

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

UNSTARRED QUESTION NO:755  
ANSWERED ON:12.11.2010  
BIO-GAS PLANTS  
Agarwal Shri Jai Prakash

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

- (a) the total number of bio-gas plants set up in the country during the last three years and the current year, State-wise;
- (b) the total number of operational and non- operational bio-gas plants in the country at present, State-wise;
- (c) whether the bio-gas stoves are available in the market at present
- (d) if so, the details thereof and if not, the reasons therefor; and
- (e) the steps taken by the Government to make available these bio-gas stoves to the people in the country?

**Answer**

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

(a): Under the National Biogas & Manure Management Programme (NBMMP) a total of 3.40 lakh numbers of family type biogas plants have been installed during the last three years and the current year. State – wise status of biogas plants installed during the period is given at Annexure –I.

(b): In order to assess status of functionality of biogas plants the Ministry of New and Renewable Energy carried out an evaluation study of plants installed under the National Biogas and Manure Management Programme (NBMMP) during the Tenth Five Year Plan by an independent organization. The study reported an average of 95.80% functionality rate of the surveyed biogas plants in six representative States of the Country. The details of the same are given in Annexure – II. In addition, assessment of functionality of biogas plants is being carried out by the Biogas Development & Training Centers (BDTCs) and the Implementing Agencies of the programme on year to year basis which also bring about similar average functionality rate.

(c),(d)&(e): Under the National Biogas and Manure Management Programme (NBMMP) ISI marked biogas stoves having a minimum of 55% thermal efficiency have been approved. Such biogas stoves are available in the market and the Implementing Agencies of the programme are meeting the requirements of biogas stoves through various manufacturers in the country.

Annexure – I

Annexure – I referred to in reply to part (a) of the Lok Sabha Unstarred Question No. 755 for 12.11.2010

State-wise achievements of setting up family type biogas plants during last three years and the current year

S.No. State/UT/Agency Achievement during Achievement for the current year  
2007-08 to 2009-10 (upto 31st Oct., 2010)

1. Andhra Pradesh	35249	3605
2. Arunachal Pradesh	612	
3. Assam	21650	562
4. Bihar	582	
5. Chhattisgarh	8651	891
6. Goa	86	5
7 Gujarat	24699	70
8. Haryana	3817	178
9. Himachal Pradesh	670	125
10. Jammu & Kashmir	277	28
11. Jharkhand	2390	111
12. Karnataka	22078	2549
13. Kerala	12280	
14. Madhya Pradesh	36833	5006
15. Maharashtra	45331	2469
16. Manipur	0	
17. Meghalaya	2075	244

18. Mizoram	250	78
19. Nagaland	1261	169
20. Orissa	11523	590
21. Punjab	21518	1000
22. Rajasthan	358	
23. Sikkim	1374	98
24. Tamilnadu	5274	206
25. Tripura	244	
26. Uttar Pradesh	9217	937
27. Uttarakhand	3154	398
28. West Bengal	45223	
29. KVIC	#	4482
Total	316676	23801

# Achievements of KVIC are included in the respective States.

#### Annexure - II

Annexure - II referred to in reply to part (b) of the Lok Sabha Unstarred Question No. 755 for 12.11.2010

Functionality of the Biogas Plants in accordance with the Evaluation Study for the Biogas Plants installed during the 10th Plan under NBMMP

Name of the States	Installed Plants	Sample Size (2.5%)	Functionality %
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Assam: Representing NER Region	298	27	92.60%
(5% sample size is taken in this region)			
West Bengal: Representing Eastern Region	62708	1582	92.29%

Gujarat: Representing Western Region	33796	879	97.61%
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Punjab: Representing Northern Region	9907	251	100%
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Kerala: Representing southern Region	12724	298	99.32%
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Chattisgarh: Representing Central Region	22138	540	99.44%
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Total	141571	3577	95.80%
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