

GOVERNMENT OF INDIA
MINISTRY OF NEW AND RENEWABLE ENERGY
LOK SABHA
UNSTARRED QUESTION NO-2143
TO BE ANSWERED ON-08.03.2018
BIOMASS BASED POWER GENERATION

2143. 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 particularly keeping in view the country's increasing energy requirements and its mission to electrify all the villages in the country 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 NEW & RENEWABLE ENERGY AND POWER (I/C)
(SHRI R.K. SINGH)

- (a) The total installed capacity of biomass based power generation in the country is 9076 MW as on 31.01.2018.
- (b) & (c) Government of India has set a target of 175 GW installed capacity through renewables by 2022. The target includes 10 GW capacity through biomass. The Government provides incentives to the firms to produce power through biomass. The details of such incentives are placed at Annexure.

REPLY TO PART (b)&(c) OF LOK SABHA UNSTARRED NO 2143 TO BE ANSWERED ON 8TH MARCH, 2018**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 of Rs 1.5 Crore per project)	Rs.20 lakh per MW (Maximum Support of Rs 1.5 Crore per Project.)
Bagasse Co-generation by Private sugar mills*	Rs.18 lakh per MW (Maximum Support of Rs 1.5 Crore per Project.)	Rs.15 lakh per MW (Maximum Support of Rs 1.5 Crore per Project.)
Bagasse Co-generation projects by cooperative/ public sector sugar mills*		
Boiler Pressure 40 bar & above	Rs.40 lakh	Rs.40 lakh
Boiler Pressure 60 bar & above	Rs.50 lakh	Rs.50 lakh
Boiler Pressure 80 bar & above	Rs.60 lakh	Rs.60 lakh
	Per MW of surplus power (maximum support Rs. 6.0 crore per project)	Per MW of surplus power (maximum support Rs. 6.0 crore per project)

*For new sugar mills, which are yet to start 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.

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

Project Type	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)