

**GOVERNMENT OF INDIA
NON-CONVENTIONAL ENERGY SOURCES
LOK SABHA**

UNSTARRED QUESTION NO:2194
ANSWERED ON:14.12.2004
NEW TECHNOLOGY FOR PROMOTION OF BIO-GAS
Ahir Shri Hansraj Gangaram

Will the Minister of NON-CONVENTIONAL ENERGY SOURCES be pleased to state:

- (a) whether the Government gives grant to State Governments for promoting consumption and use of bio-gas in rural areas of the country;
- (b) if so, the details thereof, State-wise;
- (c) whether the use and research of new Technology for promotion of operation of bio-gas is continuing;
- (d) if so, the details thereof; and
- (e) the effect of new technology on the operation of bio-gas?

Answer

MINISTER OF STATE OF THE MINISTRY OF NON-CONVENTIONAL ENERGY SOURCES (INDEPENDENT CHARGE) (SHRI VILAS MUTTEMWAR)

(a) & (b): Yes sir, the Ministry of Non-Conventional Energy sources provides central financial assistance to States through their implementing organizations to promote and install family type biogas plants in the country. The allocated targets and the corresponding sanctioned amount State-wise for the year 2004-05 are given in the Annexure.

(c) & (d): Yes sir, the Ministry has been supporting Research & Development projects in various institutions in the area of biogas for process improvement and enhanced methane production through microbiological, bio-chemical and engineering techniques. Efforts are also continued for diversified utilization of biogas and slurry.

(e): New designs using prefabrication techniques and alternate materials like ferro-cement have been developed that have resulted in reduction of cost for construction of biogas plants. Use of alternate feed-stocks for production of biogas has also been established which would further expand the scope of the technology.

Annexure

Annexure referred to parts (a) & (b) of the Lok Sabha Unstarred Question No. 2194 for 14. 12. 2004 regarding New Technology for Promotion of Bio-gas.

Allocation of Targets and Central Financial Assistance for Family Type Bio-Gas Plants during 2004-05

S.No. State Target for 2004-05 Central Financial Assistance (CFA)
(Rs. in lakh)

1	Andhra Pradesh	11500	483.00
2	Arunachal Pradesh	200	25.00
3	Assam	100	12.50
4	Bihar	1000	42.00
5	Chattisgarh	1500	63.00
6	Goa	90	3.78
7	Gujarat	4000	168.00
8	Haryana	1000	42.00
9	Himachal Pradesh	200	8.40
10	Jammu & Kashmir	10	0.42
11	Jharkhand	100	4.20
12	Karnataka	11500	483.00
13	Kerala	2500	105.00
14	Madhya Pradesh	7000	294.00
15	Maharashtra	8000	336.00
16	Manipur	200	25.00
17	Meghalaya	200	25.00

18	Mizoram	400	50.00
19	Nagaland	300	37.50
20	Orissa	8000	336.00
21	Punjab	1500	63.00
22	Rajasthan	100	4.20
23	Sikkim	200	25.00
24	Tamilnadu	1500	63.00
25	Tripura	200	25.00
26	Uttar Pradesh	7000	294.00
27	Uttaranchal	400	16.80
28	West Bengal	11500	483.00
29	KVIC & others	16000	796.50