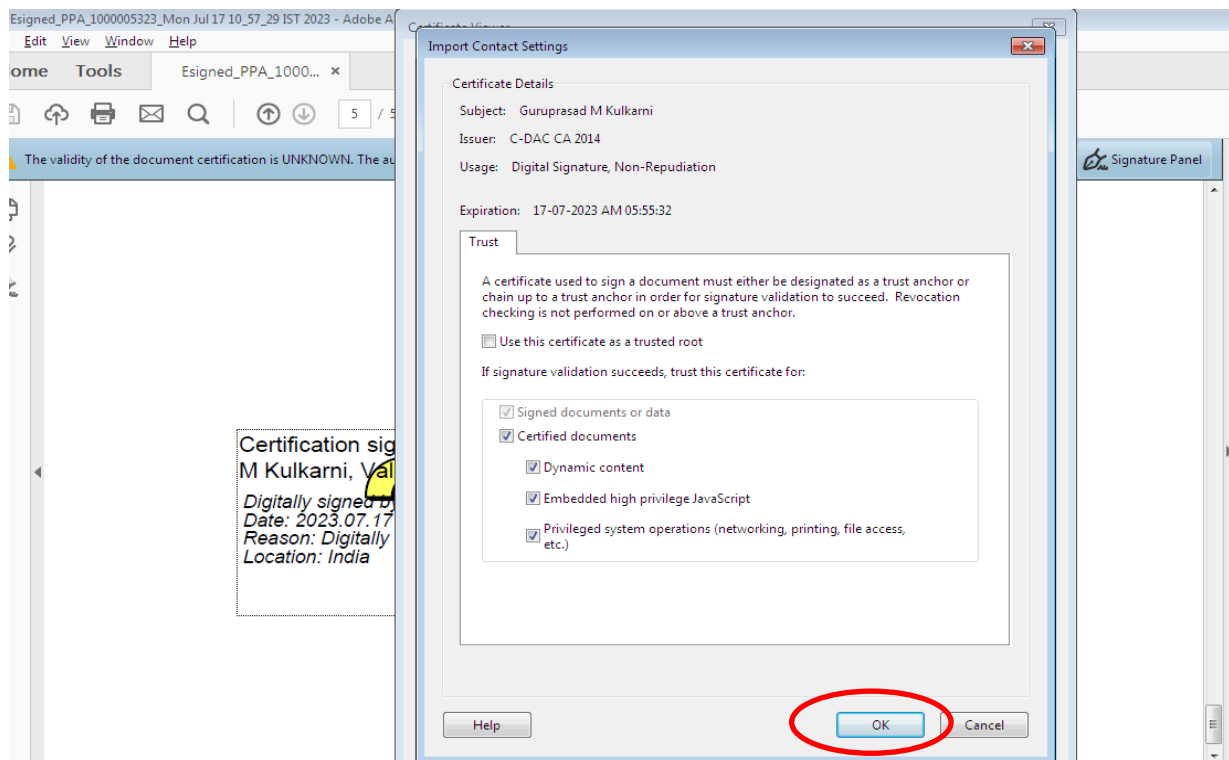
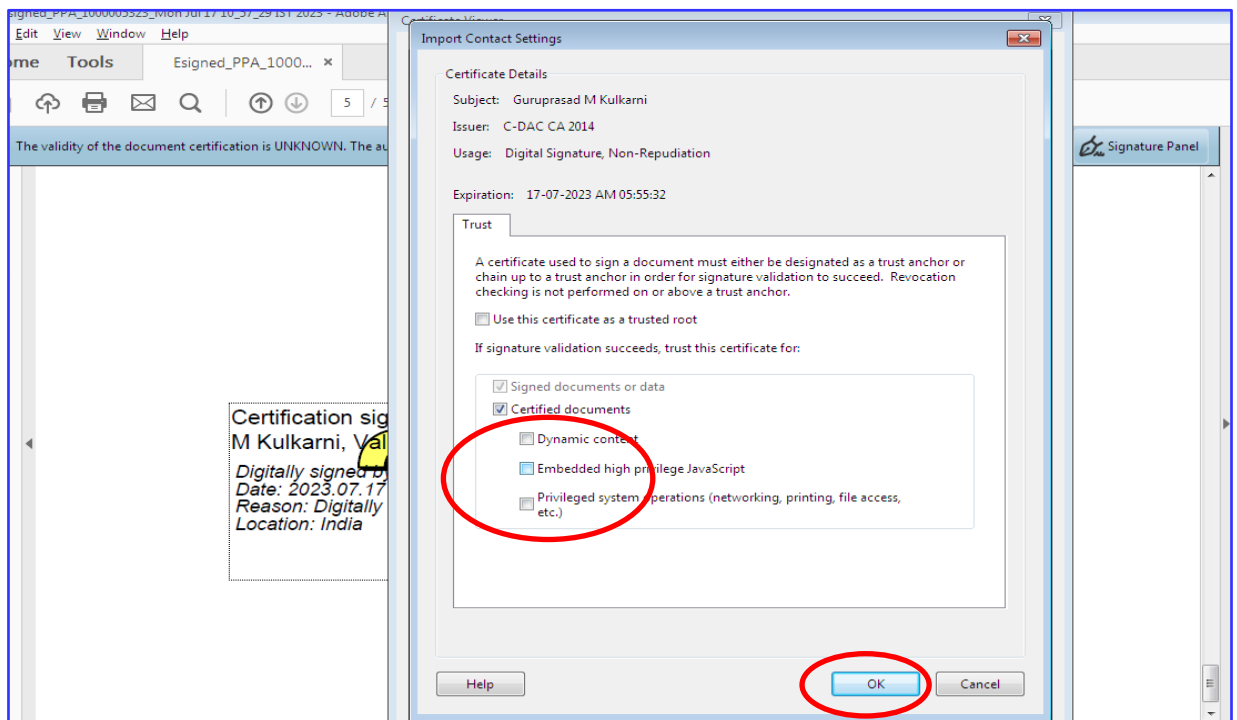
## 19. Click on -> Trust Tab



