

**INFORMATION BROCHURE
&
APPLICATION FORM
FOR
INSTALLATION OF 20000 SOLAR PUMPS(AC)
BOTH SURFACE AND SUBMERSIBLE
(CAPACITY 3, 5, 7.5 & 10 HP)
FOR
IRRIGATION IN AGRICULTURE SECTOR
(PUNJAB)
UNDER COMPONENT-B OF PM-KUSUM
SCHEME
(F.Y. 2024-25)**



**PUNJAB ENERGY DEVELOPMENT
AGENCY (PEDA)**

Plot no. 1-2, Sector 33D,
Chandigarh Phone:0172-
2663328,2663382,

Website: www.pmkusum.peda.gov.in and
www.peda.gov.in

Golden opportunity for the farmers of Punjab
GOVERNMENT OF PUNJAB LAUNCHES PM-KUSUM SCHEME
COMPONENT-B
INSTALLATION OF 20000 SOLAR PUMPS
SURFACE AND SUBMERSIBLE(AC)
Subsidy
General Category 60%
Scheduled Caste Category 80%

Opening date: 09.09.2024 Closing date: 30.09.2024

Applications are invited on first come first serve basis from the interested beneficiaries. After receiving of 20,000 applications portal will be closed automatically. No online or physical applications will considered after that.

Online applications on www.pmkusum.peda.gov.in are for installation of solar pumps for irrigation in the following 37 blocks (**safe ground water blocks**) of Punjab and the farmers of other blocks (**Dark zones**) of Punjab who have installed or want to install diesel pump operated micro (Drip / Sprinkler) irrigation systems on existing borewells or lifting water from village ponds / Farm ponds / Diggies can also apply for installation of Solar Pumps of capacity 3, 5, 7.5 & 10 HP (AC) both surface and submersible as per eligibility conditions mentioned below :-

Sr. No.	Distt	Block	Eligibility of farmers who can apply for solar pumps
1.	Bathinda	i. Talwandi Sabo ii. Sangat iii. Rampura	i. Farmers using diesel pumps for any type of irrigation i.e Open / Micro (Drip / Sprinkler) irrigation systems etc. and any water source. ii. The farmers / Panchayats who lift water from village ponds/ farm ponds/ diggies with diesel pumps. iii. Farmers who want to do new bore wells. iv. For Panchayats or Regd. Water using Committees.
2.	Fazilka	iv. Abohar v. Arniwala Sheikh Subanpur vi. Fazilka vii. Khuian Sarwar	
3.	Ferozpur	viii. Makhu	
4.	Gurdaspur	ix. Dina Nagar x. Dorangala xi. Sri Hargobindpur	
5.	Hoshiarpur	xii. Hoshiarpur-II xiii. Bhunga xiv. Hazipur xv. Mahilpur xvi. Talwara xvii. Mukerian	
6.	Sri Mukatsar Sahib	xviii. Gidderbaha xix. Lambi xx. Malout	

		xxi. Sri Mukatsar Sahib	
7.	Mansa	xxii. Budhlada xxiii. Jhunir xxiv. Sardulgarh	
8.	SBS Nagar	xxv. Balachaur xxvi. Saroya	
9.	Pathankot	xxvii. Bamyal xxviii. Dhar Kallan xxix. Narot Jaimal Singh xxx. Pathankot xxxi. Sujampur xxxii. Gharota	
10.	Patiala	xxxiii. Ghanaur	
11.	Ropar	xxxiv. Ropar xxxv. Anandpur Sahib xxxvi. Nurpur Bedi	
12.	SAS Nagar	xxxvii. Majri	
Other blocks (Dark zones)			
1.	All districts	All other blocks of Punjab except above 37 blocks Note:- Digging of new bore wells not allowed in dark zone blocks.	<ul style="list-style-type: none"> i. The farmers who have installed or want to install diesel pump operated Micro (Drip / sprinkler) irrigation systems on existing bore wells. ii. The farmers / Panchayats who lift water from village ponds/ farm ponds/diggies with diesel pumps.

Note:- The farmers who have PSPCL electric motor connections or have installed solar pumps for irrigation in their names or in the names of their family members are not eligible to apply under this scheme.

A total of 20000 online applications shall be received and Solar Pumps shall be allocated to the eligible farmers on first come first serve basis.

The complete application along with required documents should be submitted online on www.pmkusum.peda.gov.in The farmer share should also be deposited online on the website through Net Banking, Debit Card and Credit Card. The detailed procedure for submission of applications and deposit of farmer share is given at clause 8 (e) of the brochure. Total cost and farmer share for different capacity solar pumps is as under :-

Sr.No	Solar Pump Capacity (HP)	Surface solar pumps (AC)			Submersible solar pumps (AC)		
		Total Cost (Rs.)	Farmer Share		Total Cost (Rs.)	Farmers Share	
			General category (Minimum 40%) (Rs.)	SC Category (Minimum 20%) (Rs.)		General category (Minimum 40%) (Rs.)	SC Category (Minimum 20%) (Rs.)
1	3	203702	89388	51284	209392	95078	56974
2	5	297018	120918	62218	303846	127746	69046
3	7.5	408542	169858	90297	415370	176686	97125
4	10	523480	284796	205235	557620	318936	239375

PEDA reserves the right to withdraw/amend/annul the scheme at any time in view of the change in the Government Policy or any other reason without incurring any liability.



PUNJAB ENERGY DEVELOPMENT AGENCY (PEDA)

Plot no. 1-2, Sector 33D, Chandigarh, Phone:0172-2663328,
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Detailed information for installation of off grid solar pumps under Component-B of PM-KUSUM Scheme.

1. Punjab Energy Development Agency (PEDA)

Punjab Energy Development Agency (PEDA) is the State Nodal Agency for Implementation, Promotion and Development of New and Renewable Sources of Energy and State designated Agency for implementation of Energy Conservation Program in the State of Punjab. Since inception PEDA is continuously working for harnessing energy from Renewable Sources i.e. Sun, Wind, Biomass and water by installing Solar Power Plants, Solar Street Lights, Solar Water Heating systems, Solar Pumps, Biomass power plants, Co-generation Power plants and Mini Hydrel Projects to meet the energy demand of the State.

2. PM-KUSUM scheme

Ministry of New and Renewable Energy (MNRE), Govt. of India is promoting the use of solar energy for irrigation in Agriculture sector and has launched Pradhan Mantri Kisan Urja Suraksh Aevam Utthaan Mahabhiyan (PM-KUSUM) scheme with the aim to provide energy security to the farmers, raise their income and conserve fossil fuels & environment. The scheme has three components. Under Component-A solar power plants upto 2MW capacity, under Component-B stand alone off grid solar pumps are to be setup and under Component-C solarization of grid connected agriculture pumps is to be done. Under Component-B, 20000 off grid solar pumps are to be installed in Punjab. MNRE,GOI will provide 30% subsidy on installation of solar pumps under the Scheme.

