

## Delhi Government's Draft Policy on E-Vehicles

### Why in news?

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The Delhi government recently released the draft of Delhi Electric Vehicle Policy 2018.

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### What is the objective?

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- About 30% of particulate pollution in winter in Delhi is caused by vehicles.
- Rapid adoption of zero-emission electric vehicles is therefore of great importance to Delhi.
- The policy thus recognises that a new approach is required to kick-start EV adoption in the national capital.
- It seeks to put in place several measures that address the key hurdles to EV adoption.

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### What are the key features?

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- The policy sets a target that 25% of all new vehicle registrations to be electric by the year 2023.
- **Incentives** - The Delhi government plans to create a significant corpus of funds to incentivise every vehicle segment.
- It proposes to offer a subsidy of Rs 22,000 on the purchase of an e-two-wheeler to ensure that its cost is equal or less than the petrol variants.

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- All incentives are in addition to the incentive offered by the Government of India under the FAME scheme.  
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- Additional fees on non-electric vehicles will fund the bulk of corpus created to incentivise the adoption of electric vehicles.  
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- FAME is the Scheme for Faster Adoption and Manufacturing of (Hybrid and) Electric Vehicles, notified in 2015.  
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- The FAME programme incentivises manufacturers, whereas the Delhi government's scheme incentivises consumers.  
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- **Infrastructure** - The policy has also committed to strengthen the infrastructure for battery charging and swapping.  
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- This is to ensure provision of access within 3 km range from anywhere in Delhi.  
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- The policy will also seek to promote large-scale job creation in driving, selling, financing, servicing and charging of e-vehicles.  
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- **Public transport** - The policy focuses on enhancing the quality of public transport rather than on private vehicle ownership.  
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- E.g. e-two-wheelers will also be permitted to provide last-mile connectivity  
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- They will additionally be offered a "scrapping incentive" of up to Rs 15,000 on older two-wheelers.  
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- For e-auto owners, the state proposes a payment subsidy of Rs 20,000 plus an interest subvention of 5%.  
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- For e-cabs, it plans to offer a full waiver on registration fees, road tax and the one-time parking fees.  
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- Passengers who use e-cabs will enjoy a cash-back of up to Rs 10 per trip.  
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- Delhi government also plans to ensure that e-buses will comprise half the fleet of new buses (1,000 of these to be inducted in 2019).

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- E-carriers, too, will be offered subsidies as well as exemption on restrictions on plying times and parking for light goods e-vehicles.
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## **What is the challenge ahead?**

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- Financing the subsidies would be a major challenge for the government.
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- The underwhelming experience with CNG (Compressed Natural Gas) vehicles is principally because of the relative dearth of refilling points.
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- So for e-vehicles, the success depends on the efficiency of the infrastructure i.e. the existence of charging stations.
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- Power distribution companies have welcomed the plan, on the assumption that they will be able to charge full rates at charging stations.
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- But the real challenge here is to ensure that Delhi's discoms have the wherewithal to lay parallel lines for charging stations.
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- This requires a significant upgrade of capabilities and network management and maintenance.
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- The discoms say they cannot do so, and demand at least a one-time grant to bolster their networks.
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- Without this, they will be forced to pass on the costs to consumers, which will disincentivise the use of e-vehicles.
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- So the state government will have to work closely with the discoms first.
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- It should ensure that the buyers' incentive it is building into its e-vehicles has a solid supporting foundation.
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**Source: Business Standard**

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