

GOVERNMENT OF INDIA  
MINISTRY OF NEW AND RENEWABLE ENERGY  
**LOK SABHA**  
**UNSTARRED QUESTION NO. 3130**  
ANSWERED ON 16.12.2021

**WIND – SOLAR HYBRID PARK**

3130. DR. BHARATIBEN DHIRUBHAI SHIYAL  
SHRI SUDARSHAN BHAGAT  
SHRI VISHNU DATT SHARMA

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

- (a) whether the Government has identified any location to set up wind park or wind solar hybrid park in the country;
- (b) if so, the details thereof, State-wise including Gujarat and Madhya Pradesh and if not, the reasons therefor;
- (c) whether the interest of the people across the country has increased towards solar and wind energy;
- (d) if so, the details thereof, State-wise; and
- (e) if not, the steps taken by the Government to encourage them?

**ANSWER**

**THE MINISTER OF NEW & RENEWABLE ENERGY AND POWER**

**(SHRI R.K. SINGH)**

(a) & (b) Yes Sir. The probable sites identified for setting up wind or wind solar hybrid park have been conveyed by MNRE to States vide letter dated 16.11.2021. The state-wise details of sites, including Gujarat and Madhya Pradesh, are given at **Annex I**.

(c) & (d) The installed solar and wind capacities have increased rapidly between 2014 and 2021. The cumulative installed capacity of solar and wind energy has increased by 17.2 and 1.9 times respectively from March 2014 to November 2021. The State-wise details are at **Annex II**.

(e) Question does not arise.

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Annex I referred to in reply to part (a) & (b) of the Lok Sabha Unstarred

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State	District	Area (sq. km) available	Average Wind Speed (m/s)	Installable Potential (MW) [assuming 5 MW / sq.km]
Tamil Nadu	Tirunelveli	68	7.326	340
	Tuticorin	169	6.998	845
	Coimbatore & partially Palakkad (Kerala)	351	8.588	1755
	Tiruchirappalli & Perambalur	547	7.093	2735
Karnataka	Tumakuru	530	7.307	2650
	Chitradurga & Davangere	640	7.132	3200
	Bellary & Davangere	924	7.139	4620
	Chitradurga	269	7.153	1345
	Chitradurga & Davangere	380	7.194	1900
Gujarat	Junagadh & Porbandar	2900	7.017	14500
	Kutch	771	7.329	3855
	Kutch	680	7.510	3400
	Kutch	590	7.434	2950
	Kutch	308	7.297	1540
Rajasthan	Barmer	265	6.50	1325
	Barmer	109	6.52	545
Madhya Pradesh	West Nimar	220	6.91	1100
Telangana	Ranga Reddy	346	7.14	1730
	Ranga Reddy	197	6.61	985
Andhra Pradesh	Anantapur	361	7.13	1805
<b>Total (MW)</b>				<b>53125</b>

**Annex II referred to in reply to part (c) & (d) of the Lok Sabha Unstarred**

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S. No.	STATES / Uts	Cumulative installed capacity as on 31.03.2014 (MW)		Cumulative installed capacity as on 30.11.2021 (MW)	
		Wind Power	Solar Power	Wind Power	Solar Power
1	Andhra Pradesh	746.1	135.97	4096.65	4380.71
2	Arunachal Pradesh		1.57		11.23
3	Assam		1.42		68.57
4	Bihar		1.66		190.53
5	Chhatisgarh		22.70		501.58
6	Goa		0.08		18.49
7	Gujarat	3454.39	926.75	8969.12	6157.84
8	Haryana		16.72		787.38
9	Himachal Pradesh		3.04		63.68
10	Jammu & Kashmir		7.99		46.87
11	Jharkhand		17.16		88.07
12	Karnataka	2318.1	36.86	5066.70	7513.71
13	Kerala	35.1	4.07	62.50	326.89
14	Ladakh				7.8
15	Madhya Pradesh	423.39	349.95	2519.89	2673.64
16	Maharashtra	4095.80	251.32	5012.83	2540.63
17	Manipur		0.83		12.18
18	Meghalaya		0.82		4.1
19	Mizoram		0.78		7.88
20	Nagaland		1.15		3.04
21	Odisha		31.28		430.49
22	Punjab		21.66		1097.44
23	Rajasthan	2785.02	756.25	4326.82	9512.59
24	Sikkim		1.7		4.64
25	Tamil Nadu	7269.58	108.50	9846.69	4810.23
26	Telangana			128.10	4040.67
27	Tripura		2.93		14.87
28	Uttar Pradesh		45.68		2123.57
29	Uttarakhand		11.75		552.8
30	West Bengal		17.65		163.95
31	Andaman & Nicobar		5.34		29.49
32	Chandigarh		2.81		53.45
33	Dadar & Nagar Haveli		0		5.46
34	Daman & Diu		0		40.72
35	Delhi		5.67		211.12
36	Lakshwadeep		1.92		3.27
37	Pondicherry		0.09		12.05
38	Others	4.3	27.87	4.30	45.01
	<b>Total (MW)</b>	<b>21131.78</b>	<b>2821.91</b>	<b>40033.60</b>	<b>48556.64</b>