

GOVERNMENT OF INDIA
MINISTRY OF HEAVY INDUSTRIES
LOK SABHA
UNSTARRED QUESTION NO. 4985
ANSWERED ON 01.04.2025

EXPANSION OF EV CHARGING STATIONS

4985. DR. KALANIDHI VEERASWAMY:

Will the Minister of HEAVY INDUSTRIES be pleased to state:

- (a) whether lack of EV charging infrastructure has been found to be the primary barrier to EV adoption in the country, if so, the strategies employed by the Government to enhance the charging infrastructure;
- (b) whether the Government has plans to provide budgetary allocations or incentives to support the rapid expansion of EV charging networks across urban and rural areas;
- (c) the steps taken by the Government to collaborate with private sector partners to accelerate the development and deployment of charging stations nationwide; and
- (d) the initiatives taken by the Government to promote research and development in charging technologies and battery efficiency?

ANSWER
THE MINISTER OF STATE FOR HEAVY INDUSTRIES
(SHRI BHUPATHIRAJU SRINIVASA VARMA)

(a) & (b): Lack of EV charging infrastructure is a barrier to the EV adoption in the country. Under the FAME-II scheme, an allocation of Rs.839 crore was made for setting up of Electric Vehicle Public Charging Stations (EVPCS). An allocation of Rs.2,000 crore has been made under the PM E-DRIVE scheme for setting up EVPCS all across the country including urban and rural areas.

(c): Ministry of Power has issued “Guidelines for Installation and Operation of Electric Vehicle Charging Infrastructure-2024”, on 17.09.2024. These guidelines emphasize the role of public-private partnerships in expanding the EV charging infrastructure. Setting up EV charging station has been designated as de-licensed activity, simplifying the process for businesses.

(d): The Government is promoting Research and Development (R&D) related to EVs in the following manner: -

- i. The expenditure incurred on Engineering R&D and product design & development is allowed to be considered as part of Eligible Investment under PLI ACC scheme.
- ii. Under the Capital Goods scheme of MHI, up to 80% of the cost of R&D projects including those related to EVs is supported. These projects are housed in leading academic institutes like IITs, IISc. etc. The balance 20% is borne by the industry partners.
