

GOVERNMENT OF INDIA
MINISTRY OF HEAVY INDUSTRIES
LOK SABHA
UNSTARRED QUESTION NO. 2008
ANSWERED ON 11.03.2025

POLICIES REGARDING EV CHARGING FACILITIES

**2008. SHRI SUDHEER GUPTA:
SHRI CHAVAN RAVINDRA VASANTRAO:
SHRI DHAIRYASHEEL SAMBHAJIRAO MANE:**

Will the Minister of HEAVY INDUSTRIES be pleased to state:

- (a) the total number of electric vehicles sold in the country during 2024 and the percentage vis-a-vis the total sale of vehicles during the said period;
- (b) whether electric vehicle sale is expected to rise by 27% by 2030 as per a report by SBI caps and if so, the details thereof;
- (c) whether lack of charging stations and bad service facilities at established charging stations in the different parts of the country is decreasing consumers enthusiasm for electric vehicles;
- (d) if so, the steps taken by the Government to overcome these lacunae;
- (e) whether low number of charging stations and pathetic conditions of charging facilities is due to ambiguous policies of the Government; and
- (f) if so, the concrete policies formulated by the Government regarding setting up and maintenance of EV charging facilities across the country?

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

(a): A total of 19.50 lakh electric vehicles (EVs) were sold in the country during the calendar year 2024. These EVs constituted 7.44% share in total vehicles sold in the calendar year 2024.

Calendar Year	Total EV registered on Vahan	Total Vehicles registered on Vahan	% Share of EVs
	(A)	(B)	(C)=(A)/(B)
2024	19,50,490	2,62,07,453	7.44%

Source: Vahan

(b): As per e-Vahan portal of Ministry of Road Transport and Highways, from FY 2014-15 onwards EV registration have increased multifold:

Table: EV Penetration from 2014-15 onwards

No. in lakh

Financial Year	No. of ICE Vehicles registered	No. of EV Vehicles registered	EV as a % of total vehicles registered
2014-15	193.98	0.02	0.01%
2015-16	201.06	0.16	0.08%
2016-17	215.96	0.56	0.26%
2017-18	238.63	0.96	0.40%
2018-19	251.7	1.47	0.58%
2019-20	244.2	1.74	0.71%
2020-21	173.79	1.43	0.82%
2021-22	179.86	4.59	2.49%
2022-23	211.49	11.83	5.30%
2023-24	229.6	16.81	6.82%
2024-25	225.87	17.84	7.31%

Increasing trend in EV penetration is expected to be continue.

(c) to (e): The Government of India has been consistently supporting setting up of charging infrastructure in the country. Under the FAME-II scheme, an allocation of Rs.839 crore was made for setting up of electric vehicle public charging stations (EVPCS). Similarly, under PM E-DRIVE scheme, an allocation of Rs. 2,000 crore has been made for setting up electric vehicle public charging infrastructure.

(f): The Ministry of Power (MoP) has issued "Guidelines for Installation and Operation of Electric Vehicle Charging Infrastructure-2024" on 17.09.2024 that outline standards and protocols for setting up of EV charging infrastructure network in the country. Further, MoP has also issued "Guidelines for Installation and Operation of Battery Swapping and Charging Stations" on 10.01.2025. These guidelines aim to facilitate robust EV charging infrastructure in the country.
