

GOVERNMENT OF INDIA
MINISTRY OF HEAVY INDUSTRIES
LOK SABHA
UNSTARRED QUESTION NO. 3956
ANSWERED ON 25.03.2025

UPTAKE OF EVS UNDER PHASE-II OF FAME SCHEME

3956. SHRI HARIBHAI PATEL:

Will the Minister of HEAVY INDUSTRIES be pleased to state:

- (a) the data regarding the actual uptake of electric vehicles under Phase-II of the FAME Scheme, such as the number of e-buses, e-3W, e-4W, and e-2W sold;
- (b) whether the allocation of 86% of the total Phase-II budget for demand incentives has resulted in a significant increase in demand for electric vehicles, and if so, the manner in which it is measured;
- (c) whether the scheme's focus on providing affordable public transportation options has led to any specific outcomes in terms of reducing public transport emissions in 2024 and the data thereof;
- (d) whether the scheme has seen any major regional variations in terms of electric vehicle adoption and the factors which contribute to these differences and the data thereof; and
- (e) whether the private sector's participation in Phase-II of the FAME Scheme has been effective in scaling the EV infrastructure and supply chain?

ANSWER
THE MINISTER OF STATE FOR HEAVY INDUSTRIES
(SHRI BHUPATHIRAJU SRINIVASA VARMA)

(a): Faster Adoption and Manufacturing of (Hybrid &) Electric Vehicles in India (FAME India) Scheme Phase-II was implemented for a period of five years from 01.04.2019 with a total budgetary support of Rs.11,500 crore. The scheme incentivized sale of electric vehicles i.e. e-2Ws, e-3Ws & e-4Ws. Grants for deployment of e-buses and setting up of EV public charging stations (EVPCS) was also available under the scheme. Segment wise, number of electric vehicles sold under the FAME India scheme Phase-II, are as follows: -

Sl. No.	Segment	No. of EVs sold under Scheme
1	e-2 wheelers	14,69,343
2	e-3 wheelers	1,78,952
3	e-4 wheelers	23,311
	Total	16,71,606

Further, 6,862 electric buses were sanctioned to various cities/STUs/State Govt. entities for intra-city operations under the scheme.

(b): Within the revised outlay of Rs.11,500 crore for the scheme, an allocation of Rs.7,048 crore was made for demand incentives which has resulted in a significant increase in demand for electric vehicles. The EV penetration level has gone up from 0.71% to 6.82% during the FAME-II Scheme period as per details provided below :-

(No. in lakh)

Financial Year	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25 (till 18/03/25)
Category						
ICE Vehicles	244.20	173.79	179.86	211.49	229.60	232.98
Electric Vehicles (EVs)	1.74	1.43	4.59	11.83	16.81	18.48
EV Penetration	0.71%	0.82%	2.49%	5.30%	6.82%	7.35%

(Source: e-Vahan Portal)

(c): Out of 6,862 e-buses sanctioned under to various cities/STUs/State Govt. entities for intra-city operations under the scheme, 5,135 e-buses have been supplied till 28.02.2024. However, quantitative studies of emission reductions for the year 2024 has not been done.

(d): The state-wise EVs sold under the FAME-II scheme are indicated at **ANNEXURE**. The data indicates that Southern and Western states (Maharashtra, Karnataka, and Tamil Nadu) are leading in total numbers of EVs sold under the scheme, while Northeastern and smaller states have minimal EV adoption.

(e): Yes, private sector's participation in Phase-II of the FAME Scheme has been effective in scaling the EV infrastructure and supply chain. MHI has sanctioned ₹873.50 crore as a capital subsidy to three Oil Marketing Companies (OMCs) under Ministry of Petroleum and Natural Gas (MoPNG) for setting up EV Public Charging Stations (EV PCS) with help of private sector participation. Further, Progressive localization mandate i.e. Phased Manufacturing Programme (PMP) under the scheme has actively boosted demand for local supply chain.

**ANNEXURE TO LOK SABHA UNSTARRED QUESTION NO. 3956 ANSWER ON
25.03.2025**

State-wise No. of EVs sold under FAME-II Scheme during 01/4/2019 till 31/3/2024

State	e-2W	e-3W	e-4W	Total
Maharashtra	2,99,375	10,102	3,358	3,12,835
Karnataka	2,42,623	10,839	4,792	2,58,254
Tamil Nadu	1,28,265	4,073	659	1,32,997
Gujarat	1,24,301	2,948	302	1,27,551
Kerala	96,394	7,988	229	1,04,611
Delhi	66,185	20,910	7,528	94,623
Rajasthan	88,331	5,002	223	93,556
Uttar Pradesh	57,066	34,768	738	92,572
Telangana	72,561	4,505	1,655	78,721
Madhya Pradesh	52,746	8,412	128	61,286
Andhra Pradesh	55,659	5,245	58	60,962
Odisha	51,180	3,252	320	54,752
Chhattisgarh	31,992	6,575	74	38,641
Bihar	14,577	14,470	31	29,078
West Bengal	16,477	4,512	1,390	22,379
Haryana	13,036	3,228	1,373	17,637
Goa	15,087	62	19	15,168
Punjab	12,142	1,221	40	13,403
Jharkhand	9,170	3,436	215	12,821
Uttarakhand	7,609	4,749	38	12,396
Assam	3,405	8,664	86	12,155
Tripura	255	7,692	7	7,954
Jammu Kashmir	3,076	4,575	2	7,653
Puducherry	3,913	128	13	4,054
Chandigarh	2,207	441	18	2,666
Himachal Pradesh	913	249	5	1,167
Manipur	58	463	1	522
Meghalaya	138	375	-	513
Mizoram	326	2	-	328
The Dadra and Nagar Haveli and Daman and Diu	217	53	1	271
Andaman and Nicobar Islands	22	-	8	30
Arunachal Pradesh	7	9	-	16
Lakshadweep	14	2	-	16
Sikkim	9	1	-	10
Nagaland	7	1	-	8
Total	14,69,343	1,78,952	23,311	16,71,606
