

GOVERNMENT OF INDIA
MINISTRY OF NEW AND RENEWABLE ENERGY
LOK SABHA
UNSTARRED QUESTION NO. 941
TO BE ANSWERED ON 21.12.2017

INSTALLED CAPACITY OF BIOMASS BASED POWER GENERATION

941. Shri Baijayant Jay Panda:

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

- (a): the total installed capacity of biomass based power generation in the country;
- (b): whether any steps are being taken by the Union Government to increase this capacity and if so, the details thereof and if not, the reasons therefor; and;
- (c): whether the Government provides any incentives to firms producing or using the biomass based power and if so, the details thereof?

ANSWER

THE MINISTER OF STATE FOR POWER AND NEW & RENEWABLE ENERGY (I/C)
(SHRI R. K. SINGH)

(a): The installed capacity of biomass based power generation in the country was 8842 MW, as on 30.11.2017.

(b) & (c): To promote the biomass energy sector, the Ministry of New & Renewable Energy has been implementing the following two schemes:-

- I. "Promotion of Grid Interactive Biomass Power and Bagasse Cogeneration in Sugar Mills"
- II. "Programme on Energy from Urban, Industrial and Agricultural Wastes/Residues"

Under these schemes, Central Financial Assistance (CFA) is being provided for supporting biomass based projects. The details of the same are furnished in the **Annexure**.

Annexure referred to in reply to parts (b) & (c) of Unstarred Question No. 941 for Answer on 21.12.2017.

1. Scheme:- Promotion of Grid Interactive Biomass Power and Bagasse Cogeneration in Sugar Mills

		Special Category States (NE Region, Sikkim, J&K, HP & Uttarakhand)	Other than special category States
Project Type		Capital Subsidy	Capital Subsidy
Biomass Power projects		Rs.25 lakh per MW (Maximum Support - Rs 1.5 Crore per Project.)	Rs.20 lakh per MW (Maximum Support - Rs 1.5 Crore per Project.)
Bagasse Co-generation by Private sugar mills*		Rs.18 lakh per MW** (Maximum Support - Rs 1.5 Crore per Project.)	Rs.15 lakh per MW** (Maximum Support - Rs 1.5 Crore per Project.)
Bagasse Co-generation projects by cooperative/public sector sugar mills*	Boiler Pressure 40 bar & above	Rs.40 lakh per MW** (maximum support - Rs. 6.0 crore per project)	Rs.40 lakh per MW** (maximum support - Rs. 6.0 crore per project)
	Boiler Pressure 60 bar & above	Rs.50 lakh per MW** (maximum support - Rs. 6.0 crore per project)	Rs.50 lakh per MW** (maximum support - Rs. 6.0 crore per project)
	Boiler Pressure 80 bar & above	Rs.60 lakh per MW** (maximum support - Rs. 6.0 crore per project)	Rs.60 lakh per MW** (maximum support - Rs. 6.0 crore per project)

*For new sugar mills, which are yet to commence production and existing Pvt. & Co-op. sugar mills employing backpressure route/seasonal/incidental cogeneration, which exports surplus power to the grid, subsidies shall be one-half of the level mentioned above.

** Per MW of surplus power

2. Scheme:- Programme on Energy from Urban, Industrial and Agricultural Wastes/Residues

	Special Category States	Other than special category States
Project Type	Capital Subsidy	Capital Subsidy
Power Generation from Agricultural/Industrial Waste /residues excluding bagasse through Boiler + Steam Turbine configuration	Rs. 0.24 crore/MW (Max. Rs. 1.20 crore/project)	Rs. 0.20 crore/MW (Max. Rs. 1.00 crore/project)