

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

UNSTARRED QUESTION NO:1692
ANSWERED ON:05.03.2015
GENERATION OF GAS FROM ORGANIC WASTE
Mohan Shri P. C.

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

- (a) whether the use of organic waste from the non-organic kitchen waste to generate gas in Karnataka has been reported at a cost of Rs. 23,500 per unit which can save 70% of the LPG utilized with a minimum maintenance cost, if so, the details thereof;
- (b) whether it was reported that Kerala is having several such gas units already in daily use and the State Government is providing a subsidy of Rs. 5000 per unit via Gram Pancha- yats to the selected beneficiaries;
- (c) if so, whether the Union Government is having any proposal to implement the scheme in other States as a centrally sponsored scheme, if so, the details thereof; and
- (d) the estimated total cost of forex earnings if the scheme is implemented throughout India by the Union Government?

Answer

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

- (a): Yes, Madam. The Karnataka Biofuel Development Board (KSBDB) has installed 25 biogas plants costing Rs 23400/- each for demonstration purposes at Biofuel Information and Demonstration Centres in various districts of Karnataka during the year 2013-14. These are small biogas plants for a daily feed of about three kilogram kitchen waste. KSBDB has also coordinated setting up of four such biogas plants in Bengaluru city.
- (b): The Agency for Non-conventional Energy and Rural Technology, the State Nodal Agency of Kerala, has informed that about 6500 such plants have been set up during the years 2011 to 2014. The organic fraction of kitchen waste is being used as the daily feed material in most of the biogas plants set up with cattle dung as the initial feed material.
- (c): No, Madam. However, the Ministry of New and Renewable Energy is promoting setting up of biogas plants for producing biogas from different biodegradable wastes, including kitchen waste, by providing financial and fiscal incentives under three Programmes namely: Energy from Urban, Industrial and Agricultural wastes / Residues; Biogas Power (Off-grid) Programme; and the National Biogas and Manure Management Programme.
- (d): No such assessment has so far been made.