

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

STARRED QUESTION NO:157

ANSWERED ON:02.12.2005

ENERGY FROM BIO- MASS

Kushwaha Shri Narendra Kumar;Masood Shri Rasheed

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

- (a) whether any new technology is being developed for generating electricity from bio-mass in the country;
- (b) if so, the details thereof;
- (c) the total capacity of electricity generation in M.W. from bio-mass in the country, State-wise;
- (d) whether the Government has sanctioned new projects to increase bio-mass capacity and proposes to set-up community bio-mass plants in each village;
- (e) if so, the details thereof and the funds provided therefor during 2005-06, State-wise; and
- (f) the total quantum of electricity in M.W. estimated to be generated thereby?

**Answer**

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

(a),(b),(c),(d),(e)&(f) :A Statement is laid on the table of the house.

STATEMENT

STATEMENT IN REPLY TO LOK SABHA STARRED QUESITON NO. 157 BY SHRIRASHEED MASOOD SHRI NARENDRA KUMAR KUSHAWAHA TO BE ANSWERED ON THE 2ND DECEMBER, 2005 REGARDING ENERGY FROM BIO-MASS.

(a): Yes Sir.

(b): Technology for generation of electricity from biomass using 100% producer gas engine linked with biomass gasifier has been recently developed in the country.

(c): A total installed capacity of 870 MW based on biomass combustion, gasification and bagasse cogeneration have been installed in the country. The state-wise information is given at Annexure.

(d): Biomass Power/Cogeneration Programme is being continued during the current year to promote setting up of biomass based electricity generation projects. An additional capacity of 55.50 MW has been set up in the country during the year. Besides, the Government is already promoting biomass based technologies in selected potential villages for meeting energy requirements, such as cooking, motive power and electricity generation under various schemes of the Ministry, but not under the title of `community biomass plants` in each village.

(e) : Biomass gasifier based electricity generation projects of a total capacity of 423 kW has been sanctioned during 2005-06 involving a total central financial assistance of Rs. 63.45 lakh to the state of Tamil Nadu. Amounts of Rs. 70.70 lakh, Rs. 42.69 lakh and Rs. 8.10 lakh have been released during 2005-06 to Arunachal Pradesh, Tamil Nadu and Pondicherry, respectively under the Biomass Gasification Programme.

(f): The objective of setting up of village based biomass energy systems is to meet the electricity requirements of the villages in a decentralized manner and is not to generate electricity in MW scale.

Annexure

Annexure referred to in the Statement in reply to part (c) of the Lok Sabha Starred Question No.157 for 02.12.2005 regarding Energy from Bio-Mass.

State-wise information of the installed capacity of Biomass based electricity generation projects.

S.No. State Capacity(In MW)

1. Andhra Pradesh 282.63
2. Chattisgarh 11.50
3. Gujarat 14.76
4. Haryana 7.06
5. Karnataka 190.58
6. Madhya Pradesh 5.72
- 7 Maharashtra 39.82
8. Punjab 28.70
9. Rajasthan 8.00
10. Tamil Nadu 178.02
11. Uttar Pradesh 93.38
12. West Bengal 5.00
13. Others 5.00

Total 870.00