



No.: CHT/ED/06/2343

12.03.2020

**Sub: Lok Sabha : Diary No: 11000 dated 9.3.2020 to be answered on 23.03.2020 regarding BS-VI Fuel**

**Q (a) Whether the Govt. is planning BS-VI fuel mandatory for vehicle within the country and if so, the details thereof and the time by which it is likely to be introduced.**

Ans (a): Govt. has decided BS-VI grade fuel mandatory for vehicles within the country from 1<sup>st</sup> April, 2020. Refineries have already started supply of BS-VI compliant fuel and Oil Marketing Companies (OMCs) are already upgrading their supply network for necessary compliance by 1.4.2020 on PAN India basis.

**Q (b) The details of the number of states in which BS-VI fuel will be introduced initially including the price it will be available in these states, State/Price-wise**

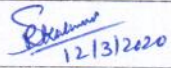
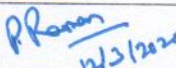
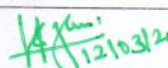
Ans (b): BS-VI fuel will be introduced throughout the country from 1.4.2020.

However, considering the rise in environmental pollution in Delhi & NCR, Government has started supply of BS-VI fuel from 1.4.2018 in NCT of Delhi, followed by major parts of NCR from 1st April, 2019. These include 4 districts of Rajasthan i.e (Alwar and Bharatpur) in NCR and (Karauli and Dhaulpur) outside NCR, 8 districts of Uttar Pradesh in NCR (Meerut, Muzzafarnagar, Ghaziabad, Gautam Buddha Nagar, Baghpat, Hapur, Bulandshahr and Shamli) and Agra City. The 7 districts of Haryana (Faridabad, Gurgaon, Mahendraghar, Rewari, Jhajjar, Palwal and Mewat) in NCR has already been covered from 1st Oct, 2019 leaving 6 districts of Haryana in NCR (Bhiwani, Rohtak, Sonapat, Panipat, Jind and Karnal), which would be covered along with nationwide supply of BS-VI quality fuels by 1st April, 2020.

Regarding Price, reply may be obtained from PPAC/OMCs.

**Q (c) Whether it will be very costly initially, if so, the details thereof and the reasons therefor and the time by which it will be provided at the reasonable rate within the country ?**

Ans (c): Reply may be obtained from PPAC/OMCs.

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**Note for Supplementary to Parliament Question 11000 dated 9.3.2020 to be answered on 23.03.2020 regarding BS-VI Fuel**

India has large population that is rapidly motorising. This has been resulting in the increase in pollutant level like PM 2.5 and NOx in environment. These have adverse impact on the health of people, particularly the ones who are exposed to the vehicular pollution. Therefore reducing vehicular emissions and increasing fuel efficiency became essential direction for India to take with sense of responsibility and urgency.


The Govt. of India has taken several policy measures like improvement in quality of fuels and vehicular technology to bring down the emissions from the tail pipe. Liquid fuels MS and HSD are the most common automobile fuels in India as everywhere. MoP&NG has progressively upgraded the quality of these two major fuels in short span to keep pace with the technology and also quality levels in the advanced countries. This also enabled advances in the vehicle technology.

The proposed BS-VI regulation will reduce diesel Sulphur content to a maximum of 10 ppm, enabling the introduction of advanced emission control technologies, including diesel particulate filters (DPF) to reduce PM and selective catalyst reduction (SCR) systems for reduction in NOx emissions in diesel passenger cars. The Proposed BS-VI regulation for Gasoline Sulphur to 10 ppm shall enable meeting BS-VI emission from Gasoline passenger cars.

Each refinery after exhaustive study identified technological interventions in terms of setting up of new units as well as revamp of existing units. New units like diesel hydro-treating, hydrocrackers etc, have been envisaged for reduction of sulphur in Diesel. For reduction of sulphur in gasoline, new units like PrimeG, Isomerisation, reformers were identified. These units are to be commissioned with a very tight implementation schedule.

Capital Investment of more than Rs 30,000 crore is anticipated for improving fuel quality to BS-VI for both Petrol and Diesel by PSU refineries. Further, the upgradation facilities provided under BS-VI Project, will incur additional operating cost on account fuel, power and utilities, catalyst/chemicals etc.

Marketing Companies have worked out detailed plan for smooth roll over to BS-VI on PAN India basis.

  
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