

LOK SABHA  
UNSTARRED QUESTION NO.14  
TO BE ANSWERED ON 25<sup>th</sup> April, 2016

**SETTING UP OF OCTOMAX UNIT AT MATHURA**

14. SHRI NAGENDRA KUMAR PRADHAN:  
SHRI DHARMENDRA YADAV:  
पैट्रोलियम और प्राकृतिक गैस मंत्री

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

- (a) whether there is any proposal to set up Octomax/High Octane Petrol production unit at Mathura refinery and if so, the details thereof and the salient features of the same;
- (b) the details of the expenditure likely to be incurred on setting up of the said unit; and
- (c) the time by which the production from it is likely to be started?

ANSWER

पैट्रोलियम और प्राकृतिक गैस मंत्रालय में राज्य मंत्री (स्वतंत्र प्रभार) (श्री धर्मेन्द्र प्रधान)

MINISTER OF STATE (INDEPENDENT CHARGE) IN THE MINISTRY OF PETROLEUM AND NATURAL GAS (SHRI DHARMENDRA PRADHAN)

(a) Indian Oil Corporation Limited (IOCL) has approved a proposal for installation of one Octomax unit at Mathura Refinery. The details & salient features of the proposed Octomax Unit are as under:-

- (i) The proposed unit has a capacity to produce 55 KTPA of Iso-Octene having blending RON (Research Octane Number) of ~108.
- (ii) The technology has been developed indigenously by R&D of IOCL.
- (iii) The bottom stream of Propylene Recovery Unit, which is rich in unsaturated C-4 molecules, is used as the feed to the OCTOMAX unit. The feed contains various C-4 molecules including iso-butene, n-butene, butane, pentane, other C-5 etc. but only iso-butene takes part in the reaction where two molecules of iso-butene combine to form one-molecule of iso-octene.

(b) The estimated cost of installation of proposed Octomax unit at Mathura Refinery is Rs. 43.65 Crore (variation  $\pm$  10%).

(c) The production from the unit is likely to be started from July, 2018.

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