Government of Punjab will provide 30% subsidy to General category farmers and 50% to scheduled caste category farmers over and above the 30% GOI subsidy under the funding pattern CS:SS:Benf = 30:30:40 and 30:50:20 respectively. A total of 60% subsidy shall be provided to General Category and 80% to Scheduled Caste Category farmers and they have to contribute 40% and 20% cost of the system respectively.

The scheme is to be mainly implemented for all types of irrigation in the following 37 blocks of Punjab in which the ground water extraction is less than 100%. The farmers of these blocks can install solar pumps on new borewells as well as on existing diesel pump operated borewells. The farmers of other blocks (Dark zones) of Punjab who have installed or want to install diesel pump operated Micro (Drip / sprinkler) irrigation systems on existing bore wells or lifting water from village ponds or Farm ponds / Diggies being filled with canal or river water can also apply for installation of solar

pumps of capacity 3, 5, 7.5 & 10 HP (AC) both surface and submersible for irrigation in Agriculture sector as per eligibility conditions mentioned below :-

Sr. No.	Distt	Block	Eligibility of farmers who can apply for solar pumps
1.	Bathinda	1. Talwandi Sabo 2. Sangat 3. Rampura	i. Farmers using diesel pumps for any type of irrigation i.e Open / Micro (Drip / Sprinkler) irrigation systems etc. and any water source. ii. The farmers / Panchayats who lift water from village ponds/ farm ponds/ diggies with diesel pumps. iii. Farmers who want to do new bore wells. iv. For Panchayats or Regd. Water using Committees.
2.	Fazilka	4. Abohar 5. Arniwala Sheikh Subanpur 6. Fazilka 7. Khuian Sarwar	
3.	Ferozpur	8. Makhu	
4.	Gurdaspur	9. Dina Nagar 10. Dorangala 11. Sri Hargobindpur	
5.	Hoshiarpur	12. Hoshiarpur-II 13. Bhunga 14. Hazipur 15. Mahilpur 16. Talwara 17. Mukerian	
6.	Sri Mukatsar Sahib	18. Gidderbaha 19. Lambi 20. Malout 21. Sri Mukatsar Sahib	
7.	Mansa	22. Budhlada 23. Jhunir 24. Sardulgarh	
8.	SBS Nagar	25. Balachaur 26. Saroya	
9.	Pathankot	27. Bamyal 28. Dhar Kallan 29. Narot Jaimal Singh 30. Pathankot 31. Sujampur 32. Gharota	
10.	Patiala	33. Ghanaur	
11.	Ropar	34. Ropar 35. Anandpur Sahib 36. Nurpur Bedi	
12.	SAS Nagar	37. Majri	
Other blocks (Dark zones)			
1.		All other blocks of Punjab	i. The farmers who have installed or want to install

	All districts	<p style="text-align: center;">except above 37 blocks</p> <p>Note:- Digging of new bore wells not allowed in dark zone blocks.</p>	<p>diesel pump operated Micro(Drip / sprinkler) irrigation systems on existing bore wells.</p> <p>ii. The farmers / Panchayats who lift water from village ponds/ farm ponds/diggies with diesel pumps.</p>
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Note:- The farmers who have PSPCL electric motor connections or have installed solar pumps for irrigation in their names or in the names of their family members are not eligible to apply under this scheme.

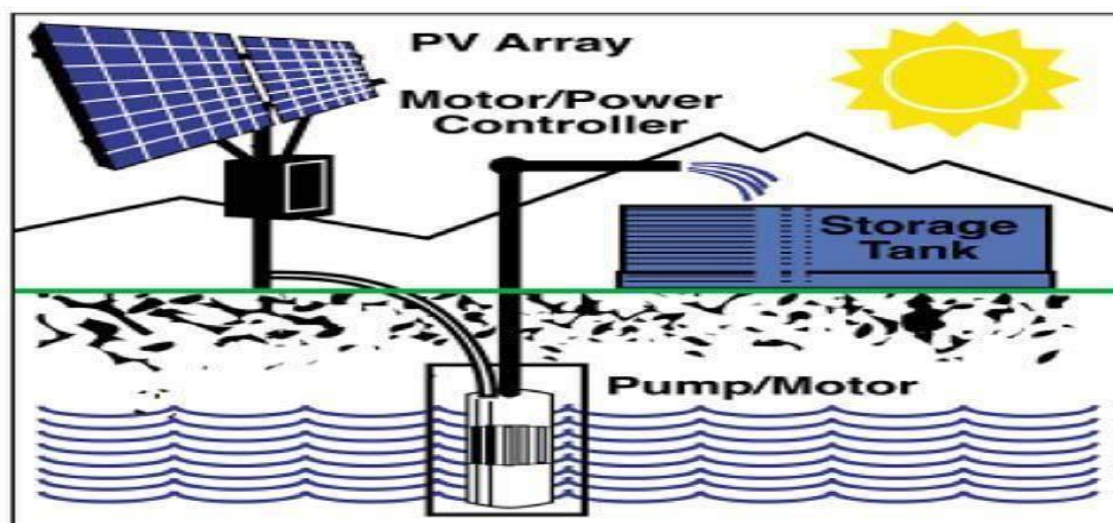
3. SOLAR PUMP AND MAJOR COMPONENTS

The water pumping system which operates on solar energy is called solar pump. It is totally pollution-free as it uses sunlight as fuel to draw water. It requires very little maintenance as compared to the diesel pumps. It comprises of PV array (solar photovoltaic modules), motor pump set, inverter/controller, control switch, Inter connecting cables and Module mounting structure/ frame etc. Solar pump works during the sunshine hours and is ideal for small and medium farmers who use diesel pumps for irrigation purpose.

Working of Solar Pump: - Solar Energy in the form of sun rays fall on solar photovoltaic panels and gets converted into electrical energy through silicon cells embedded in the solar photovoltaic panels. This electrical energy passes through the controller/inverter, cables and operates the motor pump set to draw water. The detail of major components is as under:-

- i.* **PV Array (SPV Modules):** The Solar PV array is a set of photovoltaic modules connected in series and parallel to achieve the required voltage and current.
- ii.* **AC Motor Pump-set:** AC pump sets generally comprise of the motor and pump. The motor drives the pump to draw water.
- iii.* **Controller / Inverter:** The electronic controller and inverter are respectively used in DC and AC type solar pumps. The controller regulates the solar power and supplies to DC motor pump set whereas the inverter regulates and converts DC power to AC and supplies power to AC motor pump set.
- iv.* **Module mounting structure:** It is made of hot dipped galvanized mild steel (MS) with seasonal tilt angle adjustment (up-down) and three times manual tracking facilities (East-South-West) in morning, noon and afternoon.

