

GOVERNMENT OF INDIA
MINISTRY OF NEW AND RENEWABLE ENERGY
LOK SABHA
UNSTARRED QUESTION NO. 1789
TO BE ANSWERED ON 28.12.2017

INSTALLED CAPACITY OF SOLAR & WIND ENERGY

1789. SHRIMATI JYOTI DHURVE:

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

- (a): the details of the installed capacity of solar and wind energies in the country at present, State/UT-wise;
- (b): whether any efforts are being made by the Government to promote the renewable energy; and
- (c): if so, the details thereof?

ANSWER

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

(a): The state-wise details of installed grid connected solar and wind projects as on 30.11.2017 are given in **Annexure**.

(b) and (c): The Government have increased the target of installing renewable energy capacity to 1,75,000 MW by the year 2022 which includes 1,00,000 MW from solar, 60,000 MW from wind, 10,000 MW from bio-power and 5,000 MW from small hydro-power. The Government have introduced various new initiatives and policies through its various schemes for the overall development and promotion of renewable energy in the country which include:

- fiscal and promotional incentives such as capital and/or interest subsidy
- waiver of Inter State Transmission System (ISTS) charges and losses
- incentives in the form of generation based incentives/subsidies and Viability Gap Funding (VGF);
- amendments in the Tariff Policy for strong enforcement of Renewable Purchase Obligation (RPO) and for providing Renewable Generation Obligation (RGO);
- setting up of exclusive solar parks;
- development of power transmission network through Green Energy Corridor project;
- identification of large government complexes/ buildings for rooftop projects;
- infrastructure status for solar projects;
- raising tax free bonds and taxable green energy bonds, so as to enable access to cheaper finance.
- mechanism for scheduling and forecasting in case of inter-state transmission of solar and wind power;
- planning exploitation of offshore wind power, floating solar power and hybrid wind-solar power.

ANNEXURE

**ANNEXURE REFERRED TO IN REPLY TO PART (A) OF LOK SABHA
UNSTARRED QUESTION NO. 1789 FOR 28.12.2017**

State-wise installed capacity of Grid Interactive Solar and Wind Energies as on 30.11.2017.				
S. No.	STATES / UTs	Wind Power	Solar Power	
			Ground Mounted	Roof Top
		(MW)	(MW)	(MW)
1	Andhra Pradesh	3808.75	2142.87	22.34
2	Arunachal Pradesh		0.27	4.12
3	Assam		10.00	1.11
4	Bihar		138.00	2.61
5	Chhattisgarh		166.35	7.65
6	Goa		0.00	0.52
7	Gujarat	5518.77	1221.52	82.59
8	Haryana		129.80	74.05
9	Himachal Pradesh		0.00	1.48
10	Jammu & Kashmir		1.00	0.92
11	Jharkhand		16.65	4.67
12	Karnataka	3793.10	1716.5	84.35
13	Kerala	51.50	50.00	19.95
14	Madhya Pradesh	2497.790	1167.73	17.13
15	Maharashtra	4777.63	379.25	142.63
16	Manipur		0.00	1.33
17	Meghalaya		0.00	0.06
18	Mizoram		0.10	0.10
19	Nagaland		0.00	0.00
20	Odisha		76.06	3.45
21	Punjab		806.8	41.79
22	Rajasthan	4281.72	2258.5	51.96
23	Sikkim		0.00	0.01
24	Tamil Nadu	7912.50	1712.27	107.15
25	Telangana	100.80	2963.33	26.74
26	Tripura		5.00	0.00
27	Uttar Pradesh		454.00	55.38
28	Uttarakhand		230.80	15.63
29	West Bengal		16.62	23.22
30	Andaman & Nicobar		11.15	1.00
31	Chandigarh		5.04	13.85
32	Dadar & Nagar Haveli		0.00	0.48
33	Daman & Diu		10.00	0.39
34	Delhi		2.84	55.18
35	Lakshadweep		0.75	0.00
36	Pondicherry		0.03	0.08
37	Others	4.30	54.61	
	Total (MW)	32746.860	15747.84	863.92
MW = Megawatt				