

GUIDELINES FOR IMPLEMENTATION OF SOLAR WATER PUMPING SCHEME DURING THE YEAR 2019-20

WHAT IS SOLAR PUMP?

The water pumping system which operates on solar energy is called solar pump. Solar pump is totally pollution-free as it uses sunlight to draw water. It requires very little maintenance as compared to the diesel pump sets. It comprises of solar photovoltaic modules/panels, motor pump set, inverter/controller, control switch, Interconnecting cables and GI structure/ frame etc. Solar pump works during the sunshine hours and is ideal for small and medium farmers.

ELIGIBILITY

- a. Individual farmers will be supported to install standalone solar Agriculture pumps of capacity up to 10 HP for replacement of existing diesel Agriculture pumps / irrigation systems in off-grid areas, where grid supply is not available.
- b. Water User Associations, Gaushalas' and community/cluster based irrigation system will also be covered under this component. However, priority would be given to small and marginal farmers.

NOTIFIED AREAS OF THE CENTRAL GROUND WATER AUTHORITY

- I. In the notified areas of the CGWA (list enclosed), farmers who are drawing water from farm ponds with micro irrigation techniques/Under Ground Pipe Lines shall only be considered.

AND/OR

- II. New Solar Agriculture pumps would not be covered under this component in Notified areas. However, existing standalone diesel pumps, can be converted into standalone solar pumps in these areas provided they use micro irrigation techniques to save water.

SUBSIDY PATTERN

These off-grid solar water pumping systems shall only be provided to the farmers/Gaushala's/ Water User Associations and community/cluster based irrigation system at 75% subsidy (State+MNRE)

SELECTION OF BENEFICIARIES

- i. These solar water pumping systems shall only be provided to the farmers who opt for micro-irrigation (drip/sprinkler) and/or Under Ground Pipe Lines (UGPL) in their field.

- ii. In case, the number of applicants is more than the allocated target for the district then the systems shall be provided on the basis of draw of lots to be chaired by the concerned Additional Deputy Commissioner after the closing date of receipt of applications (to be decided and wider publicity for the same shall be given by the respective ADCs).
- iii. The beneficiaries who have already been covered under the scheme during the past seven years, shall not be eligible to get another solar water pumping systems irrespective of its capacity/location.

HOW TO APPLY

The farmers who wish to install solar water pumping systems shall have to apply online through <http://saralharyana.gov.in/> portal. No hard copy of the application shall be entertained by the Department/HAREDA.

GUIDELINES

1. The applicants are advised to read the terms & conditions of the scheme before submission of applications.
2. The applicants are also advised to read the technical specification of the different types of solar water pumping systems carefully before submission of application. These are available on the official website of MNRE, GoI and HAREDA.
3. The tentative quantity, tentative cost and accordingly, the user share are as follows (these may vary as per the availability of budget, price discovered etc.):

Sr. No.	Capacity	Type	Tentative Quantity (Nos.)	Estimated Cost (Rs.)	User Share @ 25% of the cost (Rs.)
1	3 HP	DC, Surface	1065	2,35,000	58,750
2	3HP	DC, Submersible	1065	2,35,000	58,750
3	3HP	AC, Submersible	1070	2,35,000	58,750
4	5 HP	AC, Submersible	4150	3,33,000	83,250
5	5 HP	DC, submersible	4150	3,33,000	83,250
6	7.5 HP	AC, Submersible	1250	4,78,000	1,19,500
7	7.5 HP	DC, Submersible	1250	4,78,000	1,19,500
8	10 HP	AC, Submersible	500	6,10,000	1,52,500
9	10 HP	DC, Submersible	500	6,10,000	1,52,500

4. A farmers/Gaushala's/ Water User Associations and community/cluster based irrigation system shall be eligible to apply for only one solar pump. Therefore, they should only apply for the required capacity pump set and mention the capacity & type (AC or DC) in the application form.

