

**LOK SABHA**  
**UNSTARRED QUESTION No. 209**  
**TO BE ANSWERED ON 2<sup>nd</sup> February, 2023**

**Ethanol Production**

**209. DR. KALANIDHI VEERASWAMY:**  
**SHRI KRIPANATH MALLAH:**

पेट्रोलियम और प्राकृतिक गैस मंत्री

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

- (a) the details of the current ethanol production capacity in the country along with its sources;
- (b) whether the Government has projected its demand within the country based on the adoption of vehicles and if so, the details thereof;
- (c) whether the Government has proposed to expand its production within the country and if so, the details thereof; and
- (d) whether the Government has set a new target with regard to its production within the country and if so, the details thereof?

**ANSWER**

पेट्रोलियम और प्राकृतिक गैस मंत्रालय में राज्य मंत्री  
(श्री रामेश्वर तेली)

**MINISTER OF STATE IN THE MINISTRY OF PETROLEUM &  
NATURAL GAS**  
**(SHRI RAMESWAR TELI)**

(a): The current annual ethanol production capacity in the country is approximately 1037 crore litres which includes approximately 700 crore litres of molasses based and approximately 337 crore litres of grain based production capacity. Oil Central Public Sector Enterprises (CPSEs) are also setting up Second Generation (2G) ethanol bio-refineries at Panipat (Haryana), at Bathinda (Punjab) and at Bargarh (Odisha), each with a production capacity of 100 Kilo Litre Per Day (KLPD) and at Numaligarh (Assam) with a production capacity of 185 KLPD.

(b): As per the Roadmap prepared by NITI Aayog which is based on the projected sale of Motor Spirit (MS), the estimated requirement of ethanol for blending with petrol is 542 crore litres for Ethanol Supply Year (ESY) 2022-23, 698 crore litres for ESY 2023-24, 988 crore litres for ESY 2024-25 and 1016 crore litres for ESY 2025-26.

(c) & (d): Government has taken various steps to increase ethanol production in the country. Under the Ethanol Interest Subvention Scheme to encourage sugar mills and distilleries, a total of 1141 projects with estimated ethanol production capacity of approximately 4012 crore litres have been approved. Further, Public Sector Oil Marketing Companies (OMCs) had floated an Expression of Interest (EoI) for signing Long Term Offtake Agreement (LTOA) with upcoming dedicated ethanol plants in ethanol deficit States for supply of anhydrous ethanol. Through this EoI, Public Sector OMCs have signed LTOA with 131 Dedicated Ethanol Plant proponents in various states which will add an estimated production capacity of approx. 745 crore litres per annum of ethanol in next few years.

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