

GOVERNMENT OF INDIA
MINISTRY OF NEW AND RENEWABLE ENERGY
LOK SABHA
UNSTARRED QUESTION NO. 824
TO BE ANSWERED ON 07.02.2019

GROWTH IN SOLAR POWER

824. SHRI ANURAG SINGH THAKUR

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

- (a) whether there has been a significant growth in solar power in the country over the last three years, if so, the details thereof;
- (b) the measures taken by the Government to ensure cost reduction in setting up of solar units; and
- (c) the details on the number of solar pumps set up in the last three years and the current year, State/UT-wise data thereof?

ANSWER

THE MINISTER OF STATE FOR NEW & RENEWABLE ENERGY AND POWER (I/C)
(SHRI R. K. SINGH)

(a) The Compounded Annual Growth Rate of solar power installation has been 76.11% over the last three years. The details of grid connected solar power capacity installed in last 3 years are as under:

Year	Capacity installed (in MW)
2015-16	3019
2016-17	5526
2017-18	9363

(b) The Government has taken various measures to reduce cost through accelerated deployment of solar energy in the country. These inter-alia, include the following:

- (i) Announcement of a target of installing 100 GW of solar energy capacity by March, 2022;
- (ii) Declaration of trajectory for Renewable Purchase Obligation (RPO) up to the year 2021-22;
- (iii) Fiscal & financial incentives such as Capital Subsidy, Viability gap funding (VGF), accelerated depreciation benefits etc;
- (iv) Permitting 100% Foreign Direct Investment (FDI) under the automatic route in renewable energy sector;
- (v) Issued guidelines for procurement of solar and wind power through tariff based competitive bidding process;
- (vi) Waiving of Inter State Transmission System Charges and losses for inter-state sale of solar and wind power for projects to be commissioned up to March, 2022;
- (vii) Raising funds from bilateral and multilateral finance and development institutions;
- (viii) Implementation of Green Energy Corridor project to facilitate integration of large scale renewable generation capacity addition.

(c) State/UT-wise details of solar pumps set up in the country during last three years and the current year are given at **Annexure**.

ANNEXURE REFERRED TO IN REPLY TO PART (C) OF LOK SABHA UNSTARRED QUESTION NO. 824 FOR 07.02.2019

STATE/UT-WISE DETAILS OF SOLAR PUMPS SET UP IN THE LAST THREE YEARS AND THE CURRENT YEAR

(As on 31.12.2018)

Solar Pumps Installed (Nos.)						
S.No.	State/UT	2015-16	2016-17	2017-18	2018-19	Total
1	Andhra Pradesh	5165	4841	13925	8682	32613
2	Arunachal Pradesh	0	4	0	0	4
3	Assam	0	0	0	0	0
4	Bihar	1743	0	0	225	1968
5	Chhattisgarh	1300	9585	28750	8300	47935
6	Delhi	0	0	0	0	0
7	Goa	0	0	0	0	0
8	Gujarat	2317	5649	3471	0	11437
9	Haryana	74	0	750	0	824
10	Himachal Pradesh	0	0	0	0	0
11	Jammu & Kashmir	0	0	0	0	0
12	Jharkhand	0	3146	556	155	3857
13	Karnataka	2229	697	1359	859	5144
14	Kerala	0	0	8	0	8
15	Madhya Pradesh	1719	2007	1771	7319	12816
16	Maharashtra	12	1777	1287	0	3076
17	Manipur	0	0	0	0	0
18	Meghalaya	0	0	0	0	0
19	Mizoram	0	0	0	0	0
20	Nagaland	0	0	0	0	0
21	Orissa	1101	5922	1718	140	8881
22	Punjab	0	0	0	0	0
23	Rajasthan	9720	9867	0	7134	26721
24	Sikkim	0	0	0	0	0
25	Tamil Nadu	3085	849	0	0	3934
26	Telangana	0	424	0	0	424
27	Tripura	0	0	0	0	0
28	Uttar Pradesh	3700	5644	1223	2613	13180
29	Uttarakhand	0	0	0	0	0
30	West Bengal	0	605	0	0	605
31	Andaman & Nicobar	0	0	0	0	0
32	Chandigarh	0	0	0	0	0
33	Lakshadweep	0	0	0	0	0
34	Puducherry	0	0	0	0	0
35	Others	0	0	0	609	609
36	NABARD	0	2027	1532	0	3559
	Total	32165	53044	56350	36036	177595