5. The farmers/Gaushala's/ Water User Associations and community/cluster based irrigation system shall have to provide required size bore well complete with lowering and shadow free plain land to the company for installation of solar pump within 15 days from the date of clearance of site by District Officer and company representative. If the farmers/Gaushala's/ Water User Associations and community/cluster based irrigation system fails to provide the bore well and shadow free land within the stipulated period, then pump allocation shall be cancelled and they will not have any claim on Solar Pump and the same shall be allocated to an applicant in waiting as per seniority.
6. Allotment of solar pumps shall be subject to the availability of funds from the Government. The applicants cannot make any claim for allotment of solar pumps if required funds are not available/ scheme is withdrawn / cancelled by the Government or the application is rejected by Department/HAREDA.
7. Department/HAREDA has the right to reject any application which shall not be fulfilling the eligibility requirements in general including technical requirements i.e. insufficient land, non providing of bore well of required size & shadow free land in time, depth of water beyond specified limit and dispute of land if any etc.
8. If the successful applicant seeks refund after allocation of solar pump, then 5.0% of the amount deposited by the applicant shall be forfeited. This term shall not be applicable in case of cancellation of the system is done by the Department/HAREDA.
9. If at any time after allocation and before installation of the pump the information provided by the applicant is found wrong then the Department/HAREDA may reject the application and forfeit 10% payment deposited for installation of solar pump.
10. If at any time after installation of pump it comes to notice of the Department/HAREDA that the applicant had provided any wrong information for installation of pump, then the farmer shall be liable to payback the full subsidy amount to HAREDA.
11. The farmers have to deposit 25% cost of the pump as user share along with their consent within 15 days from the issue of sanction by the Department/HAREDA through Demand Draft to be issued in the name of the Addl. Deputy Commissioner of their district or through on-line mode. In case, the user share is not received within 15 days, the Department/HAREDA may cancel the allocation of solar pump.
12. Department/HAREDA/Contractor shall not be responsible for non-functioning/mal-functioning of the system arising out of misuse and

alterations/modifications if any made in the solar pumping system by the farmer.

13. HAREDA reserves the right to withdraw/amend/annul the implementation process of the scheme at any time in view of the change in the Government Policy or any other reason what so ever in the interest of HAREDA/Govt./Public without incurring any liability.
14. The farmers having community tanks in their joint names are also eligible to apply under the scheme separately.
15. These solar pumps shall be got installed by the Department/HAREDA from the eligible contractors, who shall take approx. 4 months time from the date of issue of work order.
16. In case of any cancellation and reallocation of already allotted pump(s) due to any reasons, the Additional Deputy Commissioner-cum- Chief Project Officer of the District shall resolve such issues at their own level from the seniority list in a transparent manner under intimation to this Directorate.
17. Effective participation of Gram Panchayats in the implementation/promotion of the systems may be ensured by giving due publicity.
18. The district office shall obtain the consent and beneficiary share (with 75 % subsidy of the total cost of the solar pumping system) before placing the work order.
19. Before placing the work order, the district office shall ensure that the site of installation of solar water pumping system is feasible for installation of solar water pumping system. Also, the eligibility of the beneficiary shall be ascertained.
20. Any dispute arising out of implementation of the scheme shall be subject to the jurisdiction of the Courts at Panchkula.

RESPONSIBILITIES OF IMPLEMENTATION AGENCY

The Implementing Agencies will be responsible for the following activities:

- i. Demand aggregation for solar Agriculture pumps through online portal.
- ii. Prepare proposal and submit to MNRE for sanction
- iii. Oversee installation of systems.
- iv. Inspection of installed systems and online submission of completion reports to MNRE.

- v. Submission of utilization certificates and audited statement of expenditure through EAT module and disbursement of MNRE CFA.
- vi. Online submission of monthly and quarterly progress reports.
- vii. Ensure project completion within the given timelines and compliance of MNRE Guidelines and Standards.
- viii. Online and offline maintenance for records.
- ix. Real time monitoring through dedicated web-portal
- x. Performance monitoring of installed system through third party
- xi. Ensure compliance of AMC and training of locals by the vendors.
- xii. Carrying out publicity of the scheme so as to increase awareness, for which purpose advice of MNRE may also be adopted apart from its own publicity.
- xiii. Any other activity to ensure successful implementation of the programme.

LIST OF NOTIFIED AREAS OF CGWA IN HARYANA

SR. NO.	STATE	LOCATION	Date of Notification
1	Haryana	Municipal Corporation of Faridabad & Ballabgarh	14.10.1998
2	Haryana	Shahbad Block of Kurukshetra District	2.12.2006
3	Haryana	Nangal Chowdhary Block of Mahendragarh District	2.12.2006
4	Haryana	Narnaul Block of Mahendragarh District	2.12.2006
5	Haryana	Samalkha Block of Panipat District	2.12.2006
6	Haryana	Karnal Block of Karnal District	2.12.2006
7	Haryana	Khol Block of Rewari District	2.12.2006
8	Haryana	Entire Gurgaon District	13.08.2011
9	Haryana	Badra block of Bhiwani District	13.08.2011
10	Haryana	Ladwa block of Kurukshetra District	13.08.2011
11	Haryana	Pehowa block of Kurukshetra District	13.08.2011
12	Haryana	Rania block of Sirsa District	13.08.2011
13	Haryana	Tohana block of Fatehabad District	13.08.2011
14	Haryana	Gulha block of Kaithal District	13.08.2011
15	Haryana	Bapoli block of Panipat District	13.08.2011
16	Haryana	Rajaund block of Kaithal District	27.11.2012
17	Haryana	Ellenabad block of Sirsa District	27.11.2012