

GOVERNMENT OF INDIA
MINISTRY OF HEAVY INDUSTRIES
LOK SABHA
UNSTARRED QUESTION NO.1402
ANSWERED ON 07.12.2021

MANUFACTURING OF HYBRID AND ELECTRIC VEHICLES

**1402. SHRI PRADEEP KUMAR SINGH:
SHRI SUNIL KUMAR SINGH:
SHRI RANJEETSINGH HINDURAO NAIK NIMBALKAR:
SHRI SUDHAKAR TUKARAM SHRANGARE:**

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

- (a) the present status of the manufacturing of Hybrid and Electric Vehicles in the country;
- (b) the reasons for very slow pace of implementation of Faster Adoption and Manufacturing of Hybrid and Electric Vehicles (FAME) Scheme; and
- (c) the fresh steps taken by the Government to bring down the cost of electric/Hybrid vehicles on par with those with internal combustion engines (ICEs)?

ANSWER

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

(a): Sir, the Ministry of Heavy Industries formulated a Scheme Faster Adoption and Manufacturing of (Hybrid &) Electric Vehicles in India (FAME India) Scheme in 2015 to promote adoption of electric/ hybrid vehicles (xEVs) in the country. 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-3Wheelers, 55000 e-4 Wheeler Passenger Cars and 10 lakh e-2 Wheelers. As on 26th November, 2021, 49 original equipment manufacturers (OEMs) of e-2W, e-3W & e- 4W have been registered under phase-II of FAME-India Scheme as ANNEXURE.

(b): The reasons for slow pace in implementation of Faster Adoption and Manufacturing of Hybrid and Electric Vehicles (FAME) scheme have mainly been:

- (i) High upfront cost of electric vehicle as compared to corresponding IC engine vehicle.
- (ii) Customer anxiety about range of electric vehicle.
- (iii) Limited models available in India compared to internal combustion engine (ICE) vehicles especially in Electric car segment.

(c): The following steps have been taken by the Government bring down the cost of electric/Hybrid vehicles on par with those with internal combustion engines.

- 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. 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%.
- iv. Ministry of Road Transport & Highways (MoRTH) announced that battery-operated vehicles will be given green license plates and be exempted from permit requirements.
- v. MoRTH issued a notification advising states to waive road tax on EVs, which in turn will help reduce the initial cost of EVs.

DETAILS OF ELECTRIC VEHICLE MANUFACTURERS/ ORIGINAL EQUIPMENT
MANUFACTURERS (OEMs) REGISTERED UNDER PHASE-II OF FAME INDIA
SCHEME

Category of e-Vehicle	OEM's Registered	Vehicle Sold as on 26th November, 2021
e-2W	Ather Energy	1,36,714
	Ampere Vehicles	
	Okinawa	
	Jitendra	
	Hero Electric	
	Revolt	
	Li-ions Elektrik	
	Tvs Motor	
	Benling India	
	Tunwal E-motors	
	Bajaj Auto Ltd.	
	Kabira Mobility	
	LectrixEv Pvt. Ltd.	
	Microcon i2i	
Ola Electric		
e-3W(including e-Rickshaws & e-cart)	Mahindra Electric	28,304
	Kinetic	
	Champion	
	Victory Electric	
	Y C Electric	
	Best Way	
	Avon Cycles	
	Goenka Electric	
	Energy Electric	
	Thukral Electric	
	Saera Electric	
	U P Telelinks	
	Khalsa Agencies	
	Atul Auto	
	Altigreen	
	Dilli Electric	
	Piaggio Vehicles	
	Speego Vehicles	
	Lohia Auto	
	Omega Seiki	
Keto Motors		
Etrio Automobiles		

	Mlr Auto	
	Om Balajee Automobile India Pvt Ltd	
	Jitendra	
	GRD Motors	
	Scooters India	
	Continental Engines	
	Euler Motors Pvt Ltd	
	Grd Motors	
	J.s. Auto Pvt Ltd.	
	ShiganEvoltz Limited	
	Sks Trade	
e-4W	Tata Motors	1,817
	Mahindra & Mahindra	
	Total	1,66,835