## 20. Click on -> Add Trusted Certificate

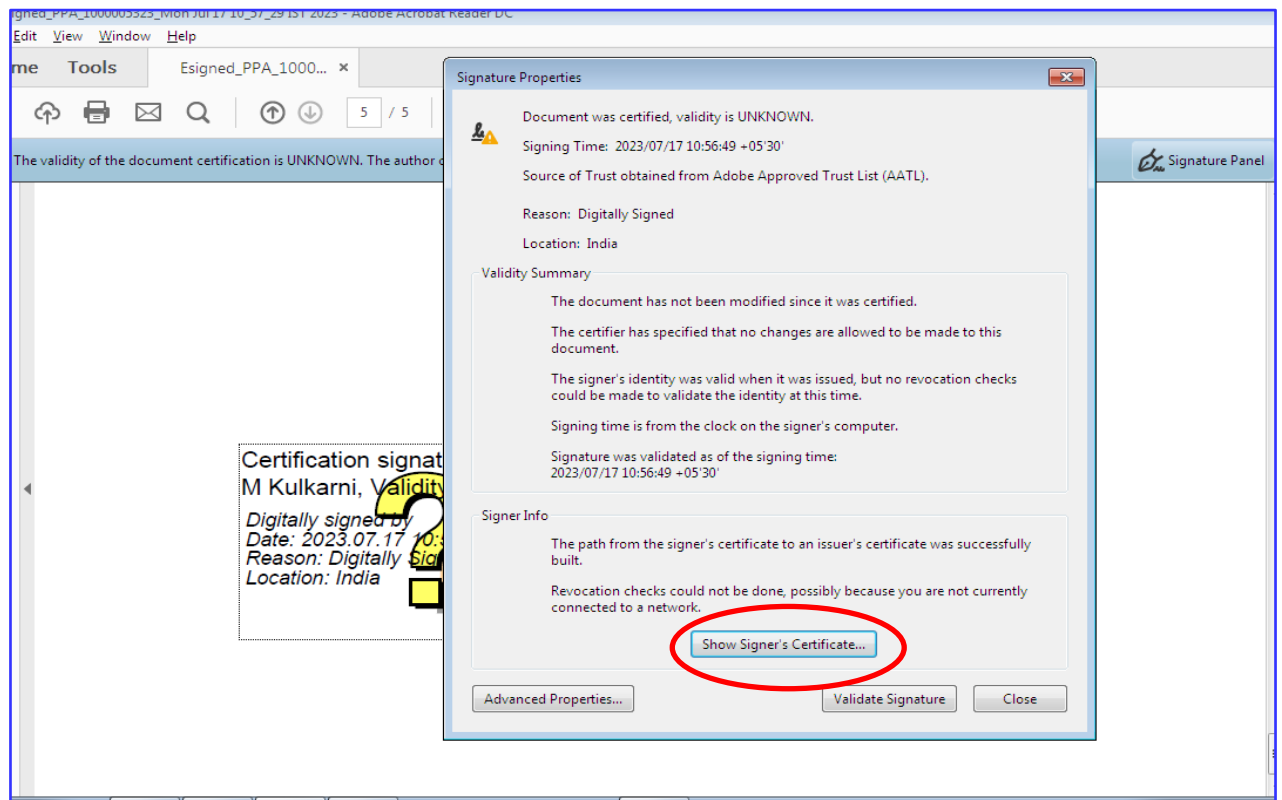


21. **Select -> dynamic content, Embedded high privilege JavaScript & privileged system operation. Click on -> OK**

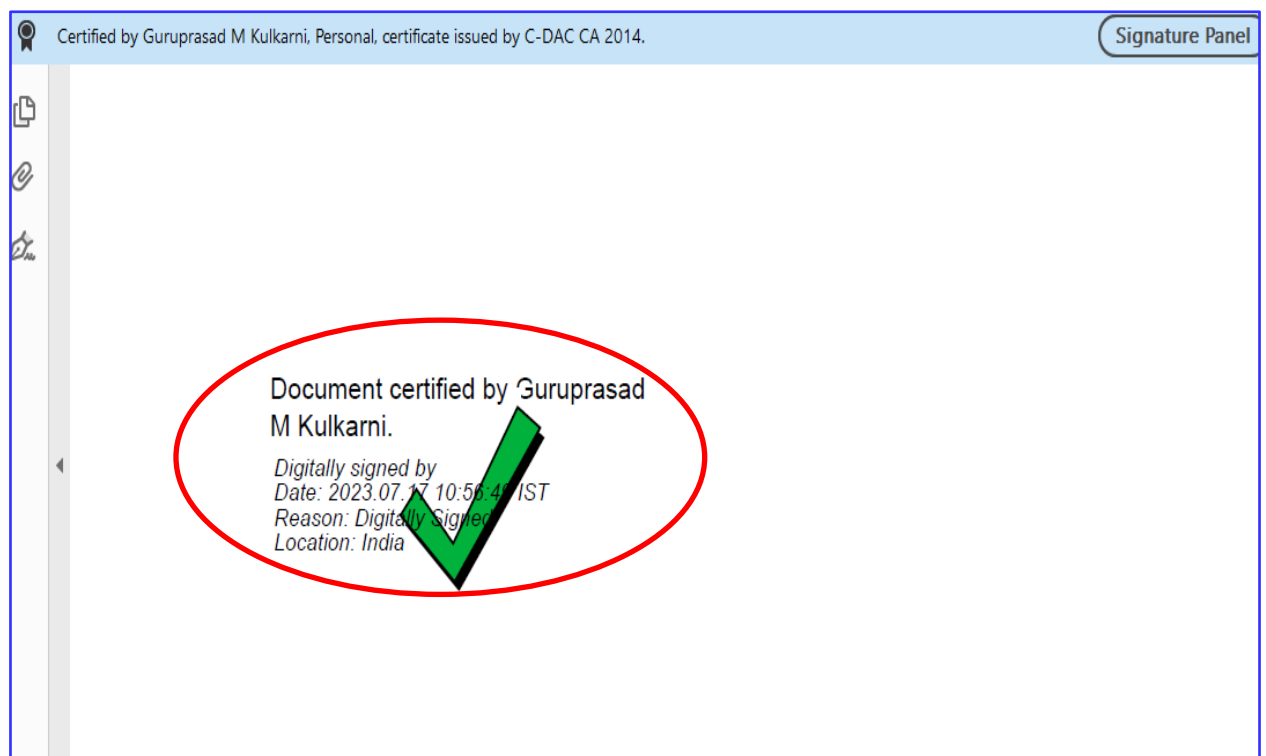




## 22. Click on -> Validate Signature



## 23. Signature set valid



24. The Consumer can download the auto generated work approval letter for installation of Solar

The screenshot shows a web portal for BESCOM with three tabs: 'Application Info', 'Work Completion', and 'Commissioning'. Under 'Application Info', the application number is 1000005553. A green message states 'Application Registration, Payment & Esign is Successfully Completed'. Below this, three steps are listed: '1 Application Details', '2 Payment Details', and '3 Esign the PPA'. The 'E-sign PPA Details' section contains a table with the following information:

PPA Date:	27 Jul 2023
PPA Rate:	Rs. 4.87
Esign PPA Document:	<a href="#">Download PPA</a>
Work Approval Document:	<a href="#">Download Work Approval Letter</a>

Below the table, a message reads: 'Your Application is successfully registered with us. Please download the Auto generated Approval letter for SRTPV Installation Work. Complete the SRTPV Installation work with in 150 days and submit the work completion report.'



