

## **SOLAR WATER PUMPING SCHEME**

Ministry of New and Renewable Energy (MNRE), Govt. of India is promoting the use of solar energy for irrigation in Agriculture sector and introduced solar water pumping scheme during F.Y 1999-2000 by providing 80% subsidy on installation of solar pumping systems. Govt. of Punjab also provided 10% subsidy and a total of 1850 solar pumps of 2 HP capacity were installed in Punjab during 2000-01 to 2003-04 and lead the country in implementation of the scheme.

Under National Solar Mission, PEDDA had installed 105 solar pumps of 2HP capacity in Punjab during 2013-14. GOI and GOP had provided 30% and 40% subsidy respectively for these solar pumping systems. 2970 solar pumps of 3 & 5 HP capacity were installed in Punjab during 2018-19 and 2019-20 for which GOI & GOP had provided 30% and 50% subsidy respectively. The details of year wise achievements is as under :-

<b>Sr. No.</b>	<b>Year</b>	<b>No. of Pumps</b>
1.	2000-01	500
2.	2001-02	500
3.	2002-03	700
4.	2003-04	150
5.	2013-14	105
6.	2017-18	2605
7.	2018-19	365
	<b>Total</b>	<b>4925</b>

### **PM-KUSUM Scheme**

In order to provide energy security to the farmers and raise their income MNRE, GOI has launched Pradhan Mantri Kisan Urja Suraksha evam Utthaan Mahabhiyan (PM-KUSUM). The scheme has three components :-

Under Component-A, Solar power plants of capacity 1MW to 2MW, under Component-B, Stand alone off grid solar pumps and under Component-C grid connected solar pumps are to be installed. Govt. of India has allocated a target of 30MW solar power plants, 4500 stand alone off grid solar pumps and 3900 grid connected solar pumps to Punjab. Govt. of India and Govt. of Punjab will provide 30% & 50% subsidy respectively on installation of 3, 5, 7.5 & 10 HP capacity solar pumps under the scheme.

Photograph of the system is enclosed herewith.