

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

STARRED QUESTION NO:339

ANSWERED ON:07.12.2007

SMALL HYDRO POWER PROJECTS

Adsul Shri Anandrao Vithoba;Verma Shri Ravi Prakash

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

- (a) whether the country has a large potential of small hydro power upto 25 mw capacity which has not yet been developed; and
- (b) if so, the details thereof and the steps taken by the Union Government to develop the micro hydro power potentiality in the country?

Answer

MINISTER OF STATE OF THE MINISTRY OF NEW AND RENEWABLE ENERGY (SHRI VILAS MUTTEMWAR)

(a) & (b): A Statement is laid on the table of the House.

STATEMENT

Statement referred to in reply to parts (a) & (b) of the Lok Sabha Starred Question No. 339 for 7.12.2007 regarding Small Hydro Power Projects by Shri Ravi Prakash Verma and Shri Anandrao V. Adsul

(a): The estimated potential of small hydro power (upto 25 MW capacity) in the country is about 15,000 MW. However, not all of this potential might be technically feasible and economically viable. So far, small hydro potential of 2018 MW has been exploited through 609 projects. In addition, 227 projects aggregating to 695 MW are under implementation.

(b): The Ministry of New and Renewable Energy is implementing various incentive schemes for the development of small/ mini/ micro hydro projects in the country. Central Financial Assistance is given to the State Governments / Agencies for identification of new potential sites & preparation of state perspective plan, setting up of new small hydro power (SHP) projects, renovation and modernization of existing SHP projects and completion of languishing projects. The Ministry provide subsidy to the private sector for setting up new SHP projects. Subsidy is also given to the state agencies/ local bodies/ NGOs for development & up- gradation of watermills . The Ministry has created a center namely Alternate Hydro Energy Center (AHEC) at IIT, Roorkee, to provide technical support, organize training programmes and testing of small / mini/ micro hydro projects. Recently, a real time digital simulator for small hydropower plants has been set up at AHEC for providing advanced training to operators and engineering staff of different types of SHP plants.