

LOK SABHA
UNSTARRED QUESTION No. 243
TO BE ANSWERED ON 08th December, 2022

Production of Bio-fuels

243. SHRI MADDILA GURUMOORTHY:

पेट्रोलियम और प्राकृतिक गैस मंत्री

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

- (a) the current level of production of bio-fuels in the country, bio-fuel State and generation-wise;
- (b) the details of reduction in the import bill of crude oil and petroleum products of the country on account of blending;
- (c) whether the Government has taken any steps to promote research and production of second Generation bio-fuels; and
- (d) 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 Public Sector Oil Marketing Companies (OMCs) have procured 385.92 crore litres of ethanol up to 15th November, 2022 for blending in petrol during the Ethanol Supply Year (ESY) 2021-22 (ESY: 1st December to 30th November) and 5.83 crore litres of bio-diesel for blending with diesel during the financial year 2022-23. The Oil and Gas Marketing Companies (OGMCs) have issued 3694 Letters of Intent (LoIs) to potential entrepreneurs for procurement of Compressed Bio Gas (CBG) up to 31st October, 2022.

(b): Ethanol Blending in Petrol up to 15th November, 2022 during the ESY 2021-22 is estimated to have had an impact of over Rs.20,000 crore on the import bill of crude oil and petroleum products.

(c) & (d): Government has notified Pradhan Mantri JI-VAN (Jaiv Indhan - Vatavaran Anukool fasal awashesh Nivaran) Yojana for promoting Second Generation (2G) ethanol production from cellulosic and lignocellulosic including petrochemical route in the country by providing financial support. Oil Central Public Sector Enterprises (CPSEs) are setting up Second Generation (2G) ethanol bio-refineries in the country. 2G ethanol plant at Panipat (Haryana) has been set up and dedicated to the Nation by

the Hon'ble Prime Minister on 10.08.2022. Plants at Bathinda (Punjab), Bargarh (Odisha), Numaligarh (Assam) are in advanced stages of construction.

Research & Development centres of Oil and Gas Public Sector Enterprises have taken up research work and setting up demonstration projects on advanced biofuels at different locations. viz., Panipat (Haryana) by Indian Oil Corporation Ltd., Bengaluru (Karnataka) by Hindustan Petroleum Corporation Ltd and Noida (Uttar Pradesh) by Bharat Petroleum Corporation Ltd. Department of Bio-Technology has established 5 Centres of Excellence in Bioenergy Capacity building to promote research and production of 2nd Generation biofuels.
