

**Submission  
No 15**

**INFRASTRUCTURE FOR ELECTRIC AND ALTERNATIVE ENERGY SOURCE  
VEHICLES IN NSW**

**Name:** Dr Ross Girdler

**Date Received:** 27 April 2025

As an electrical vehicle (EV) driver who lives in a regional area, my experience of the EV charging infrastructure has been very disappointing. The NRMA rechargers have been completely unreliable, which has prevented me from using my car unless within my region. If EV use is to be increased, the anxiety that arises from finding yourself at a malfunctioning charger, with insufficient charge left to make it to the next (unreliable) charger must be removed. I understand that the NRMA is updating (slowly) its technology, but the new chargers do not support the ChaDeMo system (used on a small but significant number of EVs). The ChaDeMo system is one of the the only systems currently capable of returning energy to the grid (V2G). The government's move to allow V2G to occur is futile unless there are ChaDeMo chargers available. The regions need reliable chargers in every town along major routes, including ChaDeMo chargers.