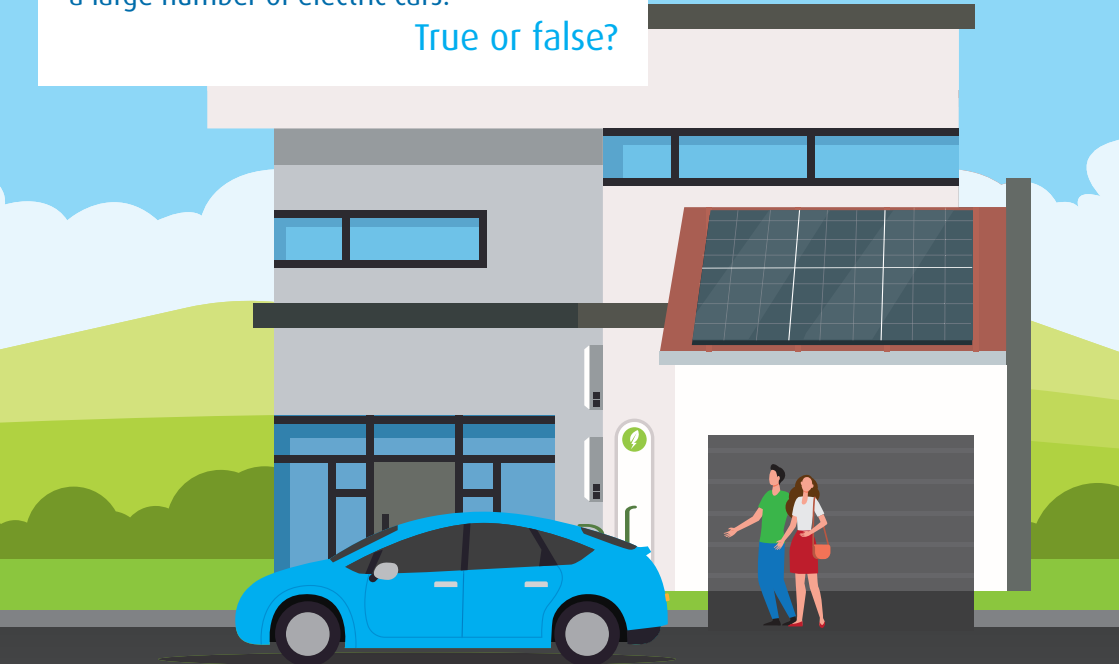


Myth #2:

There won't be enough electricity to charge a large number of electric cars.

True or false?

umicore 



Smart grids and gradually rising generation will ensure the electricity supply for e-car growth.

- Studies show that a million additional EVs in Germany would consume just 0.5% of total electricity demand.
- A UK analysis concluded that if one in three cars sold in 2035 is fully electric, then they would make up only 3% of electricity demand.
- Norway, global leader in e-car market share, shows there is no need to be concerned about the electricity supply.
- Owners will charge their cars when electricity is cheaper, for example overnight.

Source: <https://www.volkswagen-newsroom.com/en/stories/12-myths-of-e-mobility-5031>
<https://www.theguardian.com/business/2017/jul/26/national-grid-fossil-fuel-vehicle-ban-electric-cars-is-there-enough-electricity>
<https://www.iea.org/reports/global-ev-outlook-2019>

