

**GOVERNMENT OF INDIA
NEW AND RENEWABLE ENERGY
LOK SABHA**

UNSTARRED QUESTION NO:5838
ANSWERED ON:30.04.2010
SOLAR AND SMALL HYDRO POWER PROJECTS
Majhi Shri Pradeep Kumar

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

- (a) whether the Government has identified any sites for the setting up of solar and small hydro power projects in the country including Orissa particularly in the tribal region;
- (b) if so, the details thereof; State-wise; and
- (c) the number of such projects sanctioned?

Answer

THE MINISTER OF NEW AND RENEWABLE ENERGY (DR. FAROOQ ABDULLAH)

(a)&(b): Solar radiation monitoring is undertaken by India Meteorological Department in various parts of the country. As a part of recently announced 'Jawaharlal Nehru National Solar Mission' by the Government, the Project Developers are to set up grid connected solar power plants on build, own and operate basis on a suitable site. Regarding small hydro projects, 5718 potential sites with an aggregate capacity of 15,384 MW have been identified in the country which includes 22 sites of about 300 MW total capacity in Orissa. The state-wise details of the capacity of small hydro projects from these potential sites are given in Annexure – 1.

(c): A total of over 10 MW capacity grid connected solar power projects have been set up in the country so far. However, no such plant has yet been set up in Orissa. Regarding small hydro power projects in Orissa, 9 projects of 64.3 MW capacity have been set up.

Annexure – I

Annexure-I referred to in reply to Parts (a)&(b) of Lok Sabha Unstarred Question No. 5838 for 30.4.2010. STATE WISE IDENTIFIED SMALL HYDEL SITES AND POTENTIAL UP TO 25 MW CAPACITY

S.No Name of State IDENTIFIED NUMBER OF SITES Total Capacity
(in MW)

1	Andhra Pradesh	497	560.18
2	Arunachal Pradesh	550	1,328.68
3	Assam	119	238.69
4	Bihar	95	213.25
5	Chhatisgarh	184	993.11
6	Goa	6	6.50
7	Gujarat	292	196.97
8	Haryana	33	110.05
9	Himachal Pradesh	536	2,267.81

10	Jammu & Kashmir	246	1,417.80
11	Jharkhand	103	208.95
12	Karnataka	138	747.59
13	Kerala	245	704.10
14	Madhya Pradesh	299	803.64
15	Maharashtra	255	732.63
16	Manipur	114	109.13
17	Meghalaya	101	229.80
18	Mizoram	75	166.93
19	Nagaland	99	188.98
20	Orissa	222	295.47
21	Punjab	237	393.23
22	Rajasthan	66	57.17
23	Sikkim	91	265.55
24	Tamil Nadu	197	659.51
25	Tripura	13	46.86
26	Uttar Pradesh	251	460.75
27	Uttaranchal	444	1,577.44
28	West Bengal	203	396.11
29	A&N Island	7	7.27
	TOTAL	5,718	15,384.15