

**GOVERNMENT OF INDIA
MINISTRY OF POWER
LOK SABHA
UNSTARRED QUESTION NO.3036
ANSWERED ON 04.08.2022**

ELECTRIC VEHICLE CHARGING INFRASTRUCTURE

†3036. DR. BHARATIBEN DHIRUBHAI SHIYAL:

SHRI SHANKAR LALWANI:

DR. MANOJ RAJORIA:

SHRIMATI RANJEETA KOLI:

SHRI SUMEDHANAND SARASWATI:

**Will the Minister of POWER
be pleased to state:**

- (a) whether the Government is taking swift steps to create and augment electric vehicle charging infrastructure to promote electric vehicles across the country;**
- (b) if so, the details thereof and the guidelines issued in this regard;**
- (c) the details of incentives, subsidy and financial assistance given by the Government for setting up of these charging stations;**
- (d) the details of charging stations installed in the country, State-wise including Rajasthan;**
- (e) the time by which these are likely to be installed; and**
- (f) the steps being taken by the Government to increase the number of electric charging stations across the country?**

A N S W E R

THE MINISTER OF POWER AND NEW & RENEWABLE ENERGY

(SHRI R.K. SINGH)

- (a) to (f) : To increase the number of the charging stations across the country, the following steps have been taken;**
- i. Ministry of Power has issued a clarification that the charging of batteries of electric vehicles through charging station does not require any license.**
 - ii. Central Electricity Authority (CEA) has issued amendments in the regulations regarding Technical Standards pertaining to Grid Connectivity and Safety of supply for Charging Stations.**
 - iii. Revised consolidated Guidelines & Standards for charging infrastructure have been issued by the Ministry of Power on 14.01.2022 to accelerate the E-Mobility transition in the country.**

- iv. **The Bureau of Energy Efficiency (BEE) has been selected as the Central Nodal Agency to take various initiatives for promotion of Charging Infrastructure for Electric Vehicles.**
- v. **Ministry of Power along with Ministry of Road Transport and Highways, Ministry of Heavy Industries and NITI Aayog has launched a nationwide “Go Electric” Campaign on 19.02.2021 to educate the general public on the benefits of electric vehicles.**
- vi. **Action plans for 9 major cities have been prepared by Bureau of Energy Efficiency (BEE) for installation of Public Charging Stations. As per the initial estimates, a total of 46,397 Public Charging Stations (PCS) are being targeted in these cities by 2030.**
- vii. **All the Central Ministries and the State Governments have been requested to join the Government of India’s initiative on transformative mobility and to convert their fleet of official vehicles from the present Petrol/Diesel Vehicles with Electric Vehicles.**
- viii. **There are 2826 operational public charging stations (PCS) in the country including the State of Rajasthan. The details of the PCS in the States are given at Annexure-A.**
- ix. **Ministry of Housing and Urban Affairs has issued amendments in Model Building By-Laws and Urban and Regional Development Plans, Formulation and Implementation Guidelines regarding Charging Infrastructure for Electric Vehicles.**

Faster Adoption and Manufacturing of Electric & Hybrid Vehicles (FAME) is being implemented by Ministry of Heavy Industries (MHI). MHI had sanctioned 520 Charging Stations/Infrastructure under the Phase-I of FAME India Scheme. Further, MHI 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 Schemes 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).

At present, Phase-II of FAME India Scheme is being implemented on pan-India basis (including Rajasthan) for a period of 5 years w.e.f. 01st April, 2019 with a total budgetary support of Rs. 10,000 crores. This phase focuses on supporting electrification of public & shared transportation and aims to support, through subsidies, 7090 e-buses, 5 lakh e-3 wheelers, 55000 e-4 wheeler passenger cars and 10 lakh e-2 Wheelers. In addition, creation of charging infrastructure is also supported to address the range anxiety among users of electric vehicles.

**ANNEXURE REFERRED TO IN REPLY TO PARTS (a) TO (f) OF UNSTARRED
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State wise Operational Public Charging Stations (PCS)

Sl. No.	States	Operational PCS (nos.)
1	Andhra Pradesh	100
2	Arunachal Pradesh	2
3	Assam	12
4	Bihar	8
5	Chandigarh	7
6	Chhattisgarh	11
7	Delhi	504
8	Goa	18
9	Gujarat	55
10	Haryana	88
11	Himachal Pradesh	8
12	Jammu	2
13	Jharkhand	16
14	Karnataka	501
15	Kerala	95
16	Madhya Pradesh	33
17	Maharashtra	573
18	Manipur	1
19	Meghalaya	12
20	Nagaland	2
21	Odisha	24
22	Puducherry	2
23	Punjab	22
24	Rajasthan	54
25	Sikkim	1
26	Tamil Nadu	276
27	Telangana	173
28	Tripura	2
29	Uttar Pradesh	159
30	Uttarakhand	23
31	West Bengal	42
	Total	2826
