

Minutes

Meeting of the AEVA Tas Branch
Hobart Showgrounds, 23/09/2020 19:04

Attendance

AEVA Members

Charles Gregory, Clive Attwater, Christopher Walkden, Shayn Harkness, Julie Hargreaves, Ray Johnston, John Clark, Tim O'Loughlin, John Casimaty, Penny Cocker, Ron Andersen, Michael Wadsley, Penny Wadsley, Midj Jones, Rose Grant, Rosalind Pitt, Bruce Hocking, Margaret Kinslea, Charles Weston, Frank Liebfried, Horst Lerchbacher, John Fast, Rhys Filbee, Steven Chater, Andrew McMahon, Chris Dalitz, Allan Witt, Andrew Cash

Guests (please excuse errors, some are difficult to identify due to Zoom alias or handwriting!)

Keyran (Cas) Pitt, Scott, Trevor Wise, Michael Bonny, John Harders, Sushila Derai, Doro Forck, John Lennox, Mike O'Halloran, Chando Steiner, John Bluhdorn

Apologies

Warren Boyles

Confirmation of minutes from previous meeting

Moved by Ray Johnston, seconded by Clive Attwater that the minutes of the previous meeting be accepted as an accurate record; carried.

Correspondence in/out

No notable correspondence

General Business

Treasurer's Report, 23/09/2020

Payments made since the beginning of the financial year:

- | | |
|-----------------------------|----------|
| • The Grange, Campbell Town | \$697.50 |
| • RAST, meeting room | 75.00 |
| • Total paid | \$772.50 |

Income received:

- | | |
|-------------------------------|----------|
| • Speaking fee, City of Yarra | \$220.00 |
| • Bank interest | \$0.68 |
| • Total received | \$220.68 |

The current balance is **\$3631.28**

Contributions of \$550 for the Grange event and \$5 for sales of AEVA key rings have gone to the National account but can be reclaimed if we need them.

News

- Buckby Motors in Launceston has purchased a number of Renault Zoe EVs. These are available for \$36,990, discounted from the usual price of \$49,990. One was loaned to Ray, who drove it from Launceston to Hobart for the meeting. Starting out fully charged, the car made it to Hobart with about 20% (40 km) remaining. He was able to charge it fully from a three phase outlet at the meeting, and made it back to Launceston using about the same. This was fairly slow driving, at about 90-95 km/h on the return trip, and a bit slower on the way to Hobart. This car suits mostly local driving, but this journey proved that it can travel further when required. Note that with AC only charging, it cannot use the new DC fast chargers being installed around the state. It can charge from any type 2 AC outlet and many Tesla destination chargers. (*Filtering Tasmania for these outlets on Plugshare gives 52 potential charging points in the state today*).
If you are interested in these vehicles please contact Patrick Ditton at Buckby Motors: p.ditton@buckbymotors.com.au
See the end of the minutes for some information on suitable EVSEs (charge cables).
- The Tesla Battery Day finally happened. Advances in form factor, manufacturing and materials that should add up to a significant reduction in battery costs. A target for a \$25,000 (US) car by 2022. Announcement of the Model S Plaid high performance vehicle. Watch the entire 3 hour event [here](#), or search Youtube for summary videos.

Tasmanian Chargers

- For people using the 350 kW chargers (Kings Meadows and Campbell Town) with the CHAdeMO connectors (Nissan, Mitsubishi and older Tesla), the plug may not always connect properly with the car. The red light on the connector tells you if it has been successfully inserted. Usually it does work and but if it does not, wiggle or remove and reinsert until it does. At times this may take several attempts. As there are two chargers at each site, if you cannot get one to work, try the other one if it is free.
- The Great Lake Hotel has ordered an AC charger for their site.
- The Kempton DC charger is still free to use, following a change from the Chargefox to NEXTCHARGE networks.
- A user reported that charger at the Council Chambers at Rosny Hill wouldn't work. The problem was probably that the user didn't know that the Chargefox app is required to enable the charger.
- The charger at Gagebrook is currently not working. *This has since been fixed.*
- There is a new AC (type 2) charger socket at Ashgrove near Elizabeth Town. This is operational, but not yet on Plugshare because the proprietors have not finalised how it will be offered to the public.
- What can you do if you have a problem when charging?
 - Look for branding to tell you who provides or maintains the charger. A faults phone number (or sometimes a QR code) is often printed on or near the charger. If one is available, calling a hotline is the best place to get help quickly.
 - If there is no phone number on the charger, try searching (google) for the phone number.
 - It is typically the case that the people near the charger (e.g. cafe staff) will know nothing about how to use it.
 - *Some chargers, especially free-to-use AC sockets, will have no source of help available. In this case, social media can sometimes be helpful.*
 - [Plugshare.com](https://www.plugshare.com) is a great resource. If you are planning a trip, and not sure that your car can charge at a location, check the previous check-ins to see if someone else has used it recently.
- A question was asked whether anyone had experienced queuing at any of the chargers yet. Nobody reported having to queue, other than Christopher who would have used the DC charger in Launceston's Paterson St. car park, but since that was occupied

was able to use the AC charger instead. Clive noted that identifying queuing is a key performance indicator for Electric Highway Tasmania chargers. The security cameras will help to identify queuing.

