

GOVERNMENT OF INDIA
MINISTRY OF HEAVY INDUSTRIES
LOK SABHA
UNSTARRED QUESTION NO. 1434
ANSWERED ON 26.07.2022

CHARGING STATIONS FOR ELECTRIC VEHICLES

1434. SHRIMATI KIRRON KHER:

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

- (a) the objectives sought to be achieved under Faster Adoption and Manufacturing of (Hybrid &) Electric Vehicles in India (FAME India)-II scheme and National Auto Policy;
- (b) whether any charging stations for electric vehicles have been set up in the country including Punjab and Chandigarh and if so, the details thereof;
- (c) whether currently private companies can't set up charging stations in India as sale of electricity is a licensed activity and if so, the details thereof; and
- (d) the efforts made by the Government to promote setting up of charging stations for electric vehicles in the country?

ANSWER

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

(a): The Phase-II of Faster Adoption and Manufacturing of (Hybrid &) Electric Vehicles in India (FAME India) proposes to give a push to electric vehicles (EVs) in public transport and encourage adoption of EVs by way of market creation and demand aggregation. The scheme envisaged the holistic growth of EV industry including providing charging infrastructure and push toward greater Indigenization. FAME-II 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. Further, a draft National Automotive Policy has been prepared by MHI and placed on the website of MHI (www.heavyindustries.gov.in). The draft policy is holistic in nature and addresses the interests of the Automotive Industry in meeting the objectives of the Auto Mission Plan 2016-26.

(b): 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 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 A**.

(c): No Sir, Ministry of Power on 14.01.2022 has issued the revised consolidated Guidelines & Standards on Charging Infrastructure for Electric Vehicles and it has been clarified that any individual/ entity is free to set up public charging stations provided that, such stations meet the technical, safety as well as performance standards and protocols and norms/ standards/ specifications decided by Ministry of Power, Bureau of Energy Efficiency (BEE) and Central Electricity Authority (CEA) from time to time.

(d): To facilitate the establishment of Charging Infrastructure for Electric Vehicles following actions have been taken by the Government of India:

i. FAME-India Scheme: Ministry of Heavy Industries (MHI) has launched Phase-II of FAME India Scheme which provides for INR 1000 Crores for installation of Charging Infrastructure for Electric Vehicles.

ii. Grid Connectivity and Safety regulations: 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. Guidelines and Standards: Revised consolidated Guidelines and Standards for Charging Infrastructure for Electric Vehicles were issued by Ministry of Power vide MoP Communication No. 12/2/2018-EV (Comp No. 244347) on 14.01.2022.

iv. Central Nodal Agency: Bureau of Energy Efficiency (BEE) has been selected as the Central Nodal Agency (CNA) under the provisions of Guidelines issued on 01.10.2019.

v. Go Electric Campaign: 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 e-mobility, inform the potential EV owners about the Government incentives for EV adoption, generate curiosity and transform the same into demand.

ANNEXURE-A

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
