



## **GUIDELINES FOR IMPLEMENTATION OF SOLAR INVERTER CHARGER PROGRAMME FOR THE YEAR 2019-20**

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## **GUIDELINES FOR IMPLEMENTATION OF SOLAR INVERTER CHARGER SCHEME:-**

### **1. Scheme:-**

The Solar Inverter Charger consist solar panels and interface charge controller and used for charging the battery of existing conventional inverter during day time. Presently, two models of Solar Inverter Charger:-

**Solar inverter of 300 Watt capacity:-**It consists of solar panels of 300 watt capacity and interface charge controller of 20 Amp. The system shall be installed on the existing conventional inverter of 600-800 VA having single battery of 12V DC x 120-180 AH. The approximate cost of Rs. 15000 per system.

**Solar inverters of 500 Watt capacity:-**It consists of solar panels of 500 watt capacity and interface charge controller of 30Amp. The system shall be installed on the existing conventional inverter of 1000- 1800 VA having double battery of 12V DC x 120-180 AH to form the 24 VDC battery bank. The approximate cost of Rs. 22000 per system.

### **2. Objective:-**

- i. To charge the battery bank of existing inverter from Solar Power thus availability of power during long power cuts.
- ii. To serve as back up during power cuts.
- iii. To generate electricity from clean and green energy which lead to saving of grid power in charging the batteries of inverter.
- iv. DC power generated from Solar is converted into AC by the inverter and used to run domestic applications along with battery power during power cuts.
- v. For Effective utilization of existing inverter in generation and utilization of clean and green energy.

### **3. Methodology of implementation:-**

- i. The scheme shall be implemented through the market mode system means the beneficiaries have choice to choose supplier from the HAREDA empanelled supplier for said item. The list of empanelled supplier is made available on office website at [www.hareda.gov.in](http://www.hareda.gov.in) . The subsidy @ Rs. 6,000/- and @ Rs. 10,000/- per system for 300 Watt and 500 watt Solar Inverter Charger respectively shall be provided to applicable beneficiary.
- ii. Applicant can get installed the 300/ 500W solar inverter chargers from any HAREDA empanelled firms. The 300/ 500w solar inverter chargers and accessories should be as per the HAREDA standards. The system with deviation and not meeting these minimum technical specifications will not be considered eligible for State Subsidy.

#### 4. District wise Target:-

Sr. No.	District	Target	
		300W	500W
1.	Ambala	12	6
2.	Bhiwani	12	6
3.	Charkhi Dadri	12	6
4.	Faridabad	12	6
5.	Fatehabad	12	7
6.	Gurugram	12	7
7.	Hisar	12	7
8.	Jhajjar	12	7
9.	Jind	11	7
10.	Kaithal	11	7
11.	Karnal	11	7
12.	Kurukshetra	11	7
13.	Mahendragarh	11	7
14.	Nuh	11	7
15.	Panchkula	11	7
16.	Palwal	11	7
17.	Panipat	11	7
18.	Rewari	11	7
19.	Rohtak	11	7
20.	Sirsa	11	7
21.	Sonapat	11	7
22.	Yamunanagar	11	7
	<b>Total</b>	<b>250</b>	<b>150</b>

This target may be increased after achieving the same on the basis of district wise applications received.

#### 5. Identification of Beneficiaries:-

- a. The beneficiaries shall be identified online on SARAL portal. For this online application shall be sought on SARAL portal form beneficiaries for a fix period

of twenty days (1<sup>st</sup> June to 20<sup>th</sup> June 2019). Vide publicity shall be done to invite applications.

- b. All households who have domestic inverter and have not installed solar inverter charger on this existing inverter are eligible for this scheme.
- c. The target for every district shall be fixed equally as per Budget allocation for said system in the year 2019-20. The approximate budget allocation shall be Rs. 30 Lakhs so approx. 400 no of system (approx. 18 nos. per district) shall be installed.
- d. As demand is huge and target is very less so the beneficiaries shall be selected through draw system to be conducted by respective ADC of concerned district from 21<sup>st</sup> -25<sup>th</sup> June 2019 and remaining beneficiaries shall be arranged in order of waiting list.
- e. The sanction letter will be issued to the selected beneficiary to install the said items within 3 months as per HAREDA specifications from HAREDA empanelled suppliers. Thereafter, the sanction shall automatically cancel and system shall be allocated to next applicable as per waiting list seniority.
- f. This office shall arrange additional fund under supplementary budget to allocate the said items to remaining beneficiaries in order their waiting list.

**6. Installation and commissioning of said Systems:-**

The selected beneficiaries shall have to install and commission said system from any HAREDA empanelled firms as per the HAREDA standards. The list of empanelled supplier is made available on office website at [www.hareda.gov.in](http://www.hareda.gov.in)

**7. Disbursement of Subsidy:-**

- a. The subsidy @ Rs. 6,000/- and @ Rs. 10,000/- per system for 300 Watt and 500 watt Solar Inverter Charger respectively shall be released by the Additional Deputy Commissioner cum Chief Project officer, NRE, of the concerned district to the applicant beneficiary.
- b. After installation of the system, the applicant has to submit application online for the claim of State subsidy along with required documents mentioned below:
  - i. Invoice of the supplier in the name of applicant
  - ii A photograph after installation of module and charger controller integrated with existing inverter.
  - iii. Project completion certificate in prescribed format (provided in sanction letter to be issued to beneficiary). The month and year of manufacturing of solar module and interface charge controller to be used in said system shall also be sought and it should be of not older than date of allocation of said item to the concerned beneficiary. The HAREDA logo and make in India logo shall be laminated inside solar module and pasted on interface charge controller.
  - iv. Cancelled Cheque/First page of Passbook having account details
- c. After receiving the online application in the O/o Additional deputy Commissioner cum chief Project officer, DRDA, of the concerned district, the system shall be physically inspected by the concerned District Project Officer and shall print the

uploaded PCR of beneficiary and thereafter signature and upload Project Completion Report (PCR).

- d. On receipt of requisite documents and satisfactory completion certificate, the State subsidy shall be directly transferred in the account of applicant beneficiaries by the district office through RTGS.
- e. These guidelines can be changed by the Director General, NRE/HAREDA at any stage.

**8. Timelines for implementation of programme:-**

S.No.	Deliverable	Action	Timeline
1.	Inviting Application for identification of beneficiaries	Application Shall be invited through SARAL portal for fixed period of 20 days between 1 <sup>st</sup> June 2019 to 20 <sup>th</sup> June 2019	1 <sup>st</sup> June 2019 to 20 <sup>th</sup> June 2019
2.	Selection of Beneficiaries	Draw is to be conducted by ADCs	21- 25 June 2019
3.	Installation of said Systems by Beneficiaries	Installation of said systems by beneficiaries from empanelled suppliers	Within 3 months of Sanction
4.	Application for Release of Subsidy	Prescribed form is to be submitted on WEB portal from selected beneficiaries	Immediately after Installation
5.	Release of Subsidy	i. Verification of installed Systems by ADCs office ii. Uploading PCR iii. Release of subsidy	Within 10 days