

GOVERNMENT OF INDIA
MINISTRY OF NEW AND RENEWABLE ENERGY
LOK SABHA
UNSTARRED QUESTION NO-6367
TO BE ANSWERED ON-05.04.2018

DEVELOPMENT OF WIND POWER PROJECTS

6367. SHRI UDAY PRATAP SINGH

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

- (a) whether the Government has conducted any survey / assessment of lower power generation sector/area of the country;
- (b) if so, the details thereof, State-wise;
- (c) whether the Government proposes to prepare any scheme so as to ensure uninterrupted development of wind power projects in all the States of the country including Madhya Pradesh or any such scheme is under consideration of the Government; and
- (d) if so, the details thereof?

ANSWER

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

(a)&(b) The National Institute for Wind Energy (NIWE), Chennai under the Ministry of New and Renewable Energy has carried out extensive wind and solar resource assessment by installing dedicated wind monitoring stations and solar radiation resource assessment stations throughout the country. The Biomass Atlas showing the potential of biomass power has been developed by Indian Institute of Science (IISc), Bangalore. In addition, the Alternative Hydro Energy Centre, IIT, Roorkee has assessed the potential for Small Hydro Power. The details are provided in Annexure.

(c)&(d) For the orderly development and deployment of wind power projects in the country, the Ministry of Power has issued guidelines for tariff based competitive bidding on 08.12.2017. The objectives of these guidelines inter-alia is to provide a framework for procurement of wind power through transparent process of bidding, standardization of the process and defining the roles and responsibilities of various stakeholders. These guidelines also aim to enable the Distribution Licensees to procure wind power at competitive rates in a cost effective manner. The guidelines are applicable for the entire country including the State of Madhya Pradesh.

ANNEXURE

**REFERRED TO IN REPLY TO PART (a)&(b) OF THE LOK SABHA UNSTARRED
QUESTION NO. 6367 FOR ANSWER ON 05.04.2018**

State-wise & source-wise estimated potential for Renewable Energy

Sl. No.	STATES / UTs	Wind Power (MW)	Solar Power (MW)	Small Hydro Power (MW)	Bio-Energy		
					Biomass Power (MW)	Bagasse Cogeneration (MW)	Waste To Energy (MW)
1	Andhra Pradesh	44229	38440	978	578	300	123
2	Arunachal Pradesh	-	8650	1341	8	-	-
3	Assam	-	13760	239	212	-	8
4	Bihar	-	11200	223	619	300	73
5	Chhattisgarh	77	18270	1107	236	-	24
6	Goa	1	880	7	26	-	-
7	Gujarat	84431	35770	202	1221	350	112
8	Haryana	-	4560	110	1333	350	24
9	Himachal Pradesh	-	33840	2398	142	-	2
10	Jammu & Kashmir	-	111050	1431	43	-	-
11	Jharkhand	-	18180	209	90	-	10
12	Karnataka	55857	24700	4141	1131	450	-
13	Kerala	1700	6110	704	1044	-	36
14	Madhya Pradesh	10484	61660	820	1364	-	78
15	Maharashtra	45394	64320	794	1887	1250	287
16	Manipur	-	10630	109	13	-	2
17	Meghalaya	-	5860	230	11	-	2
18	Mizoram	-	9090	169	1	-	2
19	Nagaland	-	7290	197	10	-	-
20	Orissa	3093	25780	295	246	-	22
21	Punjab	-	2810	441	3172	300	45
22	Rajasthan	18770	142310	57	1039	-	62
23	Sikkim	-	4940	267	2	-	-
24	Tamil Nadu	33800	17670	660	1070	450	151
25	Telangana	4244	20410	-	-	-	-
26	Tripura	-	2080	47	3	-	2
27	Uttar Pradesh	-	22830	461	1617	1250	176
28	Uttarakhand	-	16800	1708	24	-	5
29	West Bengal	2	6260	396	396	-	148
30	Andaman & Nicobar	8	-	8	-	-	-
31	Chandigarh	-	-	-	-	-	6
32	Dadar & Nagar Haveli	-	-	-	-	-	-
33	Daman & Diu	-	-	-	-	-	-
34	Delhi	-	2050	-	-	-	131
35	Lakshwadeep	8	-	-	-	-	-
36	Pondicherry	153	-	-	-	-	3
37	Others	-	790	-	-	-	1022
	Total	302251	748990	19749	17538	5000	2554