
**MM7/20 ELECTRIC & HYDROGEN VEHICLE CHARGERS ACROSS
THE CITY OF RYDE - Mayor, Councillor Jerome Laxale****File Number: MYR/07/10/20 - BP20/957**

Hydrogen and renewable-electric power are rapidly becoming an important part of Australia's vehicle future.

As automobile manufacturers transition production towards variants of non-fossil fuel based powered vehicles, it is important that the residents of the City of Ryde have genuine access to the infrastructure of the future.

During recent City of Ryde surveys, the community has identified access to charging infrastructure as one of the biggest impediments to EV uptake.

In line with the City of Ryde's commitment to 100% renewable energy, consistent support of solar power and introduction of electric vehicles into the City of Ryde fleet, the move to introduce carbon reducing energy infrastructure is a practical and compatible next step.

Electric and Hydrogen cars are less carbon intensive and will continue to grow as a dominant market in the future. Both major car manufacturers based in the City of Ryde, Hyundai and Kia, are committed to EV and Hydrogen cars, with the former having released Australia's first certified hydrogen car. According to economic reports¹², Australia is well- positioned to become a global producer in cheap renewable energy and hydrogen.

I believe Council can take a leading role where possible to ensure residents have access to sustainable transport infrastructure and to enable further city-wide emissions reductions.

¹ https://www.energy-transition-hub.org/files/resource/attachment/australia_power_advantage_0.pdf

² <https://www.pwc.com.au/infrastructure/embracing-clean-hydrogen-for-australia-270320.pdf>

RECOMMENDATION:

That Council Staff:-

- (a) prepare a report outlining funding options and possible locations for public electric and hydrogen vehicle chargers across the City of Ryde.
- (b) consider in the report charging sites that include town centres, publicly accessible Council owned land and Council owned carparks at sportsgrounds and parks across the city.
- (c) present options that include an approach and review of current third-party charging providers where charging options could be provided to council at low, or no cost to ratepayers.
- (d) that a report be brought back to Council by March 2021, with a view to include funding, if required, as part of the 2021/2022 One Year Operational Plan and Four Year Delivery Plan.

ATTACHMENTS

There are no attachments for this report.

Report Prepared By:



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Mayor