

GOVERNMENT OF INDIA
MINISTRY OF HEAVY INDUSTRIES
LOK SABHA
UNSTARRED QUESTION NO. 448
ANSWERED ON 19.07.2022

AVAILABILITY OF FLEX FUEL VEHICLES

448. PROF. SOUGATA RAY:

Will the Minister of HEAVY INDUSTRIES भारी उद्योग मंत्री be pleased to state:

- (a) whether the Government has taken steps to ensure enough availability of flex fuel vehicles in the country;
- (b) if so, the details thereof and the expected sale of such vehicles for the next five years in Indian market;
- (c) the details of fuels which can be used in such vehicles; and
- (d) the details of the steps taken to reduce the electric vehicles and batteries thereof in the country?

ANSWER

THE MINISTER OF STATE FOR HEAVY INDUSTRIES
(SHRI KRISHAN PAL GURJAR)

(a) to (c): Sir, the Ministry of Heavy Industries is implementing the Production Linked Incentive (PLI) Scheme for Automobile and Auto Component Industry with a total budgetary outlay of Rs. 25,938/- Crore for a period of 5 years. The scheme incentivizes Electric Vehicles and Advanced Automotive Technology products. The list of Advanced Automotive Technology products includes Flex Fuel Engine and its components as under:-

- i. BS6 compliant Flex Fuel Engine capable of running upto Ethanol 85(E85) fuel,
- ii. Heated Fuel Rail for Flex Fuel Engine,
- iii. Heating Element for Flex Fuel Engine,
- iv. Heating Control Unit for Flex Fuel Engine,
- v. Electronic Control Unit (ECU) for Flex Fuel Engine (Processor minimum 32 bits) and
- vi. Ethanol Sensor for Flex Fuel Engine.

The Flex Fuel Vehicles (FFVs) have an internal combustion engine and can operate on a blend of gasoline and ethanol.

(d): Electric vehicles (EVs), having zero tailpipe emission are also incentivised. For incentivising EVs, the MHI implements three schemes namely:

- i. Faster Adoption and Manufacturing of Hybrid and Electric Vehicles in India (FAME India) Scheme
- ii. PLI Scheme for Automobile and Auto Component Industry
- iii. PLI Scheme for Advanced Chemistry Cell (ACC).
