



## EcoNugget

### Benefits of Electric Vehicles

Here are just a few of the many benefits of a battery electric vehicle (**BEV**) compared to a gas/internal combustion engine vehicle (**ICE**):

- **BEV fuel cost** (electricity) per kilometre is about **25%** of the cost of gas for ICE vehicles.
- Electric motors have one moving part and do not require oil changes, coolant flushes, mufflers or exhaust systems. This results in **maintenance costs** that are about **50%** of ICE vehicle costs.
- Many BEVs have rated **driving ranges >380 km** so 95% of charging can be done at home.
- **Instant response** allows you to accelerate quickly when you need to.
- The batteries in BEVs have **longer warranties**.
- Degraded BEV batteries can be **re-purposed** for **electricity storage**.
- Driving a BEV does not produce any **carbon dioxide**. Hurray for cleaner air!

**For more information contact:**

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