

**GOVERNMENT OF INDIA
MINISTRY OF POWER
LOK SABHA
UNSTARRED QUESTION NO.3163
ANSWERED ON 04.08.2022**

GENERATION OF POWER FROM STUBBLE

†3163. SHRI VIJAY KUMAR DUBEY:

**Will the Minister of POWER
be pleased to state:**

- (a) whether the Government proposes to formulate any scheme of power generation from stubble;**
- (b) if so, the details thereof;**
- (c) the time by which the Government proposes to implement this scheme to protect the environment as well as to increase the income of the farmers;**
- (d) the status of gasifiers installed and under construction till date; and**
- (e) the details of the work undertaken by the Government to promote entrepreneurship in the said sector?**

A N S W E R

THE MINISTER OF POWER AND NEW & RENEWABLE ENERGY

(SHRI R.K. SINGH)

(a) to (c) : Ministry of Power (MoP) has issued “Policy of Biomass utilization for power generation through co-firing in coal based power plants” in October, 2021, envisaging to use of 5-7% biomass for co-firing in all coal based thermal power plants.

All coal based thermal power plants of power generation utilities having bowl mills for pulverisation of coal, are required to blend biomass pellets (annual use of 5%) with coal, primarily, of agro residue along with coal with effect from one year of the date of issue of the policy. It shall increase to 7 percent with effect from two years after the date of issue of the order and thereafter.

As on date 31.07.2022, about 35 nos. of power plants in the country have co-fired biomass pellet in their units.

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Biomass is converted into electricity in coal based thermal power plants eco-friendly and generates additional income to farmers by consumption of their agro residues.

(d) : The total installed capacity of gasifiers is about 174244 kWeq and 1710 kWeq is under construction. State-wise details of Biomass gasifiers plants is given at Annexure.

(e) : In order to develop biomass supply chain infrastructure and to encourage the investors and entrepreneur to participate in this sector, MoP has issued Model Long term Contract (Minimum tenure of 7 years) for Biomass supply on 02.03.2022.

Further, MoP through its SAMARTH Mission has organized 18 training and awareness programs since October, 2021 for farmers, pellet manufacturers, entrepreneurs and Thermal Power Plant officers in several states across the country.

ANNEXURE**ANNEXURE REFERRED TO IN REPLY TO PART (d) OF UNSTARRED QUESTION
NO. 3163 ANSWERED IN THE LOK SABHA ON 04.08.2022**

Status of Gasifiers installed and under construction upto 30/06/2022

Sl. No.	State/UT	Total installed capacity	Under installation
1	Assam	2933	-
2	Andhra Pradesh	22914	-
3	Bihar	6254	-
4	Chhattisgarh	1210	150
5	Gujarat	20080	-
6	Haryana	6463	-
7	J&K	200	-
8	Jharkhand	500	-
9	Karnataka	6297	-
10	Maharashtra	7150	-
11	Madhya Pradesh	10207	-
12	Meghalaya	250	-
13	Odisha	270	-
14	Rajasthan	2629	-
15	Tamil Nadu	14860	-
16	Uttar Pradesh	33899	-
17	Uttarakhand	2150	-
18	West Bengal	31178	1560
19	Telangana	4800	-
Total (kWeq)		174244	1710
