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**MEDIA BRIEF**

**BS-VI automotive fuels:**

**Implementation status at IndianOil**

IndianOil, along with the other Oil Marketing Companies (BPC and HPC), is rolling out Bharat Stage-VI (BS-VI) automotive fuels (petrol & diesel) across the country by April 1, 2020.

As part of India’s fuels upgradation programme, the vehicular pollution norms introduced in the early 1990s have been made more stringent over time. The current BS-IV norms were enforced in 2017, after BS-II and BS-III norms, which were enforced in 2005 and 2010 respectively. In the transition to BS-VI fuels, BS-V norms have been skipped in order to have a more stringent standard at the earliest to curb pollution levels.

Delhi NCR was to have BS-VI fuel supplies by April 2019 and the rest of the country from April 2020. OMCs switched over to supply of BS-VI grade fuels in Delhi/NCT on April 1, 2018. Supply of BS-VI fuels was further extended to 4 contiguous districts of Rajasthan and 8 of Uttar Pradesh in the National Capital Region (NCR) on April 1, 2019, together with the city of Agra. BS-VI grade fuels were made available in 7 districts of Haryana from Oct. 1, 2019.

**BS-VI fuels’ key improvements over BS-IV fuels**

BS-VI fuels are ultra-clean fuels, qualifying to stringent world-standard fuel quality parameters. The sulphur content in BS-VI fuels has been reduced to 10 ppm from 50 ppm in BS-IV fuels. The lower sulphur in the fuel will permit the use of advanced after-treatment devices (ATDs) used for reducing harmful exhaust emissions like CO, HC, NOx and Particulate Matter (PM). Moreover, sulphur reduction will reduce PM emissions even in the in-use older generation diesel vehicles. Hence, vehicles complying with BS-VI norms as compared to BS-IV norms would produce lower NOx emissions, lower PM emissions and lower hydrocarbon emissions. The poly-aromatic hydrocarbons (PAH) in diesel fuel have been reduced to 8% in BS-VI compared to 11% in BS-IV; thereby reducing carcinogenic emissions. The emission norms of BS-VI diesel are as good or even superior to those of compressed natural gas (CNG).

**BS-VI implementation at IndianOil refineries**

IndianOil refineries have switched over to production of BS-VI fuels by implementing clean fuel projects at a combined cost of about Rs. 17,000 crore. The projects completed include installation of new units like diesel hydro-treater, gasoline isomerisation, hydro-desulphurisation and revamp of existing process, offsite and utility facilities at all refineries.

Implementation of the majority of the BS-VI projects has been completed and all IndianOil refineries have started production of BS-VI fuels except for Guwahati Refinery. Digboi Refinery was the first refinery to produce 100% BS-VI compliant fuels followed by Gujarat, Barauni, Paradip, Panipat, Mathura and Haldia refineries.

**BS-VI implementation in IndianOil marketing network**

Switchover to BS-VI fuel supplies by IndianOil’s marketing and retail network is also in full swing across the country. As per current progress, about 80% of IndianOil’s 121 bulk storage terminals/depots will achieve conversion from BS-IV to BS-VI fuels by 31st Jan. 2020. In the markets catered to by them, 100% dispensing of BS-VI fuels at petrol/diesel stations is likely to be achieved by the end of Feb. 2020. The Corporation is confident of supplying BS-VI fuels pan-India well ahead of the deadline of April 1, 2020.

[**Click here**](http://iocl.com/download/Refinery%20Photos.zip)to download the photos of Panipat Refinery and Haldia Refinery

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