

AUSTRALIAN ELECTRIC VEHICLE ASSOCIATION, SYDNEY BRANCH MEETING  
12 June 2019, 7:39pm  
Baulkham Hills Sports Club

1. Welcome by David Hiley (Vice-chairman).
2. Attendance Book circulated.
3. Apologies from Greg Partridge.
4. Minutes from previous branch meeting on 10 April 2019, were posted on the AEVA Sydney branch website, and the AEVA Sydney facebook page. No amendments suggested. Minutes accepted.
5. Vice-Chairman's report: Following on from work we have been doing with the Climate Media Centre, David did an interview with Eastside FM Community Radio talking about EVs, how they are charged and used etc. This was during the lead-up to the Federal Election.

The Tesla Model 3 configurator web site has launched for the Australian Model 3 Teslas. "Standard Range Plus" is priced starting at ~ \$70,300 "Performance" starts at \$93,000, on road. The "Tesla Model 3 Australia" Facebook forum shows about 1000 members, so a lot of interest.

Sally Perini attended the Tamworth Eco Festival, with her Model X.

David borrowed Sallies Model X and drove to Flinders Chase National Park, Kangaroo Island, and back, 4000km with his family and in-laws. Charging was so quick that they couldn't keep up with the car charging when they stopped for breaks. David expects to see lots of other car types make this kind of trip in the near future.

David recommends the NRMA video "Charge Together Fleets - NRMA and Tritium - Fast Charging" <https://www.youtube.com/watch?v=ViqrUafEMqE> taking about the NRMA Fast charge network, which David has used extensively. There are currently about 15 chargers installed with a total of 40 planned by the end of the year. Tesla is also installing lots of new Superchargers.

6. Treasurers report: We have \$3,673.26 in the bank. But expect to be spending a lot of money on the EV Expo.
7. Secretaries Report: Nothing to report.
8. Event Reports:

Vivid Ideas presented by Michael and Evan on 11 June, presenting the future of Electric cars and where they are going.

Tri-Council's network launched their network at Bondi on 5 June, in bad weather, but with lots of enthusiasm, and press coverage. This uses the Charge-fox network, and will cost money to charge. Also attended by host of Australia's Bachelor/Bachelorette TV Series Osher Gunsberg, who has owned 4 Nissan Leafs, including the New model.

26-27 October will be our EV Expo and AGM, at Olympic park. We are expecting to have: As many OEMs as we can get, club cars, EV vendors, the boat guy, possibly trucks, and bikes, try-drives, dinner on the Saturday Night, and the AGM on the Sunday Morning. We have lots of space and need club cars to help fill it. We want the public to make the connection that secondhand EVs ~\$20,000 are an option now. Help from members is sought, displaying cars, directing people in the try-drive etc.

9. An at-length discussion ensued concerning how best to educate the Peta Credlin, and Miranda Divines to show them how wrong their mouthing-off is. Basically give them keys of an EV for the weekend.

10. Discussion of the process of importing EVs from around the world, as well as using an importer to go through the process for you. Also discussed the options for replacing the battery of an existing EOM EV; repairing a wrecked EV; and how to best charge an EV using Off-peak power and/or Solar.

11 Raffle - screw-driver set and a hat.

12. Members Current Projects: Michael discussed his projects. His wife made him sell the MR2 before he could buy his Lotus, which he is now bringing back to life. It had been converted previously but the Thundersky battery was killed by the previous owner, by leaving it when "on" when on holiday. Michael is putting a large Leaf pack into it, and stripping out all the ugly stuff. He and MarkT collected it from Melbourne on ANZAC day. It has a Kostov DC setup which he plans to upgrade to AC later after it's registered.

John reported on raising his i3 from the dead, working through paper work with RMS which has declared it a wreck. Hopefully then he will be able to fix his i3. He is now driving an Ionic PHEV, which is less annoying than the i3. John described the i3 as "a rolling mass of moral contradictions" in an article he wrote for Bryce's magazine. John is hoping to get a specialist Lawyer to help him appeal RMS's decision to make the i3 a wreck, so he can then fix it.

Danny described his efforts to find the real cost in electricity of ICE cars, including oil refineries, transporting the oil, power for service stations, and ventilation fans in tunnels. He has been able to find how much power an average service station uses ~12KWh per day, and there are approximately 760 services stations in Sydney, giving 9.12MWh per day - 753 Teslas for a day. Tunnels exhaust fans use 202MWh in 3 of Sydney's tunnels. He needs to work out how many tunnels there are in Sydney.

Danny has been working on his go-kart and testing it at the Marulan driver training track near Goulburn. He hopes to take the lap record soon.

Richard is building a two wheel drive electric off road mountain bike.

David informed us of the VW IDR run at the German Nurburing which demolished the EV lap record.

Antony has sourced some cheap Lead acid batteries (7KW) if anyone is interested.

Our charging stations have still not been installed at the BH Sports club, but we expect them soon.

13. EVs in Carpark.

Meeting closed 9:40pm

Next Meetings 14 August, 9 October, 11 December 2019.