

# Minutes

Meeting of the AEVA Tas Branch  
Held at the State Cinema, 375 Elizabeth St. North Hobart.  
13<sup>th</sup> April 2016 7pm

## **Attendance**

### **AEVA Members**

Warren Boyles, Christopher Walkden, Ray Johnston, William Dawson, Peter Freeman, Paul Dickenson, Les Gregson, Michael Wadsley, John Hanley, John Casimaty, Charles Gregory, Greg Milligan, Roger Dewar, Paul Rayner, Clive Attwater, Bob Purdon, Rhys Filbee, Penny Cocker

### **Guests**

Andrew Reeves, Anita Dawson, Daryl Brown, Andy Townsend, Vincent Ji, Sheran Nanayakkara, Jeremiah Jez, Gordon Rospin, Peter Derkley, Peter Lowe, Geoffery Attwater, Craig Clark

### **Apologies**

Peter Burns, Mike McCausland, Andrew Cash, Sarah Lowe, Rachel Milligan, Penny Wadsely, Chris Heath

## **Confirmation of minutes for previous meeting**

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

## **Business arising from the minutes**

Warren contacted the Wonders of Wynyard ([website here](#)) and spoke with them about the Baker Electric at the museum. It was apparently "got going" a few years ago with a motor from a forklift and some lead-acid batteries, but it is not currently running. The people at the museum were open to the idea of AEVA members getting this vehicle going again, with the possibility of letting it out for events. It might just need batteries, and the battery pack required might be relatively small and therefore inexpensive.

The car belongs to a bloke who is very hard to get a hold of. We would need to get permission from him before progressing. There is the possibility of funding from Brand Tasmania to help with this project, other options might be the owner, or possibly a battery place such as Eastern Shore Batteries.

Contact Warren or the secretary if you'd like to be involved in this project.

Charles hasn't yet investigated an events calendar.

ANDRA (Drag Racing body) requested endorsement for an electric class in a national drag racing event to be held in Tasmania. AEVA have approved this endorsement and have drafted a letter. This should be signed and delivered soon.

## Correspondence in/out

No notable correspondence

## General Business

### Treasurer's Report

Current balance: \$2965.68

Recent spending: Recharge NSW freight \$50.60; Love Living Locally in Kingston \$40.00. Not spent but funds for banners, stickers, etc. committed about \$1800 (final invoices not in).

### Website & Social Media:

Greg reported that the Facebook group has been made public now (was previously AEVA members only). There is a good amount of interest, with daily discussion on different topics. Currently 50 members of the group, but any Facebook member can see what's going on: [link](#)

AEVA website (<http://www.aeva.asn.au/tasmania>) is being kept updated by Christopher. Agendas and Minutes are now able to be stored on the website (and facebook).

Report from the **Hobart Conversions SIG** (Special Interest Group) – see report on our website [here](#). Next meeting 3<sup>rd</sup> of May.

**Launceston Conversions SIG** is still in the pipeline, this group will probably be based in Launceston College, so it was decided to not start until the new teachers had settled into their routine. An initial meeting will need to be scheduled soon.

### Reports on events:

#### Chudleigh Show 20<sup>th</sup> Feb

Helen Hutchinson of Alternative Technology Association invited AEVA to help at their information booth. We had Christopher's Brumby and Helen's Prius on display, and talked with many interested local farmers and car enthusiasts.

#### Richmond Market 20<sup>th</sup> Feb

EV display on the Village Green to co-incide with the market. Pushbikes, Zero motorbike, Leafs x 3, Conversions x 2, Outlander, Model S. Had a good crowd, especially in the morning.

#### Devonport Motor Show 20<sup>th</sup> March

This was a large and well organised event that took over the waterfront at Devonport. The organisers originally contacted the AEVA to request vehicles as they are in the zeitgeist at the moment. They supplied a special spot with access to power for the vehicles that needed it to get home. We had a Mitsubishi Outlander and Tesla Model S, along with conversions of a Daihatsu Handivan, Subaru Brumby and Volkswagen Beetle.

