

GOVERNMENT OF INDIA
MINISTRY OF NEW AND RENEWABLE ENERGY
LOK SABHA
UNSTARRED QUESTION NO. 2861
TO BE ANSWERED ON 05.12.2019

SOLAR PUMPING PROGRAMME

2861. DR. SHRIKANT EKNATH SHINDE

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

- (a) the objectives and targets of the Solar Pumping Programme for Irrigation and Drinking Water in the country;
- (b) the number of pumps installed in Maharashtra since the inception of the programme and the number of them operational, district-wise;
- (c) whether any steps are being taken by the Government to install more solar pumps in the country and if so, the details thereof;
- (d) whether these energy efficient pumps are enabled with smart control panel and a SIM card that will enable the farmers with the flexibility to remotely control these pumps and if so, the details thereof; and
- (e) whether the Government proposes to organize training programme for the awareness of farmers about the technological features of these pumps and if so, the details thereof?

ANSWER

THE MINISTER OF STATE (I/C) FOR NEW & RENEWABLE ENERGY, POWER and MoS
for SKILL DEVELOPMENT AND ENTREPRENEURSHIP

(SHRI R.K. SINGH)

(a) & (b) Under Off-grid and Decentralised Solar PV Applications Programme (Phase I & II) of the Ministry of New and Renewable Energy (MNRE), central financial support was being provided for installation of standalone solar pumps throughout the country to provide reliable source of irrigation and drinking water, particularly in remote and rural areas which were unserved and underserved by grid-based electricity.

The State of Maharashtra has reported that till 31.3.2019, a total number of 11,728 standalone solar pumps have been installed and all of them are operational. District-wise numbers are given in the **Annexure**.

(c) to (e) MNRE issued guidelines for implementation of Pradhan Mantri Kisan Urja Suraksha evam Utthaan Mahabhiyaan (PM-KUSUM) Scheme in the country on 8.3.2019, which, inter alia, provides for:

- (i) installation of 17.5 lakh standalone off-grid solar water pumps for irrigation purpose; and
- (ii) solarization of 10 lakh existing grid-connected agriculture pumps.

The solar agriculture pumps under the PM-KUSUM Scheme are to be installed as per MNRE specifications and should have remote monitoring system with the facility to remotely control the pump.

Further, the vendor has to provide AMC for five years from the date of installation, helpline, district level service centre and comply with standards of performance in dealing with complaints including training of locals.

ANNEXURE

Annexure-I referred to in reply to parts (a &b) of Lok Sabha Un-starred Question No. 2861 for 5/12/2019

**District-wise Solar Pumps Installed In the State of Maharashtra as on
31.03.2019**

Sr.No	District Name	No. of Solar Pumps Installed
1	Amravati	599
2	Yavatmal	636
3	Akola	862
4	Buldhana	997
5	Washim	1072
6	Nagpur	307
7	Bhandara	284
8	Chandrapur	225
9	Gadchiroli	262
10	Gondia	142
11	Wardha	197
12	Aurangabad	247
13	Jalna	353
14	Parbhani	212
15	Hingoli	147
16	Beed	411
17	Osmanabad	402
18	Latur	288
19	Nanded	221
20	Thane	164
21	Palghar	157
22	Raigad	64
23	Kolhapur	180
24	Sangli	131
25	Sindhudurg	36
26	Ratnagiri	81
27	Pune	312
28	Satara	179
29	Solapur	361
30	Nashik	397
31	Dhule	333
32	Jalgaon	524
33	Nandurbar	351
34	Ahemadnagar	594
	Total	11728