

Uttar Pradesh

Leading the Charge in Electric Vehicle (EV) Transition in the country

In recent years, Uttar Pradesh has positioned itself as a pioneer in the Electric Vehicle (EV) sector, indicating a significant move towards sustainable and eco-friendly mobility. Over 2,77,000 EVs were registered in the state in 2023. This notable increase underscores state's commitment to green initiatives and emphasises its significant role in shaping the future of transportation.

Uttar Pradesh has witnessed a substantial uptick in the adoption of electric vehicles from two-wheelers to four-wheelers and commercial fleets. This surge can be attributed to a combination of proactive state government policies and incentives provided under the visionary leadership of Hon'ble Chief Minister Yogi Adityanath. The Government of Uttar Pradesh is actively working towards establishing the state as a global hub for the production of electric vehicles, batteries, and related equipment. To support this initiative, the Uttar Pradesh Electric Vehicle Manufacturing and Mobility Policy 2022 includes attractive incentives for both electric vehicle purchasers and manufacturers.

The primary objective of the policy is not only to attract investments but also to generate direct and indirect employment opportunities in the state. Uttar Pradesh is harnessing its potential and seizing opportunities within the electric vehicle industry, positioning itself on the path to becoming a trillion-dollar economy.

UP Government Initiatives and Policies:

Being one of the largest consumer markets in the country, Uttar Pradesh is capitalizing on this advantage by offering incentives to buyers through its EV policy. According to the policy, electric vehicles sold and registered in Uttar Pradesh between October 14, 2022, and October 13, 2025, will enjoy a complete registration fees and road tax exemption of 100 percent. In the subsequent two years, spanning from October 14, 2025, to October 13, 2027, a full rebate of 100 percent will be extended to EVs manufactured, purchased, and registered within the state.

Under the new policy, the state will provide capital subsidy at the rate of 30 per cent on investment subject to a maximum of Rs 1,000 crores per project to a maximum of first two ultra-mega battery projects, investing Rs 1,500 crore or more each for setting up a battery manufacturing plant in the state of minimum production capacity of 1 GWh.

Moreover, the policy offers stamp duty reimbursement to the manufacturers at the rate of up to 100 per cent for the Integrated EV Project & Ultra Mega Battery project for setting up facilities anywhere in the state. The stamp duty reimbursement to Mega/ Large/ MSME projects will be 100 per cent in Purvanchal & Bundelkhand region, 75 per cent in Madhyanchal & Pashchimanchal (except Ghaziabad and Gautam Buddh Nagar district) and 50 per cent in Ghaziabad and Gautam Buddh Nagar district.

Charging infrastructure

The Uttar Pradesh government has initiated the installation of charging stations featuring a 'battery swapping' system for e-vehicles along Yamuna Expressway, Agra-Lucknow Expressway, Bundelkhand Expressway, Purvanchal Expressway and Gorakhpur Link Expressway.

In a move to promote electric vehicles (EVs), the state government has set sights on developing EV charging stations across several municipal cities, such as, Agra, Lucknow, Kanpur and Prayagraj. This

includes 100 EV charging stations in heritage sites and around 200 at tourist destinations like Mathura-Vrindavan and Varanasi-Ayodhya, and an additional 400 in national and state parks across the state.

To facilitate transition to electric vehicles, there are plans to establish public charging stations in cities at every three kilometers, on highways every 25 kilometers, and on roads frequented by heavy-duty vehicles every 100 kilometers.

The surge in EV registrations in Uttar Pradesh is not only a testament to the state's economic prowess but also a reflection of the growing awareness towards environmental sustainability. By embracing EVs, Uttar Pradesh is making significant strides towards a cleaner and greener mobility, setting an example for other states to follow.