

Estonia electric vehicle costs

This interactive map shows the market uptake of electrically-chargeable vehicles (ECVs) and the availability of incentives to promote electric car sales for each of the 27 member states of the European Union.

Despite the severalfold increase in the price of electricity, electric vehicles (EVs) are currently still cheaper for Estonian consumers to drive than regular internal combustion engine vehicles (ICEVs), according to calculations by electricity consumption optimization service provider Gridio.

Motoring expert Arno Sillat said the average electric car last year cost around EUR70,000. This year, the most-bought electric car is the iconic Tesla, whose entry-level prices start at EUR40,000 for a new vehicle.

Depending on the car model and battery capacity, charging an electric car in Estonia at a public charging station can cost several times more than in other European countries. Data from the European Commission shows the price for charging a Nissan Leaf at public charging points to drive 100 kilometers varies across Europe.

Data from the European Commission shows the price for charging a Nissan Leaf at public charging points to drive 100 kilometers varies across Europe. In Estonia, the price is approximately EUR11, EUR10 in Germany, EUR8 in France, and around EUR5 in Finland. Norway and Slovenia's prices are higher than Estonia's.

The first is the overall electricity price in Estonia, which is higher compared to Scandinavia. When considering market size and investment costs -- such as connecting to the power grid, installation, and maintenance -- the price at a public charging station can be more expensive than the market rate.

"We still have fewer electric cars compared to larger markets. With fewer consumers, the return on investment simply takes a bit longer. It's also worth considering the type of charging service offered: who provides 24/7 customer support? It's these aspects together that create a comprehensive service," he explained.

In a written comment a Ministry of Climate spokesperson told ERR both the state and EU offer support for companies establishing charging infrastructure which helps operators to keep prices as low as possible.

"In our calculations, we've assumed that a vehicle consumes 20 kWh per 100 km. Given that the fast charger rate is currently EUR0.32 per kWh, including VAT, the cost comes to about six euros per 100 km," he said.

The price is also influenced by the cost of electricity, and the state is encouraging the development of renewable energy, the ministry said. By 2030, the goal is to produce 100 percent of the total annual consumption from renewable sources in Estonia.



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