

Minutes

Meeting of the AEVA Tas Branch
Held at the State Cinema, 375 Elizabeth St. North Hobart
22nd June 2016 7pm

Attendance

AEVA Members

15 members

Guests

1 guest

Apologies

Clive Attwater, Andrew Cash, Chris Heath, Warren Boyles, John Hanley

Confirmation of minutes from previous meeting (available on the [website](#))

Moved by Paul, seconded by Ray that the minutes be accepted as an accurate record.

Business arising from the minutes

Warren has been to visit the Wonders of Wynyard museum to assess the **Waverley Electric**. He has been in contact with the owner Tim Clemons, who is keen to see the car restored to working order. It is currently in very good condition (described as “beautiful”), and should probably not need very much done to it to get it running. It will need batteries, and the electrical system will need to be checked over. The motor has been replaced at some stage. It was possibly last run in the 1940s. Needs a working bee – there is a possibility that the car might be transported to Launceston if that would make it easier for AEVA members to work on it.

Greg Partridge mentioned that Geoff O'Toole of GT Tooling in Mulgrave (Sydney) was involved in restoring a Baker electric.

Charles hasn't yet investigated an **events calendar**, but maybe we should wait before doing anything too involved. AEVA national council has approved a proposal to create a new AEVA logo. Once the logo is updated the new website can be designed around it, and this might include an events calendar. For the moment the events are listed in the minutes and agendas.

We have agreement from the national AEVA executive to give endorsement for ANDRA (national drag racing body) to hold an EV class in the **National Drag Racing Championships**. Last we heard the national AEVA secretary was drafting a letter of endorsement. John Hanley to contact ANDRA to find out if this has been received.

Correspondence in/out

Warren received a letter from Katrina of the the Wonders of Wynyard museum 21st April. *“Good news! I've heard from Timothy Clemons the owner of the Waverly. He is very happy to participate in your project. Tim is going away for a month and half, he would like to call you when he returns.”*

General Business

Treasurer's Report – Clive sent this report on 9/6/16:

Current balance: \$1023.93 (as of today, but not expected to change by AEVA meeting date)

Bills for banners, high visibility jackets, stickers etc all in: \$1815.00 (as

previously foreshadowed)
Lamination of some display material for Agfest: \$26.75
Share of Agfest site rental: \$100 (to Alternative Technology Assoc)
Interest income received: \$0.75

Website & Social Media

The website has been experiencing some technical difficulties lately as our webmaster has been applying some updates. The site lost some posts, and at one stage seemed to revert back to something from last year. Some members may have had trouble trying to renew their membership – please try again, it should be fixed now. If you have any problems please contact the secretary.

All minutes and agendas are now posted to the website as well as emailed.

EV News was recently posted. This is in a members only section of the website.

Facebook groups (Tas and National) are well 'liked'. Peter Derkley mentioned that he has been receiving interesting and diverting information since joining up.

Report from the **Hobart Conversions SIG** (Special Interest Group) – see report on our website [here](#). Next meeting 2nd August 7pm at the Civic Club. Contact John Hanley (or the secretary) if you'd like to be involved.

Ray reported on the proposed **Launceston Conversions SIG**, we are to have a preliminary meeting 23rd June to decide what the group wants to do. Launceston College is keen to be involved. Contact the secretary if you'd like to be involved (or if you'd just like to be on the mailing list).

Reports on events:

Agfest 5th, 6th, 7th May

Helen Hutchinson of the Alternative Technology Association invited AEVA to provide a vehicle for their stand at Agfest. Warren was going to take his Mira, but it is experiencing technical difficulties, so he decided not to go. Christopher took his Brumby instead, which fitted in with the agricultural theme. The ATA brought along a historic, converted tractor (pictures [here](#)).

This tractor is used by an organic market garden in the Deloraine area. Apparently you can hear the birds sing while cultivating your plot. Launceston Mitsubishi did not have an Outlander at their site, but they offered one for our site. We had to decline as we didn't have the room.

The tractor and the Brumby were good at attracting people into the site. So was the teardrop banner (it says "talk to us about electric vehicles"). The new reflective vests were good. The ATA were pleased for us to be there, they probably wouldn't have had as much interest without the car. When we revved up the motor people would come to see what was going on.

The ATA are keen to have a site again next year, and will work on attractions to populate the site (for instance a wind turbine). The ATA did not ask for any money from AEVA, but the Tas executive decided after the event to donate \$100 towards their site fees.

A discussion ensued about whether the AEVA wants to be involved again, and in what capacity. General feeling is that it is a good event to be involved with. It would be good to be able to provide charging on site for patrons, although it is not immediately obvious how this could be achieved. Parking is tightly controlled and so it would be difficult to get patrons into a dedicated EV car park. There is also a 4WD demonstration area which might be fun to play with. Christopher to discuss these ideas with Rural Youth in October when site applications open.

Tas Networks had a Nissan Leaf at their Agfest site, and Paul reported that there was great interest with lots of people being shown its finer points. One person in particular said that he would just go out and buy one.

