

GOVERNMENT OF INDIA  
MINISTRY OF NEW AND RENEWABLE ENERGY  
**LOK SABHA**

**UNSTARRED QUESTION NO. 3209**

TO BE ANSWERED ON 04.08.2016

**SOLAR PUMPING PROGRAMME FOR IRRIGATION AND DRINKING WATER**

3209. **SHRI DHANANJAY MAHADIK:**  
**SHRI MOHITE PATIL VIJAYSINH**  
**SHANKARRAO:**  
**SHRI ARVIND SAWANT:**  
**SHRI MAHEISH GIRRI:**  
**SHRI SATAV RAJEEV:**

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 various States of the country since the inception of the programme and the number of them operational, State-wise including Maharashtra;
- (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, 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, if so, the details thereof;

**ANSWER**

MINISTER OF STATE FOR POWER, COAL , NEW & RENEWABLE ENERGY & MINES (SHRI PIYUSH GOYAL)

**(a):** The objective of the solar pumping programme is:

1. To provide clean power to the farmers for their irrigation needs
  2. To provide drinking water through reliable and clean power especially in remote and rural areas.
- A target of 1,00,000. Solar pumps was set during 2014-15, but there were no year wise specific targets. However solar pumps are being sanctioned based on the demand received from the States.

**(b):** The pumps installed in various States of the country including Maharashtra is placed at Annexure-1. There is no report about non-functionality of solar pumps.

**(c):** Ministry is continuing to promote solar pumps through State Nodal Agencies and NABARD by providing Central Financial Assistance for installation of solar pumps for irrigation and drinking water.

**(d):** These energy efficient pumps sanctioned during and after 2014-15 have remote monitoring facility with sim card and have automatic on & off facility.

**(e):** As part of the scheme, awareness and training programme are being conducted targeting farmers and explaining to them the benefits of efficient technologies, smart panels and best practices in operation and maintenance.

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Annexure 1 to reply unstarred Q.No. 3209 to be answered on 04.08.2016

**State Wise Cumulative Installed Solar Pumps**

<b>Status of Solar Pumps for Irrigation &amp; Drinking Water</b>	
<b>State</b>	<b>Installed as on 30.06.2016</b>
Andhra Pradesh	6689
Arunachal Pradesh	18
Assam	45
Bihar	2098
Chhattisgarh	4580
Goa	15
Gujarat	2402
Haryana	543
Himachal Pradesh	6
Jammu & Kashmir	39
Jharkhand	1869
Karnataka	2937
Kerala	810
Madhya Pradesh	3684
Maharashtra	297
Manipur	40
Meghalaya	19
Mizoram	37
Nagaland	3
Odisha	5674
Punjab	1857
Rajasthan	31323
Tamil Nadu	4763
Tripura	151
Uttar Pradesh	5458
Uttarakhand	26
West Bengal	653
Andaman & Nicobar	5
Chandigarh	12
Delhi	90
Puducherry	21
Telangana	238
NABARD (Bank programme)	983
<b>Grand Total</b>	<b>77385</b>