

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

UNSTARRED QUESTION NO:1506
ANSWERED ON:04.03.2011
SMALL HYDRO POWER PROJECTS
Biju Shri P. K.;Thakor Shri Jagdish

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

- (a) whether the Government has assessed the small hydro power potential in the country including Uttar Pradesh and Bihar;
- (b) if so, the State-wise details thereof alongwith the present status of power generation from small hydro power projects in the country;
- (c) the details of the criteria / norms for setting up of small hydro power projects in the country;
- (d) the number of small hydro power projects proposed to be set up in the country during the current financial year, State-wise including Uttar Pradesh and Bihar; and
- (e) the central financial assistance provided by the Union Government to the project developers for such projects in the country during the last three years and the current year?

Answer

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

(a)&(b): The estimated potential for power generation from Small Hydro Power (SHP) projects (up to 25 MW) is about 15,000 MW in the country. So far, 801 SHP projects with an aggregate capacity of 2953 MW have been installed and 271 projects aggregating to 914 MW are under implementation in the country. State-wise details of estimated potential, projects installed and under implementation are given in Table-I.

(c): The criteria / norms for setting up SHP project include availability of water discharge, difference in elevation at the site, as well as availability of land, power evacuation facilities and economic viability of the projects.

(d): A target of 300 MW SHP projects has been fixed for the current year. During the year, SHP projects aggregating to 218 MW (as on 31.1.2011) have been set up including seven projects of 5.5 MW in Bihar. No project has been set up during the current year in the State of Uttar Pradesh.

(e) The year-wise Central Financial Assistance provided by MNRE to SHP projects has been :

2007-08 : Rs. 44.95 crore 2008-09 : Rs. 78.50 crore 2009-10 : Rs. 103.43 crore 2010-11 : Rs. 139.31 crore (up to 28.2.2011)