



# E-vehicle market set to be on full charge by 2025: ICRA

Electric vehicle penetration continues to improve at a healthy pace, spurred by government support in the form of subsidies, enhanced awareness, and increasing product launches, according to ICRA's research, published on Tuesday. It expects electric bus, two-wheeler and three-wheeler penetration to grow significantly by FY25.

The report highlights that the electric two-wheeler (e2W) segment has emerged as a frontrunner, accounting for 85-90 per cent of total EV sales in FY23. Penetration of e2Ws in the overall two-wheeler sales increased nearly 5 per cent. The segment is projected to increase its penetration by 10-12 per cent in FY25, indicative of its ongoing popularity.

Electric three-wheelers have gained traction, achieving a 7 per cent penetration rate in FY23 (excluding the rickshaw segment); penetration is likely to be 14-16 per cent in FY25. Meanwhile, e-buses, buoyed by government measures, have surged with over 1,800 units sold in FY23. Penetration is predicted to rise to 11-13 per cent in FY25.

Electric cars are also gaining traction. ICRA predicts e-car penetration to be 4-6 per cent in FY25. **Compiled by Anjali Singh**

## REWING UP

### Penetration across segments

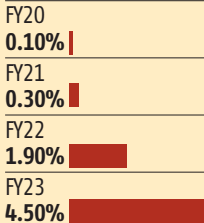
Segments	FY23	FY25P*	FY30P*
e2W	5%	10-12%	30%
e3W	7%	14-16%	40%
e-buses	7%	11-13%	40%
e-cars	1%	4-6%	15%
e-LCV	Negligible	4-6%	25%

(Excludes rickshaw segment)

Source: ICRA Research; \*projected

### Penetration of e2W

#### Year e2W penetration



Source: VAHAN, DHI, ICRA Research

### Penetration of e-buses

#### Year e-bus penetration