**BANGALORE ELECTRICITY SUPPLY COMPANY LIMITED**

Wholly owned Govt. of Karnataka Undertaking

Ref:

Date: 27.07.2023

To, SRINIVASA S O NAGENDRAPPA-UPPANAYAKANAHALLI Madam/Sir,

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

1. Application Reg No. 1000005553 dated 27.07.2023
2. PPA executed date: 27.07.2023

With reference to your SRTPV application, Approval is herewith accorded for PPA executed on 27.07.2023 for Solar RTPV system of 1.0kWp 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.

25. The Consumer has to submit the Work Completion Report . i.e details of Solar PV module ( Make, Sl no, capacity of each module etc), Grid tied inverter (Make, Sl no, Capacity of each inverter), Bi-directional meter ( Make, Make, Sl no, Capacity).

Application Info      **Work Completion**      Commissioning

Application No. 1000005553      Feasible Solar capacity in kWp : 1.0

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								

Total PV Panel capacity (in kWp) 0

**Inverter**

Sl. No.	Make of the Inverter	Type of the Inverter	Capacity of the Inverter (VA)	No. of Inverters	Sl. No. of Inverters (Comma separated)	Total capacity of this make, type & capacity	Add	Delete
1								

Total Inverter capacity (in VA) 0

**Bi-directional meter details (Test report of bi-directional meter issued by MT division, BESCOM to be uploaded)**

Sl. No.	Particulars
1	Make
2	Type
3	Sl. No.
4	Phase
5	CT Ratio
6	PT Ratio
7	Date of Test by MT Division
8	Meter Testing Report (PDF less than 2 MB)

Main Meter

Choose File      No file chosen

26. The consumer has to declare in the Work Completion report that other equipment's such as cables, AJB, are installed as per Technical Specification and has to enter the System installer details Firm name, GST registration no along with an declaration form and to **Click on -> Submit**

**Declaration**

☐ I declare that other equipment such as DC/AC Cabels, AJB/DC distribution box, Earthing (resistance with in limit), DC/AC Surge arrestor are installed as per BESCOM Technical Specification

**System Installer Details**

System Installer Firm Name

System Installer Firm GST Number

Undertaking form (Download here)

Choose File      No file chosen

**Submit**      Clear

27. The consumer shall execute the Supplementary PPA duly e-Signed in case of capacity variation, name change etc

**NET METERING**

**SUPPLEMENTARY POWER PURCHASE AGREEMENT(SPPA) FOR ROOFTOP SOLAR PV PLANTS WITH NET METERING**

This Supplemental Power Purchase Agreement(SPPA) is entered into at Bangalore on this .....between Bangalore Electricity Supply Company Limited, Bangalore(BESCOM, Bangalore), a Government of Karnataka undertaking, being a Company formed and incorporated in India under the Companies Act-1956, with its registered office located at ..... Subdivision (Subdivision code.....), Bangalore, Karnataka State represented by Assistant Executive Engineer, BESCOM, Bangalore hereinafter, referred to as the "BESCOM, Bangalore" (which expression shall, unless repugnant to the context or meaning thereof, include its successors and permitted assigns) as party of the first part.

**AND**

..... the consumer of BESCOM residing at ..... hereinafter, referred to as the "Seller" (which expression shall, unless repugnant to the context or meaning thereof, include his successors and permitted assigns) as party of the second part.

Whereas,

a. The Seller intends to connect and operate the Solar Roof Top Photo Voltaic (SRTPV) system with BESCOM's HT/LT Distribution system for sale of Solar Power to BESCOM, in terms of the **Karnataka Electricity Regulatory Commission's (KERC) Order dated: 01.06.2023.**

**PREAMBLE:**

1) The Seller had executed the PPA on ..... to sell the net energy, exported from the SRTPV system of ..... kWp capacity at the tariff of Rs ..... per unit for a period of 25 years from the date of commissioning of SRTPV plant as per KEREC tariff order dated: .....

2) As per the request of Seller, due to non-availability of the PV modules of PPA executed capacity of .....kW, at present pandemic condition of COVID-19, this SPPA is executed for ..... capacity at the tariff of Rs ...

