

**NATIONAL PROJECT ON SOLAR PHOTO VOLTAIC WATER PUMPING SYSTEMS
FOR AGRICULTURE & RELATED USES
PHYSICAL INSPECTION REPORT**

I. DETAILS OF SPV WATER PUMPING SYSTEM INSTALLED

1. Supplied by
2. Pass Book No.
3. Date of Installation

II. STATUS OF THE SYSTEM : Tick whichever applicable

A. System found working at the time of inspection	B. System installed but not delivering water due to low sunlight or bad weather.	C. System installed but no delivering water due to any other problem (Pl. Specify)	D. System supplied but used for lighting only.
E. System supplied but not installed.	F. System partly installed.	G. System not found at the site.	H. Any other reason (Pl. Specify).

III. QUALITY OF THE PRODUCT :

- | | | |
|---|---|---------------------------------|
| a. interconnection of modules, wiring cables & joints | : | Satisfactory / Not satisfactory |
| b. Switches | : | Satisfactory / Not satisfactory |
| c. Mounting structure, Tracking mechanism | : | Satisfactory / Not satisfactory |
| d. Site selection, etc.
(Please Use separate sheet, if required) | : | Satisfactory / Not satisfactory |

IV. USER PROFILE :

1. Name and Address of the User	2. Installation Addresss

- | | | | |
|-----------------------------|-----|---------------------------|-----|
| 3. User Category | | 4. Source of Water | |
| a) Individual Farmer | Y/N | a) Canal | Y/N |
| b) Corporate Body | Y/N | b) Tube well | Y/N |
| c) Co-op. Society | Y/N | c) Open Well | Y/N |
| d) NGO | Y/N | d) Lake | Y/N |
| e) Institution | Y/N | e) Bore Well | Y/N |
| f) Others (P specify) | Y/N | f) Others (Pl. Specify) | Y/N |
| 5. Use of the System | Y/N | g) Drinking Water | Y/N |
| a) Irrigation | Y/N | h) Animal Husbandry | Y/N |
| b) Horticulture | Y/N | i) Poultry Farming | Y/N |
| c) Sericulture | Y/N | j) Orchards | Y/N |
| e) Acquaculture | Y/N | k) Salt Farming | Y/N |
| f) Fishiculture | Y/N | l) Others (Pl. Specify) | Y/N |

V. TECHNICAL DETAILS (AS PER NAME PLATE)

Module	Pump
1. Module Type	2. Original manufacturer of the :
3. No. of modules in PV Array	4. Pump Type (DC Surface DC Submersible / DC Floating / AC Submersible)
	5. Total Dynamic Head (Meters) :
	6. Pipe Inlet (Inches)
	7. Pipe Outlet (Inches)

8. Safety & Protection measures provided:

Fencing	Y/ N	Dry Running of Pump	Y/ N	
Earthing	Y/ N	Caution Board	Y/ N	
Display Board	Y/ N	Electrical Controls	Y/ N	

9. Insurance taken for the system: Y / N

10. Daily hours of operation:

11. Servicing and Training:

Spare parts provided: Y/N	User Manual Provided: Y/N	Any training to farmer: Y/N
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12. Whether one set of documents provided to the end user: Y/N

VI. END USER'S REMARKS

1. How did you come to know of the SPV Pump? Tick whichever appropriate
a) Discussion b) Newspaper c) Brochure d) Poster e) Exhibition

2. Water level in the area
3. Availability of local mechanics for repair of pumps : Y / N
4. Whether the system is used for other purposes such as lighting : Y / N
5. Difficulties in operation & maintenance of the pumping system & Suggestions (P1. specie’):

Name & Signatures of the End user
His representative

Signature of rep. of the Supplier
(applicable if the representative
Of the supplier accompanied)

Signature of witness

Name of witness

Address of witness

(Witness is a person shall include Lamberdar/ Samanch/ Patwari/ Revenue Officer and/or any other member of the Panchayat / Municipal board/Head Master of the school whether Primary or High School or local post master. etc.)

Remarks of IREDA official:

SIGN: _____

NAME: _____

DATE:

DESIGNATION: _____