

**LOK SABHA**

**UNSTARRED QUESTION NO. 1960**

TO BE ANSWERED ON 11<sup>th</sup> December, 2025

**IMPLEMENTATION OF CBG PLANTS UNDER SATAT IN TAMIL NADU**

1960. DR. KALANIDHI VEERASWAMY:

**पेट्रोलियम और प्राकृतिक गैस मंत्री**

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

- (a) the current status of the implementation of Compressed Biogas (CBG) plants under the Sustainable Alternative Towards Affordable Transportation (SATAT) scheme including the number of plants established and operational across the country particularly in Tamil Nadu;
- (b) the criteria and the procedures for setting up such plants and the details and number of entrepreneurs and organizations that have availed support under this scheme;
- (c) the impact of these CBG plants on renewable energy generation, environmental sustainability and rural development;
- (d) the measures being taken to accelerate the deployment of CBG plants and ensure the scheme's wider adoption and success; and
- (e) the manner in which the Government plans to promote awareness and participation among farmers and entrepreneurs for setting up more CBG plants?

**ANSWER**

**पेट्रोलियम और प्राकृतिक गैस मंत्रालय में राज्यमंत्री  
(श्री सुरेश गोपी)**

**MINISTER OF STATE IN THE MINISTRY OF PETROLEUM AND NATURAL GAS  
(SHRI SURESH GOPI)**

(a) to (e) "Sustainable Alternative Towards Affordable Transportation (SATAT)" initiative was launched on 1st October 2018, to promote the production of Compressed Bio Gas (CBG) from various waste/ biomass sources in the country and for promoting its use along with Natural Gas. Oil and Gas Marketing Companies (OGMCs) viz. Indian Oil Corporation Limited (IOCL), Hindustan Petroleum Corporation Limited (HPCL), Bharat Petroleum Corporation Limited (BPCL), GAIL (India) Limited (GAIL) and Indraprastha Gas Limited (IGL) etc. have accordingly invited Expression of Interest (EOI) to procure CBG from potential entrepreneurs across the country.

CBG plants are established by entrepreneurs and other interested entities based on their techno-commercial evaluation of the projects. As per the Galvanizing Organic Bio-Agro Resources Dhan (GOBARdhan) portal, 170 CBG/Bio-Compressed Natural Gas (Bio-CNG) projects are functional and 266 projects are at different stages of construction. In the State of Tamil Nadu, 8 plants have been commissioned and 8 plants are under construction.

CBG plants contribute to renewable energy generation by utilizing waste and biomass such as agri-residue, press mud, municipal solid waste, cattle dung etc. and enhance environmental sustainability by reducing greenhouse gas emissions and preventing the burning of agricultural residues. They also support rural development through direct and indirect employment generation; increased income to farmers; creation of an organic manure supply chain; promotion of organic farming; infrastructure development; improved waste management and sanitation; and enhanced energy security.

To accelerate deployment of CBG plants, the Government has adopted a “Whole of Government” approach involving multiple Ministries and Departments under the umbrella of GOBARdhan initiative. Various steps have been initiated including assured price for off-take of CBG through long term agreements with Oil and Gas Marketing Companies under Sustainable Alternative Towards Affordable Transportation (SATAT); the Umbrella Scheme of National Bio Energy Programme which inter-alia provides Central Financial Assistance to all kind of CBG/biogas plants; Additional Central Assistance for Municipal Solid Waste-based CBG projects under Swachh Bharat Mission Urban 2.0; the inclusion of bio-manure produced from CBG plants as Fermented Organic Manure and Liquid Fermented Organic Manure under Fertilizer Control Order 1985; Market Development Assistance to promote Organic Fertilizer produced from CBG projects; the inclusion of CBG projects under ‘White Category’ on case to case basis; the inclusion of CBG projects under Priority Sector Lending; loan products from various Banks for financing of CBG projects; etc.

Additional initiatives such as guidelines for synchronization of CBG with CNG in CGD Network; a scheme for the development of pipeline infrastructure (DPI) for facilitation of CBG offtake; a scheme to support CBG producers for procurement of Biomass Aggregation Machinery (BAM) Scheme; and phase wise mandatory selling of CBG in CNG (T) and PNG (D) segment of CGD network have also been initiated by the Government.

Government is organizing workshops, seminars and meetings etc. across the country to create awareness among entrepreneurs and farmers about the technical, financial and operational aspects of CBG, and to encourage them to set up more CBG projects. Additionally, the detailed information is also made available at GOABRdhan Portal <https://gobardhan.eil.co.in/> and learning modules are also available on portal <https://satat.co.in/satat/>.

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