

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

STARRED QUESTION NO:314
ANSWERED ON:16.04.2010
GEO-THERMAL ENERGY AND SMALL HYDRO POWER PROJECTS
Pradhan Shri Nityananda

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

- (a) the total number of small hydro power projects functioning in the country at present, State / UT-wise;
- (b) whether the Government has sought assistance from the developed countries for the development of geo-thermal energy and small hydro power projects in the country;
- (c) if so, the details thereof;
- (d) the number of small hydro power projects proposed to be set up in the remaining year of the Eleventh Five Year Plan; and
- (e) the steps taken or proposed to be taken by the Government to tap the vast potential of small hydro power in the country?

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. 314 for 16.04.2010 regarding Geo-thermal Energy and Small Hydro Power Projects by Shri Nityananda Pradhan

(a): So far, 740 Small Hydro Power (SHP) projects with an aggregate capacity of 2735 MW have been set up in the country. The State wise details are given in Annexure-I.

(b)&(c): The Government has signed Memorandum of Understanding with Governments of Australia,Iceland and Philippines for scientific co-operation, research and to explore the potential of Geo-thermal in India. As far as small hydro power projects are concerned, indigenous technologies are available to set up these projects and no assistance has been sought from the developed countries.

(d): A target of 300 MW during 2010-11 and 350 MW during 2011-12 have been fixed for setting up of small hydro projects. 278 SHP projects aggregating to 769 MW are under implementation.

(e): Small hydro projects are being set up both in public as well as private sector. In order to tap the potential, 23 States have announced their policies to invite private sector to set up SHP projects. They are extending various facilities such as wheeling and banking of power, purchase of power by State utilities as per tariff decided by the State Electricity Regulatory Commission etc. Ministry of New and Renewable Energy Sources is giving capital subsidy to the State Governments and private sector to set up SHP projects. Besides, the Ministry is also supporting training programmes on various technical aspects of SHP development and identification of new potential sites.

Annexure - I

Annexure referred to in reply to part (a) of the Lok Sabha Starred Question No. 314 for 16.04.2010 regarding Geo-thermal Energy and Small Hydro Power Projects by Shri Nityananda Pradhan

S.No.	State	Projects installed	
		Nos.	Capacity (MW)

1	Andhra Pradesh	60	186.83
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2 Arunachal Pradesh 88 73.420

3 Assam 4 27.110

4 Bihar 12 54.600

5 Chattisgarh 6 19.050

6 Goa 1 0.050

7 Gujarat 4 12.60

8 Haryana 7 70.100

9 Himachal Pradesh 100 330.315

10 J&K 34 129.330

11 Jharkhand 6 4.050

12 Karnataka 96 640.45

13 Kerala 9 133.87

14 Madhya Pradesh 10 71.160

15 Maharashtra 34 245.325

16 Manipur 8 5.450

17 Meghalaya 4 31.030

18 Mizoram 18 36.470

19 Nagaland 10 28.670

20 Orissa 9 64.300

21 Punjab 39 132.55

22 Rajasthan 10 23.850

23 Sikkim 16 47.110

24 Tamil Nadu 15 90.05

25 Tripura 3 16.010

26 Uttar Pradesh 9 25.100

27 Uttarakhand 94 132.92

28 West Bengal 23 98.400

29 A&N Islands 1 5.250

Total 740 2735.42

