

GOVERNMENT OF INDIA
MINISTRY OF NEW AND RENEWABLE ENERGY
RAJYA SABHA
UNSTARRED QUESTION NO. 1078
ANSWERED ON 26.07.2022

ELECTRICITY TO FARMERS

1078. DR. ASHOK KUMAR MITTAL

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

- (a) whether Government proposes to provide electricity to the farmers through renewable energy sources by formulating subsidy-based renewable energy policy in the country;
- (b) if so, the details thereof, State-wise including Punjab;
- (c) whether Government is considering to provide financial assistance for carrying out research and development in the renewable energy sector;
- (d) if so, the details thereof;
- (e) whether any proposal has been received by Government in this regard; and
- (f) if so, the details thereof and the action taken by Government thereon?

ANSWER

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

(SHRI BHAGWANTH KHUBA)

- (a) & (b) The Ministry of New and Renewable Energy (MNRE) is implementing Pradhan Mantri Kisan Urja Suraksha evam Utthaan Mahabhiyan (PM-KUSUM), which inter-alia includes providing standalone solar pumps and solarization of 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.

Under Component-B and Component-C of the Scheme, Government provides 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.

State-wise details of the capacity sanctioned and achieved, including the State of Punjab are placed at **Annexure**.

(c)&(d) MNRE is implementing "Renewable Energy Research and Technology Development (RE-RTD) Programme" through research institutions and industry, to enable indigenous technology development and manufacture of new and renewable energy applications in an efficient and cost-effective manner across the country. Under this Programme, Government provides financial support up to 100% of the project cost to Government and non-profit research organizations, and financial support of 50% to 70% of the project cost to industrial entities including Start-ups, Private Institutes, Entrepreneurs and Manufacturing units.

(e) & (f) Under the RE-RTD programme, proposals are invited through "Call for Proposal" issued from time to time, and are considered on merit as per RE-RTD guidelines. Out of the various proposals approved by MNRE so far, 11 number of R&D projects are currently under implementation. Latest call for proposals under the Scheme has been issued on 01.06.2022 and the closing date for submission of proposals is 15.08.2022.

Annexure referred in reply to part (a) & (b) of the Rajya Sabha Unstarred Question No. 1078 to be answered on 26.07.2022

Details of Sanctions and Achievements under PM-KUSUM Scheme as on 30.06.2022

S. No.	State	Component-A (MW)		Component-B (Nos)		Component-C (Nos)		
		Sanctioned	Installed	Sanctioned	Installed	Sanctioned (IPS)	Sanctioned (FLS)	Installed
1	Andhra Pradesh	0	0	0	0	0	0	0
2	Arunachal Pradesh	0	0	50	0	0	0	0
3	Assam	50	0	1000	0	603	0	0
4	Chhattisgarh	30	0	0	0	0	43265	0
5	Delhi	0	0	0	0	0	0	0
6	Gujarat	500	0	2459	459	7000	39832	0
7	Goa	50	0	200	0	11000	0	0
8	Haryana	65	2.25	39326	36793	0	37142	0
9	Himachal Pradesh	30	16	1180	359	0	0	0
10	Jammu & Kashmir	5	0	5000	323	0	0	0
11	Jharkhand	50	0	16717	6717	208	10000	0
12	Karnataka	0	0	10314	314	0	250000	0
13	Kerala	40	0	100	0	9448	2000	21
14	Ladakh	0	0	600	0	0	0	0
15	Madhya Pradesh	500	0	57000	7234	0	187455	0
16	Maharashtra	500	0	100000	5822	0	250000	0
17	Manipur	0	0	78	28	0	0	0
18	Meghalaya	5	0	35	35	0	10000	0
19	Nagaland	0	0	50	0	0	0	0
20	Odisha	500	0	5741	997	8310	1311	0
21	Puducherry	7	0	0	0	0	0	0
22	Punjab	220	0	12000	10131	39	38111	0
23	Rajasthan	1200	38	76210	44340	10764	25000	1026
24	Tamil Nadu	424	0	6200	1766	20000	1311	0
25	Telangana	500	0	0	0	0	0	0
26	Tripura	5	0	3021	947	2600	0	0
27	Uttar Pradesh	225	0	21842	6842	0	30000	0
28	Uttarakhand	0	0	338	73	200	0	0
29	West Bengal	0	0	0	0	5478	0	0
	Total	4906	56.25	359461	123180	75650	925427	1047