

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

UNSTARRED QUESTION NO:3877  
ANSWERED ON:19.03.2015  
BIOMASS GASIFIER SYSTEM  
Reddy Shri Konda Vishweshwar

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

- (a) whether the Government is on the path of achieving the target for deployment of biomass gasifiers systems in the country as per 12th Five Year Plan ;
- (b) if so, the details thereof;
- (c) the steps taken by the Government to promote the use of biomass gasifier against conventional sources of power; and
- (d) the policies in place to encourage manufacture of indigenous biomass gasifier system in the country?

**Answer**

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

(a)&(b): A target of 55 megawatt equivalent biomass gasifier system for grid power, off-grid power and captive thermal, mechanical and electrical applications in industries has been fixed for the 12th Five Year Plan period (2012-17) by the Ministry of New and Renewable Energy (MNRE). About 20 MW equivalent biomass gasifier systems have been installed for grid power, captive use in industries such as rice mills, flour mills, plywood, bakeries, etc., and for providing electricity in villages as on 31st January, 2015.

(c): MNRE is promoting biomass gasifier system for grid power, off-grid power and captive thermal, mechanical and electrical energy needs in industries which is now cost effective option to save conventional fuels such as coal, diesel, furnace oil and kerosene. In order to promote biomass gasifier systems, MNRE provides Central Finance Assistance (CFA) at the rate of Rs. 2,500 to Rs.15,000 per kilowatt depending upon application.

(d): MNRE is implementing programme to promote indigenously manufactured biomass gasifiers. MNRE has supported Research and Development projects for development of biomass gasifiers as well as standards and specifications. Over 10 industries are manufacturing biomass gasifier for mechanical, thermal and electrical applications in the country.