

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

UNSTARRED QUESTION NO:2436
ANSWERED ON:23.08.2013
ASSESSMENT BY TECHNICAL EXPERTS
Singh Shri Jagada Nand;Sugavanam Shri E.G.

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

- (a) whether as per the assessment of technical experts there is a vast potential for generation of power through wind, solar energy and biomass in the country;
- (b) if so, the details thereof, State/UT-wise;
- (c) whether there is uneven power generation through new and renewable sources of energy among various States/UTs in the country;
- (d) if so, the details thereof and the reasons therefor; and
- (e) the steps being taken to ensure that power generation through renewable energy sources takes place uniformly across various States/UTs in the country?

Answer

MINISTER FOR NEW AND RENEWABLE ENERGY (DR. FAROOQ ABDULLAH)

- (a)&(b): Based on various studies undertaken, there is an estimated potential of about 2,45,000 MW for power generation from wind, solar, small hydro and biomass in the country. State/UT-wise details thereof are given in Annexure-I.
- (c)&(d): The power generation through renewable sources of energy depends on the potential of renewable energy in the States and the policy/priorities set by the particular States/UTs. State/UT-wise power generation capacity set up through renewable sources of energy are given in Annexure-II.
- (e): The Ministry is encouraging all the States to develop power generation projects using renewable energy. In this regard, the Government is giving various fiscal and financial incentives, such as capital/interest subsidy, generation based incentives, accelerated depreciation, concessional excise and customs duties. However, setting up of renewable energy power generating projects in a particular State depends on available potential and its economic viability.