

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

UNSTARRED QUESTION NO:3172
ANSWERED ON:31.07.2014
USE OF AGRO WASTE TO GENERATE ENERGY
Gandhi Shri Feroze Varun

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

- (a) whether the country can use only about 450 million tonnes out of 600 million tonnes of agro-waste produced in the country every year;
- (b) if so, the details thereof; and
- (c) the steps being taken / proposed to be taken by the Government for the optimum use of agricultural waste generated in the country for fuel and energy needs of the country?

Answer

THE MINISTER OF STATE FOR POWER, COAL & NEW AND RENEWABLE ENERGY (INDEPENDENT CHARGE) (SHRI PIYUSH GOYAL)

(a),(b)&(c): Ministry of New and Renewable Energy (MNRE) in association with Indian Institute of Science, Bangalore has estimated that about 511 million tonnes of agricultural and agro- industrial residues are being generated annually in the country. The state-wise details of agro-residues (biomass) generation, surplus and estimated power potential is given at Annexure.

About seventy per cent of these residues are used as fuel for domestic and industrial sectors, fodder and other economic purposes such as organic manure, etc. Therefore, entire agro-waste produced in the country could not be used for production of energy. About 120-150 million tonnes of surplus agricultural and agro industrial residues per year could be used for energy generation.

MNRE is promoting efficient utilization of agricultural and agro-industrial residues for energy generation by providing various fiscal and financial incentives such as capital subsidy, concessional/nil central excise and customs duties, soft loan, accelerated depreciation, preferential tariff and tax holiday, etc. for energy generation.