

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

UNSTARRED QUESTION NO:5154  
ANSWERED ON:26.04.2013  
POWER GENERATION FROM BIOMASS  
Gawali Patil Smt. Bhavana Pundlikrao

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

- (a) whether any targets has been fixed for energy generation through biomass during the next five years;
- (b) if so, the details thereof;
- (c) whether the biomass based energy is cheaper than the energy produced through coal; and
- (d) if so, the per unit expenditure incurred on generation of energy through both these sources separately?

**Answer**

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

(a)&(b): Ministry of New and Renewable Energy is promoting generation of power from biomass such as agricultural and agro-industrial residues and bagasse. A target of 1900 MW power which includes 1400 MW from bagasse cogeneration and 500 MW from other biomass has been fixed for the 12th Five Year Plan.

(c): No, Madam.

(d): The cost of generation of energy depends on various factors such as price of coal and biomass, capacity of the plant and its plant load factor (PLF) etc. Generally, the cost of generation of energy varies from 4.00 to 5.00 per kilowatt hour from biomass and about 2.00 to 5.00 per kilowatt hour in case of coal.