

Process for installation of Rooftop Solar system at Residential premises through National Portal

The applicants willing to install rooftop solar system in residential sector under simplified procedure will be required to apply online through National Portal of MNRE which can be accessed at: <https://solarrooftop.gov.in>. In order to register at National Portal, the applicant will require an active mobile number and an active e-mail id.

The entire process has been explained in the following steps.

Step-1: Registration on the National Portal by selecting the local Distribution Company or Electricity department, as the case may be, referred as DISCOM, and entering Electricity connection number / Consumer number (mentioned in electricity bill), email id and mobile number.

Step-2: After successful registration the applicant will have to enter details such as, name on electricity bill, address, capacity of proposed rooftop solar system and details of existing rooftop solar system capacity installed, if any. The applicant also has to upload copy of latest electricity bill.

Step-3: Application will be forwarded to the DISCOM for technical feasibility approval as per prevailing regulations. The technical feasibility approval or rejection, as the case may be, will be informed to the applicant through email.

Step-4. On receipt of feasibility approval from DISCOM, the applicant can proceed to install rooftop solar system. It is mandatory to get the rooftop solar system installed from any of the vendor registered/empanelled with DISCOM. Ministry has specified minimum technical specifications and standards for rooftops solar systems, which are to be followed. The applicant will have the option to choose equipment of higher quality/efficiency. The domestically manufactured solar modules using domestically manufactured solar cells should only be used by the applicant. In addition, the inverter should also be BIS certified.

Step-5: On completion of installation of rooftop solar system, the applicant has to submit project completion details for net-metering and approval. Applicant also has to apply for net-metering. The net-metering application will be forwarded to DISCOM and applicant has to follow instructions of DISCOM regarding payment of net-metering charges, signing of net-metering agreement, etc., as applicable.

Step-6: DISCOM officials will install the net-meter and inspect the system for fulfilment of minimum technical specifications and standards.

Step-7: Upon successful inspection and installation of net-meter, commissioning certificate would be generated online by DISCOM.

Step-8: Applicant has to submit bank details and upload copy of cancelled cheque. The fund handling agency will release the central Government subsidy directly into the bank account.

The details of central Government subsidy available under simplified procedure are as follows:

Plant Capacity	Applicable Subsidy
Up to 3 kW	Rs. 14588/- per kW
Above 3 kW and up to 10 kW	Rs. 14588/- per kW for first 3 kW and thereafter Rs. 7294/- per kW
Above 10 kW	Rs. 94822/- fixed
For Resident Welfare Associations (RWA)/ Group Housing Societies (GHS)	Rs. 7294/- per kW For common facilities up to 500 kWp @ 10 kWp per house, with the upper limit being inclusive of individual rooftop plants already installed by individual residents in that GHS/RWA at the time of installation of RTS for common activity.

Mandatory Conditions: For availing CFA/subsidy through the National Portal, it is essential to install the rooftop solar plant through registered vendors of the concerned DISCOM and as per the guidelines and technical specifications issued by MNRE. In addition, only indigenously manufactured solar panels/modules (both solar cells and modules shall be made in India) shall be used for installation of the rooftop solar plant.

Empanelment of Vendors: The process of empanelment of vendors for the installation of Solar Rooftop plants in residential sector through the National Portal is being carried out by UPNEDA. This involves the submission of Performance Bank Guarantee (PBG) of Rs 2.5 lakhs, which is valid for five years, as well as the submission of the required declaration format and other documents. The online application process for empanelment can be accessed at <https://upnedasolarrooftopportal.com/>.

Calculation of CFA/subsidy: The CFA/subsidy would be calculated on the basis of total solar module capacity/solar inverter capacity/capacity approved by DISCOM, whichever is lower.

State Subsidy:

Apart from Central Subsidy State Government will provide subsidy of Rs 15000/KW to a maximum limit of subsidy Rs 30000/- per consumer. The State Subsidy will be disbursed by UPNEDA to all the consumers who are eligible for getting the central subsidy.