- The EHT security cameras also have the potential to reduce 'ICEing' (people parking internal combustion engine cars in EV charging spots). In particular locations where the parking place has been designated 'charging only', EHT could alert the local council to the presence of an illegally parked vehicle.
- Charles provided an updated table (below). Clive made the following comments:
 - There will be a launch of the Geeveston charger on the 28th of September.
 - Burnie is planned to be operational on the 2nd of October.
 - Devonport should be operational in October.

Status	Operator	Site	Chargers	
			350 kW	50 kW
Active (Oct 2018)	City of Launceston	Launceston (Paterson St East Car Park)		1
Active (Jun 2019)	Bennett's Petroleum	Kempton (Mood Food)		1
Active (Dec 2019)	Energy ROI	Scottsdale (Scottsdale Art Gallery Café)		1
Active (Feb 2020)	Chargefox	Kings Meadows (Meadow Mews Plaza)	2	
Active (June 2020)	Bennett's Petroleum	New Norfolk (Mood Food)		1
Active (Aug 2020)	Electric Highway Tasmania	Derwent Bridge (Visitor Rest Area)		1
Active (Aug 2020)	Evie Networks	Campbell Town (Commonwealth Lane)	2	
Active (Aug 2020)	Electric Highway Tasmania	Queenstown (Miners Siding Reserve)		1
Active (Sept 2020)	City of Hobart	Hobart (Dunn Place Car Park)		1
In progress	Huon Valley Council	Geeveston (Visitor Information Centre)		1
In progress	Electric Highway Tasmania	Burnie (North Terrace)		1
~ Oct 2020	Electric Highway Tasmania	Swansea (Noyes St)		1
~ Oct 2020	Electric Highway Tasmania	St Helens (Bowen St)		1
2020	City of Devonport	Devonport (Best Street Car Park)		1
2020	Evie Networks	Brighton (Shell Coles Express)	2	
2021	Evie Networks	Westbury	2	
2021	Electric Highway Tasmania	Smithton		1

AEVA Website

A recent update means that the Tasmanian Branch page (aeva.asn.au/TAS/) now shows news specifically tagged as of interest to Tasmanians. Tas news is listed with National news on the sidebar. Scrolling down the page, articles are displayed in the same manner, and then all the Tas events. We need news to populate this area! If you have something that you think might make a good local news item or article, please contact the secretary in the first instance. If you think you might like to add content yourself (write an article, post some photos), you can be given access.

Tasmanian Business/Organisation members are now displayed on the Tas page. Four Tasmanian organisations are displayed along the bottom. Refresh the page to get another four at random. These members might like to use this space to advertise specials to the membership. This should be extended to the home page shortly, and there is potential to sell advertising space there.

Launceston Conversions Group

This is a Launceston-based group of AEVA members and non-members interested in converting vehicles to electric. Please contact the secretary if you'd like to be involved,

you'll be added to the email list.

There has been some progress on the Launceston College Mighty Boy, however access is difficult due to COVID restrictions. A charger has been purchased and tested. The battery is in good condition. Hopefully a working bee can be organised soon.

Hobart Conversions Group

This is a Hobart-based group of AEVA members and non-members interested in converting vehicles to electric. Please contact the secretary if you'd like to be involved, you'll be added to the email list.

Please contact the secretary if you'd like to be the convener (arrange meetings, working bees etc.), as we currently don't have one.

Educational Outreach

- Ray was asked by Kings Meadows High School if he would do a presentation with an electric vehicle. He answered in the affirmative and is waiting to hear back.
- The EV Owners' kit was discussed. This is a proposed kit to be developed to give to new electric car owners, potentially nation-wide. It would contain information such as how to find places to charge, where to go for information, useful accessories to purchase etc. This has been 'on the list' for some time, but lacks someone to develop it. If somebody wants to run with this please contact the secretary, there are some half-developed resources that could be used.

AEVA Restructure

AEVA is getting to be a large organisation nationally. Some of the things we'd like to do are not allowed by our current constitution. Indeed, legal advice has been given that our current structure is not suitable at all. A draft constitution is being written for a new structure. This was hoped to be ready to vote on at the AGM (3rd October), but this will not happen. When a draft becomes available it will be discussed at branch level. If you would like to be involved in the development of the new structure please contact Clive (treasurer@tas.aeva.asn.au).

Reports on Events

The branch held an anniversary celebration on the 15th of August at Campbell Town. Photos are [here](#).