For having agreed the aforesaid terms by SELLER and BESCOM Clause b of Power Purchase Agreement executed on date....., shall be replaced with following Clause.

28. The consumer shall enter the OTP sent to registered mobile no.,  
**Click on -> Submit.**

**Declaration**

☐ I declare that other equipment such as DC/AC Cables, AIB/DC distribution box, Earthing (resistance within limit), DC/AC Surge arrestor are installed as per BESCOM Technical Specification

**System Installer Details**

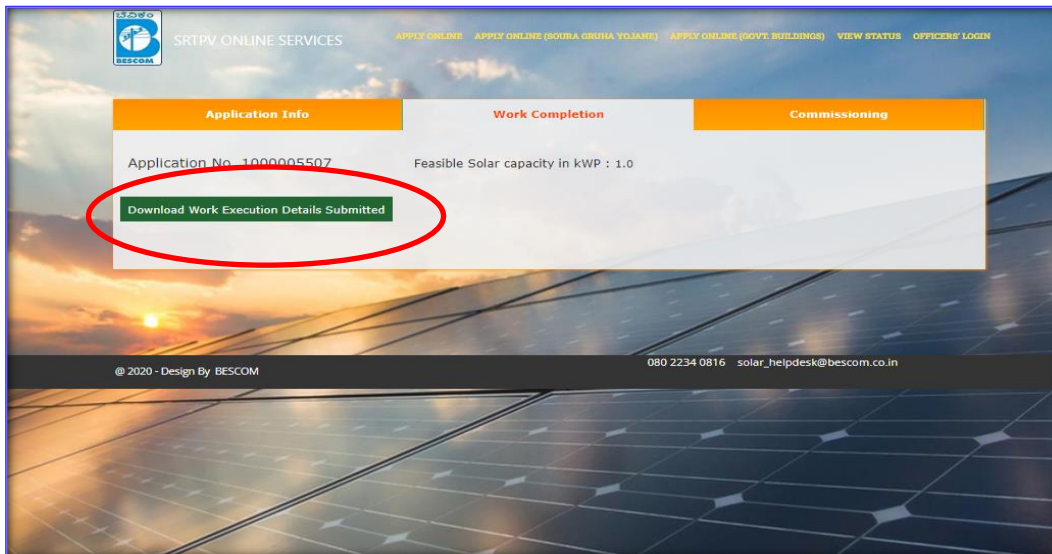
System Installer Firm Name

System Installer Firm GST Number

Undertaking form (Download here)  No file chosen

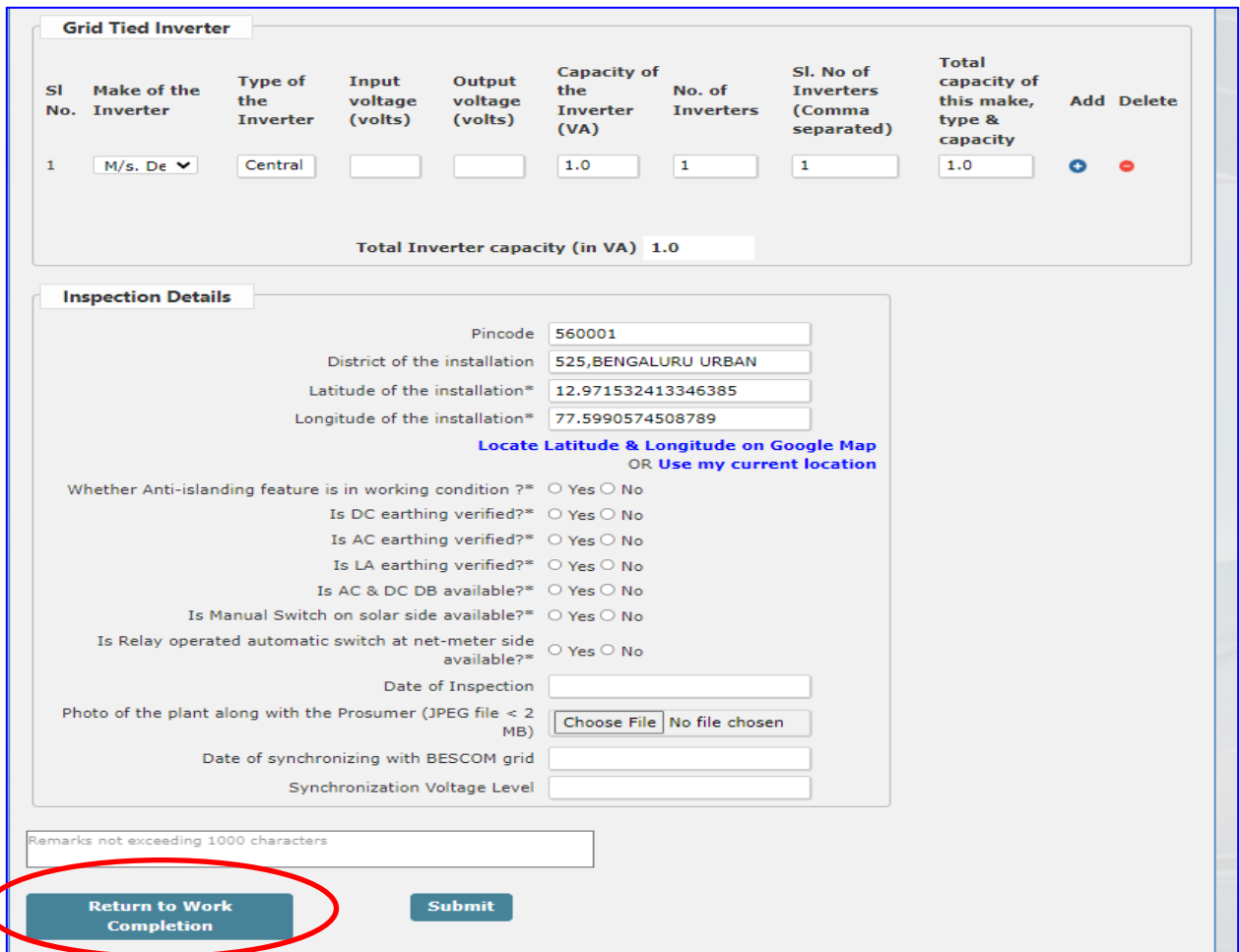


30. Also can download the work completion report.




The screenshot shows the BESCOM SRTPV ONLINE SERVICES portal. The 'Work Completion' tab is active. The 'Application No.' is 1000005507. The 'Feasible Solar capacity in kWp' is 1.0. A green button labeled 'Download Work Execution Details Submitted' is highlighted with a red circle. The footer includes the text '@ 2020 - Design By BESCOM' and contact information '080 2234 0816 solar\_helpdesk@bescom.co.in'.

31. After submission of work completion report, in case of any observations at the time of inspection the Concerned AEE/EE can return back the step. After attending necessary observations the consumer shall resubmit the work completion.



The screenshot shows the 'Grid Tied Inverter' and 'Inspection Details' sections of the BESCOM SRTPV ONLINE SERVICES portal. The 'Grid Tied Inverter' section displays a table with columns: SI No., Make of the Inverter, Type of the Inverter, Input voltage (volts), Output voltage (volts), Capacity of the Inverter (VA), No. of Inverters, SI. No of Inverters (Comma separated), Total capacity of this make, type & capacity, Add, and Delete. The table contains one row with the following data: SI No. 1, Make of the Inverter M/s. De, Type of the Inverter Central, Input voltage (volts) (empty), Output voltage (volts) (empty), Capacity of the Inverter (VA) 1.0, No. of Inverters 1, SI. No of Inverters (Comma separated) 1, Total capacity of this make, type & capacity 1.0. Below the table, the 'Total Inverter capacity (in VA)' is 1.0. The 'Inspection Details' section contains fields for Pincode (560001), District of the installation (525,BENGALURU URBAN), Latitude of the installation\* (12.971532413346385), and Longitude of the installation\* (77.5990574508789). There are links to 'Locate Latitude & Longitude on Google Map' and 'Use my current location'. Below these are several checkboxes for inspection details: 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?\*, and Is Relay operated automatic switch at net-meter side available?\*. There are also fields for 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, and Synchronization Voltage Level. At the bottom, there is a 'Remarks not exceeding 1000 characters' field and two buttons: 'Return to Work Completion' (highlighted with a red circle) and 'Submit'.

32. After Commissioning of SRTPV plant the consumer shall download auto generated Synchronization certificate.

Application Info	Work Completion	Commissioning
<p>Application No. 1000005668 Feasible Solar capacity in kWP : 0.9</p> <p><b>**There is already 0.9 Kwp Solar Commissioned on this Account ID</b></p>		
<div><div>Feasibility </div><div>Commissioning</div></div>		
<div><div>Download Commissioning Details</div><div>Download Synchronization Certificate</div></div>		