

# Electric Vehicle Pilot

## A cleaner, greener mobility opportunity



### We are preparing for the transition to electric vehicles (EV) in regional WA

As the world moves towards cleaner electrified and hydrogen transport solutions, Horizon Power is working to better understand how to prepare for the eventual transition. While the timing is uncertain, predictions are that adoption of electric vehicles in Western Australia will be strong and swift.

### The Electric Vehicle Pilot

From February 2020, Horizon Power is running a 12-month Electric Vehicle Pilot to gain insights into user charging behaviour and the impact electric vehicles will have on Horizon Power microgrid networks.

Horizon Power team members in Broome and Esperance have been selected to drive two Hyundai Kona electric vehicles. They will be supported by two local charging stations at work and home - a 22Kw AC electric fast charging station at the depot and slower 7Kw AC chargers in their homes.

Combined the vehicle and charging stations will provide valuable insights into electric vehicle use, user requirements and charging behaviours.

Members of the public will also have access to charge their own vehicles at the depot charging stations at no cost during the 12 month Pilot.

### The Hyundai Kona

The Hyundai Kona 100% electric vehicle was selected for the Pilot due to its large driving range – up to 449 kilometres on a full charge- which makes it suitable for driving the distances commonly experienced in our regional areas.

The Kona has a 64kWh battery pack and 150kW electric drive motor.

Depending on the type of charging infrastructure used, the Hyundai Kona can be charged to 80% capacity in just under an hour (54 minutes) using a 100kW DC fast charger, or to 100% capacity in 9.5 hours using an AC wall-box charger typically installed in homes.



### EV charging station map

Locate available EV charging stations across Australia with the PlugShare app.

Visit [plugshare.com](https://www.plugshare.com) to learn more.

SEARCH **THE2020QUESTION** FOR ANSWERS



## What is your 2020 Question?

To support the Pilot, we're asking regional WA what they'd like to know about electric vehicles and the future of EVs in their communities.

You can ask a question, read the latest information on EVs, learn about our electric vehicles and charging infrastructure and opt in to receive email updates about how the Pilot is going.

Visit [the2020question.com.au](https://the2020question.com.au) to learn more.

## About us

Horizon Power is owned by the people of Western Australia and provides electricity to regional and remote homes, businesses and communities.

We are passionate about what we do, and strive to ensure our customers, in towns and communities throughout the 2.3 million square kilometres we service, receive safe and reliable power. This makes us responsible for the largest geographical catchment of any Australian power provider.

We operate 38 power systems, including 32 microgrids tailored to meet the unique needs of some of the most isolated and remote communities in the world.

Horizon Power is making significant investments in developing its renewable energy capability and expertise. We are focused on delivering cleaner, greener customer-focused energy solutions which drive regional growth and vibrant communities and significantly reduce our carbon footprint.

## Contact us

Please contact your local Horizon Power office.  
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