GOVERNMENT OF INDIA
MINISTRY OF POWER
LOK SABHA
UNSTARRED QUESTION NO.3204
ANSWERED ON 04.08.2022

PROMOTION OF ELECTRIC VEHICLES

†3204. SHRI MAHABALI SINGH:

Will the Minister of POWER be pleased to state:

(a) whether the Government formulates any plan to promote the use of electric vehicles in the country;

(b) if so, the details thereof;

(c) the steps taken by the Government to increase the number of charging stations across the country;

(d) whether the Government has framed any policy to provide the facility of replacement of batteries at the charging stations itself; and

(e) if so, the details thereof?

A N S W E R

THE MINISTER OF POWER AND NEW & RENEWABLE ENERGY

(SHRI R.K. SINGH)

(a) & (b) : The Government has taken following steps to promote the use of Electric Vehicles (EVs) in the country:

(i) Ministry of Heavy Industries (MHI) formulated Faster Adoption and Manufacturing of (Hybrid &) Electric Vehicles in India (FAME India) Scheme in 2015 to promote adoption of EVs. At present, Phase-II of FAME India Scheme is being implemented.

(ii) The Government has approved Production Linked Incentive scheme for manufacturing of Advanced Chemistry Cell batteries.

(iii) EVs have been covered under Production Linked Incentive Scheme for Automobiles and Auto Components.

(iv) The GST on EVs has been reduced from 12% to 5%. The GST on chargers/charging stations has been reduced from 18% to 5%.

(v) Ministry of Road Transport & Highways exempted battery operated transport vehicles from the requirement of permits.

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(vi) Ministry of Road Transport & Highways issued an advisory dated 17.07.2019 for the States to promote use of EVs and increase share of zero emission vehicles in shared mobility as well as public transport.

(c) : To increase the number of the charging stations across the country, the following steps have been taken;

i. Ministry of Power has issued clarification that the charging of batteries of EVs through charging station does not require any license.
ii. Central Electricity Authority (CEA) has issued amendments in the regulations regarding Technical Standards pertaining to Grid Connectivity and Safety of supply for Charging Stations.
iii. Revised consolidated Guidelines & Standards for charging infrastructure have been issued by the Ministry of Power on 14.01.2022 to accelerate the E-Mobility transition in the country.
iv. The Bureau of Energy Efficiency (BEE) has been selected as the Central Nodal Agency to take various initiatives for promotion of Charging Infrastructure for Electric Vehicles.
v. Ministry of Power along with Ministry of Road Transport and Highways, Ministry of Heavy Industries and NITI Aayog has launched a nationwide "Go Electric" Campaign on 19.02.2021 to educate the general public on the benefits of EVs.
vi. Action plans for 9 major cities have been prepared by the BEE for installation of Public Charging Stations (PCS). As per the initial estimates, a total of 46,397 PCS are being targeted in these cities by 2030.
vii. All the Central Ministries and the State Governments have been requested to join the Government of India's initiative on transformative mobility and to convert their fleet of official vehicles from present Petrol/Diesel Vehicles with EVs.
viii. In addition to the 520 charging stations sanctioned under FAME-I, the Government has sanctioned installation of 2,877 public EV charging stations in 68 cities and 1576 public EV charging stations on 9 prominent Expressways and 16 Highways in the country.
ix. Ministry of Housing and Urban Affairs has issued amendments in Model Building By-Laws and Urban and Regional Development Plans, Formulation and Implementation Guidelines regarding Charging Infrastructure for EVs.

(d) & (e) : During the Budget Speech 2022-23, it has been announced that considering the constraint of space in urban areas for setting up charging stations at scale, a battery swapping policy will be brought out and inter-operability standards will be formulated. The private sector will be encouraged to develop sustainable and innovative business models for 'Battery or Energy as a service'. This will improve efficiency in the EV eco-system.

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