

GOVERNMENT OF INDIA  
MINISTRY OF NEW AND RENEWABLE ENERGY  
**LOK SABHA**  
**UNSTARRED QUESTION NO. 1735**  
TO BE ANSWERED ON 28.12.2017

**STATUS OF SMALL HYDRO POWER PROJECTS**

1735. SHRI SUBHASH PATEL:  
SHRI RAMESH CHANDER KAUSHIK:  
DR. BHARATIBEN D. SHYAL:

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

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

**ANSWER**

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

(a): 1085 small hydro power projects with aggregate capacity of 4399.355 MW capacity have been set up upto November 2017. The State wise number of Small Hydro Projects installed by 30.11.2017 are given in **Annexure-I**.

(b) and (c): As per the Small Hydro Power Data Base of July 2016 of Alternate Hydro Energy Centre, IIT Roorkee, 7133 Small Hydro Project potential sites have been identified with aggregate capacity of 21133.65 MW. Against this, 1085 small hydro power projects aggregating to 4399.355 MW capacity have been set up while work on 140 sites aggregating to 772.56 MW is ongoing. To promote Small Hydro Power development in the country, the Ministry of New and Renewable Energy provides support for detailed survey and investigation (DSI) and preparation of detailed project reports (DPR) to the State implementing agencies, and provides central financial assistance for setting up new small hydro projects, besides supporting the Alternate Hydro Energy Centre of IIT Roorkee to provide technical support to the SHP sector.

(d): No Madam, India has sufficient technical expertise in the Small Hydro sector.

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**Annexure-I**

Annexure-I referred to in reply to part (a) of Lok Sabha Starred Question No.7396 to be answered on 28.12.2017 regarding Status of Small Hydro Power Projects by SHRI SUBHASH PATEL, SHRI RAMESH CHANDER KAUSHIK, DR. BHARATIBEN D. SHYAL:

STATE WISE NUMBERS AND AGGREGATE CAPACITY OF SHP PROJECTS (UPTO 25 MW)			
Sl. No.	State	Projects Installed	
		Nos.	Capacity (MW)
1	Andhra Pradesh & Telangana	72	241.98
2	Arunachal Pradesh	152	104.605
3	Assam	6	34.11
4	Bihar	29	70.7
5	Chhattisgarh	10	76
6	Goa	1	0.05
7	Gujarat	6	16.6
8	Haryana	9	73.5
9	Himachal Pradesh	184	842.11
10	J&K	42	161.03
11	Jharkhand	6	4.05
12	Karnataka	167	1230.73
13	Kerala	32	213.02
14	Madhya Pradesh	11	86.16
15	Maharashtra	65	347.375
16	Manipur	8	5.45
17	Meghalaya	4	31.03
18	Mizoram	19	41.47
19	Nagaland	12	30.67
20	Odisha	10	64.625
21	Punjab	54	170.9
22	Rajasthan	10	23.85
23	Sikkim	17	52.11
24	Tamil Nadu	21	123.05
25	Tripura	3	16.01
26	Uttar Pradesh	9	25.1
27	Uttarakhand	101	209.32
28	West Bengal	24	98.5
29	A&N Islands	1	5.25
<b>Total</b>		<b>1085</b>	<b>4399.355</b>