

GOVERNMENT OF INDIA
MINISTRY OF POWER

RAJYA SABHA
UNSTARRED QUESTION NO.1587
ANSWERED ON 09.12.2024

GUIDELINES FOR EV CHARGING INFRASTRUCTURE 2024

**1587 DR. PARMAR JASHVANTSINH SALAMSINH:
DR. MEDHA VISHRAM KULKARNI:
SHRI BABUBHAI JESANGBHAI DESAI:
SHRI RAJIB BHATTACHARJEE:**

Will the Minister of **POWER** be pleased to state:

- (a) the details of "Guidelines for Setting up and Operation of EV Charging Infrastructure 2024" issued to support nationwide connected EV charging infrastructure;
- (b) the number of charging stations installed and to be added in the coming years, State wise; and
- (c) whether Government is planning to put the location of charging stations on navigation map for easy access?

A N S W E R

THE MINISTER OF STATE IN THE MINISTRY OF POWER

(SHRI SHRIPAD NAIK)

(a) : Ministry of Power has issued "Guidelines for Installation and Operation of Electric Vehicle Charging Infrastructure-2024" on 17th September 2024. These guidelines outline standards and protocols to create connected & interoperable EV charging infrastructure network in the country. The salient features of these guidelines are as follows:

- i. To facilitate electricity connection for EV charging stations, timelines have been specified. Owners of EV charging stations may opt for Low Tension (LT) connection for loads up to 150 kW.
- ii. To provide land at affordable prices to government / public entities and through revenue sharing model to any entity for setting up of public EV charging stations.
- iii. Tariff for supply of electricity to EV charging stations has been simplified. It has been advised to make tariff single part and limited to "Average Cost of Supply" till 31st March 2028.
- iv. Residential owners may use existing electricity connections for EV charging or may opt for a separate metered connection from Distribution Licensee with a dedicated EV charging tariff.

- v. To promote charging through solar energy, charging during solar hours (9 a.m. to 4 p.m.) has been incentivized.
- vi. Service fee charged by a public and community EV charging station from a customer has been rationalized.
- vii. Use of open communication protocols like Open Charge Point Protocol (OCPP), Open Charge Point Interface (OCPI) and Unified Energy Interface (UEI) to create connected and interoperable EV charging infrastructure has been encouraged.

(b) : As per data available with Bureau of Energy Efficiency, 25,202 Public Charging Stations have been installed till 28th November 2024. Approximately 72,000 chargers have been envisaged for installation in the coming years under PM Electric Drive Revolution in Innovative Vehicle Enhancement (PM E-DRIVE) Scheme.

(c) : Bureau of Energy Efficiency, a statutory body under Ministry of Power, has developed EV Yatra Portal in 2022 to facilitate EV users to locate nearest public EV charging stations.
