

Convert 25% of all vehicles to electric, save ₹6k cr: Report

PROPOSAL If the suggestions are approved by govt, they will be added to draft e-vehicle policy, says DDC chairman

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NEW DELHI: If 25% of all vehicles registered in the national capital are electric by 2024, then Delhi would save ₹6,000 crore in fuel costs, a report submitted to the government on Monday, by the Dialogue and Development Commission (DDC) of Delhi and Rocky Mountain Institute, said.

The report, submitted to transport minister Kailash Gahlot, has recommended creating a single window clearance system for registering e-vehicles (EVs) in Delhi. This was one the 10 actionable solutions offered to the Delhi government to accelerate mobility transition in the city, DDC chairman Jasmine Shah said.

He said these recommendations, if approved by the government, will be added to draft Electric Vehicle Policy for Delhi which, Shah added, is likely to be notified soon.

"The proposed solutions in the report range from policy, institutional, technical, and financial interventions that can help support rapid adoption of EVs and other urban mobility solutions in Delhi. We have also proposed commissioning of charging and battery swapping infrastructure. Introducing an attractive financing model for EVs through a government-led interest rate subvention scheme is another recommendation. Other recommendations include data solutions, awareness campaigns, and capacity-building programmes," Shah said.

The report estimated that as per the draft electric vehicle policy, the capital will need to register approximately five lakh new EVs in the next five years. During their lifespan, these EVs are estimated to save approximately ₹6,000 crore expenditure on fossil fuel imports, and 4.8 million tonnes of carbon dioxide emissions, equivalent to one lakh petrol



■ The report also proposes commissioning charging and battery-swapping infrastructure.

PARVEEN KUMAR/HT FILE

TO ACCELERATE CHANGE

FACTS IN FIGURES

11mn

Registered vehicles in Delhi

3.3mn

Registered cars

7.1mn

Registered two-wheelers

WHAT THE REPORT SAYS

- To meet Delhi's draft Electric Vehicle Policy target of 25% share of electric vehicles (EVs) in new registrations by 2024, Delhi will need to register approximately 5 lakh new EVs in the next five years.
- Over their lifetime, these EVs are estimated to help save approximately ₹6,000 crore in oil and liquid natural gas imports.
- They will also help cut 4.8 million tonnes of CO₂ (carbon dioxide) emissions.
- This is equivalent to avoiding CO₂ emissions from nearly 1 lakh petrol cars over their lifetime.
- It will also avoid about 159 tonnes of PM_{2.5} (fine particulate matter) tailpipe emissions, a known cause of respiratory diseases and premature deaths.

cars, the report noted. "It will also improve air quality by negating 159 tonnes of PM_{2.5} (fine particulate matter) tailpipe emissions, which are a known cause of respiratory diseases and premature deaths," it added.

Gahlot said, "This report will be an important reference point for our agencies on various reforms needed to ensure successful transition to e-vehicles."

The report was based on discussions and suggestions received at the mobility lab workshop, hosted by DDC and Rocky

Mountain Institute, in Delhi on June 26-27.

At the workshop, solution providers shared ambitious goals for deploying clean, shared, and people-centric mobility solutions, a government statement read.

"Over the next year, the participants intend to deploy nearly 35,000 electric and accessible passenger vehicles, at least 1,000 EVs for last-mile deliveries, and several public charging and swapping stations across Delhi. In addition to vehicles and hardware," it said.