Line diagram of solar pump:-



4. BENEFITS AND LIMITATIONS OF SOLAR PUMP:

- Solar pump works during day time, hence freedom from working at night.
- No fuel cost as it uses sun light.
- No requirement of conventional electricity and diesel fuel.
- No requirement of long transmission lines and no transmission losses.
- Easy to operate & maintain and long operating life.
- Highly reliable and environment friendly.
- Solar Pump does not work in cloudy and foggy days.
- Water output varies with the variance of solar radiation.
- Solar panels require regular cleaning as dust reduces the water output.

5. DISCHARGE OF SOLAR PUMPS

Sr. No.	Depth of Water		Capacity of pumps and approximate discharge(Lac Litres per day)			
	Mtr.	ft.	3 (HP)	5 (HP)	7.5 (HP)	10 (HP)
1.	10	33	2.30	3.70	5.40	7.30
2.	20	66	1.10	1.75	2.60	3.50
3.	30	98	0.80	1.30	2.00	2.50
4.	50	164	0.50	0.80	1.20	1.40
5.	70	230	---	---	0.80	1.00

*Water output figures are based on a clear sunny day with three times manual tracking of SPV panels.

Note:-

- Surface solar pumps are suitable upto maximum of 23ft. suction head.
- 3 & 5 HP capacity submersible solar pumps are suitable up to maximum 164 ft. depth whereas 7.5 & 10 HP capacity pumps are suitable upto maximum 230 ft. depth of water

and shall not be installed beyond this depth.

6. Minimum requirement of Agriculture land, shadow free area and Bore well size:-

Sr. No.	Capacity of Solar Pump(HP)	Minimum requirement of Agriculture land (in Acres)	Shadow free area for installation of solar pump (sft.)	Bore well size (inches) (Approx.)	
				Surface	Submersible
1.	3	1	300	4	6
2.	5	2	500	6	8
3.	7.5	5	750	6	10
4.	10	7	1000	6	12

7. Cost of Solar pumps & Farmer Share:

Sr.No	Solar Pump Capacity (HP)	Surface solar pumps (AC)			Submersible solar pumps (AC)		
		Total Cost (Rs.)	Farmer Share		Total Cost (Rs.)	Farmers Share	
			General category (Minimum 40%) (Rs.)	SC Category (Minimum 20%) (Rs.)		General category (Minimum 40%) (Rs.)	SC Category (Minimum 20%) (Rs.)
1	3	203702	89388	51284	209392	95078	56974
2	5	297018	120918	62218	303846	127746	69046
3	7.5	408542	169858	90297	415370	176686	97125
4	10	523480	284796	205235	557620	318936	239375

8. ALLOCATION CRITERIA AND OTHER TERMS & CONDITIONS:

- a. 20000 Solar Pumps of capacity 3, 5, 7.5 and 10 HP (AC) both surface and submersible would be installed in Punjab for irrigation in agriculture sector 2000 pumps are reserved for scheduled caste category farmers and 3000 for Gram Panchayats. In case of nonavailability of required number of Gram Panchayats and scheduled caste category farmers, the remaining spill over pumps shall be allocated to the general category farmers. A total of 20000 applications shall be

received for installation of solar pumps on first come first serve basis. The applicants should read the terms & conditions of the scheme carefully before submission of applications online on www.pmkusum.peda.gov.in. Each applicant shall be allotted application number automatically through website.

- b.** The scheme is open for the individual farmers / Group of farmers / Panchayats/ Farmers Producer Organizations / Water User Associations of the State who are owners of the land in the revenue records. The farmers having land on lease or contract etc. are not eligible to apply and no pump shall be allocated to them. The farmer may be using diesel pump or any other means for irrigation of his/her agriculture land and he / she should not have electric motor connection of Punjab State Power Corporation Limited (PSPCL) for irrigation.
- i. The farmers having land in their joint names are also eligible to apply under the scheme, but names of all farmers should be mentioned in the application form and certificates to be issued by Patwari and PSPCL **or** in the affidavits / self-attested certificates to be submitted by the farmers in lieu of the certificates of Patwari and PSPCL.
 - ii. One farmer / group of farmers shall be eligible to purchase only one solar pump, therefore he / they should apply for the required capacity pump and mention the capacity in the application form. Husband, wife and unmarried children shall be considered as one family (farmer) and they can apply jointly or in a single name and shall be eligible for allocation of one solar pump only. If it is found that two or more members of the family have applied separately, then one solar pump shall be allocated and the farmer share deposited by others shall be refunded after deduction of 10% amount. If in any case other members succeed in installation of solar pumps and thereafter it comes to the notice of PEDDA then they would be liable to pay back the full cost of the system to Govt. / PEDDA or the pump shall be removed by PEDDA.
 - iii. The Panchayats are required to apply in the name of Gram Panchayat only and not in the name of Sarpanch of the village.
 - iv. Solar pumps shall not be allocated to the farmers / their family members who have already installed solar pumps of capacity 3 HP and above under any scheme of the Government Departments / PEDDA / NABARD and they are not eligible to apply under this scheme. If such farmers apply under this scheme and it comes to the notice of PEDDA then the farmer share deposited by them will be returned after deduction of 10% amount. If in any case such farmers succeed in

installation of solar pumps and thereafter it comes to the notice of PEDDA then they would be liable to pay back the full cost of the system to Govt. / PEDDA or the pump shall be removed by PEDDA.

