

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

UNSTARRED QUESTION NO:3586
ANSWERED ON:11.12.2009
NATIONAL BIOMASS RESOURCE ATLAS
Dhanaplan Shri K. P.

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

- (a) the diversification efforts of the Government to enhance the proliferation of new and renewable energy sources in the existing conventional power and electricity manufacturing systems;
- (b) the existing biomass power generating capability in the country;
- (c) whether the National Biomass Resource Atlas has been prepared by the Government after a multi-grid survey; and
- (d) if so, the details thereof?

Answer

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

- (a): The Government has taken several measures to enhance the proliferation of new and renewable energy sources in the existing conventional power sector, mainly with private investment. It includes various fiscal and financial incentives for renewable power projects, provisions of Renewable Portfolio Standards (RPS) under the Electricity Act 2003, preferential tariff for grid interactive renewable power in potential States and uniform guidelines by CERC for fixation of preferential tariffs, the National Solar Mission enabling large-scale capital investment in solar power generation, generation based Incentives (GBI) for wind power for broadening the investor base etc.
- (b): The surplus agricultural residues, estimated to be of the order of 120-150 million tones per year, are capable to generate about 17,000 MW of grid quality power. However, this biomass is available in a highly diffused and scattered manner.
- (c)&(d): Indian Institute of Science, Bangalore has developed the National Biomass Resource Atlas covering surplus agro residues with a view to estimate the potential of biomass resources for power generation integrating the distribution and availability of biomass at state / district level. However, this is not based on multi-grid survey. The National Biomass Resource Atlas has been hosted on the web site (<http://www.lab.cgpiisc.ernet.in>) of the Indian Institute of Science, Bangalore and also on the server of the Ministry for use by all stakeholders.