

How to test SPV pump using solar array?

For testing the SPV pump using the actual solar array, outdoor PV array structures with different module mounting capacity (4, 6, 8, 10, etc.) should be used. The modules are mounted on the structures with tracking facility to optimize irradiance, power output and accordingly, the total quantity of water pumped in a day.

Can farmers install solar agriculture pumps in off-grid areas?

Individual farmers will be supported to install standalone solar Agriculture pumps of capacity up to 7.5 HP in off-grid areas, where grid supply is not available. CFA of 30% of the benchmark cost or the tender cost, whichever is lower, of the stand-alone solar Agriculture pump will be provided.

When a project is sanctioned by MNRE?

On acceptance of the allocated quantity by the implementation agencies and submission of the detailed proposal as per MNRE format, within a given time, the final sanction will be issued by MNRE. Projects for solarisation or installation of pumping systems shall be completed within 24 months from the date of sanction by MNRE.

Which states will provide a stand-alone solar pump?

o In North Eastern States, Sikkim, Jammu & Kashmir, Himachal Pradesh and Uttarakhand, Lakshadweep and A&N Islands, CFA of 50% of the benchmark cost or the tender cost, whichever is lower, of the stand-alone solar pump will be provided.

How much CFA will be provided for solar agriculture pump?

CFA of 30% of the benchmark cost or the tender cost, whichever is lower, of the stand-alone solar Agriculture pump will be provided. The State Government will give at least a subsidy of 30%; and the remaining at most 40% will be provided by the farmer.

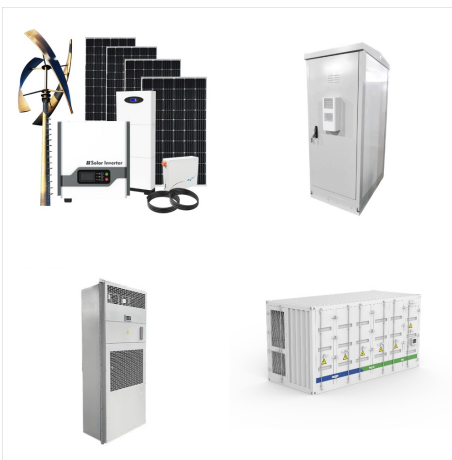
Which states will provide CFA for solar PV?

In North Eastern States, Sikkim, Jammu & Kashmir, Himachal Pradesh and Uttarakhand, Lakshadweep and

NABARD SCHEME FOR SOLAR PHOTOVOLTAIC WATER PUMPING SYSTEM MNRE



A&N Islands, CFA of 50% of the benchmark cost or the tender cost, whichever is lower, of the solar PV component will be provided. The State Government will give a subsidy of at-least 30%; and the remaining at-most 20% will be provided by the farmer.



List of Manufacturers empaneled under Capital Subsidy scheme only for solar lighting system implemented through NABARD View(12 KB) List of channel partners accredited by the Ministry for Off-Grid and Decentralized Solar Water Heating Systems under JNNSM (as on 19.09.2014) Content Owned by MINISTRY OF NEW AND RENEWABLE ENERGY . Developed



The Scheme of Ministry of New and Renewable Energy, Gol for promoting solar photovoltaic water pumpine svstems for irriqation purpose Ptease refer to our Circutar No.131/DoR-GSS-41 /7014, dated 23 Juty 2014 on the scheme for promoting 10,000 solar photovottaic water pumping systems for irriqation purpose. Now MNRE, Gol has

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Ministry of New and Renewable Energy (MNRE)
INTRODUCTION A solar photovoltaic (SPV) water pumping System consists Of: PV array a. Capacity in the range of 200 Watt to 5 KWp. b. Should be mounted on a suitable structure with a provision of tracking the sun Motor Pump Set (Surface or submersible) -D.C. Motor pump Set (with Brushes or Brush less D.C.



Updation of standards/specification of the SPV water pumping system under PM KUSUM (Last date 31.10.2024) Updation of standards/specification of the SPV water pumping system under PM KUSUM (Last date 31.10.2024) 01/10/2024: 31/10/2024: View (355 KB)



The scheme aims to add solar capacity of 30,800 MW by 2022 with total central financial support of Rs. 34,422 Crore including service charges to the implementing agencies. Updated Specification and Testing procedure for the Solar Photovoltaic (SPV) Water Pumping System and Universal Solar Pump Controller (USPC) (24/03/2023, 2.6 mb, PDF

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Standard format of the Test Report of Solar PhotoVoltaic (SPV) water pumping system: Standard format of the Test Report of Solar PhotoVoltaic (SPV) water pumping system Terms and Conditions; Content Owned by MINISTRY OF NEW AND RENEWABLE ENERGY . Developed and hosted by National Informatics Centre, Ministry of Electronics & Information



Loan or subsidy for solar PV system with the help of NABARD: Note that the manufacturer should be approved by the Ministry of New and Renewable Energy (MNRE). Indian government has launched different schemes to promote the installation of grid-connected solar power plants and solar pumps. The scheme is divided into three main different

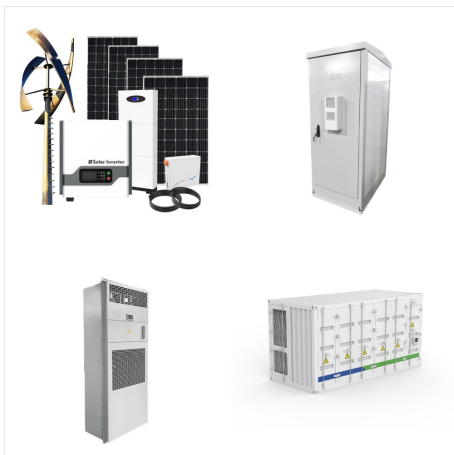


Provision For Use Of Solar Photovoltaic (SPV) Arrays. MNRE's recent guideline has outlined provisions for using Solar Photovoltaic (SPV) Arrays, noting, "SPV arrays will contain a specified number of modules with the same capacity, type, and specifications, connected in series or parallel to achieve the required voltage or current output. The SPV water pumping system ???