- v. The farmers should have required land at a place in a village so that it can be easily irrigated by the solar pump. If land is less than requirement then solar pump would not be allocated. The farmer/ farmers have to submit online the proof of land ownership such as latest land ownership certificate issued by the Patwari showing Khewat, Khatoni and Khasra nos. issued on or after the date of launch of this scheme as per **Annexure-I**.
- vi. Solar pumps shall not be allocated to the Farmers who have electric motor connections of PSPCL for irrigation in their names or in the name of their family members. The farmers applying under the scheme shall have to submit a certificate issued by Punjab State Power Corporation Ltd. that PSPCL has not provided electric motor connection to them for irrigation purpose as per **Annexure-II** or the farmer has to submit an affidavit / self-attested certificate for the same as per **Annexure- II (a)**. If such farmers apply under the scheme and it comes to the notice of PEDDA then pump shall not be allocated and 10% amount shall be deducted from the farmer share. If in any case solar pump is installed then the farmer has to deposit full cost of the solar pump to PEDDA or the pump shall be removed by PEDDA.
- vii. The farmers applying under micro irrigation system shall have to submit certificate issued by the concerned authorities of the Dept. of Agriculture / Horticulture / Soil & Water conservation that the farmer has installed diesel pump operated Micro (Drip/Sprinkler) system for irrigation in the land where solar pump is to be installed as per **(Annexure-III)** or submit an affidavit / self-attested certificate for the same as per **Annexure III (a)**.
- viii. The interested farmers of 37 blocks can install micro (drip/sprinkler) irrigation systems on new and existing diesel pump operated borewells and the farmers of dark zone areas cannot dig new borewells and can install the micro irrigation systems only on existing diesel pump operated bore wells and they have to submit photographs of the system and certificate issued by the concerned Department/ Micro system installation company to PEDDA within 15 days from the date of submission of the application. If the same is not submitted within the stipulated period, the allocation of solar pump shall be cancelled. However, at the time of online submission of the application, the farmer has to upload the copy of

affidavit / self-attested certificate as per **Annexure III (a)**.

- c. The farmers have to write last four digits of the Aadhaar Card in the applications.
- d. The scheduled caste category farmers are required to submit the copies of the caste certificates with the applications.
- e. The Farmers have to submit their applications in the prescribed application form complete in all respects through online mode on website www.pmkusum.peda.gov.in till 4 pm dated **30.09.2024**. The farmer has to visit the website and click on "**Farmer Registration Tab**". Select component-B, two types of application forms shall appear i.e. (i) Application form for 37 blocks and (ii). Application form for other blocks (Dark zones). First of all, the farmer has to select application form applicable for him / her and fill in all the columns one by one and upload the documents as proof wherever required. The farmers have to select online the names of the District, Tehsil, Blocks and Villages of their agriculture land and accordingly fill in the application form and click on the Save Button to Save his application form and get acknowledgement number on his registered mobile number. After this the farmer has to click on Make Payment Button and fill in acknowledgement number or registered mobile number and get OTP on the mobile number by clicking on get OTP button and fill in the same in the space provided for. After filling the OTP the farmer can click on the review button to amend his application if he feels that he has filled any wrong information in the application form. Otherwise, the farmer can make his payment by clicking on payment button. After making the payment the application number will be printed on the application form and the farmer will get the same on his registered mobile number through SMS. The farmer can download and get the print out of his application form in the PDF form for future reference. The scheme is based on first come first serve basis and the application submission process shall close automatically just after submission of all 20000 applications. If all the applications are not received within the stipulated period, then PEDDA may consider to extend the application submission date.
- f. The General category farmers shall have to deposit minimum 40% and Scheduled caste category farmers 20% minimum cost of the solar pump as farmer share and the same shall be deposited online on the website through Net Banking, Debit card and Credit card. If any farmer of General or B.C category applies under S.C category and it comes to the notice of PEDDA then the funds deposited by him/her shall be forfeited. Subsidy applicable for 7.5HP pump shall be provided for 10 HP

pump, therefore the farmer share in this case has crossed above 40% for general category farmers and above 20% for scheduled caste category farmers. Farmer share for different capacity pumps is given above.

- g.** Solar Pumps shall be allocated to the eligible farmers on first come first serve basis. Preference in allocation of solar pumps shall be given to the farmers having Micro irrigation systems.
 - i. The applications of both (General and SC) farmers having Micro irrigation systems would be placed in separate seniority lists which will have preference over the farmers without micro irrigation systems and accordingly the seniority list shall be prepared.
 - ii. At first the pumps shall be allocated to the farmers having micro irrigation systems and thereafter the remaining pumps shall be allocated to the farmers without micro irrigation systems on seniority basis.
 - iii. If during the selection process any applicant withdraws his application then he will lose his claim on the Solar Pump and the same shall be allocated to another applicant as per seniority.
- h.** The farmers whom solar pumps are allotted shall not be eligible for separate PSPCL electricity connections for irrigation, however PSPCL may consider to convert these solar pumps into grid connected solar pumps so that farmers may sell surplus power to PSPCL and raise their income. Farmers have to make required changes in the system for export of power. The list of selected farmers shall be sent to PSPCL for information.
- i.** The farmers / Panchayats who lift water from village ponds / farm ponds/Diggies with diesel pumps are required to upload the photograph of the pond or a certificate to this effect issued by the concerned authorities of the Dept. of Agriculture / Horticulture /Soil & Water Conservation as per **(Annexure-III)** or submit an affidavit / self-attested certificate for the same as per **Annexure III (a)**.The farmers of dark zone areas should write the names of villages of their agriculture land and blocks in the application form and in the certificates after proper examination. If a farmer of dark zone area shows his land in any village of the 37 blocks mentioned in this document, then pump shall not be allocated and 10% farmer share would be deducted. If in any case, solar pump is installed without micro irrigation system then the farmer has either to install the micro irrigation system or deposit the total cost of the solar pump to PEDDA and has to face the legal course of action.

- j. Allotment of solar pumps shall be subject to the availability of funds from the Government and acceptance of installation work of solar pumps by the companies. The applicants cannot make any claim for allotment of solar pumps if required funds are not available / the company has not agreed to install the pumps / scheme is withdrawn / cancelled by the Government or the application is rejected by PEDDA. Under these circumstances, the farmer share shall be refunded to the applicants. Normally the solar pumps shall be installed within 9 months from the date of allocation of solar pumps to the farmers. In case, due to any reason, the pump is not installed within the stipulated period, the farmers will not force PEDDA to install the pumps at an early date. The pumps are to be installed by different companies and cannot be allocated to them on seniority basis, hence the farmers cannot claim to install the pumps on seniority basis.
- k. The survey of the land of the farmer shall be carried out by PEDDA District Officer / Company representative for verification of the information provided by the farmer in the application. If any information provided by the farmer is found wrong then the application shall be rejected and action shall be initiated as per applicable clause of this document.
- l. The farmers shall provide required size bore well as suggested by the company complete with lowering and shadow free plain land to the selected Company for installation of solar pump within 15 days from the date of survey/ clearance of site by PEDDA District Officer /Company representative. If the farmer fails to provide the bore well and plain land within the stipulated period, then pump allocation shall be cancelled and the farmer will lose his claim on Solar Pump and the same shall be allocated to an applicant in waiting as per seniority. **(New bores are not allowed in Dark Zone Areas).**
- m. PEDDA has the right to reject any application which does not fulfil the eligibility requirements including technical requirements i.e. application without farmer share / less farmer share, less land, non-providing of bore well & plain land in time, depth of water beyond specified limit and dispute of land if any etc.
- n. The farmer share shall be refunded to the unsuccessful applicants after two months from the date of allotment of pumps to the successful applicants.
- o. If the successful farmer seeks refund after allocation of solar pump, then 10% of the amount deposited by the applicant shall be forfeited. If during the course of refund process, solar pump is installed then the farmer has to again deposit the full farmer share to PEDDA without any delay.

