

GOVERNMENT OF INDIA  
MINISTRY OF PETROLEUM AND NATURAL GAS

**RAJYA SABHA**  
**UNSTARRED QUESTION No. 777**  
ANSWERED ON 29.07.2024

**Ethanol 100 fuel**

777. DR. MEDHA VISHRAM KULKARNI:

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

- (a) whether Government has been successful in transforming food providers into energy providers through Ethanol 100 fuel; and
- (b) the progress made by Government in transforming the country's transport sector and reducing dependence on fossil fuels through this new fuel?

**ANSWER**

MINISTER OF STATE IN THE MINISTRY OF PETROLEUM & NATURAL GAS  
(SHRI SURESH GOPI)

(a): Use of biomass based on sugar and starch containing agricultural crops for production of biofuels has transformed farmers from food providers to energy providers. For the Ethanol Supply Year 2022-23 (Nov'22 to Oct'23), approximately 509 crore litres of ethanol has been blended in petrol, resulting in saving of more than Rs. 24,300 crore of foreign exchange and higher income to farmers. Further, sale of Ethanol 100 fuel has been launched in February/ March 2024 in select retail outlets, in addition to a very large number of retail outlets selling E-20 fuel.

(b): To transform the country's transport sector and to facilitate the development of Motor Vehicles running on non-fossil fuels like Bio-CNG, EV, Biofuels, etc., Ministry of Road Transport and Highways (MoRTH) has notified mass emission standards in respect of blending of ethanol with petrol, flex-fuel, Biodiesel, Bio-CNG, blends of Methanol with gasoline, Hydrogen, etc.

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