

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

UNSTARRED QUESTION NO:4747

ANSWERED ON:04.05.2012

POWER GENERATION FROM RENEWABLE ENERGY SOURCES

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

- (a) the details of targets set for power generation from renewable energy sources during the Twelfth Five Year Plan;
- (b) the details of consumption of renewable energy during the last three years and the current year, State-wise;
- (c) whether there has been increase in share of renewable energy to the total energy consumption in the country;
- (d) if so, the details thereof;
- (e) whether the Government proposes to develop National Bio Mission in the country to push sustainable development of the renewable energy sector; and
- (f) if so, the details thereof?

**Answer**

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

- (a): A target of 29,800 MW for grid interactive power generation capacity addition from different renewable energy sources, viz. 15,000 MW from wind power, 2,100 MW from small hydro power, 10,000 MW from solar power, 2,000 MW from biomass power / cogeneration and 700 MW from urban & industrial waste to power, has been proposed during the Twelfth Five Year Plan.
- (b): State-wise details of grid-interactive power generation capacity from different renewable energy sources added during the last three years and the current year as on 30.4. 2012 are given in Annexure.
- (c): Yes, Madam.
- (d): The grid-interactive renewable power generation capacity has increased to 24,914 MW as on 31.03.2012, which corresponds to a share of around 12.5 % in total installed capacity from all sources in the country. In terms of its share in the total electricity mix, the same is estimated to be around 5.5%.
- (e): Yes, Madam.
- (f): A Bio-energy Mission covering power generation through various agricultural and other bio wastes/ residues and energy plantations, was proposed by the Working Group constituted by the Planning Commission to formulate 12th Plan proposals of the Ministry. It is envisaged by the Working Group that such a mission will facilitate creation of a policy framework for attracting private investment and rapid development of commercial bio-energy for grid and well as off-grid applications in different parts of the country.