GOVERNMENT OF INDIA
MINISTRY OF HEAVY INDUSTRIES
RAJYA SABHA
UNSTARRED QUESTION NO. 1551
ANSWERED ON 15.12.2023

PROMOTING MANUFACTURING OF ELECTRIC VEHICLES

1551. DR. M. THAMBIDURAI:

Will the Minister of Heavy Industries be pleased to state:

(a) whether Government has taken any steps to promote the manufacturing of electric vehicles to reduce the increasing pollution;

(b) if so, the details thereof;

(c) whether Government has formulated any scheme to provide subsidy or loan at lowinterest rate on electric vehicles to promote the sale of the said vehicles;

(d) if so, the details thereof, and if not, the reasons therefor; and

(e) the ratio of manufacturing and sale of these vehicles during the last three years, yearwise, vis-à-vis. petrol/diesel vehicles?

ANSWER

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

(a) & (b): Yes Sir, the Ministry of Heavy Industries has launched three schemes with an objective to boost demand of Electric Vehicles (EVs) and to incentivise manufacturing of EVs & Advanced Automotive Components. Their details are as under:

i. The Government notified Faster Adoption and Manufacturing of Electric Vehicles in India Phase II (FAME India Phase II) Scheme with a budgetary outlay of Rs. 10,000 crore for a period of five years commencing from 1st April, 2019 to promote hybrid/ electric technology in transportation so as to reduce dependency on fossil fuels and to address issues of vehicular emissions. As far as e-Buses, electric three wheelers (e-3W) and electric four wheelers (e-4W) are concerned, the scheme provides subsidy to those vehicles which are used in public transportation or for commercial use. For electric two wheelers (e-2W), privately owned vehicles are also provided with subsidy.

FAME II intends to support 7,090 e-Buses, 5 lakh e-3 Wheelers, 55,000 e-4 Wheeler Passenger Cars (including Strong Hybrid) and 10 lakh e-2 Wheelers. Further details about the FAME II India scheme can be seen on the website at https://heavyindustries.gov.in/fame-ii.

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ii. The Government on 12th May 2021 approved Production Linked Incentive (PLI) scheme, 'National Programme on Advanced Chemistry Cells (ACC) Battery Storage' in order to promote manufacturing in the country. The budgetary outlay of the scheme is Rs. 18,100 crores. The scheme envisages to establish a cumulative ACC battery manufacturing capacity of 50 GWh. The details of the scheme may be seen at https://heavyindustries.gov.in/pli-scheme-for-national-programme-on-advanced-chemistry-cell-acc-battery-storage.

iii. Production Linked Incentive (PLI) Scheme for Automobile and Auto Component Industry with a budgetary outlay of Rs. 25,938 crore provides financial incentives to boost domestic manufacturing of Advance Automotive Technologies (AAT) products (including electric vehicles and their components). The details of the scheme may be seen at https://heavyindustries.gov.in/pli-scheme-automobile-and-auto-component-industry.

(c) & (d): Sir, no scheme has been formulated by the Ministry of Heavy Industries and NITI Aayog on subsidy or loan at low-interest rate on electric vehicles to promote the sale of the electric vehicles.

However, incentives/subsidies are being provided to buyers of electric vehicles in the form of an upfront reduction in the purchase price of electric vehicles under Phase-II of FAME-India Scheme. The incentive is linked to battery capacities i.e., 10,000KWh for e-3W and e-4W with a cap 20% of the cost of vehicle. Further, the incentive/subsidies for e-2 wheeler has been fixed @10,000/- per KWh with cap 15% of the cost of vehicle w.e.f., 01.06.2023.

(e): Sir, the information regarding manufacture of electric vehicles is not maintained by the Ministry. The data regarding the number of sold vehicles in India including electric and petrol/diesel vehicles (as per information from Ministry of Road Transport and Highways, MoRTH), is **annexed.**

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ANNEXURE

DATA REGARDING THE NUMBER OF SOLD VEHICLES IN INDIA INCLUDING ELECTRIC AND PETROL/DIESEL VEHICLES

Detail of vehicle registered during calendars years -2020 to 2023 (till 12-12-2023)				
Particulars	2020	2021	2022	2023 (till 12-12-2023)
No. of Petrol Vehicles	1,63,54,918	1,63,15,856	1,78,17,281	1,80,56,749
No. of Diesel Vehicles	20,33,747	20,18,742	23,47,488	24,02,341
No. of Electric Vehicles	1,24,681	3,31,634	10,25,118	14,33,545
TOTAL of Above Three Rows	1,85,13,346	1,86,66,232	2,11,89,887	2,18,92,635
Total Vehicle Registered Calendar Year Wise	1,86,41,661	1,89,20,541	2,15,70,361	2,27,17,562
Ratio of EVs to total vehicles	0.0067	0.0175	0.0475	0.0631

Note: 1- The details given are for digitized vehicle records as per centralized Vahan 4.

2- Data for Telangana and Lakshadweep has not been provided as they are not in centralized Vahan 4.

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