

GOVERNMENT OF INDIA  
MINISTRY OF PETROLEUM & NATURAL GAS  
**RAJYA SABHA**

**UNSTARRED QUESTION No. 1261**

**ANSWERED ON 13<sup>TH</sup> FEBRUARY, 2023**

**ASSURED OFF-TAKE OF BIO-MANURE**

1261. SHRI MUKUL BALKRISHNA WASNIK

Will the Minister of PETROLEUM AND NATURAL GAS be pleased to state:

- (a) whether it is a fact that Government is promoting the setting up of Compressed BioGas (CBG) plants;
- (b) if so, the details thereof and whether it is a fact that one of the major by-products of CBG plants will be bio-manure;
- (c) if so, whether Government has made any assessment of the annual availability of biomanure and drawn up plans to provide its assured off-take;
- (d) if so, the details thereof; and
- (e) if not, the reasons therefor?

**ANSWER**

**THE MINISTER OF STATE IN THE MINISTRY OF PETROLEUM & NATURAL GAS**

(SHRI RAMESWAR TELI)

(a)&(b) Yes Sir. Ministry of Petroleum and Natural Gas has launched “Sustainable Alternative Towards Affordable Transportation (SATAT)” initiative on 1<sup>st</sup> October 2018, with the aim of establishing an ecosystem for production of Compressed Bio Gas (CBG) from various waste/ biomass sources and for promoting its use along with Natural Gas. Under this initiative Oil and Gas Marketing Companies (OGMCs) are inviting Expression of Interest (EOI) to procure CBG from potential entrepreneurs. Bio-manure is one of the major by-products of CBG plants.

(c)& (d) The actual quantity of biomanure produced varies with the type of feed stock used for production of CBG. Till 31<sup>st</sup> December, 2022, 40 CBG/biogas plants have been commissioned under SATAT initiative having installed production capacity of around 225 Tons Per Day (TPD) and estimated bio-manure production capacity of around 750 TPD. To facilitate offtake, biomanure produced by CBG projects has been included as Fermented Organic Manure (FOM) and Liquid Fermented Organic Manure (LFOM) under Fertilizer Control Order 1985. For promotion of organic and bio fertilizers, Department of Fertilizers have requested all fertilizer marketing companies to arrange for mandatory offtake of Fermented Organic Manure (FOM) and other organic and bio-fertilizers with chemical fertilizers as a “ Basket Approach” to ensure balanced and Integrated Nutrient Management of the crops.

(e) Does not arise.

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