

# Punjab Energy Development Agency

Solar Passive Complex, Plot No. 1 & 2, Sector 33-D, Chandigarh

## FARMERS SOLAR POWER SCHEME – 2015

[Opening Date 30.09.2015, Closing Date 21.10.2015]

Applications are invited from land owning farmers for setting up of solar photovoltaic power plants in the State for a total capacity of 500MW with minimum plant capacity 1MW and maximum plant capacity 2.5MW.

- The application form along with the Scheme can be obtained from designated branches of HDFC Bank at District / Sub-Division Level, District's Suwidha Centers and PEDA office at Chandigarh on payment of Rs. 100/-.
- The complete application form along with requisite fee and documents should be submitted by 4:00PM on 21.10.2015 with designated branches of HDFC bank in Punjab/Chandigarh at district / sub-division level only.
- The scheme is also displayed at <http://www.peda.gov.in>
- The selection for allotment of Solar Power Plants will be done on the basis of net tariff arrived after discount offered by the applicants on generic tariff i.e. Rs. 7.04/Kwh approved by Punjab State Electricity Regulatory Commission (PSERC) for current financial year 2015-16.
- The successful applicants will sign Power Purchase Agreement (PPA) with Punjab State Power Corporation Ltd. (PSPCL) for sale of power at net tariff for a period of 25 years from the date of commissioning of plant.
- The sealed applications shall be opened on a date which shall be duly notified on the website [www.peda.gov.in](http://www.peda.gov.in) in the presence of applicants, who chose to be present.
- PEDA reserves the right to accept or reject any application and to annul the selection procedure at any time, without incurring any liability and without assigning any reason thereof. **Incomplete application forms will be rejected.**

**CHIEF EXECUTIVE  
PEDA**

### **Scheme for Allocation of Solar Power Projects to Land Owning Farmers.**

Hon'ble Prime Minister of India has vision of 100 gigawatt (GW) solar energy by 2022, which was reflected in the budget speech of the Hon'ble Finance Minister of India, based on which Ministry of New and Renewable Energy, Govt. Of India has increased its target to 100GW. Its benefits would stretch beyond energy security and environmental protection. It could create a million green jobs in India, where large scale unemployment is one of the top socio-economic issues. As part of the National programme, Punjab plans to achieve Solar Cap. 5400 MW by 2022.

As provided in the NRSE Policy-2012 and subsequent amendment, this scheme is introduced for allocation of Solar Power Projects to the land owning farmers of the state of Punjab.

The Government of Punjab endeavors to promote solar energy projects by land owning farmers with a minimum capacity of 1MWp to a maximum capacity of 2.5 MWp (per land owning farmer) in the state for sale of power to Punjab State Power Corporation Ltd. (PSPCL) at applicable generic tariff determined by Punjab State Electricity Regulatory Commission (PSERC) on annual basis. With Solar Power Projects located closer to the agriculture loads in distribution / transmission network, distribution losses will be reduced considerably and voltage drop at peak day time load will be minimized along with power supply and power factor improvement . These small solar PV systems shall act as a micro distributed utility at farm level. The solar power generation shall be available for enabling the agriculture pump-sets loads to be operated during the daytime, thereby allowing the utility to dispatch the power so saved from their central generating station to other area.

#### **Nodal Agency**

PEDA shall be the nodal agency for implementation of this special scheme. Project application processing & allocation shall be with PEDA while administration of Power Purchase Agreements (PPA) shall be with PSPCL. PEDA will also facilitate the farmers regarding documentation for the projects.s

#### **Capacity Target**

The cumulative capacity under this scheme shall be 500MW.

#### **Evacuation facilities**

Govt. of Punjab (GoP) shall facilitate purchase of energy generated under this scheme by PSPCL through power purchase agreements of 25 years duration. PSPCL shall be responsible for providing connectivity of the solar PV power generating station at the nearest grid sub-station with the grid and provide interconnectivity from the last H pole/tower of the 11 KV/66KV evacuation line inside the Grid sub/station and 11 KV/66KV switchgear along with metering system in the grid. All works including construction of bay/providing

breakers/metering system inside the PSPCL grid sub station shall be carried out by PSPCL at their own cost. The farmer shall bear the total cost of the 11 KV /66KV line for evacuation of power from the Out Door Yard of the project to the nearest 66KV sub-station which can be got constructed by the farmer from PSPCL on deposit job work basis.

