

## **Guidelines for customers/ beneficiaries for installation of Roof Top Solar Power Plants under Net Metering:**

- i. The applicants / beneficiaries shall install the roof top solar power plants as per MNRE,GOI / Bid Document specifications and ensure the quality of the solar panels, G.I structure, cables and Grid Tied invertors at their own and obtain IEC certificate, Test reports and warranty certificates of the products from the companies as per MNRE,GOI standards/ certifications. The structure/ stand for modules should be made of Galvanized Iron.
- ii. The applicants / beneficiaries may contact and negotiate with at least 3 companies for purchase & installation of Roof Top solar power plants. The list of manufacturers has been uploaded on the website.
- iii. Roof top solar power plants up-to maximum of 80% capacity of sanctioned electricity load can be installed but solar plant as per actual requirement should be installed. Capacity of required plant shall be calculated as under :  
Total annual electricity consumption of house/building = .....KWh = (A)  
Per day electricity consumption =  $A/365$  = (B)  
Actual Plant capacity =  $B/4$  = .....KW
- iv. The Applicant shall get prepared single line diagram of synchronization and protection arrangements from the manufacturer / supplier and submit the same for installation of bi-directional meter..
- v. The applicants shall abide by the guidelines on Net Metering for Grid Interactive Roof Top Solar Photo voltaic Power Plants issued by Govt. of Punjab / PSERC / PSPCL which are uploaded on this Website.
- vi. The Consumer shall deposit the processing fee of Rs. 50/KVA/KW or part thereof subject to maximum of Rs. 10,000/- in the concerned DS/Subdivision for grant of permission to setup the plant on first come first serve basis. The consumer shall also sign supplementary agreement with PSPCL. The specimen of agreement and guidelines can be seen on website.
- vii. After installation of Roof top solar Power Plant, Applicant has to deposit fee for Bi directional Meter in the concerned DS/Subdivision office of PSPCL and submit the report on website.

- viii. The consumers are advised not to pay 100% advance payment to the companies for installation of roof top solar power plant and fix terms and conditions of the payment and sign an agreement in this regard. The receipt of the payment must be taken.
- ix. The consumers must take the Copy of Bill, IEC / BIS certificate, test reports for each component and Warranty Certificate for 5 years for complete system. Performance certificate of 25 years for solar modules and O& M manual should also be taken from the company installing the plant.
- x. Detailed specifications can be seen on this website in and MNRE,GOI specifications / guidelines may also be seen on [www.mnre.gov.in](http://www.mnre.gov.in).
- xi. The consumers shall be fully responsible for purchase and installation of their systems and PEDDA shall not be held responsible for any kind of deficiency / laps in the goods and services.