Planning for Upcoming Events

- 1st October – **AEVA/Renew Webinar [Electric Vehicles, Home Batteries and the Grid](#)**. Rose has made some videos to advertise this event featuring Grant, Christopher & Larry. See them [here](#) or on the AEVA's Youtube channel.
- 3rd October – **AEVA AGM [Online via Zoom](#)**
The national AGM is hosted by a different branch each year, and this year it is Victoria's turn. For the first time it will be completely online, which is a great opportunity for us all to attend.
- 17th October – **Clarence Climate Action [Community Expo](#)**
Clive and Anton will be speaking at this event, and there will be a place for AEVA to have a table where we can talk to patrons. EVs can be displayed as well. Contact Clive if you'd like to help out: treasurer@tas.aeva.asn.au
- 25th October **[Westbury Car Show](#)**
A laid-back car show for all-comers. Follow the link if you'd like more information.
- 27th November – **AEVA Online Conference [2020 EV Vision](#)**
Also organised by the Victoria branch, the online nature of this conference allows unprecedented access to international speakers. The programme is to be released on the 25th of September, book using the link above.
- 5th - 8th May – **Agfest**
Rural Youth have just announced that Agfest is planned to be 'in the paddock' as well as online this year. Major changes include a four day event (previously three), only

online ticket sales, and each vendor will need their own COVID-19 plan including monitoring of site numbers. AEVA Tas purchased a site already for the previous cancelled event, and this was held over, so we'll be asking for volunteers to help during May.

- Another Elektrikhana?
Elektrikhana is our test-drive day. It seems logical to hold one in the north-west, but it needs someone to drive it. Please contact the secretary if you think you could spare the time to coordinate an event like this (in any location, not just the north-west).

Meeting closed 20:30.

Next meeting: 19:00 November 25th. Location to be advised, may be Devonport or Hobart. See our [website](#) for a full list of meeting dates.

Text written in italics was added by the Secretary while writing the minutes, and was not part of the meeting on the day.

General information:

For more information on any of the topics covered, or for contact information of the people mentioned, contact the secretary Christopher Walkden at: secretary@tas.aeva.asn.au

Want to join the AEVA or join our mailing list? Need info on EVs? See our [website](#).

Information from Bryce Gatton on EVSEs to suit the Renault Zoe. These will let you charge from an industrial three phase outlet at 22 kW:

Simplest:

EVSE.com.au and EVolution sell the following (beware, there are single phase and 3 phase versions!) 3 phase versions shown. (these are both the same one, just sold under a different brand name). Both same price: _

<https://evse.com.au/product/kwik-portable-type-2-22kw-charger-with-5-pin-australian-plug/>
<https://www.evolutionaustralia.com.au/product-page/giger-portable-electric-car-charger-3-phase>

Rolls Royce version:

EVSE.com.au and EVolution also sell the NRG Kick - this is the 'Rolls Royce' version: (EVolution rather more expensive for it though!)

<https://evse.com.au/product/portable-type-2-mennekes-22kw-charger-with-5-pin-australian-plug>
<https://www.evolutionaustralia.com.au/product-page/nrgkick-22kw-portable-ev-charger-evse>

However, the NRG Kick is from Austria, and they send to Australia. Is lots cheaper from there!
<https://www.nrgkick.com/en/>

BTW: ALL of these will need a set of Australian plug adaptors made up. Get an electrician to make them rather than get these from EVSE or EVolution - will be much cheaper that way!

John Casimaty also suggested watching this one, which is in fundraising mode but not production yet: chrget.com

Members' discounts:

- 20% off **Tesla Limousines & Tours** <https://teslatours.limo/> (Statewide)
- Discounted EV chargers from **Gelco**: <http://www.gelcoservices.com.au/>
- Fonzarelli Electric Scooters are offering a 5% discount and a free charger pack to AEVA members: <http://www.fonzarelli.co/>
- 10% off tours by Segway Tasmania. <http://www.segwaytasmania.com/>

EV News Deadlines (national newsletter)

- 1 December – articles, advertisements
- 15 December – branch reports, for sale / wanted

EV Related links that members have suggested (since last meeting):

Buy your AEVA keyring!: <https://aeva.asn.au/forms/aeva-tas-keychain/>

Campbell Town Charger: Examiner - <https://www.examiner.com.au/story/6882800/electric-vehicle-charger-connects-states-north-and-south/>

Campbell Town Charger: Mercury - <https://www.themercury.com.au/news/tasmania/ultrafast-electric-vehicle-charger-connects-midlands-highway-commuters/news-story/b44bbc3da9e0cd7b4d4997bfc87bbe3f>

Campbell Town Charger: Triple M - <https://www.triplem.com.au/story/first-ultra-fast-electric-vehicle-charging-station-in-tasmania-165377> (includes audio interview at the end)

Campbell Town Charger: The Driven - <https://thedriven.io/2020/08/18/evie-networks-links-hobart-and-launceston-with-first-tasmania-ultra-fast-charger/>

Tritium's 175 kW charging units <https://insideevs.com/news/439107/tritium-new-rt175s-dc-fast-charger/> - appears to be for the US market initially.

- Last year's Sydney EV Expo (featuring Clive!) was on ABC's "Fight for Planet A". <https://iview.abc.net.au/show/fight-for-planet-a-our-climate-challenge/series/1/video/DO1904H002S00>

<https://newatlas.com/marine/oceanbird-wallenius-wing-sail-cargo-ship/>

Kona Blog: <http://techno-fandom.org/~hobbit/cars/ev/>