

GOVERNMENT OF INDIA
MINISTRY OF HEAVY INDUSTRIES
RAJYA SABHA
UNSTARRED QUESTION NO. 268
ANSWERED ON 21.07.2023

USE OF ELECTRIC VEHICLES

268. Dr. Kirodi Lal Meena:
Shri Tiruchi Siva:

Will the Minister of Heavy Industries be pleased to state:

- (a) the details and the number of electric vehicles currently in use in the country, State-wise particularly in Rajasthan;
- (b) the ratio of electric vehicles in use to total vehicles, State-wise;
- (c) the number of e-charging facilities currently available across the country;
- (d) whether any incentive on prices of batteries has been offered to both the manufacturer and the customer in order to make electric vehicles affordable, if so, the details thereof, if not, the reasons therefor; and
- (e) whether Government proposes to promote electric vehicles in the country and if so, the details thereof, State-wise?

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

(a) & (b): Sir, as per the e-vahan portal (Ministry of Road Transport and Highways), the detailed list of electric vehicles and total vehicles on roads, State/UT-wise including Rajasthan is at **ANNEXURE**.

(c): Sir, as per data available with Bureau of Energy Efficiency (BEE), Ministry of Power, a total of 8,738 no. of Public Charging Stations (PCS) are operational in the country as on 30th June 2023.

(d): Sir, under Phase-II of FAME-India Scheme, incentives are provided to buyers of electric vehicles 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 fixed @10,000/- per kWh with cap 15% of the cost of vehicle w.e.f. 01st June, 2023.

Further, the Government on 12th May, 2021 approved a Production Linked Incentive (PLI) Scheme for manufacturing of Advance Chemistry Cell (ACC) in the country. The total outlay of the scheme is Rs. 18,100 Crore for a period of 5 years. The scheme envisages to establish a competitive ACC battery manufacturing set up in the country (50 GWh). Additionally, 5GWh of niche ACC technologies is also covered under the Scheme. The scheme proposes a production linked subsidy based on applicable subsidy per KWh and percentage of value addition achieved on actual sales made by the manufacturers who set up production units.

(e): Yes Sir. In order to promote the use of electric vehicles in the country, the Government launched the Faster Adoption and Manufacturing of (Hybrid &) Electric Vehicles in India (FAME India) Scheme since 2015 on pan India basis. Presently, 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.

ANNEXURE

Listed below table provide state wise number of electric vehicles and total number of vehicle count.
The details pertaining to Rajasthan state are highlighted in bold.

Detail of on road vehicles as per Vahan4 as on 14-07-2023				
Sl. No	State name	Till date State wise - Total Number of vehicles registered	Till date State wise - total vehicle registered as Electric	proportion of Electric vehicle
1	Andaman & Nicobar Island	1,60,375	186	0.12%
2	Andhra Pradesh	1,65,17,516	66,500	0.40%
3	Arunachal Pradesh	2,99,371	25	0.01%
4	Assam	53,93,542	1,16,605	2.16%
5	Bihar	1,17,28,184	1,55,457	1.33%
6	Chandigarh	8,43,049	7,628	0.90%
7	Chhattisgarh	74,31,353	52,813	0.71%
8	Delhi	84,57,200	2,29,305	2.71%
9	Goa	12,04,110	12,139	1.01%
10	Gujarat	2,27,99,866	1,34,273	0.59%
11	Haryana	1,20,92,054	67,812	0.56%
12	Himachal Pradesh	21,45,062	2,362	0.11%
13	Jammu and Kashmir	20,48,212	10,225	0.50%
14	Jharkhand	70,56,955	35,331	0.50%
15	Karnataka	2,98,55,843	2,39,948	0.80%
16	Kerala	1,66,43,512	94,346	0.57%
17	Ladakh	43,757	65	0.15%
18	Madhya Pradesh	1,96,04,968	92,388	0.47%
19	Maharashtra	3,43,71,551	2,96,885	0.86%
20	Manipur	5,54,096	1,198	0.22%
21	Meghalaya	5,11,744	129	0.03%
22	Mizoram	3,49,287	114	0.03%
23	Nagaland	4,14,439	60	0.01%
24	Odisha	1,06,37,750	60,097	0.56%
25	Puducherry	13,29,787	4,421	0.33%
26	Punjab	1,31,75,075	34,162	0.26%
27	Rajasthan	1,89,14,170	1,75,595	0.93%
28	Sikkim	1,08,442	20	0.02%
29	Tamil Nadu	3,16,43,747	1,67,216	0.53%
30	Tripura	7,11,282	14,379	2.02%
31	UT of DNH & DD	3,72,133	345	0.09%
32	Uttarakhand	36,26,246	48,250	1.33%
33	Uttar Pradesh	4,39,43,230	5,56,629	1.27%
34	West Bengal	1,50,20,616	67,111	0.45%
Grand Total		34,00,08,524	27,44,019	0.81%

Note: 1- The details given are for digitized vehicle records as per centralized Vahan 4.

2 - Data for Telangana and Lakshadweep has not been provided as they are not in centralized Vahan 4."
