

GOVERNMENT OF INDIA
MINISTRY OF NEW AND RENEWABLE ENERGY
LOK SABHA
UNSTARRED QUESTION NO. 1014
TO BE ANSWERED ON 21.12.2017

GENERATION OF SOLAR AND WIND POWER

1014. SHRI BHAIRON PRASAD MISHRA:

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

- (a): the details of the quantum of solar and wind power generated during each of the last three years and the current year in these sectors, State and sector-wise; and
- (b): the details of the action plan of the Government in the fields of solar and wind energy for the next two years?

ANSWER

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

(a): State-wise details of solar and wind power generation during each of the last three years and the current year are given in the **Annexure**.

(b): The Government has revised the target for installing solar capacity from 20 GW to 100 GW by 2022 for grid connected solar power projects. The target for wind power projects has been fixed as 60 GW by 2022. In order to achieve these targets, the tendering trajectory for solar and wind power projects has been formulated as under:

Year	Solar projects (GW)	Wind power projects (GW)
2017-18	20	8
2018-19	30	10
2019-20	30	10

Annexure Referred to in reply to Part (a) of Lok Sabha Unstarred Question No. 1014 for 21.12.2017

(all figures in MU)

Sl. No.	State/Utility	2014-15		2015-16		2016-17		2017-18	
		Wind	Solar	Wind	Solar	Wind	Solar	Wind	Solar
1	Andaman & Nicobar	0	0		6.26	0	6.17	0	3.55
2	Andhra Pradesh	1675.82	159.77	2013.04	282.67	3187.85	1599.78	4715.18	1936.54
3	Arunachal Pradesh	0	0	0	0.22	0	0.14	0	0.07
4	Assam	0	9.65	0	31.6	0	2.69	0	3.52
5	Bihar	0	0	0	6.39	0	109.18	0	78.07
6	Chandigarh	0	2.23	0	3.4	0	13.16	0	5.09
7	Chhattisgarh	0	13.54	0	52.7	0	120.91	0	65.68
8	Dadra and Nagar Haveli	0	0.03	0	0.5	0	1.31	0	2.73
9	Daman & Diu	0	0.15	0	4.25	0	14.43	0	10.61
10	Delhi	0	3.18	0	4.11	0	5.68	0	8.42
11	Gujarat	5660.09	1474.56	6446.58	1497.6	7720.01	1738.28	6664.99	1110
12	Haryana	0	10.36	0	114.96	0	19.7	0	38.3
13	HP	0	0	0	0	0	0	0	0
14	J & K	0	0	0	0	0	0.77	0	0
15	Jharkhand	0	8.32	0	19.77	0	38.47	0	11.15
16	Karnataka	4658.1	100.39	4797.95	187.69	6058.65	524.67	5478.39	874.25
17	Kerala	58.4		51.45	7.38	72.59	26.52	71.24	28.33
18	Lakshadweep	0	5.13	0	1.02	0	1.59	0	1.06
19	Madhya Pradesh	592.25	562.29	1558.43	1105.28	3563.17	1366.1	3060.41	920.41
20	Maharashtra	6804.8	349.32	6121.34	638.76	7490.75	577.83	5336.74	518.04
21	Manipur	0	0	0	0	0	0.01	0	0.03
22	Meghalaya	0	0	0	0	0	0	0	0
23	Mizoram	0	0	0	0	0	0	0	0
24	Nagaland	0	0	0	0	0	0	0	0
25	Odisha	0	44.94	0	150.73	0	210.81	0	124.37
26	Punducherry	0	0	0	0	0	0.34	0	0.9
27	Punjab	0	129.89	0	380.57	0	909.2	0	919.07
28	Rajasthan	4053.85	1259.19	4583.59	1766.1	5562.52	2131.61	4219.33	1895.92
29	Sikkim	0	0	0	0	0	0	0	0
30	Tamil Nadu	10147.06	158.75	7273.23	507.18	11935.26	1898.34	10080.93	1574.45
31	Telangana	0	138.12	0	402.51	211.93	1337.9	137.89	1677.84
32	Tripura	0	0	0	0	0	0	0	0
33	Uttar Pradesh	0	20.13	0	89.75	0	230.95	0	298.87
34	Uttarakhand	0	11.63	0	5.87	0	37.77	0	147.95
35	West Bengal	0.16	7.07	0	6.28	0	14.96	0	11.15
36	Central Utilities*	117.78	130.37	183.77	174.39	201.61	560.13	174.02	707.21
	Total	33768.3	4599.02	33029.39	7447.92	46004.34	13499.41	39939.1	12973.6

Note: * NTPC/Oil India Ltd. /DVC/NEEPCO-
Source-Inputs received from Central Electricity Authority