

GOVERNMENT OF INDIA
MINISTRY OF HEAVY INDUSTRIES
RAJYA SABHA
UNSTARRED QUESTION NO. 2673
ANSWERED ON 25.03.2022

SETTING UP OF CHARGING STATIONS FOR ELECTRIC VEHICLES

2673. SHRI SYED ZAFAR ISLAM:

Will the Minister of *Heavy Industries* be pleased to state:

- (a) the objectives sought to be achieved under phase-II of FAME India scheme and National Auto Policy;
- (b) whether any charging station for electric vehicles has been set up in the country, including Uttar Pradesh and if so, the details thereof;
- (c) whether it is a fact that currently, private companies cannot 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 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 towards 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 491 charging stations have been installed as on 01st March, 2022 as per **ANNEXURE**.

Further, as per information received from the Ministry of Petroleum and Natural Gas, total 1536 charging stations have been installed at Oil Marketing Companies (OMCs) retail outlets in the country including in Uttar Pradesh as on 01.01.2022.

(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, discredit misinformation against Electric Vehicles and bring together multiple stakeholders under single platform.

vi. Amendments issued by Ministry of Housing and Urban Affairs: 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.

ANNEXURE

1. Under Phase-I of FAME India Scheme – Ministry of Heavy Industries has sanctioned 520 EV Charging Stations out of which 473 charging stations have been installed as on 01.03.2022 as follows:

City	Charging Stations	Highway	Charging Stations
Chandigarh	48	Delhi -Chandigarh	24
Delhi	94	Mum-Pune	16
Jaipur	49	Delhi- Jaipur- Agra	31
B'Lore	60	Jaipur-Delhi Highway	9
Ranchi	30		
Lucknow	1		
Goa	30		
Hyderabad	57		
Agra	15		
Shimla	9		
Total	393		80

2. Under Phase-II of FAME India Scheme:

- Ministry of Heavy Industries has sanctioned 2,877 Electric Vehicle Charging Stations in 68 cities across 25 States/UTs. As on 01st March, 2022, total 18 charging stations (7 in the city of Chennai, 5 in Delhi, 4 in Nagpur and 2 in Ahmedabad) have been installed.

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 GangotriDham	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 Ros where EV Charging facility is available as on 01.01.2022

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
Maharastra	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
