

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

STARRED QUESTION NO:339  
ANSWERED ON:27.04.2012  
SMALL HYDRO POWER PROJECTS  
Dashmuni Deepa ;Pradhan Shri Nityananda

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

- (a) the present status of small hydro power projects alongwith the number of projects functioning in the country, State-wise;
- (b) whether the vast potential of power from such projects has not been tapped in the country;
- (c) if so, the details thereof along with the steps being taken or proposed to be taken by the Government to exploit the potential from such projects;
- (d) whether the Government has sought assistance from some developed countries for development of small hydro power projects in the country; and
- (e) if so, the details thereof?

**Answer**

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

(a), (b), (c), (d) & (e): A statement is laid on the Table of the House.

STATEMENT

Statement referred to in reply to parts (a),(b),(c),(d)& (e) of the Lok Sabha Starred Question No. 339 for 27.04.201210 regarding Small Hydro Power Projects by Shrimati Deepa Dasmuni and Shri Nityananda Pradhan

(a): India has an estimated potential of about 19,750 MW of Small Hydro Power (SHP) projects. So far, 897 SHP projects with an aggregate capacity of 3395 MW have been setup and 349 projects aggregating to 1315 MW are under implementation. State-wise details of SHP potential, projects installed and under implementation are given at Table-1. Ministry of New and Renewable Energy ensures performance testing of all the plants for their functionality. The Ministry has not received any complaints about non-functionality of the plants.

(b): Setting up of small hydro projects comes under the purview of State Governments. Potential sites are either developed by the state or allotted to private developers for setting up of projects. During the 11th Plan, a capacity of 1419 MW was added against 536 MW during the 10th Plan. A capacity addition of 2100 MW from SHP projects has been planned during the 12th Five Year Plan.

(c): Ministry of New and Renewable Energy is providing Central Financial Assistance (CFA) to set up small / micro hydro projects both in public and private sectors. Financial support is also given to the State Government for identification of new potential sites including survey and preparation of DPRs, and renovation and modernization of old SHP projects. It also helps the State Governments in formulating their policies for the development of small hydro projects and exploitation of this potential.

(d): India has adequate capabilities of setting up small hydro projects. The Government has not sought assistance from any developed country to set up small hydro projects.

(e): Does not arise.

Table - I

Table referred to in reply to part (a) of the Lok Sabha Starred Question No. 339 for 27.04.2012 regarding Small Hydro Power Projects by Shrimati Deepa Dasmuni and Shri Nityananda Pradhan

STATE WISE NUMBERS AND AGGREGATE CAPACITY OF SHP PROJECTS (UPTO 25 MW) POTENTIAL, INSTALLED & UNDER IMPLEMENTATION

(as on 31.3.2012)

S.No. State Potential Projects installed Projects under

	Nos.	Total Capacity (MW)	Nos.	Capacity (MW)	Nos.	Capacity (MW)
1 Andhra Pradesh	387	978.40	66	217.830	15	35.25
2 Arunachal Pradesh	677	1341.38	115	79.225	78	46.91
3 Assam	119	238.69	5	31.110	4	15.00
4 Bihar	93	223.05	25	64.300	9	24.10
5 Chattisgarh	200	1107.15	7	20.250	6	147.00
6 Goa	6	6.50	1	0.050	-	-
7 Gujarat	292	201.97	5	15.600	-	-
8 Haryana	33	110.05	7	70.100	2	3.35
9 Himachal Pradesh	531	2397.91	142	527.655	47	182.45
10 J&K	245	1430.67	35	130.530	9	34.65
11 Jharkhand	103	208.95	6	4.050	8	34.85
12 Karnataka	834	4141.12	127	882.450	43	348.25
13 Kerala	245	704.10	23	149.670	11	52.75
14 Madhya Pradesh	299	820.44	11	86.160	3	4.90
15 Maharashtra	274	794.33	45	281.325	22	89.80
16 Manipur	114	109.13	8	5.450	3	2.75
17 Meghalaya	97	230.05	4	31.030	3	1.70
18 Mizoram	72	168.90	18	36.470	1	0.50
19 Nagaland	99	196.98	10	28.670	4	4.20
20 Orissa	222	295.47	9	64.300	4	3.60
21 Punjab	259	441.38	46	154.500	12	21.15
22 Rajasthan	66	57.17	10	23.850	-	-
23 Sikkim	88	266.64	17	52.110	1	0.20
24 Tamil Nadu	197	659.51	21	123.050	-	-
25 Tripura	13	46.86	3	16.010	-	-
26 Uttar Pradesh	251	460.75	9	25.100	-	-
27 Uttarakhand	448	1707.87	98	170.820	47	178.04
28 West Bengal	203	396.11	23	98.400	17	84.25
29 A&N Islands	7	7.91	1	5.250	-	-
<b>Total</b>	<b>6474</b>	<b>19749.44</b>	<b>897</b>	<b>3395.31</b>	<b>349</b>	<b>1315.65</b>