Members were kept constantly busy all day. Ray mentioned a couple of notable moments; a good conversation with a young person about upgrades to his electric

wheelchair, and a couple of 13 year old Ford V8 enthusiasts who were fully converted to electric by their sit in Philip's Tesla.

Some links:

[Devonport Motor Show Video](#)

[Devonport Motor Show Video 2](#)

[Devonport Motor Show AEVA Pictures](#) (via facebook)

Love Living Locally in Kingston 20<sup>th</sup> March. Report from Sarah Lowe:

*There were three AEVA folk attending the stand most of the time, with a steady stream of people keeping us talking most of the day. Just one car and an electric bike on display but the large banner always works at attracting attention. We handed out 'material' from Nissan and BMW about the cars currently available in Hobart and many took the new stickers: My next car will be electric. No opportunities for test rides this time. A good day altogether.*

### **Report from working groups:**

#### Electric Highway

This group has met and made revisions to the plan largely informed by Clive's recent European trip.

The revised plan is for a much simpler network, initially consisting of just six fast DC chargers. The spacing will be wider than previously, in order to cater to usage patterns found by countries who have already installed charging networks. Closer spacing is required for lower range cars to travel long distances, but it has been found that people don't generally use those cars for those trips. A wider spacing is cheaper to implement, and suits vehicles with a 250km+ range, such as the currently available Teslas and several vehicles due to be released from 2017.

The network will be complemented by destination chargers installed in many places by Tourism Destinations, Hotels, Cafes, Councils, Parks & Wildlife etc., in places where people are encouraged to stay for a while.

The plan is at a stage where an initial commitment could be made by sponsors. Some of the potential sponsors are busy right now, so this is not being rushed. There may also be benefits on waiting a short amount of time, as new chargers are about to come onto the market.

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

This group has not met. Clive spoke on the potential of Plugshare.com, and using this to help put our case to businesses, councils etc. This group is to develop a strategy for AEVA members to approach such candidates in their local area. For instance, could we offer to create and update a Plugshare profile as a benefit of corporate membership? Also to develop recommendations for signage, and put together one or more brochures to give to businesses, councils etc.

Bus group - has not met.

National Website (Charles) – No further progress.

**News on destination chargers:** Currently 20 shown on Plugshare.com for Tas Mt Field National Park

Clive reports that the donated charger is due to have been installed, although he hasn't heard confirmation that it has been. The Parks & Wildlife service is going to assess their sites to see if they can install 15A outlets and/or J1772 outlets at other destinations.

Deloraine

Charles noticed an entry in a public consultation paper that said the Meander Valley Council had allocated \$4k for public charging infrastructure in Deloraine. Craig Plaisted (of the council) was involved in the project, and has indicated that he'll be in contact with the AEVA to discuss possibilities. This could be a single charger (J1772), or possibly a number of 15A outlets. Signage will need to be considered.

You can see and comment on the draft Development Plan via the MVC's website: <http://www.meander.tas.gov.au/DeloraineODP>

Clive visited all councils nominated as potential sites for the fast charging network, plus a few other councils on the way. Several of the council staff approached suggested that they may look into destination chargers in their areas (car parks etc.).

Other additions include Hobart carparks, Lufra Hotel

### **Recent AEVA submissions:**

- State Climate Change Draft Action Plan ([link](#))
- Climate Works submission to Federal Government ([link](#))

Clive has emailed various members of parliament as a representative from the AEVA, highlighting our recent activity and providing copies of the above submissions. All AEVA members are encouraged to write to our local members at all levels of government.

AEVA and the Electric Highway Working Group are also working on Draft State Planning Provisions with regards to charging infrastructure. This is to be submitted to the Department of Justice.

Michael Wadsley had a letter to the editor in The Mercury on the 13<sup>th</sup> regarding electric ferries.

### **Upcoming events:**

- Agfest 5<sup>th</sup>, 6<sup>th</sup>, 7<sup>th</sup> May. This is with the ATA, refer to recent email for the details. We are looking for people to help out on one or more of the days.
- Picnic at Ross 15<sup>th</sup> May. Ray found that this is for pre-1994 vehicles, so unlikely that any EVs will be entered.
- Lufra to Lookout Hillclimb 20-21 August (discussed below)
- Motorman 3<sup>rd</sup> September – car show at the Silverdome in Launceston
- Community Exchange Network Tasmania (CENTs) has invited the AEVA to

give a presentation at their meeting in Penguin on the 22<sup>nd</sup> of May. Greg Milligan is working on this, contact him (or the secretary) if you'd like to be involved.

