

PROMOTION OF EVS AND INSTALLATION OF EV CHARGING STATIONS

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The Government has implemented following schemes to promote the adoption of Electric Vehicles (EVs) across the country: -

- i. **Faster Adoption and Manufacturing of Electric (&Hybrid) Vehicles in India' (FAME India) Scheme :** The second phase of FAME India scheme was implemented for a period of 5 years i.e. 01.04.2019 till 31.03.2024 with an outlay of Rs.11,500 crore.
- ii. **Production Linked Incentive (PLI) Scheme for Automobile and Auto Component Industry in India (PLI-Auto):** The Government approved this scheme on 23.09.2021 for Automobile and Auto Component Industry in India for enhancing India's manufacturing capabilities for Advanced Automotive Technology(AAT) products with a budgetary outlay of Rs.25,938 Crore. The scheme proposes financial incentives to boost domestic manufacturing of AAT products including EVs with minimum 50% Domestic Value Addition (DVA) and attract investments in the automotive manufacturing value chain.
- iii. **Production Linked Incentive Scheme on National Programme on Advanced Chemistry Cell (ACC) Battery Storage:** The Government on 12.05.2021 approved PLI Scheme for manufacturing of ACC in the country with a budgetary outlay of Rs.18,100 crore. The scheme aims to establish a competitive domestic manufacturing ecosystem for 50 GWh of ACC batteries.
- iv. **PM Electric Drive Revolution in Innovative Vehicle Enhancement (PM E-DRIVE) Scheme:** This scheme with an outlay of Rs. 10,900 crore is implemented w.e.f. 01.04.2024 till 31.03.2028. The scheme aims to support electric vehicles including e-2W, e-3W, e-Trucks, e-buses and e-Ambulances. The scheme also includes support for EV public charging stations and upgradation of testing agencies. Under this scheme, demand incentive is provided to buyers (consumers/end users) of e-2Ws, e-3Ws (e-rickshaws & e-carts), e-3Ws (L5), e-trucks and e-ambulances in the form of an upfront price reduction at the time of purchase of the electric vehicle.
- v. **PM e-Bus Sewa-Payment Security Mechanism (PSM) Scheme:** This Scheme notified on 28.10.2024, has an outlay of Rs.3,435.33 crore and aims to support deployment of more than 38,000 electric buses. The objective of scheme is to provide payment security to e-bus operators in case of default by Public Transport Authorities (PTAs).
- vi. **Scheme for Promotion of Manufacturing of Electric Passenger Cars in India (SPMEPCI):** This scheme was notified on 15.03.2024 to promote the manufacturing of electric cars in India.

Setting up of electric vehicle charging stations is an unlicensed activity and private entrepreneurs can also participate in the activity. The Ministry of Power issued the “Guidelines for Installation and Operation of Electric Vehicle Charging Infrastructure–2024” on 17.09.2024 to strengthen EV charging including on National Highways. These guidelines promote a connected and interoperable charging ecosystem by including battery-swapping stations.

In addition to this, an allocation of Rs.2,000 crore has been made under the PM E-DRIVE Scheme, for setting up of electric vehicle public charging stations (EV PCS) on pan India basis including national and state highways.

As per inputs received from BHEL, a total of 29,151 EV charging stations have been installed so far.

This information was given by the Minister of State for Heavy Industries, Shri Bhupathiraju Srinivasa Varma in a written reply in the Lok Sabha today.

TPJ/NJ

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