

GOVERNMENT OF INDIA
MINISTRY OF PETROLEUM AND NATURAL GAS
LOK SABHA

STARRED QUESTION NO: 25

ANSWERED ON:03.02.2022

Roadmap for Ethanol Blending

Chandra Prakash Choudhary

- (a)whether the Government has announced a roadmap for ethanol blending of fuel in the country;
- (b)if so, the details thereof;
- (c)whether the Government is aware of the impact of compatibility with ethanol fuels of on-road vehicles which are not designed/developed to run on 20 per cent ethanol blended fuel;
- (d)if so, whether it would result in increased fuel consumption and higher maintenance costs of vehicles; and
- (e)whether the Government is taking any steps to address the issue and if so, the details thereof?

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

ANSWER

MINISTER OF PETROLEUM & NATURAL GAS

(SHRI HARDEEP SINGH PURI)

(a) to (e):A Statement is laid on the Table of the House.

STATEMENT REFERRED TO IN REPLY TO PART (a) TO (e) OF THE LOK SABHA STARRED QUESTION NO. *25 TO BE ANSWERED ON 03.02.2022 REGARDING ROADMAP FOR ETHANOL BLENDING BY SHRI CHANDRA PRAKASH CHOUDHARY

(a) & (b):Government has been implementing Ethanol Blended Petrol (EBP) Programme, wherein, Oil Marketing Companies (OMCs) sell petrol blended with ethanol up to 10%. Due to several supply and demand side interventions since 2014, ethanol blending quantity has significantly improved from 38 crore litre in Ethanol Supply Year (ESY – period from December to November) 2013-14 to 302.3 crore litre in ESY 2020-21. The average ethanol blending percentage has also increased from 1.53% to 8.1% in the corresponding period.

Encouraged by the past 7 years performance, Government decided to advance the target of 20% ethanol blending in petrol from 2030 to 2025. A Roadmap for Ethanol Blending in India 2020-25 was prepared by an inter-Ministerial Committee and placed in public domain on World Environment Day i.e. on 5th June, 2021. This roadmap provides guidance to achieve the target of 20% ethanol blending in petrol by bringing all stakeholders together i.e. Ethanol producers, Oil Companies, Vehicle manufacturers and Consumers.

(c) to (e):A joint study was undertaken by Indian Institute of Petroleum (IIP) Dehradun, Automotive Research Association of India (ARAI) Pune and Indian Oil Corporation Limited (IOCL) R&D on E20 as fuel with existing vehicles under the aegis of Department of heavy Industry (DHI).

Subsequently, BIS has issued specification for E20 fuel. Based on the study, Ministry of Road Transport and Highways (MoRTH) recommended to adopt E20 fuel in the compatible vehicles as per Automotive Industry Standards (AIS) – 171.
