

GOVERNMENT OF INDIA
MINISTRY OF HEAVY INDUSTRIES
LOK SABHA
UNSTARRED QUESTION NO. 443
ANSWERED ON 19.07.2022

ELECTRIC VEHICLES

**443. SHRIMATI BHAVANA PUNDALIKRAO GAWALI:
SHRI KRUPAL BALAJI TUMANE:
SHRIMATI DELKAR KALABEN MOHANBHAI:**

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

- (a) the number of electric vehicles currently being used on the roads of India, State-wise particularly in Maharashtra, Dadar and Nagar Haveli, Daman & Diu and Lakshadweep;
- (b) the number of such vehicles as compared to the total number of vehicles and the number of e-charging facilities currently available to drivers of electric cars across the country, State-wise;
- (c) whether the Government is providing any incentive on the cost of batteries to make e-vehicles more affordable, if so, the details thereof and if not, the reasons therefor; and
- (d) whether the Government proposes to promote the use of electric vehicles in the country and if so, the details thereof, State-wise including Maharashtra, Dadar and Nagar Haveli, Daman & Diu and Lakshadweep?

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 of India, state/UT-wise is at **ANNEXURE-I**.

The details of number of e-charging stations currently available for electric vehicles including e-cars across the country, State-wise is at **ANNEXURE-II**.

(c) & (d): Yes, Sir. Following steps have been taken by the Government to promote the use of electric vehicles in India including Maharashtra, Dadar and Nagar Haveli, Daman & Diu and Lakshadweep State/UT :

- 1) The Faster Adoption and Manufacturing of (Hybrid &) Electric Vehicles in India (FAME India) Scheme in 2015 with an aim to reduce dependency on fossil fuel and to address issues of vehicular emissions. 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.

- 2) 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.
- 3) Electric Vehicles are covered under Production Linked Incentive (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.
- 4) 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%.
- 5) Ministry of Road Transport & Highways (MoRTH) announced that battery-operated vehicles will be given green license plates and be exempted from permit requirements.
- 6) MoRTH issued a notification advising states to waive road tax on EVs, which in turn will help reduce the initial cost of EVs.

ANNEXURE-I**The number of electric vehicles currently being used on the roads of India, State wise as on
14-07-2022**

Sr. No.	State Name	Total Electric Vehicle	Total Non-Electric Vehicle	Total
1	Andaman & Nicobar Island	162	1,46,945	1,47,107
2	Arunachal Pradesh	20	2,52,965	2,52,985
3	Assam	64,766	46,77,053	47,41,819
4	Bihar	83,335	1,04,07,078	1,04,90,413
5	Chandigarh	2,812	7,46,881	7,49,693
6	Chhattisgarh	20,966	68,36,200	68,57,166
7	Delhi	1,56,393	76,85,600	78,41,993
8	Goa	3,870	10,71,570	10,75,440
9	Gujarat	45,272	2,06,05,484	2,06,50,756
10	Haryana	37,035	1,07,78,270	1,08,15,305
11	Himachal Pradesh	1,175	19,64,754	19,65,929
12	Jammu and Kashmir	2,941	18,69,962	18,72,903
13	Jharkhand	16,811	64,86,937	65,03,748
14	Karnataka	1,20,532	2,68,70,303	2,69,90,835
15	Kerala	30,775	1,57,74,078	1,58,04,853
16	Ladakh	26	38,302	38,328
17	Maharashtra	1,16,646	3,10,58,990	3,11,75,636
18	Manipur	586	4,99,324	4,99,910
19	Meghalaya	49	4,59,001	4,59,050
20	Mizoram	21	3,15,626	3,15,647
21	Nagaland	58	3,39,129	3,39,187
22	Odisha	23,371	98,45,073	98,68,444
23	Puducherry	2,149	12,13,735	12,15,884
24	Punjab	14,804	1,24,63,019	1,24,77,823
25	Rajasthan	81,338	1,73,27,388	1,74,08,726
26	Sikkim	21	97,189	97,210
27	Tamil Nadu	82,051	2,98,42,376	2,99,24,427
28	Tripura	9,262	6,50,026	6,59,288
29	UT of DNH and DD	183	3,07,671	3,07,854
30	Uttarakhand	31,008	33,12,041	33,43,049
31	Uttar Pradesh	3,37,180	4,00,92,490	4,04,29,670
32	West Bengal	48,767	1,41,34,171	1,41,82,938
Grand Total		13,34,385	27,81,69,631	27,95,04,016

Note:-

1. The details given are for the digitized vehicle records as per centralized Vahan4.
2. The complete data of Andhra Pradesh, Madhya Pradesh, Telangana, and Lakshadweep is not available in Vahan4 hence they are not included.

