

GOVERNMENT OF INDIA
MINISTRY OF NEW AND RENEWABLE ENERGY
LOK SABHA
UNSTARRED QUESTION NO. 697
ANSWERED ON 21.07.2022

SOLAR ENERGY SYSTEM TO FARMERS

+697. SHRI RAHUL KASWAN

Will the Minister of NEW AND RENEWABLE ENERGY be pleased to state:

- (a) whether the Government has decided to provide solar energy system to farmers on subsidy for irrigation;
- (b) if so, the details along with the present status thereof;
- (c) whether any target was fixed by the Government to provide solar energy system to the farmers in the country on subsidy for irrigation during the last two years and if so, the details thereof, State-wise including Rajasthan;
- (d) whether after approval of the applications of the consumers through this scheme, due to non-deposit of farmer's share amount by the farmers during the stipulated time period, the Government has set any guidelines and action plan to extend the period of cancellation of their application/keep them included in the selection list; and
- (e) if so, the details thereof?

ANSWER

**THE MINISTER OF STATE OF NEW & RENEWABLE ENERGY AND CHEMICALS
AND FERTILIZERS**

(SHRI BHAGWANTH KHUBA)

(a) to (c) The Ministry of New and Renewable Energy is implementing Pradhan Mantri Kisan Urja Suraksha evam Utthaan Mahabhiyan (PM-KUSUM), which inter-alia includes providing standalone solar pumps and solarization of the existing grid-connected agriculture pumps. The scheme has three components:

- (i) Component-A: installation of aggregated 10,000 MW capacity of small solar power plants, each of capacity up to 2 MW on the barren/fallow land of the farmers;
- (ii) Component-B: installation of 20 lakh standalone solar water pumps; and
- (iii) Component-C: solarization of 15 lakh existing grid-connected agriculture pumps including through feeder level solarisation.

For Component-B and Component-C, Government is providing central financial assistance (CFA) of 30% of the benchmark cost or cost discovered through tender, whichever is lower. In case of North-Eastern States including Sikkim, hilly States of Himachal and Uttarakhand, UTs of Jammu and Kashmir, Ladakh, Andaman & Nicobar Island and Lakshadweep a higher CFA of 50% of benchmark cost or cost discovered through tender, whichever is lower, is provided.

As PM-KUSUM is a demand-driven scheme, targets are not fixed by the Central Government. Allocations under the Scheme are made to states based on demands received. State-wise and component-wise capacities sanctioned and capacity achieved under Component-B and Component-C, including for the State of Rajasthan, are placed at **Annexure**.

(d) & (e) In view of the challenges faced on account of COVID-19 pandemic, completion period under all three components of PM-KUSUM has been increased to 24 months from the date of sanction. Further, PM-KUSUM Guidelines do not provide any specific time period within which farmers have to submit their share. Also, in order to ease implementation, Ministry is regularly monitoring the progress of implementation in the States and making the efforts to remove constraints identified from time to time.

Annexure referred in reply to part (a) to (c) of the Lok Sabha Unstarred Question No. 697 to be answered on 21.07.2022

Details of Pumps Sanctioned and Installed/ Solarized under PM-KUSUM Scheme as on 30.06.2022

S. No.	State	Component-B (Nos)		Component-C (Nos)		
		Sanctioned	Installed	Sanctioned (IPS)*	Sanctioned (FLS)#	Installed
1	Arunachal Pradesh	50	0	0	0	0
2	Assam	1000	0	603	0	0
3	Chhattisgarh	0	0	0	43265	0
4	Gujarat	2459	459	7000	39832	0
5	Goa	200	0	11000	0	0
6	Haryana	39326	36793	0	37142	0
7	Himachal Pradesh	1180	359	0	0	0
8	Jammu & Kashmir	5000	323	0	0	0
9	Jharkhand	16717	6717	208	10000	0
10	Karnataka	10314	314	0	250000	0
11	Kerala	100	0	9448	2000	21^
12	Ladakh	600	0	0	0	0
13	Madhya Pradesh	57000	7234	0	187455	0
14	Maharashtra	100000	5822	0	250000	0
15	Manipur	78	28	0	0	0
16	Meghalaya	35	35	0	10000	0
17	Nagaland	50	0	0	0	0
18	Odisha	5741	997	8310	0	0
19	Punjab	12000	10131	39	38111	0
20	Rajasthan	76210	44340	10764	25000	1026^
21	Tamil Nadu	6200	1766	20000	1311	0
22	Tripura	3021	947	2600	0	0
23	Uttar Pradesh	21842	6842	0	30000	0
24	Uttarakhand	338	73	200	0	0
25	West Bengal	0	0	5478	0	0
	Total	359461	123180	75650	925427	1047

* IPS : Solarization of individual grid connected agriculture pumps

FLS: Solarization of agriculture feeders

^ Installed under Individual Pump Solarization (IPS)