- p.** If at any time after allocation and before installation of solar pump, any information provided by the farmer is found wrong or the farmer does not provide complete bore well, plain land and micro system etc. within the stipulated period due to which solar pump could not be installed then PEDDA may reject the application and refund the farmer share after deduction of 10% amount.
- q.** If at any time after installation of solar pump it comes to the notice of PEDDA that the farmer had provided any wrong information for installation of solar pump then the farmer shall be liable to payback the full cost of the system to Govt. /PEDDA or the solar pump shall be removed by PEDDA.
- r.** The farmer shall not change the site of solar pump or sell/transfer/shift the solar pump to any other person/site without the permission of PEDDA. If the farmer does so then he would be liable to pay back the full cost of the system to PEDDA. This condition shall not apply if the farmer sells the land along with the solar pump.
- s.** In case of clause no. b (iv), q and r for the recovery of amount, the farmer shall be asked to pay back full cost of the system to Govt. / PEDDA and if the farmer does not pay back the amount then legal process shall be initiated to recover the cost of the system as land dues.
- t.** Five years annual maintenance contract of solar pumps shall be with the Company, however the farmer shall be responsible for its day to day operation, cleaning and security. The solar pump shall be insured by the supplier / Company for 5 years from the date of its installation. In case of theft, the farmer shall lodge F.I.R with the Police and complete other formalities of insurance claim and submit the same to the concerned company. PEDDA shall not be responsible for any kind of loss of the Solar Pump. The farmers shall be responsible for maintenance and insurance of these solar pumps after completion of five years.
- u.** PEDDA / Company shall not be responsible for non-functioning/ mall- functioning of the system arising out of bad quality of water / collapsing of bore well / filling of sand in the pump/ misuse and alterations/modifications if any made in the system by the farmer.
- v.** In case of non-working of the system, the farmer shall directly lodge the complaint with the company through phone, email or registered post with a copy to the concerned District Manager, PEDDA.
- w.** PEDDA 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 PEDDA/Govt./Public without incurring any liability.

- x.** Dispute if any arising out of the implementation of the scheme shall be subject to the jurisdiction of the Courts at Chandigarh.
- y.** PEDDA has not appointed any person / agency to collect and submit the applications online as these can be uploaded from any computer by the applicants.
- z.** The scheme document has been prepared wisely and in good faith in the interest of farmers and the State Govt. and even if there is any discrepancy or inaccuracy in any statement or clause and as a result of which any loss occurs and someone is deprived off, then PEDDA or its employees would not be responsible and liable for that act. Therefore, the farmers are required to submit their applications after satisfying themselves in all respects.

APPLICATION FORM FOR INSTALLATION OF AC TYPE SOLAR PUMPS UNDER COMPONENT-B OF PM-KUSUM SCHEME IN 37 BLOCKS OF PUNJAB (F.Y. 2024-25)

Application No. (Auto generation)

Category (SC farmers to upload caste Certificate)	(General / OBC / Scheduled Caste)
Block	Safe/Dark
Mode of Irrigation:- If diesel pump operated Micro (Drip/Sprinkler) irrigation system then upload certificate issued by Dept. of Agriculture / Horticulture / Soil & Water conservation as per Annexure-III or self declaration of farmer as per Annexure-III(a).	<p>i. Diesel pump operated Micro (Drip/sprinkler) irrigation system Open Irrigation.</p> <p>ii. In case farmer want to apply for new Micro (Drip/sprinkler) irrigation system under Subsidy program <i>Drop More Crop-Rashtriya Krishi Vikas Yojana</i>, farmer can apply on tupkasinchayee.punjab.gov.in</p> <p>iii After applying for new Micro (Drip/sprinkler) irrigation system, the receipt of the same should be uploaded.</p>
Has the farmer or his family members already installed solar pump under any Govt Department/PEDA / NABARD scheme during the previous years? (Note:- If the capacity of already installed solar pump is 3 HP or above then pump shall not be allotted under this scheme.)	<p>i. Yes / No</p> <p>ii. If yes then capacity.....HP, Vill.....Block..... TehsilDistt.....</p> <p>iii. Year of installation</p> <p>iv. Department Name</p>
Has PSPCL provided electricity connection for irrigation in the name of applicant or his / her family members, If no then upload PSPCL certificates as per Annexure-II or self declaration of farmer as per Annexure-II (a).	Yes /No
AADHAAR No. (write last four digits)	
Voter Id no.	

DETAILS OF APPLICANT / APPLICANTS

1	Name of applicant farmer / farmers / Panchayat	
2	Father / Husband Name (In case of panchayat / organization, no need to fill this column)	
Residential Address		
3	Village: _____ P.O: _____ Pin: _____	
4	Block: _____ Tehsil: _____	
5	Assembly Constituency: _____ Distt: _____ State: _____	
6	Gender	Male / Female / Transgender
7	Mobile no.	
8	Email ID	
Address of Agriculture land/farm		
Fill in the name after selecting from the online list		
9	Village: _____	
10	Block: _____ Tehsil: _____	
11	Distt: _____ (Punjab)	
12	Farmer Type	Farmer / Group of farmers / Panchayat / Farmer Producer organization / Water user association.
13	Capacity of solar pump to be installed	3 , 5, 7.5 & 10 HP (AC)
14	Type of pump a. if the farmer selects surface pump then water depth should not be more than 23 ft. for all types of pumps. b. If the farmer selects submersible pump then :- i. water depth for 3 & 5 HP pump should not be more than 164 ft. ii. water depth for 7.5 & 10 HP pump should not be more than 230 ft.	Surface / Submersible

