



EcoNugget

EV Facts You Should Know!

1. **85%** of households travel **less than 160 km** and most Canadians drive **less than 50 km** on a typical day. Since the average range of new EVs sold is **468 km**, it is very rare that you would ever run out of charge while driving.
2. Installing a **Level 2 charger** will allow you to easily charge your EV battery from empty to full overnight at home.
3. EV batteries will lose **5%** of range for every **5 degrees below 5°C**. Make sure you charge at night to get ready for those colder days.
4. EVs don't need oil changes, transmission maintenance, or upkeep of exhaust systems.
5. Electric motors only have **one moving part** – the rotor – compared to many moving components in gas engines. With fewer parts to wear out or fail, EVs experience significantly lower maintenance costs and are more reliable over the long term.
6. EVs **do not** have a higher incidence of fires compared to gasoline cars. In fact, fires occur **one in every 4,000 EVs** compared to **one in every 65 gas cars**, according to a study by AutoInsuranceEZ (Clean Energy Canada).