

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

UNSTARRED QUESTION NO:4153

ANSWERED ON:18.12.2014

BIOMASS FUEL

Lekhi Smt. Meenakashi

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

- (a) the details of the number of households which continue to be dependent on biomass fuel for their cooking stoves;
- (b) whether the Government is aware that traditional cooking stoves dependent on biomass contribute to household air pollution;
- (c) if so, the details thereof;
- (d) whether the Government is considering to use garden-waste biomass in cleaner cooking stoves as an inexpensive waste-to-energy option; and
- (e) if so, the details thereof?

**Answer**

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

(a): State/UT-wise details of households which continue to be dependent on biomass fuel for their cooking stoves, as per Government of India, Census 2011, are given in Annexure.

(b)&(c): Yes Madam, one traditional cookstove dependent on biomass contributes around 2000 mg of particulate matter and 40 g of carbon monoxide to household air pollution during one hour of cooking as per the study of Biomass Cookstove Test Centre IIT, Delhi.

(d)&(e): Yes Madam, Under the Unnat Chulha Abhiyan Programme implemented by the Ministry, improved cook stoves with BIS standards of improved efficiency and emission using wood/processed biomass fuel from agro- waste, garden-waste etc. are being promoted.