

GOVERNMENT OF INDIA
MINISTRY OF NEW AND RENEWABLE ENERGY
LOK SABHA
STARRED QUESTION NO. 301
ANSWERED ON 24.03.2022

BIOMASS GASIFICATION

*301. SHRIMATI RAKSHA NIKHIL KHADSE

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

- (a) whether the Government is aware of the fact that Biomass gasification for thermal application use is one of the most financially viable among renewable energy technologies and very well adopted by tiny, small and medium level entrepreneurs/industrialists thereby saving fifty per cent of the fuel cost used in thermal application using diesel as burning fuel;
- (b) if so, the details thereof;
- (c) whether the Government is also aware of the fact that Gasifiers manufactured in India using Biomass are well accepted world wide and have large export demand from different parts of the world;
- (d) if so, the details thereof;
- (e) whether the Indian Gasifier manufacturers are facing issues like delay in sanctioning of the subsidy claims about selling Gasifiers for domestic use; and
- (f) if so, the details thereof along with the steps taken/being taken by the Government in this regard?

ANSWER

THE MINISTER OF NEW & RENEWABLE ENERGY AND POWER

(SHRI R.K. SINGH)

(a) to (f) A statement is laid on the Table of the House.

STATEMENT REFERRED TO IN REPLY TO LOK SABHA STARRED QUESTION No. 301 for ANSWER ON 24-3-2022 Regarding BIOMASS GASIFICATION

(a) & (b) Ministry of New and Renewable Energy under “Programme on Energy from Urban, Industrial, Agricultural Wastes/Residues and Municipal Solid Waste” has been promoting Biomass Gasifiers for meeting thermal or electrical requirements of tiny, small and medium level industries. The programme which was valid till 31.03.2021 has been continued beyond 31.03.2021 and upto FY 2025-26 only for meeting committed liabilities. No new sanctions are to be issued.

The Biomass Gasifiers are being used for several thermal applications like drying, biscuit baking, cooking, drying of rubber etc. With reliable & quality supply of biomass, the cost per unit of thermal energy produced from a Biomass gasifier may be reduced by @50% depending upon the cost of Biomass/ kg relative to the cost of diesel.

(c) & (d) The Biomass Gasifiers manufactured in India are well accepted worldwide. Institutes like IISc, Bangalore have also been involved in Biomass Gasifier technology transfers as well as supporting projects in various countries, like Japan, Switzerland, Italy, Brazil, Zambia, Nigeria, Cuba, Thailand, etc. Details of Biomass gasifiers exported from India are placed at **Annexure**.

(e) & (f) Under “Programme on Energy from Urban, Industrial, Agricultural Wastes/Residues and Municipal Solid Waste”, Ministry had sanctioned a total Central Financial Assistance (CFA) of Rs 0.84 Cr to 08 nos. of Biomass Gasifiers out of 11 Biomass Gasifier proposals received in the Ministry till 31.03.2021. Sanction for one proposal was later cancelled.

Out of remaining 07 sanctioned projects, claim for release of CFA for 05 projects have been received. Out of these 05 proposals, three proposals have been processed for disbursement and two proposals are incomplete.

All proposals for CFA are processed without any delays subject to fulfilling of all eligibility conditions and receipt of requisite documents as per Programme guidelines.

Annexure in reply to part (c) of the Lok Sabha Starred Question No. 301 to be answered on 24.03.2022 regarding “Biomass Gasification”

“Details of Biomass gasifiers exported from India during last 3 years and current years”

Biomass Gasifiers exported	2018-2019	2019-2020	2020-2021	2021-2022 (Apr-Jan)
Values in Rs. Lacs	1,653.91	3,340.58	3,257.21	1,346.75
Quantity in thousands	0.51	1.45	8.05	0.42

Source: Export Import Data Bank, Department of Commerce for

Commodity: 84051010 PRODUCER GAS AND WATER GAS GENERATORS