

**Submission  
No 89**

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

**Name:** Name suppressed

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Partially  
Confidential

My name's Michelle I am a female I live in Sydney. I have reviewed the terms of reference for the inquiry into Infrastructure for electric and alternative energy source vehicles in NSW. In relation to the terms of reference, I primarily want to address (a) (c) and (d), potentially (e).

In terms of (a):

- I live in public housing, and I want to make sure that any electric vehicle infrastructure generated is publicly available, to an extent publicly funded and available to people in low socio-economic status areas. Particularly in social housing areas, historically these areas have not been kept up with the times in terms of Australian standards and relevant policies for people from disadvantaged areas.
- Electric vehicles have the ability to help people in those disadvantaged situations as they can save by not paying for things like petroleum and other things associated with a traditional vehicle. Any chargers installed on public land should be available for free or at minimal cost to lower socio-economic status people and to people who live in social housing.
- I bring this up I have a medical condition that make me allergic to petroleum fumes. Therefore, I'm unable to use public transport or taxis and I don't own a car which means I am isolated. I've always wanted to own an electric vehicle because I would be safe using this form of transport without risk of an allergic reaction.
- It is very important for people who live in social housing to have access to chargers at home and that there are enough chargers in relation to the number of car spaces and street parking available to support this.
- It is important to make sure any new social housing built has the infrastructure to support access to electric vehicles charging to ensure that people able to charge their electric vehicles at a time convenient to them.
- For me as a person with a disability it would place me under hardship and stress to have to travel to a location to charge my vehicle for a period of time. It would cause lost sleep and cause harm to me physically, and potentially cause me to miss social and economic opportunities.
- You should have the same services and rights no matter what your income is, and part of that is access to electric vehicles. There should be access for people in social housing to support at least one vehicle per household though often households have more than one vehicle.
- Chargers need to be at a reasonable distance to social housing, so people don't have to drive a long way or off a highway or main road to access charging. Electric and alternative energy sources should continue to be available in a similar format as petroleum fuel is currently.

(c)

- While there is existing infrastructure, it needs to be improved to ensure a competitive market which includes bringing on board electricity companies and finding creative solutions for alternative energy production such as solar and wind, hydro-electric etc.

- To be able to generate the power at minimal cost to the consumer and ensuring that there is a direct correlation between the infrastructure and availability of chargers and also renewable energy.
- Where possible renewable energy should be used to generate the electricity for electric vehicle chargers.
- I think in terms of the ring-fencing comment, it's about making sure there is a publicly available low-cost option. Having a government regulated option and/or a competitive option run by the government will keep prices down and ensuring that they also cover regions that are less used. Maybe there are regional areas that have a lower population, things aren't used as often and there needs to be equal coverage wherever it is used, and we shouldn't leave it solely up to the private market to facilitate the transition and change.

(d)

- Measures that the government could put in place for the workers from affected industries is the implementation of grants and implementation of free or low-cost education to transition those people to learn or expand their skills, for example a mechanic who works on petroleum vehicles could expand their training to becoming an auto-electrician.
- Another measure is subsidised wages for a period of time or transitional period.
- In addition, standards of building codes will need to be adjusted to ensure that buildings are capable and have adequate power sources for a transition to a greener future.

(e)

- I want the government to give grants to social housing providers to support electric vehicle chargers, as well as solar panels and other similar renewable energy to support the installation of future electric vehicle infrastructure.
- In addition, the government should set targets, for example 50% of all social housing has access to charging within five years, and the other 50% within ten years.