

**GOVERNMENT OF INDIA  
PETROLEUM AND NATURAL GAS  
LOK SABHA**

UNSTARRED QUESTION NO:14

ANSWERED ON:25.04.2016

Setting up of Octomax Unit at Mathura

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**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?
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**Answer**

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  $\hat{A}\pm 10\%$ ).

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

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