ANNEXURE-II

1. Under Phase-I of FAME India Scheme – Ministry of Heavy Industries has sanctioned 520 EV Charging Stations out of which 479 charging stations have been installed as on 01st July, 2022 as follows:

State/ UT	Charging Stations	Highway	Charging Stations
Chandigarh	48	Delhi -Chandigarh	24
Delhi	94	Mum-Pune	17
Rajasthan	49	Delhi- Jaipur- Agra	31
Karnataka	65	Jaipur-Delhi Highway	9
Jharkhand	30		
Uttar Pradesh	16		
Goa	30		
Telangana	57		
Himachal Pradesh	9		
Total	398		81

2. Under Phase-II of FAME India Scheme:

- Ministry of Heavy Industries has sanctioned 2877 EV Charging Stations in 68 cities across 25 states/UTs. Out of which 50 charging stations have been installed as on 01st July, 2022.

State	No. of EV chargers sanctioned
Maharashtra	317
Andhra Pradesh	266
Tamil Nadu	281
Gujarat	278
Uttar Pradesh	207
Rajasthan	205
Karnataka	172
Madhya Pradesh	235
West Bengal	141
Telangana	138
Kerala	211
Delhi	72
Chandigarh	70
Haryana	50
Meghalaya	40
Bihar	37
Sikkim	29
Jammu & Kashmir	25
Chhattisgarh	25
Assam	20
Odisha	18
Uttarakhand	10
Puducherry	10
Andaman and Nicobar (Port Blair)	10
Himachal Pradesh	10
Total	2877

- MHI has sanctioned 1576 EV Charging Stations across **9 Expressways & 16 Highways**. Details are as specified below:

Sl. No	Expressways	EV Charging Stations Sanctioned
1	Mumbai - Pune	10
2	Ahmadabad - Vadodara	10
3	Delhi Agra Yamuna	20
4	Bengaluru Mysore	14
5	Bangaluru-Chennai	30
6	Surat-Mumbai	30
7	Agra-Lucknow	40
8	Eastern Peripheral (A)	14
9	Hyderabad ORR	16
Sl. No	Highways	EV Charging Stations Sanctioned
1	Delhi - Srinagar	80
2	Delhi – Kolkata	160
3	Agra - Nagpur	80
4	Meerut to Gangotri Dham	44
5	Mumbai - Delhi	124
6	Mumbai-Panaji	60
7	Mumbai - Nagpur	70
8	Mumbai - Bengaluru	100
9	Kolkata - Bhubaneswar	44
10	Kolkata - Nagpur	120
11	Kolkata - Gangtok	76
12	Chennai-Bhubaneswar	120
13	Chennai - Trivendram	74
14	Chennai-Ballary	62
15	Chennai - Nagpur	114
16	Mangaldai - Wakro	64
1576		

3.0 State/UT No. of Retail Outlets (Ros) where EV Charging facility is available as on 1.1.2022

State/UT	No of RO's where EV Charging Facility available
Andhra Pradesh	65
Arunachal Pradesh	4
Assam	19
Bihar	26
Chandigarh	4
Chhattisgarh	51
Delhi	66
Goa	17
Gujarat	87
Haryana	114
Himachal Pradesh	13
Jharkhand	22

J&K	3
Karnataka	100
Kerala	39
Leh	2
Madhya Pradesh	167
Maharashtra	88
Manipur	1
Meghalaya	3
Nagaland	2
Odisha	26
Pondicherry	2
Punjab	41
Rajasthan	174
Tamil Nadu	76
Telangana	112
Tripura	3
Uttar Pradesh	128
Uttarakhand	10
West Bengal	71
Grand Total	1536
