

GOVERNMENT OF INDIA
MINISTRY OF HEAVY INDUSTRIES
LOK SABHA
UNSTARRED QUESTION NO. 477
ANSWERED ON 06.02.2024

NATIONAL ELECTRIC MOBILITY MISSION PLAN

477. **SHRIMATI CHINTA ANURADHA:**
SHRI SRIDHAR KOTAGIRI:

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

- (a) the status of implementation of the National Electric Mobility Mission Plan across the country;
- (b) the details of Government incentives and policies to encourage Electric Vehicle (EV) adoption and manufacturing; and
- (c) the progress in developing necessary infrastructure for EVs, such as nation-wide charging stations?

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

(a): The National Electric Mobility Mission Plan (NEMMP) 2020 is a National Mission document providing the vision and the roadmap for the faster adoption of electric vehicles and their manufacturing in the country. This plan was designed to enhance national fuel security, to provide affordable and environmentally friendly transportation and to enable the Indian automotive industry to achieve global manufacturing leadership.

As part of the NEMMP 2020, the Ministry of Heavy Industries formulated a Scheme namely; Faster Adoption and Manufacturing of (Hybrid &) Electric Vehicles in India (FAME India) Scheme in 2015 to promote adoption of electric/ hybrid vehicles (xEVs) in India. The Phase-I of the scheme was available up to 31st March, 2019 with budget outlay of Rs. 895 Cr. At present, Phase-II of FAME India Scheme is being implemented for a period of five years commencing from 1st April, 2019 with an outlay of Rs. 10,000 Crore which further enhanced to Rs. 11,500 Crore.

(b): Sir, in order to encourage electric vehicles (EV) adoption and manufacturing of EVs in the country, following three schemes have been formulated by the Ministry of Heavy Industries:

- i. Faster Adoption and Manufacturing of Hybrid and Electric Vehicles in India (FAME India): The Government notified Phase-II of FAME India Scheme initially for a period of 5 years w.e.f. 01st April, 2019 with an outlay of Rs. 10,000 Crore which further enhanced to Rs. 11,500 Crore.
- ii. Production Linked Incentive (PLI) Scheme for Automobile and Auto Component Industry: The Government on 15th September, 2021 approved the PLI Scheme for Automotive Sector with a budgetary outlay of Rs. 25,938 crores. The scheme provides incentives up to 18% for electric vehicles.

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- iii. Production Linked Incentive (PLI) scheme, 'National Programme on Advanced Chemistry Cells (ACC) Battery Storage': The Government on 12th May, 2021 approved PLI Scheme for manufacturing of ACC in the country with a budgetary outlay of Rs. 18,100 crore. The scheme envisages to establish a competitive ACC battery manufacturing set up in the country for 50 GWh. Additionally, 5GWh of niche ACC technologies is also covered under the Scheme.

Further, following initiatives have also been taken up by the Government of India to increase the use of electric vehicles in the country:—

- i. GST on electric vehicles and chargers/ charging stations for electric vehicles has been reduced to 5%.
- ii. Ministry of Road Transport & Highways (MoRTH) announced that battery-operated vehicles will be given green license plates and be exempted from permit requirements.
- iii. MoRTH issued a notification advising states to waive road tax on EVs, which in turn will help reduce the initial cost of EVs.
- iv. Further, Ministry of Power has taken several initiatives to accelerate deployment of public Electric Vehicle (EV) charging infrastructure in the country. Details of the initiatives are as follows:
 - a) Guidelines & Standards for Charging Infrastructure for Electric vehicles issued in January, 2022 which has been amended on November, 2022 and April, 2023.
 - b) Green Energy Open Access Rules 2022 has been notified with the objective to further accelerate renewable energy adoption, ensuring access to affordable, reliable, sustainable and green energy for all.
 - c) Ministry of Power also Launched "GO ELECTRIC" Campaign in February, 2021, to create awareness on the benefits of Electric Vehicles (EV), EV Charging Infrastructure and electric cooking in India.

(c): Sir, Ministry of Heavy Industries has also sanctioned Rs. 800 Cr. as capital subsidy to the three Oil Marketing Companies (OMCs) of the Ministry of Petroleum and Natural Gas (MoPNG) for establishment of 7,432 electric vehicle public charging stations.

Further, as per the information received from Ministry of Power, 12,146 nos. of public EV charging stations are operational across the country, as on 02.02.2024. The details of state wise operational public EV charging stations are at **ANNEXURE**.

ANNEXURE

State wise operational public EV charging stations as on 02.02.2024

S. No.	State Name	No. of Operational PCS
1	Andaman & Nicobar	3
2	Andhra Pradesh	327
3	Arunachal Pradesh	9
4	Assam	86
5	Bihar	124
6	Chandigarh	12
7	Chhattisgarh	149
8	D&D and DNH	1
9	Delhi	1886
10	Goa	113
11	Gujarat	476
12	Haryana	377
13	Himachal Pradesh	44
14	Jammu & Kashmir	47
15	Jharkhand	135
16	Karnataka	1041
17	Kerala	852
18	Lakshadweep	1
19	Madhya Pradesh	341
20	Maharashtra	3079
21	Manipur	17
22	Meghalaya	21
23	Nagaland	6
24	Odisha	198
25	Pondicherry	23
26	Punjab	158
27	Rajasthan	500
28	Sikkim	2
29	Tamil Nadu	643
30	Telangana	481
31	Tripura	18
32	Uttar Pradesh	582
33	Uttarakhand	76
34	West Bengal	318
Total PCS		12,146