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MNRE empanelled partner for Solar Pumps under NABARD scheme (MNRE channel partners for any other programme are not eligible). At least 5% of the tendered quantity (subject to maximum of 200 Nos.) Solar Photovoltaic Water Pumping Systems should have been installed & commissioned by the bidder under MNRE scheme in either of the State by the date



We are Authorized MNRE Channel partner for NABARD Solar Water Pumping program. We extend best technology oriented service for Bore well, Open well, ponds, ranging from 1 HP to 10HP Under Nabard Scheme Farmers by installing Solar Water Pump can sell or barter water with neighbouring farmers who do not have a pumping system. The pumps would



Ministry of New and Renewable Energy (MNRE) has come up with the subsidy on solar water pump which is known as the Pradhan Mantri Kisan Urja Suraksha even Utthan Mahabhiyan (PM KUSUM) Scheme which is mainly for the farmers of India who wants to install solar water pumps and grid-connected solar and other renewable energy plants.. It is maintained in the scheme ???

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Promoting Solar Photovoltaic Water Pumping Systems for Irrigation Purpose and MNRE Lighting Scheme 2016 -Capital Subsidy Scheme 2015 under the scheme of MNRE, Gol, i.e Solar Photovoltaic Lighting Systems and Small capacity PV Systems under JNNSM to NABARD Regional Offices. In this regard, we advise that all



Complementing that, a well-designed financial structure to provide loans at reasonable rates of interests should be in place. As a case in point, it is desirable that the ongoing scheme of MNRE also includes solar water pumping systems, thereby makes those eligible for subsidies provided through NABARD and other banks.



Specifications of Controller/Drive for Solar Water Pumping Systems S.No. Requirement
Specifications 1. Controller Power Capacity pump capacity will be 3750W as per MNRE Specs, the solar panel to drive the Pump Controller Power Capacity should be at-least equal to Solar Panels Power Capacity (Wp), not Pump Capacity. Example: For 5HP pumps, the

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The Ministry of New and Renewable Energy (MNRE) is the nodal Ministry of the Government of India for all matters relating to new and renewable energy. The Government of India launched the Jawaharlal Nehru National Solar Mission (JNNSM) on 11 th January, 2010 with a target to install solar power generation capacity of 20 GW by 2022.

MNRE



The Ministry of New and Renewable Energy (MNRE) has now issued a new office memorandum prescribing a standard format for the solar photovoltaic water pumping system test report. It comes after almost a few months after the ministry issued specifications and testing procedures for the same. The ministry said that the move was taken to reduce the [???



GRID PV systems and/or MNRE empanelled partner for Solar Pumping programme under NABARD scheme (MNRE channel partners for any other programme are not eligible). "System" means Solar photovoltaic water pumping system consists of PV array, Motor pump set, electronics, interconnected cables, earthing, On-Off switch and all

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NABARD offers subsidies for solar power plants and solar water pumps. If a farmer wants to install a solar power plant on his property, he will have to pay only 20% of the cost of the solar plant. And to pay the remaining 80%, NABARD offers loans. Similarly, this bank is offering a loan for installing solar water pumps.



Scheme: Installation of 10,000 nos. of solar photovoltaic water pumping systems for irrigation purpose implemented through National Bank for Agriculture and Rural Development (NABARD) throughout the country. a. Aim: Financing and installation of 10,000 nos. of solar photovoltaic water pumping systems for irrigation purpose to individual farmers to be ???



s~olar photovoltaic water pumping syste`ins for irrigation purpose - Qg?ons conveyed by_Ann Please refer to our circulars No.252 dated 17 December 2014 and No.90 dated 4 May 2016 on the Solar Pumpset Scheme. The following decisions are conveyed by MNRE,Col on the scheme :

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Under the Scheme, central government subsidy upto 30% or 50% of the total cost is given for the installation of standalone solar pumps and also for the solarization of existing grid-connected agricultural pumps. Standard format of the Test Report of Solar PhotoVoltaic (SPV) water pumping system ; Action against defaulted vendors



The Ministry of New and Renewable Energy is updating standards for solar water pumping systems under PM KUSUM, inviting stakeholders to provide suggestions by 31st October to incorporate technological advancements and meet current user requirements in renewable energy. scheme. It may be mentioned that, initially issued in March 2023, these



Under the Scheme, central government subsidy upto 30% or 50% of the total cost is given for the installation of standalone solar pumps and also for the solarization of existing grid-connected agricultural pumps. Standard format of the Test Report of Solar PhotoVoltaic (SPV) water pumping system ; Action against defaulted vendors

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??? Shobhit Srivastava, Ministry of New and Renewable Energy ??? Shilp Verma, International Water Management Institute This publication could not have been undertaken without the generous support of the Deutsche Gesellschaft f?r Internationale Zusammenarbeit (GIZ) Promotion of Solar Water Pumps (PSWP) program, including



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The step mentioned below outlines the procedure of purchasing a solar panel system and also obtain a solar subsidy from NABARD. The first step is to contact a reliable solar panel dealer/manufacturer from whom you would like to purchase a solar panel system. Your dealer must be authorized under MNRE (Ministry of New and Renewable Energy).

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for Solar Pumps under NABARD scheme (MNRE channel partners for any other programme are not eligible). supplying, installation and commissioning of solar photovoltaic water pump system for "solar photovoltaic water pumping programme" implemented by Gujarat green revolution company ltd, Vadodara in