### **Eligibility, Terms & Conditions**

1. Farmer holding agriculture land in their name having valid & duly certified enters in Jamabandi for the last three years from date of issue of this scheme shall be eligible for allocation of projects. If the land is transferred on succession / will basis then the time of holding of the land of the person from whom land has been transferred on account of succession / Will shall be counted towards eligibility of three year time period of the applicant.
2. Farmer / Group of Farmers can also form a company for applying and or implementation of the project.
3. The minimum capacity that can be allocated is 1MWp and maximum is 2.5 MWp for each farmer/Company, formed by the farmers.
4. The existing land use as per revenue records should be for Agriculture/Horticulture/ Farming including irrigated & non-irrigated area.
5. The applicant has to furnish the certified copy of the land ownership documents as proof of land holding of the total required land for the applied capacity. The minimum land required is 4.5 acres for 1MWp proportionately of higher capacity.
6. If the land holding is held jointly each of the joint holder is individually also eligible to apply for minimum 1MW to maximum 2.5 MW depending upon the extent of required land. Provided that Husband & Wife will be individually or jointly eligible to apply for max 2.5 MW only.
7. The following committee will scrutinize the application and verify the original documents before short listing of eligible applicants and final allottees: -
  - Director PEDDA, Joint Director PEDDA, Senior Manager Finance, Representatives of Revenue Department (Not below the rank of DRO.) Representatives of Finance Department (not below the rank of Deputy. Secretary), Representatives of PSPCL (not below the rank of Deputy Chief Engineer).
8. The application fee of Rs.50,000/- (Non refundable) shall be submitted through Draft with the printed application along with the certified copy of the ownership documents. The farmer has also to furnish a processing fee of Rs. 2,00,000/- per MW to PEDDA along with application in the shape of separate demand draft. In case the farmer does not gets the allotment, the processing fee shall be refunded.
9. Allotment shall be made by the project allotment committee notified in the NRSE policy 2012. On the basis of discount given on the generic tariff announced by

PSERC for 2015-16 along with the application. Higher the discount higher shall be the merit position of the applicant for project allotment.

10. In case, two or more applicants are offering the same tariff of more capacity then the balance left over capacity, then the selection shall be based on technical capability, understanding or knowledge of the project, resource position, qualification & experience, performance of the applicant during the interview and social support if any extended to the village & its residents. This selection shall be done by the following committee headed by the
  - Chief Secretary, and comprising Principal Secretary to CM, Principal Secretary Power, Principal Secretary NRSE, Principal Secretary Finance, CMD PSPCL, Chief Executive PEDDA (Convener).
11. A List of all eligible applicants and allottees will be displayed on the website of PEDDA.
12. In Case the allottee is not given technical feasibility clearance by PSPCL/ Transmission line laying constraints or due to other reasons which are beyond the control of the allottee, then the project allotment committee under NRSE policy 2012 can consider to allow allotted Farmer to implement the project at a new site in the state through a joint venture with other farmers.
13. The farmer can also form a company after project allocation but before signing of the IA to implement the project. The farmer allotted the project will have to continuously hold 51% equity/share/ownership/stake in the project till 7 years from the date of signing of the PPA.
14. The allottee shall enter into PPA for a period of 25 years (effective from the date of commissioning of the project) at the net availed tariff arrived after giving discount on the Generic tariff for solar PV projects as determined by PSERC applicable for that year of allocation of the project. The signing of IA shall be completed in 45 days and thereafter signing of PPA will be completed in 60 days from the date of allotment.
15. The allottee shall furnish the financial closure documents, technical feasibility clearance and final technology selection documents within 120 days of signing of PPA.
16. PEDDA and Punjab Bureau of Investment Promotion shall facilitate the grant of statutory clearances to the projects.
17. PEDDA will forward the proposals as and when received to MNRE, GoI, for extending Excise & Customs duty benefits etc. as applicable.
18. The allottee must complete the project within the stipulated time as mentioned in the allotment letter, However extension can be sought for 30 days in the first instance on a payment of a fee of Rs. 5000/day/MW. Another extension may be granted for

another period of maximum 60 days but not later than 31 March on a payment of a fee of Rs.10,000/day/MW. After which no further extension shall be given and the PPA shall stand canceled as the tariff control period expires as per CERC/ PSERC Regulations. However in case the PSERC extends the applicability of tariff or derives a new tariff for the next control period the PPA will be extended accordingly on a case to case basis.

19. The Change of Land use allowed for Agriculture/ Horticulture land for installation of SPV shall revert back to Agriculture / Horticulture on completion of the Project period or in the event the Project is removed from the site.
20. Canal water connection and supply schedule shall remain as it is in the name of the farmer.
21. In case two or more applicants setup the project in adjoining lands then the power can be evacuated through double circuit 11KV Transmission Lines.
22. Farmer who are successful in getting project allotments shall also have the option to jointly setup a SPV company before signing of IA with controlling share holding of 51% to be held by the allottees in the same proportion as the project allotment capacity. In such case a single IA shall be signed with PEDDA and a single PPA shall be signed with PSPCL by the SPV company for a maximum capacity of 25MW. Power can be evacuated from this project through a 66KV transmission line to the nearest technically feasible PSPCL sub-station. The power evacuation and transmission shall be subject to technical feasibility clearance by PSPCL.
23. Allottees who have projects in the same village or adjoining villages shall also have the option to setup a common 66KV pooling sub-station for evacuation of power from their independent projects through a common 66KV transmission line to the nearest technically feasible PSPCL sub-station. Energy accounting and metering shall happen on the HT side of the pooling sub-station as per applicable regulations.
24. Farmers may also operate their agriculture pumps (Both DC or AC pumps) by taking power from these solar PV Power Plants, which shall be treated as auxiliary power.
25. PEDDA shall give information about the scheme through print & electronic media and will also hold interactive meets with farmers to sensitize them about the scheme.
26. All applicable CERC/PSERC regulations and applicable guidelines etc. of PSPCL shall have to be adhered to by the allottee.
27. Other general terms and conditions will be as per NRSE Policy 2012. In case of any conflict, NRSE Policy 2012 shall prevail.
28. Govt. of Punjab, Deptt. Of New & Renewable Energy can amend/relax/make addition/interpret provisions under this scheme with due approval of Chief Minister.