

LOK SABHA
UNSTARRED QUESTION No. 2544
TO BE ANSWERED ON 22nd December, 2022

Bio-fuels and Biorefineries

2544. SHRI RAJA AMARESHWARA NAIK:
SHRI BHOLA SINGH:
SHRI RAJVEER SINGH (RAJU BHAIYA):
DR. SUKANTA MAJUMDAR:
SHRI VINOD KUMAR SONKAR:

पेट्रोलियम और प्राकृतिक गैस मंत्री

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

- (a) whether India is the fifth largest producer of biofuels in the world and if so, the details thereof;
- (b) whether the Government proposes to utilise its G20 presidency to push for an international biofuels alliance on the pattern of International Solar Alliance and if so, the details thereof;
- (c) whether the Green Hydrogen fuel has been approved for use in the country and if so, the details thereof;
- (d) whether the Government proposes to set up twelve biorefineries to produce fuel from items like crop stubble, plant waste and municipal solid waste in the country; and
- (e) if so, the details thereof along with the other steps taken/being taken by the Government in this regard?

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): India is one of the leading producers of biofuels in the world. The Public Sector Oil Marketing Companies (OMCs) have procured ethanol from domestic producers and thereafter blended 433.6 crore litres of ethanol in petrol during the Ethanol Supply Year (ESY) 2021-22 (ESY: 1st December to 30th November) and procured 5.83 crore litres of bio-diesel till November, 2022 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): India, during its Presidency of G20, is emphasising on international collaboration for energy security and enhanced development of emerging fuels like biofuel and hydrogen.
- (c): Government has notified the use of hydrogen as automotive fuel for fuel cell vehicles on 16th September, 2016.

(d) & (e): 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 biomass including petrochemical route in the country by providing financial support for setting up 2G ethanol bio-refineries. Oil CPSEs are setting up 2G ethanol bio-refineries in the country at Panipat (Haryana), Bathinda (Punjab), Numaligarh (Assam), Bargarh (Odisha) and one demonstration project at Panipat. Bio-refinery at Panipat has been dedicated to the nation. Plants at Bathinda, Bargarh and Numaligarh are in advanced stage of construction.
