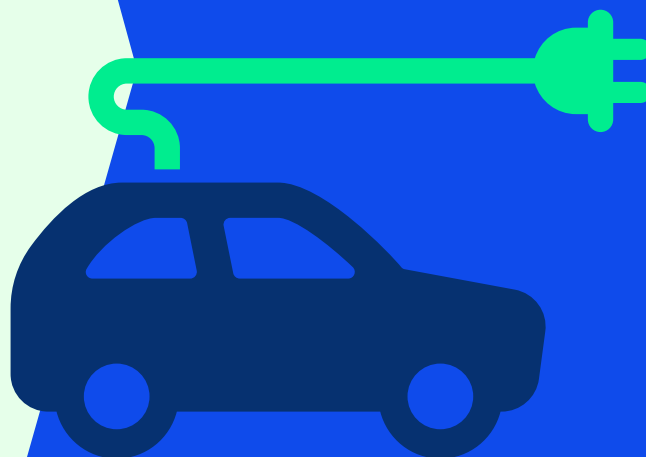


V2G: What do Aussie drivers think?

V2G (Vehicle-to-Grid) bidirectional charging has many potential benefits from advancing Australia's energy transition to reducing consumers' energy costs.

In December 2024, the UTS Institute for Sustainable Futures and the NRMA surveyed over 400 NRMA members and over 750 EV owners (also NRMA members).

We wanted to find out:



1 If the members had heard of V2G and its benefits.

2 If the members would be interested in using V2G at home, and why.

3 How members approached parking and charging their EVs.

The results of the survey help to understand the interest for V2G in Australia today and how NRMA can help support its members in adopting V2G.

What do surveyed members think of V2G?

Familiarity



37% of members

and



89% of EV owners have heard of V2G

Perceptions



47% of members

and



73% of EV owners like the idea of V2G, especially being able to upload power to the grid from their car

Demand



7% of members

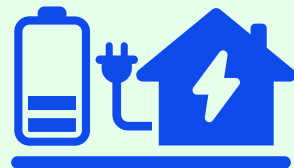
and



54% of EV owners are keen to use V2G now



Most people want V2G for the **“financial benefits”** – saving money on their bills and even making money by selling energy back to the grid.



But they are also wary of the **set-up costs** for V2G and the impact V2G could have on their car’s battery.



People were also interested in the **Environmental benefits** of V2G.

Australian households are a good fit for V2G

– what do members want and need to get it going?



85%

of surveyed members cars were parked at home at least 3 days a week during solar soak and evening peak periods



86%

actively try to minimise their energy bills



95%

EV owners as likely to buy an EV again¹



Equal interest in

manual control vs.
fully automated

experience from potential V2G users



Members

value services

that provide information and advice for setting up and using V2G

¹ of those who intend to buy a car in the next 5 years.