

LOK SABHA  
UNSTARRED QUESTION NO.1303  
TO BE ANSWERED ON 9<sup>th</sup> FEBRUARY, 2023

**CBG Plants**

†1303. SHRI ANIL FIROJIYA:

पेट्रोलियम और प्राकृतिक गैस मंत्री

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

(a) the nature of work being carried out to turn the Compressed Bio Gas plants to a comprehensive beneficial state for farmers and environment; and

(b) India's energy strategy at international level to ensure availability, adequacy and security for all and for green transformation?

**ANSWER**

पेट्रोलियम और प्राकृतिक गैस मंत्रालय में राज्यमंत्री  
(श्री रामेश्वर तेली)

**MINISTER OF STATE IN THE MINISTRY OF PETROLEUM AND NATURAL GAS  
(SHRI RAMESWAR TELI)**

(a) 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. Conversion of waste/ bio-mass into CBG results in multiple benefits viz. reduction in natural gas imports, reduction of Green House Gas emissions, reduction in burning of agriculture residues, remunerative income to farmers, employment generation, effective waste management etc.

Bio manure, which is a by-product of CBG plants, has been included as Fermented Organic Manure (FOM) and Liquid Fermented Organic Manure (LFOM) under Fertilizer Control Order 1985. Utilization of FOM and LFOM will help in soil health improvement, promotion of organic farming and reduce dependence on chemical fertilizers.

Ministry of New and Renewable Energy is providing Central Financial Assistance to all kinds of CBG/biogas plants under Umbrella Scheme of National Bio Energy Programme upto 31.3.2026.

(b) Government has prepared a road map to reduce the import dependency in Oil & Gas sector by adopting a five-pronged strategy which includes, Increasing Domestic Production,

Adopting biofuels & Renewables, Energy Efficiency Norms, Improvement in Refinery Processes and Demand Substitution. For green transformation, Government has announced National Policy of Biofuel-2018, adopting a multi-pronged approach to promote and encourage use of biofuels by blending ethanol in petrol, development of Second Generation (2G) ethanol technologies and its commercialization, blending biodiesel in diesel, focus on drop-in fuels produced from Municipal Solid Waste, industrial wastes, biomass etc., focus on advanced biofuels including bio-CNG, bio-methanol, Dimethyl Ether, bio-hydrogen, bio-jet fuel etc.

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