

GOVERNMENT OF INDIA
MINISTRY OF NEW AND RENEWABLE ENERGY
RAJYA SABHA
UNSTARRED QUESTION NO. 2703
ANSWERED ON 12/08/2025

BIOMASS AND AGRO-RESIDUE ENERGY IN KONKAN REGION

2703. SHRI DHAIRYASHIL MOHAN PATIL

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

- (a) whether the Ministry has conducted the study regarding the feasibility of biomass or agro-residue based energy projects utilising agricultural and horticultural waste in Raigad and Konkan region;
- (a) whether any steps have been taken to encourage Farmer Producer Organizations (FPOs) to participate in biomass collection and energy generation projects; and
- (b) if so, the outcomes and challenges faced in adopting these technologies locally in Konkan region?

ANSWER

THE MINISTER OF STATE FOR NEW & RENEWABLE ENERGY AND POWER

(SHRI SHRIPAD YESSO NAIK)

(a) Yes. The Ministry has conducted an evaluation study for assessment of biomass power and bagasse-based cogeneration potential in the country including in Konkan region, by Administrative Staff College of India, Hyderabad, during 2021. As per the Study report, Maharashtra has an estimated potential of 2629.55 MW, including Raigad and Konkan region.

(b) The Ministry of New and Renewable Energy (MNRE) supports installation of bioenergy plants under different components of National Bioenergy Programme (NBP) by providing Central Financial Assistance (CFA) to beneficiaries including FPOs. This includes biomass-based (non-bagasse based) plants for power generation, briquettes/ pellets manufacturing plants and compressed biogas plants.

The Government of Maharashtra (GoM) has a Scheme to support Briquette/Pellet manufacturing projects, under which a subsidy of Rs. 4 Lakh per project or 20% of machinery cost (whichever is less) is provided to promote sustainable use of biomass. Under this scheme, 213 briquette/pellet manufacturing projects have availed the subsidy.

(c) As an outcome of this policy support, there is an increase in awareness and biomass-based briquette/pellet projects under Biomass Programme of MNRE are being installed.

The major challenges include seasonal availability of agri-residue leading to inconsistency of supply, low calorific value, high moisture content, etc.

The details of Biomass based Projects supported in Konkan region are given as under:

Name of the Project	Type	Supported by
Elora Green Tech Systems Pvt Ltd, Ratnagiri	Pellet	MNRE
M/s Phoenix Enterprises, Ratnagiri	Briquette	Govt of Maharashtra
M/s Nature Touch Industries, Ratnagiri	Briquette	Govt of Maharashtra
M/s Shiropharmachem Pvt Ltd, Ratnagiri	Briquette	Govt of Maharashtra
