

**LOK SABHA**  
**UNSTARRED QUESTION No. 2792**  
TO BE ANSWERED ON 12<sup>th</sup> December, 2024

**ALTERNATIVE FUEL SOURCES IN PETROLEUM SECTOR**

2792. SHRI ARUN BHARTI:

पेट्रोलियम और प्राकृतिक गैस मंत्री

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

- (a) whether the Government specify the advancements in the use of alternative fuels in the petroleum sector during the last five years and the current year and if so, the details thereof;
- (b) the details of the projects that have been initiated to develop alternative fuel sources and their current status of operation;
- (c) the details of the budget allocation for these projects for the current fiscal year; and
- (d) the details of comparative data on the reduction in carbon emissions and environmental impact due to these projects during the last five years and the current year?

**ANSWER**

पेट्रोलियम और प्राकृतिक गैस मंत्रालय में राज्य मंत्री  
(श्री सुरेश गोपी)

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

(a) to (c): Government has been promoting various alternative fuels in the petroleum sector, which *inter-alia* include Compressed Natural Gas (CNG), Piped Natural Gas (PNG), Compressed Bio Gas (CBG) and Ethanol blended Petrol. Under the Ethanol Blended Petrol (EBP) Programme, Oil Marketing Companies (OMCs) sell petrol blended with ethanol and under the 'Sustainable Alternative towards Affordable Transportation' (SATAT) initiative, Compressed Bio Gas (CBG) is marketed along with Compressed Natural Gas (CNG).

Under the EBP Programme, the blending of ethanol in petrol increased from 188.6 crore litres in Ethanol Supply Year (ESY) 2018-19 to more than 700 crore litres in ESY 2023-24, with a corresponding increase in the blending percentage from 5% in ESY 2018-19 to 14.6% in ESY 2023-24.

The number of CNG stations has increased from 1742 in 2019 to 7341 in 2024 (as on 31.10.2024), improving accessibility to cleaner fuels for the transport sector. Domestic PNG connections to households have increased from 54.04 lacs in 2019 to 1.37 crore in 2024 (as on 31.10.2024). More than 740 districts have been covered under City Gas Distribution (CGD) authorisation. Around 80 CBG plants have been commissioned under the SATAT initiative in the last 5 years.

(d): Over the last five years, ethanol blending in petrol by Public Sector Oil Marketing Companies (OMCs) has contributed to a reduction of approximately 433 lakh metric tonnes of CO<sub>2</sub> emissions.

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