

GOVERNMENT OF INDIA
MINISTRY OF HEAVY INDUSTRIES
RAJYA SABHA
UNSTARRED QUESTION NO. 2368
ANSWERED ON 05.08.2022

STATUS OF ELECTRIC VEHICLES IN DIFFERENT CATEGORIES

2368. SHRI PRAKASH JAVADEKAR:

Will the Minister of Heavy Industries be pleased to state:

- (a) the latest scenario of electrical vehicles in category 2, 3 and 4 wheelers in use, the details thereof; and
- (b) the status of electrical charging infrastructure?

ANSWER

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

(a): Sir, a total of 13,92,265 Electric Vehicles (EVs) are being used on the roads of India as on 3rd August, 2022 as per the information received from Ministry of Road Transport and Highways. The details are as under:

Sl. No.	Vehicle Category	No. of electric vehicles
1	Two Wheeler	5,44,643
2.	Three Wheeler	7,93,370
3.	Four wheeler and above	54,252
Grand Total		13,92,265

Further, sale of EVs in FY 2021-22 has gone up over three times as compared to sale of EVs in FY 2020-21 from to 1,34,460 (e2W:41048, e3W-88391 and e4w-5021) to 4,28,224.00 (e2W: 2,31,434, e3W: 1,77,884, e4W:18,906) as per the information available on VAHAN-4 centralized database of RC (Registration Certificate). The increase in sale of EVs is attributed mainly to the incentive provided under FAME India Scheme Phase-II, provided to buyers of electric vehicles meeting FAME criteria in the form of an upfront reduction in the purchase price of electric vehicles. The incentive is linked to battery capacity i.e. Rs. 10,000/KWh for e-3W and e-4W with a cap 20% of the cost of vehicle. Further, the incentive/ subsidies for e-2W 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 w.e.f. 11th June, 2021.

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

- i. The Government on 12th May, 2021 approved the 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 prices will result in cost reduction of electric vehicles.
- ii. Electric Vehicles are eligible for incentive under 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.

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.

(b): Under Phase-II of FAME-India Scheme, Rs. 1000 Cr has been allocated for the development of charging infrastructure. The Ministry of Heavy Industries had sanctioned 520 Charging Stations/ Infrastructure under the Phase-I of FAME India Scheme. Further, this Ministry has also sanctioned 2,877 Electric Vehicle Charging Stations in 68 cities across 25 States/UTs and 1576 charging stations across 9 Expressways and 16 Highways under Phase II of FAME India Scheme. Under FAME India Scheme I & II, a total of 532 charging stations have been installed as on 15th July, 2022 (479 under FAME-I and 53 under FAME-II). Ministry of Petroleum and Natural Gas (MoPNG) has informed that Oil Marketing Companies (OMCs) as on 01.07.2022 established 3448 electric vehicle charging stations at their Retail Outlets (ROs). The details are given at **ANNEXURE**.

ANNEXURE

Electric vehicle charging stations operationalised by Oil Marketing Companies (OMCs) at their Retail Outlets (Ros) as on 01.07.2022

State/UT	No of RO's where EV Charging Facility available
Andaman & Nicobar	2
Andhra Pradesh	191
Arunachal Pradesh	9
Assam	61
Bihar	87
Chandigarh	14
Chhattisgarh	115
Delhi	75
Goa	31
Gujarat	219
Haryana	199
Himachal Pradesh	33
Jharkhand	47
J&K UT	26
Karnataka	250
Kerala	102
Lakshadweep	1
Madhya Pradesh	242
Maharashtra	183
Manipur	16
Meghalaya	8
Nagaland	6
Odisha	118
Pondicherry	3
Punjab	125
Rajasthan	281
Tamil Nadu	235
Telangana	224
Tripura	16
Dadra and Nagar Haveli and Daman and Diu	1
Uttar Pradesh	308
Uttarakhand	43
West Bengal	177
Grand Total	3448

Operational charging stations under FAME-I:

Sl. No.	Name of State/ UT	Operational Charging stations Under FAME-I
1.	Telangana	57
2.	Jharkhand	30
3.	Goa	30
4.	Karnataka	65
5.	Himachal Pradesh	9
6.	Uttar Pradesh	16
7.	Rajasthan	49
8.	Delhi	94
9.	Chandigarh UT	48
10.	Delhi-Jaipur- Agra Highway	31
11.	Mumbai-Pune Expressway	17
12.	Jaipur- Delhi Highway	9
13.	Delhi- Chandigarh Highway	24
Total		479

Operational charging stations under FAME-II:

Sl. no.	State/UT	City	Operational Charging stations Under FAME-II
1	Delhi	Delhi	15
2	Maharashtra	Navi Mumbai	1
3		Nagpur	7
4	Tamil Nadu	Chennai	8
5	Kerala	Thrissur	8
6		Ernakulum	6
7		Kannur	2
8	Gujarat	Ahmedabad	2
9	Karnataka	Bangalore	1
10	Madhya Pradesh	Indore	2
11	Rajasthan	Jaipur	1
Total			53
