



Diesel vehicle¹:

- 3 star: \$3,250/year – 4,150 kCO₂e
- 5 ½ star: \$1,890/year – 1,620 kCO₂e

Petrol vehicle² :

- 3 star: \$3,140/year – 3,850 kCO₂e
- 5 ½ star: \$1,150/year – 1,410 kCO₂e

Plugin Hybrid vehicle²⁻³:

\$960/year – 780 kCO₂e

Electric vehicle³:

- \$605/year – 245 kCO₂e

Vehicles – Save \$2,645 & 3,905 kCO₂e per year

1 L of diesel emits 2.69 kCO₂e (MfE, 2018).

1 L of petrol emits 2.45 kCO₂e (MfE, 2018).

1 kWh emits 105.1 gCO₂e (MfE, 2018).

<https://energywise.dotnous.com/stars/>

¹ : 14,000 k per year + RUC. Fuel cost calculated using \$1.45 per L

² : 14,000 km per year. Fuel cost calculated using \$2.00 per L

³ : Annual charging costs are calculated using 26c per kWh

Fuel efficient driving techniques

How to save money and reduce your emissions¹:

- Avoid travelling:
 - Plan your journeys ahead to reduce your car usage
 - Active transport: e.g. walking, biking
 - Public transport: <https://www.metlink.org.nz/>
 - Carpooling: <https://www.smarttravel.org.nz/Public/Home.aspx>
- Before driving:
 - Service your vehicle regularly
 - Use fuel efficient tyres and inflate them correctly at least once a month
 - Choose a vehicle that is right for your needs
 - Empty unnecessary load (boot and roof)
- While driving:
 - Drive smoothly, avoiding fast acceleration and sharp braking
 - Avoid over-revving by changing gears
 - Reduce your speed
 - Don't leave your vehicle idling for more than 30 seconds
 - Use your air-con wisely



¹: <https://www.nzta.govt.nz/vehicles/choosing-the-right-vehicle/fuel-efficient-driving/>