15	Detail of land in the name of applicant (s) at a place in the village as per report of Patwari (Upload certificate of Patwaris per Annexure-I.	Khewat No..... Khatauni No..... Khasra No.....
16	Area of land as per certificate of patwari or self-declaration by farmerAcresKanals..... Marlas Sq. Mtr.
17	Source of Water	Bore well / Open well / Village Pond / FarmPond/ Diggies
18	Depth of water : ft. (The farmer is not eligible if water depth is more than specified limits as mentioned at sr. no. 14)
19	Present power source for lifting of water.	i. If diesel pump then capacity... HP ii. annual diesel consumption =.....Ltrs. iii. Other source, if any
20	Crop type and count (nos. of crops) :-	i. Previous year :- (Rabi, Kharif, Zaid) () ii. Last to last year :- (Rabi, Kharif, Zaid) ()
21	Documents to be uploaded	1 Copy of Scheduled Caste Certificate (Only for SC Farmers). 2 Certificate of Patwari for required land at a place in the village. 3 PSPCL Certificate for no electric motor connection for irrigation or self declaration of farmer to this effect. 4 Certificate for Micro Irrigation system in the land or self declaration of farmer 5 If pond then photo of farm pond/village pond or a copy of certificate of the pond.
22	Payment mode :- 1. Net Banking 2. Debit 3. Credit Card 4. Bank	1. Amount (Rs.) 2. Reference Number 3. Date (Auto generation)

I/we hereby certify that:

- I. I/we have required undisputed agriculture land at one place in _____ Village/District.
- II. I/we shall use the Solar Pump for irrigation purpose and shall not sell or transfer this unit to any other person.
- III. I/we also certify that I / we or my / our family members have not installed solar pump of capacity 3 HP and above under any Government Department / PEDDA /

NABARD scheme during the previous years.

- IV. PSPCL has not provided electricity connection for irrigation in my / our names or in the names of my / our family members.
- V. I / we shall provide required size bore well / pond and plain land at my / our own cost to the company for installation of Solar Pump within 15 days from the date of survey of site by PEDDA / Company.
- VI. I/ we will not tamper the controller & the whole system and I/we will fully cooperate with the PEDDA / Company to generate online data from the controller.
- VII. I / we have read the scheme document thoroughly and agree with all the Terms & Conditions specified thereof.
- VIII. The information provided by me / us in this application is true and correct to the best of my knowledge and nothing has been concealed therein. If any information, proves to be wrong then I / we shall be liable to pay the penalty as specified in the scheme document and face the legal consequences occurring thereof.

Thanking you,

Yours Faithfully

1 Name.....

Date.....

2 Name.....

ਜਮੀਨ ਦੀ ਮਾਲਕੀ ਸਬੰਧੀ ਪਟਵਾਰੀ ਦਾ ਸਰਟੀਫਿਕੇਟ

ਤਸਦੀਕ ਕੀਤਾ ਜਾਂਦਾ ਹੈ ਕਿ

ਸ੍ਰੀ / ਸ੍ਰੀਮਤੀ..... ਪੁੱਤਰ/ਪਤਨੀ..... ਅਤੇ

ਸ੍ਰੀ / ਸ੍ਰੀਮਤੀ..... ਪੁੱਤਰ/ਪਤਨੀ.....

ਦੇ ਨਾਮ ਤੇ ਪਿੰਡ.....

ਡਾਕਖਾਨਾ..... ਬਲਾਕ.....

ਤਹਿਸੀਲ..... ਵਿਧਾਨ ਸਭਾ ਹਲਕਾ.....

ਜਿਲ੍ਹਾ..... (ਪੰਜਾਬ) ਵਿੱਚ ਮਾਲ ਵਿਭਾਗ ਦੇ ਰਿਕਾਰਡ ਅਨੁਸਾਰ

..... ਏਕੜ ਕਨਾਲ ਮਰਲੇ ਵਰਗ ਮੀਟਰ
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ਖੇਤੀ ਦੀ ਮਾਲਕੀ ਜਮੀਨ ਹੈ ਜੋ ਕਿ ਝਗੜੇ ਤੋਂ ਰਹਿਤ ਹੈ। ਜਿਸ ਦੇ ਖੇਵਟ, ਖੜੋਨੀ ਅਤੇ ਖਸਰਾ ਨੰਬਰ ਇਸ ਪ੍ਰਕਾਰ ਹਨ।

1. ਖੇਵਟ ਨੰ:.....

2. ਖੜੋਨੀ ਨੰ:.....

3. ਖਸਰਾ ਨੰ:.....

ਉੱਕਤ ਸਾਰੀ ਜਮੀਨ ਇੱਕ ਥਾਂ ਤੇ ਇੱਕਠੀ ਹੈ।

ਪਟਵਾਰੀ ਦਾ ਨਾਮ ਅਤੇ ਹਸਤਾਖਰ

ਪਟਵਾਰ ਹਲਕਾ.....

ਮਿਤੀ.....

- ਵੱਖ-ਵੱਖ ਸਮਰੱਥਾ ਦੇ ਸੋਲਰ ਪੰਪ ਲਗਾਉਣ ਲਈ ਘੱਟੋ-ਘੱਟ ਲੋੜੀਂਦੀ ਜਮੀਨ ਦਾ ਵੇਰਵਾ (ਟਿੱਕ ਕਰੋ):-

ਲੜੀ ਨੰ:	ਸੋਲਰ ਪੰਪ ਦੀ ਸਮਰੱਥਾ (ਹਾਰਸ ਪਾਵਰ)	ਘੱਟੋ-ਘੱਟ ਲੋੜੀਂਦੀ ਜਮੀਨ (ਏਕੜ)
1	3	1
2	5	2
3	7.5	5
4	10	7

PSPCL Certificate for non-providing of electric Power Connection (Electric motor) for irrigation of agriculture land

It is certified that Punjab State Power Corporation Limited (PSPCL) has not provided electricity connection for irrigation of agriculture land in the names of :-

i. Sh/ Smt.S / W of.....and

ii. Sh/ Smt.S / W of.....

and in the names of his/her/their family members, Village..... Post

Office..... Block

Tehsil.....Assembly constituency.....

Distt.....(Punjab).

Signature

Seal of issuing authority.....

Name of Department

Date.....

ਖੇਤੀ ਦੀ ਸਿੰਚਾਈ ਲਈ ਬਿਜਲੀ ਵਾਲੀ ਮੋਟਰ ਦਾ ਕੁਨੈਕਸ਼ਨ ਨਾ ਹੋਣ ਸਬੰਧੀ ਕਿਸਾਨ ਦਾ ਹਲਫੀਆ ਬਿਆਨ।

ਮੈਂ, ਪੁੱਤਰ / ਪਤਨੀ..... ਅਤੇ

ਪੁੱਤਰ / ਪਤਨੀ

ਪਿੰਡ..... ਡਾਕਖਾਨਾ.....

