

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

UNSTARRED QUESTION NO:1431

ANSWERED ON:05.03.2010

BIO-GAS PLANTS

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

- (a) the details of targets set and achieved so far for the setting up of bio-gas plants and production of bio-gas in the country during the Eleventh Five Year Plan;
- (b) the total number of functional and non-functional bio-gas plants in the country at present, State-wise;
- (c) whether several States are lagging behind in the production of bio-gas in the country;
- (d) if so, the details thereof; and
- (e) the steps being taken or proposed to be taken by the Government for increasing bio-gas production in the country?

**Answer**

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

- (a): During the Eleventh Five Year Plan it is envisaged to set up 6.47 lakh family type biogas plants (1.4 million cubic meters per day of biogas generation capacity). A total of 2.49 lakh numbers of biogas plants have been installed in the Eleventh Plan upto December, 2009.
- (b): Biogas plants installed under 'National Biogas and Manure Management Programme (NBMMP)' during the 10th Plan were evaluated by an independent organization in 2008-09 in six representative States of Assam, West Bengal, Gujarat, Punjab, Kerala and Chhatisgarh. The study has reported that an average of 95.80% of the surveyed plants were found in operational condition. As capacity of a family type biogas plant is small (2-4 m<sup>3</sup>) and numbers are large, the functionality is assessed through such representative studies carried out periodically.
- (c) & (d): Installation of Biogas plants depend on potential and availability of cattle dung/ feed material, affordability by beneficiaries, availability of LPG and interest taken by the State Implementing Agencies. Accordingly, achievements vary from State to State. Status of State-wise numbers of biogas plants installed under NBMMP in the country against the estimated potential is given in Annexure – I.
- (e): Central Financial Assistance (CFA) for various components/ activities of the NBMMP has been increased since November 2009. The modified implementation strategy of the programme envisages involvement of Biogas Fertilizer Companies/ Entrepreneurs, Banks and Financial Institutions for installation of biogas plants, in addition to State Nodal Agencies and KVIC, by bunching the plants together and following District/ cluster area saturation approach as far as possible.