



**Submission to Victorian Electricity Networks:
Household Network Pricing – Amended position
25 October 2019**

The Electric Vehicle Council (EVC) is the national peak body representing the electric vehicle industry in Australia. We represent members involved in providing, powering and supporting electric vehicles. We are a cross sectoral organisation whose engagement with a wide range of stakeholders supports the advancement of a collaborative and strong electric vehicle industry.

We welcome the opportunity to make a submission to Victorian Electricity Networks on your amended position for Household Network Pricing.

Encouraging electric vehicle (EV) owners to charge their EVs during off-peak period, as opposed to during peak times, is a sensible approach to manage an emerging new source of demand for electricity. There is sufficient international evidence to demonstrate that ToU pricing is successful in encouraging EV owners to charge during off-peak periods.¹

We therefore support the proposed approach of the Victorian Electricity Networks to encourage the adoption of a ToU pricing structure by those EV owners in standalone or semi-detached dwellings.

We recommend that a distinction is made between residential customers in standalone or semi-detached dwellings, and residential customers living in multi-residential strata developments.

In a multi-residential development, supply of electrical energy to the electric vehicle associated with the residence is unlikely to come via the metered supply to the residence. For practical wiring reasons, it is more likely to be supplied via the common power to the complex as a whole.

Given this, reducing demand presented by EVs during peak periods may require other techniques. This is because placing the EV-owning apartment dweller on a ToU tariff may not modify their charging behaviour from the default 'convenience' method, if the supply of electricity to their vehicle does not show up on their bill.

Please find attached a paper prepared by the EVC and AI Group on this issue, specifically sections R3 and R4.

Thank you for the opportunity to comment on this proposal. Please contact Larissa Cassidy at Larissa@evc.org.au if you would like to discuss this submission.

¹ Chris Nelder, James Newcomb, and Garrett Fitzgerald, *Electric Vehicles as Distributed Energy Resources* (Rocky Mountain Institute, 2016), http://www.rmi.org/pdf_evs_as_DERs pp.51-52.