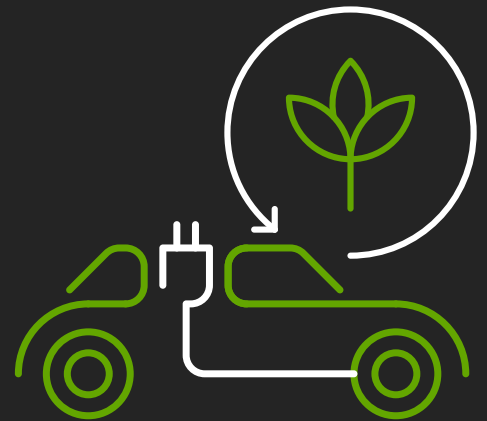


EVS, MYTHS AND CHARGING COST REALITY

A Smarter Stop Can
Cut Charging Costs



8.6p vs 80p

The average cost of electricity can vary from around 8.6p/kWh for off-peak home charging to around 80p/kWh for some public ultra-rapid charging.

Charging cost is often discussed as a single number. In reality, costs vary significantly depending on where, when and how a vehicle is charged.



CHARGING SPEED INFLUENCES COST

Price generally reflects convenience and charging speed. Home charging remains the lowest-cost option for many EV drivers, particularly when using off-peak tariffs.



CONVENIENCE COMES AT A PREMIUM

Rapid and ultra-rapid charging are designed to minimise journey disruption and support longer-distance travel. The trade-off is a higher charging cost compared with home, workplace or destination charging.



SMALL CHOICES CAN MAKE A BIG DIFFERENCE

Charging prices can vary significantly between nearby locations and charging networks. Drivers who compare charging options or plan stops around routine journeys can often reduce charging costs without significantly changing their journey.

Charging Cost Index

8.6P → 24.6P → 54P → 80P

Off-Peak Home Domestic Average Public Fast Public Ultra-Rapid

This immediately illustrates the relationship between convenience, charging speed and cost.

Source: <https://www.zapmap.com/ev-stats/charging-price-index>