

GOVERNMENT OF INDIA
MINISTRY OF HEAVY INDUSTRIES
RAJYA SABHA
UNSTARRED QUESTION NO. 431
ANSWERED ON 04.02.2022

MANUFACTURING AND USAGE OF ELECTRIC VEHICLES

431. SHRI RAM CHANDER JANGRA:

Will the Minister of **Heavy Industries** be pleased to state:

- (a) the details of effective steps taken for manufacturing and usage of electric vehicles during the last five years;
- (b) the number of companies which have obtained permission for manufacturing electric vehicles at present; and
- (c) the details of schemes under consideration for manufacturing and usage of electric vehicles in the coming five years?

ANSWER

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

(a): Sir, in order to promote manufacturing and adoption of electric vehicle in India, the Government of India launched the Faster Adoption and Manufacturing of (Hybrid &) Electric Vehicles in India (FAME India) Scheme in 2015 on pan India basis with an aim to reduce dependency on fossil fuel and to address issues of vehicular emissions.

At present, Phase-II of FAME India Scheme is being implemented for a period of 5 years w.e.f. 01st April, 2019 with a total budgetary support of Rs. 10,000 crores. This phase focusses on supporting electrification of public & shared transportation and aims to support, through subsidies, 7090 e-Buses, 5 lakh e-3 Wheelers, 55000 e-4 Wheeler Passenger Cars and 10 lakh e-2 Wheelers. In addition, creation of charging infrastructure is also supported to address range anxiety among users of electric vehicles.

Further, following steps have been taken by the Government for adoption of electric vehicles in the country:

- i. The demand incentive for electric two wheelers has been increased to Rs. 15,000/KWh from Rs. 10,000/KWh with an increase in cap from 20% to 40% of the cost of vehicle from 11th June, 2021, thus enabling cost of Electric two wheelers at par with that of ICE two wheeler vehicles.
- ii. The Government on 12th May, 2021 approved a Production Linked Incentive (PLI) scheme for manufacturing of Advanced Chemistry Cell (ACC) in the country in order to bring down prices of battery in the country. Drop in battery price will result in cost reduction of electric vehicles.
- iii. Electric Vehicles are covered under Production Linked Incentive (PLI) scheme for Automobile and Auto Components, which was approved on 15th September 2021 with a budgetary outlay of Rs. 25,938 crore for a period of five years.

- iv. GST on electric vehicles has been reduced from 12% to 5%; GST on chargers/ charging stations for electric vehicles has been reduced from 18% to 5%.
- v. Ministry of Road Transport & Highways (MoRTH) announced that battery-operated vehicles will be given green license plates and be exempted from permit requirements.
- vi. MoRTH issued a notification advising states to waive road tax on EVs, which in turn will help reduce the initial cost of EVs.

(b): Automobile is a liberalized sector and 100% Foreign Direct Investment (FDI) by automatic route is permitted in this sector, no permission has been given by the Ministry of Heavy Industries. The name of Original Equipment Manufacturers (OEMs) registered under FAME India Scheme Phase-II is at **ANNEXURE-I**.

(c): Sir, recently following two PLI schemes has been formulated by the Ministry of Heavy Industries which also includes promotion of manufacturing and usage of electric vehicles:

1. Production Linked Incentive scheme 'National Programme on Advanced Chemistry Cell (ACC) Battery Storage':

The Union Cabinet on 12th May, 2021 approved a Production Linked Incentive (PLI) Scheme for setting up manufacturing facilities for Advance Chemistry Cell (ACC), Battery Storage in India, with a total manufacturing capacity of 50 Giga Watt Hour (GWh) and with an outlay of Rs. 18,100 crore for 5 years. The Scheme aims to enhance India's Manufacturing Capabilities and Exports — for manufacture of Advance Chemistry Cell (ACC) in India and envisages incentivizing large domestic and international players in establishing a competitive ACC battery set-up in the country.

Under the PLI Scheme for ACC, the production-linked subsidy is based on applicable subsidy per KWh and percentage of value addition achieved on actual sale for manufacturers who set up production units with a capacity of at least 5 GWh up to a maximum of 20 GWh.

2. Production Linked Incentive scheme for Automobile and Auto Components:

The Union Cabinet on 15th Sep. 2021 has approved the Production Linked Incentive (PLI) Scheme for Automobile and Auto Components Industry in India for Enhancing India's Manufacturing Capabilities for Advanced Automotive Products with a budgetary outlay of Rs. 25,938 crores.

The PLI Scheme for Automobile and Auto components proposes financial incentives to boost domestic manufacturing of Advanced Automotive Technology products and attract investments in the automotive manufacturing value chain. Its prime objectives include overcoming cost disabilities, creating economies of scale and building a robust supply chain in areas of Advanced Automotive Technology products. It will also generate employment. This scheme will facilitate the Automobile Industry to move up the value chain into higher value-added products. The Scheme and its guidelines have been notified on 23rd September 2021.

ANNEXURE-I

The name of Original Equipment Manufacturers (OEMs) registered under FAME India Scheme
Phase-II

Sl. No.	OEM
1.	Altigreen Propulsion Labs Pvt Ltd
2.	Ampere Vehicles Private Limited
3.	Ather Energy Pvt. Ltd.
4.	Atul Auto Limited
5.	Avon Cycles Ltd
6.	Bajaj Auto Ltd
7.	Balan Engineering Private Limited
8.	Benling India Energy and Technology Private Limited
9.	Best Way Agencies Pvt. Ltd.
10.	Booma Innovative Transport Solutions Pvt Ltd
11.	champion polyplast
12.	Continental Engines Private Limited
13.	Dilli Electric Auto Pvt Ltd
14.	Energy Electric Vehicles
15.	Etrio Automobiles Private Ltd.
16.	Euler Motors Pvt Ltd
17.	Goenka Electric Motor Vehicles Pvt. Ltd.
18.	Grd Motors
19.	Hero Electric Vehicles Private Limited
20.	J.s. Auto Pvt Ltd.
21.	Jitendra New Ev Tech Pvt. Ltd.
22.	Kabira Mobility Ltd.
23.	Keto Motors Private Limited
24.	Khalsa Agencies
25.	Kinetic Green Energy & Power Solutions Ltd
26.	LectrixEvPvt.ltd.
27.	Li-ions Elektrik Solutions Pvt Ltd
28.	Lohia Auto Industries
29.	Mahindra & Mahindra Ltd
30.	Mahindra Electric Mobility Limited
31.	Microcon I2i Private Limited
32.	Mlr Auto Ltd
33.	Okinawa Autotech Private Limited
34.	Ola Electric Technologies Private Limited
35.	Om Balajee Automobile India Pvt Ltd
36.	Omega Seiki Pvt Ltd
37.	Piaggio Vehicles Private Limited
38.	Revolt Intellicorp Pvt. Ltd.
39.	Saera Electric Auto Pvt. Ltd.
40.	Scooters India Limited
41.	ShiganEvoltz Limited
42.	Sks Trade India Pvt Ltd
43.	Speego Vehicles Co. Pvt. Ltd.
44.	Tata Motors Passenger Vehicles Limited (formerly known as Tata Motors Limited)
45.	Thukral Electric Bikes Pvt Ltd
46.	Tunwal E-motors Pvt. Ltd.
47.	Tvs Motor Company Limited
48.	U P Telelinks Ltd
49.	Victory Electric Vehicles International Private Limited
50.	Y C Electric Vehicle
