

Contact maintenance for any questions on 0800 80 80 69

REAL Torque

August 2024

In 2021, we added three electric rental trucks into our fleet. In the space of just three years, our zero-emission fleet has grown to over 50!



Our zero-emission fleet consists of a mix of different vehicles, ranging from light vehicles to medium to heavy trucks. Our fleet is involved in all aspects of the transport industry, from traffic management to local last-mile delivery, civil construction, gas bottle delivery — the list goes on.



10
Cars & SUV's



42
Trucks



1
FCEV – Hydrogen
Fuel Cell

Over the last three years, these have all contributed towards a significant reduction in CO2 released into the atmosphere and offset a good deal of fossil fuel consumption.

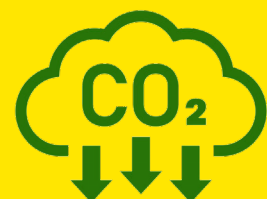
Our zero-emission fleet has



Travelled 1.4 million kilometres.
That's the equivalent of driving
around the world 35 times!

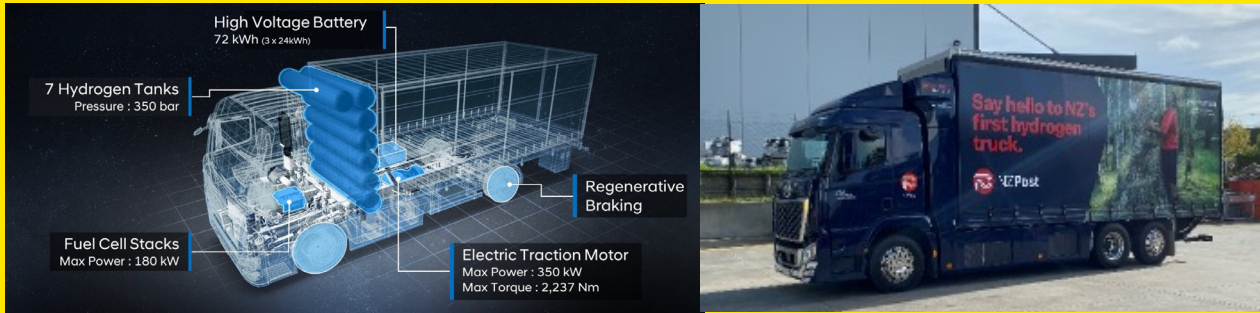


Saved over 215,000L of fossil fuel.



Stopped over 580 tonnes of CO2
being released into the atmosphere.

Some of the highlights and learning of the last three years are worth celebrating.



Our Hydrogen Fuel Cell Electric Vehicle, also known as an FCEV, ticked over 100,000 km last month. An FCEV converts the chemical energy of hydrogen gas stored in the onboard tanks and oxygen from the air into electricity by passing through a fuel cell, which is then used to power the electric motor propelling the truck.



Supporting your fleet safety, efficiency and compliance

We have learned that vehicle training is critical to getting the most out of zero-emission vehicles. Driver training for zero-emission vehicles is important to get the most range out of your ride. Learning how to drive smoothly, use regenerative braking, and keep your speed steady can make a big difference. Plus, knowing how to manage energy and plan your routes helps avoid wasting battery so that you can go further on a single charge.

At TR Driver Training, we can train you to drive **EASY**.

E: Is for ease and squeeze. Gently push the accelerator for best use of your electrical energy. Heavy accelerator use is the main cause of excessive battery use.

A: Is for Anticipate. Look ahead so you can make the best use of your truck's momentum. Anticipate what other traffic is going to do so you can avoid unnecessary stopping.

S: Is for see and be seen. Make sure you have a clean windscreen and mirrors so you have the best possible vision. Use your headlights or daytime running lights so other road users can see you.

Y: Is for you. Make sure you are in tip top condition to be driving, well rested and alert.

We have courses in person and online at www.drivertraining.co.nz or call 0800 637 000.



Electricity is just electricity, isn't it? Yes, that is correct, but when it comes to charging an EV, be it a truck or a car, there are so many variables to be aware of.

AC or DC Charging? Fast, Slow or Rapid? Type 2 or CCS Plug?

Setting up the right charger is critical to the success of an EV and ensures utilisation is as high as possible.

We have learnt and experienced so much about this that we are able to advise and make sure our customers are set up correctly from the start.

Tips and Tricks

- ▶ Tyres: As with any vehicle, good tyre maintenance is crucial, and even more so on an EV. Keep an eye on tyre pressure, as low tyre pressure will impact range.
- ▶ Weight and load: carrying around unnecessary weight will impact the range.
- ▶ When you can charge, charge, charge. Snack charging or just plugging in for 10-15mins can help keep the battery topped up, ensuring you'll never have to worry about range.
- ▶ The heater and AC use energy from the battery, so using them in a high setting will reduce range quicker than expected.
- ▶ Stick to the speed limit; speed greatly increases drag, reducing range.
- ▶ Take advantage of our driver training course for an EV. We have courses online and in person.



TR Tips

REAL August 2024 Torque

Contact maintenance for any questions
on 0800 80 80 69



Making heavy vehicle fleet
management easy for you