ਬਲਾਕ..... ਤਹਿਸੀਲ..... ਵਿਧਾਨ ਸਭਾ

ਹਲਕਾ..... ਜਿਲ੍ਹਾ..... (ਪੰਜਾਬ) ਦਾ / ਦੇ ਰਹਿਣ ਵਾਲਾ /

ਵਾਲੇ ਹਾਂ ਅਤੇ ਬਿਆਨ ਕਰਦਾ / ਕਰਦੇ ਹਾਂ :-

1. ਇਹ ਕਿ, ਮੇਰੀ / ਸਾਡੀ ਜਮੀਨ ਪਿੰਡ.....

ਡਾਕਖਾਨਾ..... ਬਲਾਕ.....

ਤਹਿਸੀਲ..... ਵਿਧਾਨ ਸਭਾ..... ਹਲਕਾ.....

ਜਿਲ੍ਹਾ..... (ਪੰਜਾਬ) ਵਿੱਚ ਹੈ।

2. ਇਹ ਕਿ ਮੈਂ / ਅਸੀਂ ਇਸ ਜਮੀਨ ਦੇ ਅਸਲੀ ਮਾਲਕ ਹਾਂ ਅਤੇ ਇਸ ਵਿੱਚ ਪੀ.ਐਮ ਕੁਸਮ ਸਕੀਮ ਦੇ ਕੰਪੋਨੈਂਟ-ਬੀ ਅਧੀਨ ਸੋਲਰ ਪੰਪ ਲਗਾਉਣਾ ਚਾਹੁੰਦੇ ਹਾਂ ।

3. ਇਹ ਕਿ ਪੰਜਾਬ ਸਟੇਟ ਪਾਵਰ ਕਾਰਪੋਰੇਸ਼ਨ ਵਲੋਂ ਮੇਰੇ / ਸਾਡੇ ਅਤੇ ਪਰਿਵਾਰਿਕ ਮੈਂਬਰਾਂ ਦੇ ਨਾਮ ਤੇ ਖੇਤੀ ਦੀ ਸਿੰਚਾਈ ਲਈ ਬਿਜਲੀ ਦਾ ਕੁਨੈਕਸ਼ਨ ਨਹੀਂ ਦਿੱਤਾ ਗਿਆ ਹੈ।

4. ਇਹ ਕਿ ਮੈਨੂੰ / ਸਾਨੂੰ ਜੇਕਰ ਸੋਲਰ ਪੰਪ ਅਲਾਟ ਹੋ ਜਾਂਦਾ ਹੈ ਤਾਂ ਮੈਂ / ਅਸੀਂ ਅਤੇ ਪਰਿਵਾਰਿਕ ਮੈਂਬਰ ਪੰਜਾਬ ਸਟੇਟ ਪਾਵਰ ਕਾਰਪੋਰੇਸ਼ਨ ਤੋਂ ਖੇਤੀ ਦੀ ਸਿੰਚਾਈ ਲਈ ਬਿਜਲੀ ਦਾ ਵੱਖਰਾ ਕੁਨੈਕਸ਼ਨ ਨਹੀਂ ਲਵਾਂਗੇ ਅਤੇ ਜੇਕਰ ਪੰਜਾਬ ਸਟੇਟ ਪਾਵਰ ਕਾਰਪੋਰੇਸ਼ਨ ਚਾਹੇ ਤਾਂ ਇਸ ਸੋਲਰ ਪੰਪ ਨੂੰ ਗਰਿੱਡ ਕੁਨੈਕਟਡ ਸੋਲਰ ਪੰਪ ਵਿੱਚ ਤਬਦੀਲ ਕਰਵਾ ਲਵਾਂਗਾ / ਲਵਾਂਗੇ।

ਮੈਂ / ਅਸੀਂ ਤਸਦੀਕ ਕਰਦਾ / ਕਰਦੇ ਹਾਂ ਕਿ ਮੇਰੇ / ਸਾਡੇ ਵਲੋਂ ਦਿੱਤਾ ਗਿਆ ਉਕਤ ਬਿਆਨ ਸਹੀ-ਵਾ-ਦਰੁਸਤ ਹੈ ਅਤੇ ਕੁੱਝ ਵੀ ਛੁਪਾਇਆ ਨਹੀਂ ਗਿਆ ਹੈ ਅਤੇ ਜੇਕਰ ਦਿੱਤੀ ਗਈ ਜਾਣਕਾਰੀ ਗਲਤ ਪਾਈ ਜਾਂਦੀ ਹੈ ਤਾਂ ਸੋਲਰ ਪੰਪ ਦੀ ਅਲਾਟਮੈਂਟ ਰੱਦ ਕਰ ਦਿੱਤੀ ਜਾਵੇ ਅਤੇ ਸਕੀਮ ਦੀਆਂ ਸ਼ਰਤਾਂ 8(p) ਅਤੇ (q) ਅਨੁਸਾਰ ਬਣਦੀ ਕਾਰਵਾਈ ਅਤੇ ਇਸ ਸਬੰਧੀ ਪੈਣ ਵਾਲੇ ਪ੍ਰਭਾਵਾਂ ਅਤੇ ਕਾਨੂੰਨੀ ਕਾਰਵਾਈ ਲਈ ਮੈਂ ਖੁਦ ਜਿੰਮੇਵਾਰ ਹੋਵਾਂਗਾ।

ਮਿਤੀ.....

ਸਥਾਨ

ਬਿਆਨਕਰਤਾ 1

ਬਿਆਨਕਰਤਾ 2

Certificate for Micro (Drip / Sprinkler) irrigation, Farm Pond/ Diggie/ Village Pond to be issued by Departments of Agriculture / Horticulture/ Soil & Water Conservation/ micro system installation company.

It is certified that;

i. Sh/ Smt.S / W of.....

or

ii. Panchayat.....Village.....PostOffice.....

.....Block.....Tehsil.....

.....Assembly Constituency..... Distt.

(Punjab) is using the following system for irrigation of the agriculture land.

(Tick which ever is applicable)

i. A diesel Pump operated Drip system () or sprinler system. ()

ii. Farm pond / Diggie which is filled with canal / river water. Size (.....x.....) ft. ()

iii. Village Pond (only for Village Panchayat) ()

Signature.....

Seal of issuing authority.....

Name of Department/ company

Date.....

Note: The Drip/sprinler installation company will issue the certificate only for drip/sprinkler systems.

