



# New delhi electric vehicle charging infrastructure

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The Delhi Government's plan to roll-out at least 30,000 charging points across ...

The State EV Cell of Delhi released its three-year action plan for accelerating ...

**Private charging infrastructure** Installing EV charging points at private and semi-public spaces To address the challenge of lack of adequate charging infrastructure; Delhi plans to leverage the unique advantage of an EV which is that it can be charged when it is idle. The Delhi Government's plan to roll-out at least 30,000 charging points across Delhi will be a game changer in the adoption of light electric vehicles (2 & 3 wheelers) and fleet vehicles.

Large scale adoption of electric 2 and 3 wheelers is critical for Delhi's transition as the EV capital of India. With 42% of the vehicular pollution (PM 2.5) in Delhi caused by 2&3 wheelers, their adoption is also crucial for reducing vehicular pollution.

For accelerated deployment of these chargers to support the growing 2-&-3 vehicles, Delhi will leverage existing private and semi-public spaces like kirana stores, malls, theatres, hospitals, workspaces, group housing societies etc. which have parking space and high dwell time for vehicles. With the widespread availability of charging points in these spaces, Delhi will not only have the largest number of EV charging points in India but will also become among the most "Light EV" charging friendly cities in the world.

**Single window process for installing EV charging points from a trustworthy platform** The Delhi government has set in place a single window process for the people of Delhi to install EV charging points in their premises. This single window process is being made available both online and through a phone call. Through the DISCOMs, the Delhi Government has empaneled vendors who will provide installation of slow and moderate chargers. Under the single window, any consumer in Delhi can:

**Public Charging Stations** Range Anxiety is an inherent challenge for mass EV adoption, and increasing the spread of Public Charging Stations/Battery Swapping Stations (PCS/BSF) across Delhi is the key to address this barrier. In order to address this challenge, Delhi is exploring a strategy where the installation of charging stations is led by the private sector.

In the first phase, Delhi Government will set up close to 500 PCS/BSF across 100 Locations provided by different land-owning agencies in Delhi. These 100 locations have been bucketed into several packages based on detailed site assessment and spatial analysis. The packages will be tendered out on a concessional basis.

For setting up PCS/BSF, Delhi Government will provide the following support:



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To ensure these charging/battery swapping stations are equipped to support all vehicle segments, the Delhi Government will mandate setting up a certain number of slow and moderate/fast chargers on each site respectively. The Bidding criteria will be service charge on slow and moderate/fast chargers. L1 for each package will be selected as Concessionaire. Concessionaires are free to fix service charge on other types of chargers. The Concessionaires will pay the land owning agency INR 0.70/kWh of power sold through PCS/BSF.

Semi-Private Property Owner

Public EV Charging Deployment:

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