

**GOVERNMENT OF INDIA
MINISTRY OF ROAD TRANSPORT AND HIGHWAYS**

**LOK SABHA
UNSTARRED QUESTION NO. - 3101
ANSWERED ON 7th AUGUST, 2025**

LOW-CARBON TRANSPORT SYSTEM

3101. SHRI ADITYA YADAV:

Will the Minister of ROAD TRANSPORT AND HIGHWAYS

सड़क परिवहन और राजमार्ग मंत्री

be pleased to state:

- (a) whether the Government is aware of the need for an integrated, efficient and inclusive low-carbon transport system in the country; and**
- (b) if so, the details of the steps that are proposed to be taken in this regard?**

ANSWER

THE MINISTER OF ROAD TRANSPORT AND HIGHWAYS

(SHRI NITIN JAIRAM GADKARI)

(a) and (b) The Government has taken following initiatives to promote adoption of Electric Vehicles (EVs) for low-carbon transport system in the country:

(i) Notification issued vide S.O. 5333(E) dated the 18th October, 2018 to grant exemption from the requirements of the permit to the battery operated transport vehicles.

(ii) Notification issued vide G.S.R. 525(E) dated the 2nd August, 2021 to grant exemption of Battery Operated Vehicles from

payment of fees for the purpose of issue or renewal of registration certificate and assignment of new registration mark.

(iii) Notification issued vide G.S.R. 302(E) dated the 18th April, 2023 to grant All India Tourist Permit for battery-operated vehicles without payment of permit fee.

(iv) Notification issued vide G.S.R. 167(E) dated the 1st March, 2019 to facilitate retro-fitment of hybrid electric system or electric kit to vehicles.

(v) Notification issued vide G.S.R. 749(E) dated the 7th August 2018 enabling registration mark of Battery Operated Vehicles in Yellow colour on Green background for the transport vehicles and for all other cases, in White colour on Green background.

(vi) Further, an advisory dated 12th August 2020 has been issued to all States and UTs regarding sale and registration of two-wheeled Electric Vehicles without batteries.

The Government in the Ministry of Road Transport and Highways has notified BS-VI norms vide G.S.R. 889(E) dated 16th September, 2016 by leapfrogging from BS-IV. The Government also notified E20 as a Mono fuel vide G.S.R 27 (E), dated 5th January, 2024 for all category of vehicles.

Further, to facilitate the development of Motor Vehicles running on non-fossil fuels like CNG, Bio-CNG, LNG, EV, Biofuels, etc. the Government has notified mass emission standards in respect of blends of ethanol with gasoline, flex-fuel, Biodiesel, Bio-CNG, Liquefied Natural Gas (LNG), blends of Methanol with gasoline, dual fuel, Hydrogen etc.

The Production Linked Incentive (PLI) Scheme for Automobile and Auto Components (PLI Auto) and PLI for Advanced Chemistry Cell Scheme incentivise the production of cells are helpful in promoting EV manufacturing in India.