ਖੇਤੀ ਦੀ ਸਿੰਚਾਈ ਲਈ ਲਘੂ / ਮਾਈਕਰੋ ਸਿਸਟਮ/ ਫਾਰਮ ਪੌਂਡ/ ਡਿੱਗੀ/ ਪਿੰਡ ਦਾ ਛੱਪੜ ਹੋਣ ਸਬੰਧੀ ਕਿਸਾਨ / ਗ੍ਰਾਮ ਪੰਚਾਇਤ ਦਾ ਹਲਫ਼ੀਆ ਬਿਆਨ।

ਮੈਂ, ਪੁੱਤਰ / ਪਤਨੀ.....
ਜਾਂ

ਗ੍ਰਾਮ ਪੰਚਾਇਤ.....

ਪਿੰਡ..... ਡਾਕਖਾਨਾ.....

ਬਲਾਕ..... ਤਹਿਸੀਲ..... ਵਿਧਾਨ ਸਭਾ

ਹਲਕਾ..... ਜਿਲ੍ਹਾ..... (ਪੰਜਾਬ) ਦਾ / ਦੇ ਰਹਿਣ ਵਾਲਾ /

ਵਾਲੇ ਹਾਂ ਅਤੇ ਬਿਆਨ ਕਰਦਾ / ਕਰਦੇ ਹਾਂ :-

1. ਇਹ ਕਿ, ਮੇਰੀ / ਸਾਡੀ ਜਮੀਨ ਪਿੰਡ.....
ਡਾਕਖਾਨਾ..... ਬਲਾਕ.....
ਤਹਿਸੀਲ..... ਵਿਧਾਨ ਸਭਾ..... ਹਲਕਾ.....
ਜਿਲ੍ਹਾ..... (ਪੰਜਾਬ) ਵਿੱਚ ਹੈ।

2. ਇਹ ਕਿ ਮੈਂ / ਅਸੀਂ ਪੀ.ਐਮ ਕੁਸਮ ਸਕੀਮ ਦੇ ਕੰਪੋਨੈਂਟ-ਬੀ ਅਧੀਨ ਸੋਲਰ ਪੰਪ ਲਗਾਉਣਾ ਚਾਹੁੰਦੇ ਹਾਂ ਅਤੇ ਖੇਤੀ ਦੀ ਸਿੰਚਾਈ ਹੇਠ ਲਿਖੇ ਸਾਧਨ ਰਾਹੀਂ ਕਰਦਾ/ ਕਰਦੇ ਹਾਂ।

(ਜੋ ਲਾਗੂ ਹੈ ਟਿੱਕ ਕਰੋ ਜੀ)

- ਤੁਪਕਾ (Drip) ਸਿੰਚਾਈ ਸਿਸਟਮ () ਜਾਂ ਫੁਹਾਰਾ (sprinkler) ਸਿੰਚਾਈ ਸਿਸਟਮ ()
ਜਾਂ

- ਮੈਂ ਪਹਿਲਾਂ ਤੋਂ ਕੀਤੇ ਹੋਏ ਬੋਰ ਜਿਸ ਵਿੱਚੋਂ ਪਾਣੀ ਡੀਜ਼ਲ ਇੰਜਣ ਨਾਲ ਕੱਢਿਆ ਜਾਂਦਾ ਹੈ ਉਤੇ ਤੁਪਕਾ/ਫੁਹਾਰਾ ਸਿੰਚਾਈ ਸਿਸਟਮ ਲਗਵਾ ਕੇ ਇਸ ਦਾ ਫੋਟੋਗ੍ਰਾਫ ਅਤੇ ਸਬੰਧਤ ਵਿਭਾਗ ਦਾ ਸਰਟੀਫਿਕੇਟ ਪੇਡਾ ਨੂੰ ਅਗਲੇ 15 ਦਿਨਾਂ ਵਿੱਚ ਜਮ੍ਹਾਂ ਕਰਵਾ ਦੇਵਾਂਗਾ। ਟਜਿਹਾ ਨਾ ਕਰਨ ਦੀ ਸੂਰਤ ਵਿੱਚ ਸਕੀਮ ਦੀ ਕਲਾਜ਼-8 (p ਅਤੇ q) ਅਨੁਸਾਰ ਕਾਰਵਾਈ ਲਈ ਮੈਂ ਖੁੱਦ ਜਿੰਮੇਵਾਰ ਹੋਵਾਂਗਾ। ()

- ਫਾਰਮ ਪੌਂਡ/ਡਿੱਗੀ ਜਿਸ ਨੂੰ ਨਹਿਰੀ ਜਾਂ ਦਰਿਆ ਦੇ ਪਾਣੀ ਨਾਲ ਭਰਿਆ ਜਾਂਦਾ ਹੈ। size(.....x.....) ft.()

- ਪਿੰਡ ਦਾ ਛੱਪੜ (ਸਿਰਫ ਪਿੰਡ ਦੀ ਪੰਚਾਇਤ ਲਈ) ()

ਮੈਂ / ਅਸੀਂ ਸਕੀਮ ਦੇ ਦਸਤਾਵੇਜ਼ ਨੂੰ ਚੰਗੀ ਤਰ੍ਹਾਂ ਪੜ੍ਹ ਲਿਆ ਹੈ ਅਤੇ ਤਸਦੀਕ ਕਰਦਾ/ਕਰਦੇ ਹਾਂ ਕਿ ਮੇਰੇ/ਸਾਡੇ ਵੱਲੋਂ ਦਿੱਤਾ ਗਿਆ ਉਕਤ ਬਿਆਨ ਸਹੀ-ਵਾ-ਦਰੁਸਤ ਹੈ ਅਤੇ ਕੁੱਝ ਵੀ ਛੁਪਾਇਆ ਨਹੀਂ ਗਿਆ ਹੈ ਅਤੇ ਜੇਕਰ ਦਿੱਤੀ ਗਈ ਜਾਣਕਾਰੀ ਗਲਤ ਪਾਈ ਜਾਂਦੀ ਹੈ ਤਾਂ ਸੋਲਰ ਪੰਪ ਦੀ ਅਲਾਟਮੈਂਟ ਰੱਦ ਕਰ ਦਿੱਤੀ ਜਾਵੇ ਅਤੇ ਇਸ ਸਬੰਧੀ ਪੈਣ ਵਾਲੇ ਪ੍ਰਭਾਵਾਂ ਅਤੇ ਕਾਨੂੰਨੀ ਕਾਰਵਾਈ ਲਈ ਮੈਂ ਖੁੱਦ ਜਿੰਮੇਵਾਰ ਹੋਵਾਂਗਾ।

ਮਿਤੀ.....

ਸਥਾਨ

ਬਿਆਨਕਰਤਾ 1

ਬਿਆਨਕਰਤਾ 2