



# Uttar Pradesh Electric Vehicle Manufacturing and Mobility Policy 2022





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## List of Abbreviations

1.	GDP	Gross domestic product
2.	ICE	Internal Combustion Engines
3.	EV	Electric Vehicle
4.	PHEV	Plug-In Hybrid Electric Vehicle
5.	CAGR	Compound annual growth rate
6.	YoY	Year-over-year
7.	IESA	India Electronics and Semiconductor Association (IESA)
8.	FAME	Faster Adoption & Manufacturing of (Hybrid &) Electric Vehicles
9.	ACC	advance chemistry cell
10.	OEM	Original Equipment Manufacturers
11.	NEMMP	National Electric Mobility Mission Plan
12.	PLI	Production Linked Incentive
13.	REIL	Rajasthan Electronics & Instruments Limited
14.	EESL	Energy Efficiency Services Limited
15.	EVSE	EV Supply Equipment
16.	EoDB	Ease Of Doing Business
17.	GSDP	Gross State Domestic Product
18.	EoL	Ease of Living
19.	EVMM	Electric Vehicle Manufacturing and Mobility
20.	SHEV	Strong Hybrid Electric Vehicles
21.	PHEV	Plug in Electric Vehicles
22.	BEV	Battery Electric Vehicles
23.	FCEV	Fuel Cell Electric Vehicle
24.	BMS	Battery Management System
25.	EPCU	Electric Power Control Unit
26.	OBC	On-board Charger
27.	LDC	Low Voltage DC-DC Converter
28.	VCU	Vehicle control unit
29.	ADB	Asian Development Bank
30.	CEMP	Comprehensive Electric Mobility Plan
31.	UPERC	Uttar Pradesh Electricity Regulatory Commission
32.	UPPCB	UP Pollution Control Board
33.	CTCP	Chief Town & Country Planner
34.	BEE	Bureau of Energy Efficiency
35.	MoP	Ministry of Power
36.	MoHUA	Ministry of Housing & Urban Affairs
37.	DHI	Department of Heavy Industry
38.	EIP	Eligible Investment Period
39.	EC	Empowered Committee
40.	IIDC	Infrastructure & Industrial Development Commissioner
41.	ARAI	Automotive Research Association of India
42.	ICAI	Institute of Chartered Accountants of India
43.	GoUP	Government of Uttar Pradesh
44.	UPSIDA	Uttar Pradesh State Industrial Development Corporation
45.	GSVM	Gross Supply Value Multiple
46.	AGS	Actual Gross Supply
47.	PIU	Policy Implementation Unit
48.	JCI	Joint Commissioner Industries
49.	HLEEVC	High Level Empowered EV Committee
50.	IIDC	Infrastructure & Industrial Development Commissioner
51.	CoE	Centres of Excellence

## *Preamble*

Globally, the automotive industry is at the cusp of a great revolution in electric mobility. The shift to clean transport has become necessary due to rapid depletion of fossil fuel and increase in fuel cost, vehicle population and environmental pollution. As India commits to Net Zero emissions by 2070, the State of Uttar Pradesh aspires to de-pollute its transportation system which has been one of India's largest. Being one of India's fast-growing economies, which contributes nearly 8% of national GDP, Uttar Pradesh has emerged one of India's most preferred investment destination. With its investor friendly policies, reforms and proactive governance, it has set a target to become USD 1 trillion-dollar economy.

Home to India's largest population base of approx. 240 million people, the State offers a vast consumer and labor market to investors. In last few years, the State has attracted investments from around the globe. The State Government in its mission to attract more and more investments has been endeavoring to promote new sectors. Leverage its industrial potential, the State Government is also emphasizing eco-friendly sustainable development.

The Electric Vehicle Industry is rapidly expanding its footprint around the globe. Given the ongoing shift in automobile industry from Internal Combustion Engines (ICE) Vehicles to Electric Vehicles (EVs), Governments and Manufacturers are starting to invest in developing automobiles running on alternate propulsion systems including electric mobility based on rechargeable batteries. This not only includes manufacturing of electric vehicles, but also battery manufacturing, charger/ equipment manufacturing and development charging infrastructure to promote electric mobility.

In order to capture the opportunities in this sunrise sector, attract investments and contribute to sustainable development, the State Government of Uttar Pradesh is bringing the New Electric Vehicle Manufacturing and Mobility Policy 2022. The policy provides an overarching framework to provide a favourable ecosystem for promoting the EV Industry in the State, which may be supported by several initiatives taken various State Departments/ Agencies. It promotes faster adoption of EVs, reducing the cost of manufacturing rechargeable battery for EVs, attracts private investments for creation of charging infrastructure in the State and manufacturing of EVs and related component for large scale job creation. The policy has been prepared after extensive stakeholder consultations with several Government stakeholders, industry associations, key industry captains, institutions, etc.