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**Ministry of Power to support the creation of EV  
charging stations**



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# Ministry of Power to support the creation of EV charging stations

The Ministry of power has devised a new set of guidelines and standards for Electric vehicle charging. The idea is to ensure a speedy, safe and accessible incorporation of EV charging facilities in the country. This would promote the use of clean energy and assist in reducing emissions from vehicles.

Firstly, owners can charge their electric vehicles at residence or office through their existing connections. Secondly, the Ministry has outlined instructions for setting up public charging infrastructure. These guidelines are exhaustive, focusing on individual owners and people who want to set up a public charging station.

An individual can set up an EV charging station without a license; however, the station must meet the performance and safety standards as specified by the Ministry of power, Bureau of Energy Efficiency (BEE) and Central Electricity Authority. The government is willing to provide land at promotional rates for the installation of the Public charging stations (PCS). This scheme is based on a revenue-sharing model where the land will be provided by the government, for which the business owner shall pay them at the rate of Rs1. /kWh every quarter. The party can enter into this agreement for an initial period of 10 years.

The government has assured that it shall provide electricity to these plants and they have claimed to do so in timelines which are; seven days in metro cities, fifteen days in other municipal areas, and thirty days in rural areas. There is a concession on Tariff charges as well, for these power stations tariff shall not be more than the "average cost of supply" uptill 31st March 2025. The state governments shall also fix a ceiling price for service charges which the stations will charge. Along with this the station can obtain electricity from any electricity-generating companies through open access, which shall be provided within 15 days of receipt of application.

To study and maintain the progress of these steps. BEE shall be responsible for creating a database of all public charging stations, and Network service providers shall tie-up with PCS to start online booking of charging slots.

As far as infrastructure development is concerned, to overcome the range scare of owners, the government plans to install PCS in a grid of 3km x 3km. The Ministry has decided that a charging station shall be set up every 25km on either side of the highway. The a Fast charging station will be setup on highways every 100kms. With these steps, the government has kick-started the process of switching to an electric-based industry. These actions would further facilitate the sales of electric vehicles and help curb the alarming rate of pollution caused by fuel-based automobiles.



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