Picnic at Ross 15th May

Ray attended Picnic at Ross as a patron, and noted that although the guidelines specify pre-1994 vehicles, there were plenty of 2016 vehicles on display. So we'll keep this on the calendar for next year, we could make an EV display there. You just turn up, there is no charge (other than a gold coin donation) and no charging available. This particular day was cold, wet and windy, with picnics generally had *inside* the vehicles.

Reports from working groups:

Electric Highway

Clive sent this through:

No working group meetings. Various ongoing discussions occurring, nothing significant to report. TasNetworks management have asked Clive Attwater to present on 20 July, which may help contribute to determining the organisation's response. Hydro should be in a position to consider its role by July also.

Information/Strategy/Brochure group (Penny C, Charles, Paul R, Clive):

This group is to develop information and strategies such as:

- How should we approach cafes, pubs, caravan parks etc., to ask if existing infrastructure (e.g. power outlets) can be used for EV charging?
- Information for businesses describing what might be involved in installing new infrastructure.

Tas Networks has offered to help develop information into pamphlets where this would make sense.

The group has not met, although Clive has circulated information tailored for Caravan Parks. Paul also reported that Tas Networks is planning to commence work on the brochures early in the 2016-2017 financial year.

Bus Group – has not met

There was some discussion on bus technologies (from trolley buses to induction charging), however it was pointed out that discussions amongst ourselves would not persuade bus companies to do anything. Paul informed us that the state government's draft climate change strategy included a suggestion for an EV workgroup. If AEVA could get onto this group then we may be able to exert some influence in this area.

Destination Chargers.

Currently 25 shown on Plugshare.com for Tas (or perhaps 26 depending on settings)

Clive has been adding caravan parks as he has been visiting them.

It is not certain if the Mount Field charger has been installed, the Parks & Wildlife department person who was dealing with this has left the organisation. Michael to follow up.

Reports on AEVA submissions

Members of the Electric Highway working group identified that there is a move by the Department of Justice, Planning to develop a state-based planning scheme (currently the 27 councils each have their own schemes). The new planning provisions are in draft, and comments have been invited. A submission was made by the working group to describe guidelines for public charging infrastructure.

- AEVA provided advice to the Tasmanian Greens on costing their reply to the state budget speech
- Clive made a presentation at a Devonport Council workshop 2nd May
- Launceston Council 18th July – Clive and Ray to attend.

Lufra to Lookout HillClimb (20th August)

Peter Derkley (Lufra Hotel) and Peter Lowe (Club Motorori Italia) were in attendance again to give us an update on this event. A recap was given of the race - see the previous minutes for details. To enter the race you would need a certain amount of experience. This can be provided by attending the Driver Training Day at Baskerville on 24th July. Information was provided on printouts, this will be made available electronically shortly on the AEVA [website](#). The training will cost \$55, but Peter Derkley said that he would give an incentive by taking \$30 off the entry fee for the HillClimb (for an EV entry). A helmet is required, Peter advised that they have spare helmets, or a motorbike helmet may be used. Peter pointed out that there are different levels of involvement:

1. Display only. There will be plenty of space for us to set up an EV section to display our vehicles. We can set up a stand with brochures, display our banners and talk to patrons.
2. Display and drive. There will be a tour at lunchtime on the Saturday. All cars will be invited to drive up the hill with a pace car to ensure no racing. Veteran cars, EVs etc., all are welcome.
3. Display and race. Display your car and enter in the race. Remember this is not about going fast, it is about being consistent. See the previous minutes for details here on the [website](#).

Christopher added that he has had two qualified race drivers offer to drive his car for the event, and this offer has been extended to others as well. The drivers are John Hanley (AEVA member) and Allan Roark. Contact Christopher if you'd like to take up this offer (secretary@tas.aeva.asn.au).

The Peters left the meeting at this stage, and discussion resumed later.

Paul pointed out that a new car warranty normally states that it is void if the car is used in a race. Most EVs in the club are presumably affected by this. Christopher mentioned that Peter had said that he was originally thinking of having the EV and veteran cars mainly on the Sunday. The general agreement seemed to be that a show and (slow) drive on the Sunday would gain more participants.

Christopher is likely to take his Outlander and Brumby for the weekend, including racing the Brumby on the Saturday. Christopher will Liaise with the Peters and keep the membership informed of any developments.

<note from secretary – Lufra Hotel is 76km from Hobart and they have 15A outlets available for charging>

Clive wondered if a **winter event** of some kind would be a good idea. Something to celebrate our 1st birthday. Various topics were discussed:

- Holding something at Lufra with the HillClimb? Probably too much else going on at that time.
- Announcing something regarding the Electric Highway? No, there will probably not be anything major to announce this year.
- Another public speaking event like the Launch last year? Yes, this was successful and it would be good to follow up. September might be a good time, with less on the calendar.

We would want a topic and some speakers - probably a few speakers, but it would be good if we could get at least one high-profile person to attract attention.