- AGM in Adelaide 21<sup>st</sup>, 22<sup>nd</sup>, 23<sup>rd</sup> October. Think about if you'd like to go, delegates to be decided at the Tas AGM in August. Travel expenses can be covered by AEVA.

## Lufra to Lookout HillClimb

Peter Derkley (Lufra Hotel) and Peter Lowe (Club Motorori Italia) gave an engaging presentation on this event. In summary, the event was started by the Lufra Hotel last year to bring business to the area during the off season. The Italian Motor Club took up the running of the race itself, and has developed it as a regularity event – distinguishing it from other HillClimb events. It is a timed event, with one vehicle competing at a time against the clock. You nominate a time and try to match it exactly, with higher penalties for being too fast than being too slow. This allows all types of vehicles to compete against each other. The race is from the tessellated pavement up to (or almost to) the lookout. Each car might get (perhaps) 6 runs up the hill throughout the day. While not racing, cars are on display for everyone to see.

This year the organisers are keen to add an extra day to the event, with the introduction of electric vehicles and vintage vehicles. These two new “classes” would compete on the Sunday, making this a full weekend event. TDT is a major sponsor, and Peter expects there to be good media coverage.

Although this event could potentially be a “Sunday drive” (i.e., you could take it slow and still be competitive), drivers will still need to have a certain amount of experience and/or training, and the event must comply with CAMS rules. Driver training days will be held in the lead-up to the event – Peter will provide more information soon. Entries will open in July, price is \$140 (note that AEVA may be able to help with this cost if a motion was passed to do so).

There will also be room for static display cars, for people who don't want to take part in the race.

A brochure is on our website [here](#), including special accommodation discounts for the weekend.

## **Banners etc.:**

At a recent meeting of the executive it was decided to purchase the following:

- 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”

The first two have been delivered, the final two are due soon (should be in time for Agfest). Total cost was \$1815.

## Group purchase of 3-phase adapters

John Casimaty is investigating a group purchase of adapters to let Teslas charge from an industrial 3-phase outlet. These outlets are fairly common, in workshops, showgrounds etc. Initial costings put the price at around \$1000, which includes an estimate of the cost required to wire in Australian plugs. The adapters could also be used for other cars, however it would probably be unlikely that other car owners would buy them, since their cars can't take full advantage of the power available. It is hoped that a group purchase (co-ordinated through AEVA) could result in a price reduction.

Charles gave an informative and entertaining presentation on the launch of the **Tesla Model 3**.

Vincent, Sheran & Jeremiah gave an inspirational presentation on the efforts of the University of Tasmania's **Formula SAE Electric** team. From Vincent's first visit to an AEVA meeting in September, when he was the only member of the team, it has now grown to 13 members including post-graduates and under-graduates at the University. They wanted to thank all who have helped them out financially and/or otherwise, with special thanks to Warren who donated them a motor controller.

Their next race will be with internal combustion, but the one after that (end of 2017) is planned to be electric. Their current car is on display at DJ Motors - a major sponsor of the team.

The team is always interested in offers of help, financial, or in kind, or help with ideas, designs, labour etc. Contact them through their website;

<http://www.utasmotorsport.com/>

Their presentation will be made available shortly via a separate email to the AEVA mailing lists.

Meeting closed: 21:25

**Next meeting: 7pm 22<sup>nd</sup> June, 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)

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

[http://www.youtube.com/embed/8\\_lfxPI5ObM?rel=0](http://www.youtube.com/embed/8_lfxPI5ObM?rel=0)

[http://www.huffingtonpost.com.au/entry/koch-electric-vehicles\\_us\\_56c4d63ce4b0b40245c8cbf6?section=australia](http://www.huffingtonpost.com.au/entry/koch-electric-vehicles_us_56c4d63ce4b0b40245c8cbf6?section=australia)

<http://www.evaustralia.com/>