

GOVERNMENT OF INDIA  
MINISTRY OF NEW AND RENEWABLE ENERGY  
**LOK SABHA**  
**UNSTARRED QUESTION NO. 3530**  
TO BE ANSWERED ON 23.03.2017

**FUNCTIONAL BIO-GAS PLANTS**

3530. SHRI KONAKALLA NARAYANA RAO:

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

- (a) the total number of bio-gas plants which are functional in Andhra Pradesh as on date, district-wise, including Krishna district;
- (b) whether the Union Government has reviewed the functioning of bio-gas plants in various States;
- (c) if so, the details thereof; and
- (d) the steps being taken by the Government to popularize bio-gas plants in the State including Andhra Pradesh?

**ANSWER**

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

**(a):** A total of 25945 out of 26776 biogas plants installed during the previous two years and the current year 2016-17 (upto February,2017) have been reported to be functional in Andhra Pradesh. The details of the district-wise functional biogas plants setup under the National Biogas and Manure Management Programme (NBMMP) during the above said period in Andhra Pradesh including Krishna District is given at Annexure – I.

**(b) & (c):** Yes, Madam. The functionality of biogas plants is reviewed, from time to time along with the review of the scheme, NBMMP in the meetings held with the States. The scheme is also evaluated for its performance, regularly by awarding independent evaluation studies and physical inspection of randomly selected installed biogas plants by the Biogas Development and Training Centres (BDTCs), functioning under the NBMMP. The State-wise functionality rate of biogas plants is given at Annexures –II & III respectively.

**(d):** Under the NBMMP setting up of family type biogas plants is being popularized by preparing standard publicity materials such as leaflets, booklets, posters, Do's and Don'ts etc. and conducting users training courses for wider dissemination in the States, for which financial assistance is provided under the information and publicity component of the scheme. For promotion of the use of biogas plants in Andhra Pradesh, wide publicity is given amongst the farmers through Biogas Development Associates (BDAs)/Biogas Self Employed Workers (SEWs) and information pamphlets prepared in telugu on biogas scheme, NBMMP are distributed by the State Nodal Agency (SNA), New & Renewable Energy Development Corporation of Andhra Pradesh Ltd., Hyderabad.

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**ANNEXURE-I**

ANNEXURE-I, REFERRED TO IN REPLY TO PART (a) OF THE LOK SABHA UNSTARRED QUESTION NO. 3530 FOR ANSWER ON 23.03.2017 REGARDING 'FUNCTIONAL BIO-GAS PLANTS'.

**Details of the district-wise functionality of family type biogas plants setup during the period 2014-15 to 2016-17 (upto February, 2017) under the National Biogas and Manure Management Programme (NBMMP) in Andhra Pradesh i.e. since its bifurcation including Krishna District**

Sl. No.	Name of District	Nos. of biogas plants functional year-wise		
		2014-15	2015-16	2016-17 (upto 28.02.2017)
1.	Anantapur	881	480	20
2.	Chittoor	1476	1900	1300
3.	Cuddapah	101	459	125
4.	East Godavari	270	438	50
5.	Guntur	325	350	150
6.	Krishna	238	65	100
7.	Kurnool	500	500	600
8.	Nellore	419	21	130
9.	Prakasam	2712	2887	1687
10.	Srikakulam	1287	790	300
11.	Visakhapatnam	882	920	843
12.	Vizianagaram	539	977	400
13.	West Godavari	288	210	325
	<b>Total</b>	<b>9918</b>	<b>9997</b>	<b>6030</b>

## ANNEXURE – II

ANNEXURE-II, REFERRED TO IN REPLY TO PARTS (b)& (c) OF THE LOK SABHA UNSTARRED QUESTION NO. 3530 FOR ANSWER ON 23.03.2017 REGARDING 'FUNCTIONAL BIO-GAS PLANTS'.

**Functionality of the family type biogas plants in accordance with the independent evaluation studies for the plants installed during the 10<sup>th</sup> and 11<sup>th</sup> Five Year Plan period under NBMMP**

S. No.	Name of the State	Total plants inspected during the study	Nos. of biogas plants operating	Nos. of biogas plants not operating	Functionality rate (%)
1	Assam	27	25	2	92.60
2	West Bengal	1582	1460	122	92.29
3	Gujarat	879	858	21	97.61
4	Punjab	251	251	0	100
5	Kerala	298	296	2	99.32
6	Chhattisgarh	540	537	3	99.44
	<b>Subtotal (A)</b>	<b>3577</b>	<b>3427</b>	<b>150</b>	<b>95.80</b>
1	Assam	542	540	02	99.63
2	Karnataka	677	658	19	97.20
3	Madhya Pradesh	1091	1027	64	94.13
4	Maharashtra	1137	1102	35	96.92
5	Meghalaya	54	53	01	98.14
6	Odisha	341	289	52	84.80
7	Uttarakhand	102	101	01	99.02
8	Uttar Pradesh	250	233	17	93.20
	<b>Subtotal (B)</b>	<b>4194</b>	<b>4003</b>	<b>191</b>	<b>95.45</b>
	<b>Grand total (A+B)</b>	<b>7771</b>	<b>7430</b>	<b>341</b>	<b>95.6</b>

**ANNEXURE - III**

ANNEXURE-III, REFERRED TO IN REPLY TO PARTS (b)& (c) OF THE LOK SABHA UNSTARRED QUESTION NO. 3530 FOR ANSWER ON 23.03.2017 REGARDING 'FUNCTIONAL BIO-GAS PLANTS'.

**Functionality of the family type biogas plants in accordance with the monitoring and evaluation work carried out during the year 2015-16 by the Biogas Development and Training Centres (BDTCs) under NBMMP**

<b>S. No.</b>	<b>Name of the State</b>	<b>Total plants inspected during the study</b>	<b>Nos. of biogas plants operating</b>	<b>Nos. of biogas plants not operating</b>	<b>Functionality rate (%)</b>
1	Uttar Pradesh	60	60	-	100
2	Uttarakhand	16	16	-	100
3	Haryana	3	3	-	100
4	Assam	956	895	61	93.6
5	Punjab	1000	989	11	98.9
6	Odisha	250	199	51	79.6
7	Tamil Nadu	913	760	153	83.2
8	Rajasthan	736	736	-	100
9	Karnataka	182	172	10	94.5
10	Madhya Pradesh	314	291	23	92.7
11	Gujarat	55	55	-	100
	<b>TOTAL</b>	<b>4485</b>	<b>4176</b>	<b>309</b>	<b>94.7</b>