- Charles mentioned that Robert Llewellyn is coming to Australia, but this would be in the new year. Charles will follow this up though, to see if he would be interested in doing something then. Robert hosts the popular EV web series Fully Charged, and has also been on Scrapheap Challenge and Red Dwarf.
- Simon Hackett was mentioned as a possibility.
- The University EV racing team might like to do a presentation - it was mentioned that they should be able to fill about 15 minutes.
- Battery technology was mentioned - the Tesla PowerWall has made this a hot topic.
- The State Cinema was the venue for the Launch, but it does not lend itself to an EV display. Please think about another (presumably Hobart) venue that would allow both display of cars and public.
- All suggestions welcome!

Upcoming dates:

- CENTS in Penguin in July. Greg is to give a presentation, and will advise when a date is fixed. They would probably appreciate a visit by an actual EV, perhaps one of our NW members would be able to make it along?
- Tas Dragway Test & Tune 13th August. Christopher added this in case anyone wanted to go.
- AEVA Tas AGM 17th August. Consider if you'd like a position. Christopher will send out more information closer to the date.
- Lufra to Lookout Hillclimb 20th & 21st August.
- Motorman (Launceston Silverdome) 3rd September. Indoor car show, cars must be in the night before.
- Launceston Show 6th, 7th 8th October.
- Hobart Show 19th – 22nd October. Those present decided that the Shows were not worth attending.
- AGM in Adelaide 21st, 22nd, 23rd October. Consider if you'd like to attend. You can get your travel expenses paid for by AEVA. Tas delegates are nominated in the Tas AGM in August.
- Sustainable Living Festival (Hobart) 12th & 13th November. Paul will again be the driver of this. Do we want to share with the Uni again? - yes. Do we want to put on an outside display again? - yes. Do we want to hold a raffle again? - no.
- Devonport Motor Show 26th March 2017
- Agfest 4th, 5th, 6th May 2017 (apply from October 2016)
- Picnic at Ross May 2017
- Tasmania is host to the 2017 National AGM (in October or November)

Banners etc.; we now have:

- Fluorescent vests with AEVA logo (10)
- Stickers (500) to be given away at events - "My next car will be electric". These cost 50c each so give them away judiciously.
- A teardrop banner
- A 1 x 3m banner - "the future is now"
- A large banner "Australian Electric Vehicle Association"

The teardrop banner is expensive but good (self-supporting, indoor/outdoor, attractive). Penny suggested that we might want to buy another one. They would look good as a pair, or it would

help with logistics when events co-inside at opposite ends of the state. The executive will decide whether to buy another.

National AEVA is putting together some **new brochures**. Our old ones are rapidly aging, they don't even have the Tas branch on them. They have requested photos, particularly of people enjoying their EVs. If you can provide any please contact the secretary.

Greg provided some **business cards** last year and there are only a few left. It was decided that we should purchase another batch with the same design. Greg to organise and liaise with Clive for payment.

Group purchase of 3-phase adapters

John Casimaty is investigating a group purchase of adapters to let Teslas (and perhaps other cars) charge from an industrial 3-phase outlet. These outlets are fairly common, in workshops, showgrounds etc. It is hoped that a group purchase (co-ordinated through AEVA) could result in a price reduction.

It was agreed that this should be considered, and that John should work on a proposal for the executive to vote on.

Christopher advised that a new product has been advertised to charge vehicles with the J1772 socket (i.e. all cars sold in Australia except the Tesla). The units are from Gelco, and are designed to use the maximum available power from an Australian socket. The 10A version draws 9.8 Amps and the 15A version draws 15 Amps. For Leafs, I-MiEVs & Outlanders this is a higher rate than the cable that comes with the vehicle. Prices are reasonable and the company has offered discounted prices for AEVA members. Details are on their [webpage](#).

Import duties on 2nd hand cars was discussed briefly, apparently there is an environmental category for imports.

Christopher asked whether the club should purchase a **monitor or projector**. For use in meetings (for instance this room had no screen available) and indoor events like SLF and MotorMania. The SA AEVA branch have a screen with an inbuilt hard drive, and they have it loaded up with photos and videos for display at events. It could also be used for Skype. This was discussed, and it was decided that a screen would be worth purchasing. A monitor would be better than a projector, being a bit less constricted in application. Christopher will look into available devices and will put it to the executive to make a decision.

Meeting closed 21:00

Next meeting: 19:00 17th August (AGM), State Cinema in Hobart

General information:

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

Members' discounts:

20% off Tesla Limousines & Tours <https://teslatours.limo/> (Statewide)

20% off first lawn service from Greg Milligan Gardens and Maintenance (up to \$20).

<https://milligangardens.com/> (Hobart & surrounds)

Discounted EV chargers from Gelco: <http://www.gelcoservices.com.au/>

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

<http://cleantechnica.com/2016/06/13/top-selling-car-norway-electric-suv-evs-29-sales/>

https://www.facebook.com/permalink.php?story_fbid=10153382204302187&id=98740467186

<http://cleantechnica.com/2016/05/08/crazy-elon-musks-goals/>

[Volocopter that 'could replace the car' flies with passenger in test ...](#)