

LOK SABHA
UNSTARRED QUESTION No. 2859
TO BE ANSWERED ON 12th December, 2024

Ethanol Blending in Diesel

2859. Shri Selvaganapathi T.M.:

पेट्रोलियम और प्राकृतिक गैस मंत्री

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

- (a) whether the Government is considering blending 5% of ethanol in diesel, if so, the details thereof;
- (b) whether the country is closer to achieve the target of 20% blending in petrol in the next two years and if so, the details thereof;
- (c) whether the trial of ethanol-blended diesel has so far been done on BS-VI vehicles and if so, the details thereof;
- (d) whether it is true that the blending of ethanol with diesel was at an experimental stage and initial tests showed the formation of deposits in fuel tanks and other implications; and
- (e) if so, the details thereof?

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): Government has not launched any programme for ethanol blending in diesel.
- (b): The Government has been promoting blending of ethanol in petrol under the Ethanol Blended Petrol (EBP) Programme. The National Policy on Biofuels-2018, as amended in 2022, inter-alia advanced the target of 20% blending of ethanol in petrol to Ethanol Supply Year (ESY) 2025-26 from 2030. Public Sector Oil Marketing Companies (OMCs) achieved the target of 10% ethanol blending in petrol in June, 2022 i.e., five months ahead of the target during ESY 2021-22. Blending of ethanol further increased to 12.06% in ESY 2022-23 and approx. 14.6% during ESY 2023-24.
- (c) to (e): Research & Development efforts to blend biofuels with diesel/petrol are ongoing activities. In respect of blending of ethanol with diesel, Indian Oil Corporation Limited has conducted a Pilot Evaluation in 2022-23 to assess the performance and emission of 5% blend of ethanol in diesel. The Automotive Research Association of India (ARAI) has conducted few short duration experiments using ethanol blended diesel on BS-IV engines only. During these short duration trials, deposits in fuel tanks have not been observed.
