Proudly present the

2015
Victorian HPV Series
Round 4

Proudly brought to you by

Casey – Cardinia HPV & Cycling Club Inc.,
The Wonthaggi Human Powered Grand Prix and
Bendigo EEV / HPV Grand Prix
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1 ~ Introduction

Welcome to the Round 4 of the 2015 Victorian HPV Series (hereafter called, the series). This booklet, along with regular emails, Facebook and website updates will provide you with the information you need to compete in the fast growing Series covering Victoria.

This event is not affiliated with the RACV Energy Breakthrough and any similarities are a coincidence.

Each of the four events in the series is a standalone event but there will be an overall trophy for the series as well. We will again be providing wireless access for the Casey event. As well as this, we will have an area to provide you with up to the minute results and news about the competing teams.

This year, to assist with the continuation and growth of these events, we are seeking teams or individuals that have an interest in staging these events to step forward and help us out. We are looking for people to help in all areas of the event, from planning, set up, administration etc. Your help would be greatly appreciated.

This year the series titles will be decided by points accumulated over the four rounds. To be eligible to win the overall title and category titles a team must compete in at least 3 rounds of the series in the same vehicle in the same class. Categories need to have at least 3 competitors to be recognised as a category. The series will consist of:

- Round 1: A six hour event at Casey on Saturday 28th February 2015,
- Round 2: the Wonthaggi 24 hour, at Wonthaggi, on 20th, 21st and 22nd March
- Round 3: A ten hour event in the Bendigo CBD on Saturday 22nd August and
- Round 4: A six hour event at Casey on Saturday 10th October.

Each event will release a separate handbook relevant to their own events.

Please take the time to read through this booklet, and we look forward to seeing you all at Round 4 on 10th October, 2015.

Kind Regards,

John Mills
Convener
Victorian HPV Series
2 ~ Aims

We, the Event organisers, aim to:

- Provide participants, young and old, with the opportunity to race competitively in a controlled, safe and friendly environment.
- Provide entrants a racing environment to test new designs.
- Provide participants with the opportunity to improve their riding ability throughout the series both in day and night conditions.
- will be a fun program with real world challenges.
- offers students opportunities to explore and address vehicle design, driving skills and vehicle and passenger safety issues.
- To build partnerships with other HPV event organisers e.g. Wonthaggi, Bendigo, RACV Energy Breakthrough, AIPP, and Bridgebuilders.

3 ~ Summary of Events

1 - HPV

Round 1: is a six hour event commencing at 10 am on Saturday 28th February. The race will be conducted at Casey Fields on the HPV and Cycling Criterium Track. Racing is in an anti-clockwise direction. This event will be run on the first two loops of the track.

Round 2: is a 24 hour event commencing 12 noon on Korumburra Road, Wonthaggi from 21st – 23rd March.

Round 3: is a 10 hour event on a street circuit in the Bendigo CBD on 22nd August. The event will commence at 12 noon and cater to EEVs as well.

Round 4: is the final 6 hour event at Casey Fields and will commence at 10am and be conducted on the full track length.

2 – EEV

See the Bendigo website / handbook for details.

4 ~ HPV Categories

The 2015 Victorian HPV has six HPV Categories at all events:

- Junior Class (Yr 5 - 7)
- Middle Secondary (Yr 8 – 10)
- Senior Secondary (Yr 11-12)
- Open Secondary (Yr 7 – 12)
- Open Girls (Yr 7 -12)
- Community
- Community Elite
- Community Female (trial category only)
- Veterans (age 35 and over)
- EEVs (Bendigo only)
5 ~ HPV Teams

Junior teams may have up to 12 riders with a minimum of 4 girls. Students may come from a cluster of Primary and Secondary schools.
All other teams in the event will consist of a minimum of six and a maximum of eight riders. At least half the members of the Middle and Senior class entries must be female. Community teams are free with respect to age and gender.
The Community Elite class shall comprise teams of elite athletes or commercial manufacturer teams. Teams can nominate that class or be placed in that class at the organiser's discretion.
Veteran's teams consist of riders with a minimum age of 35 years at the time of the event.
For this event we are trialling an all Female Community Class
All team members must be familiar with the operation of their vehicle entry and must participate during the event.

6 ~ Event Schedules

These will be released by each group closer to the events

7 ~ HPV Track Rules

To ensure a high level of rider behaviour and track safety the following rules will be enforced during the event. It is the Team Manager’s responsibility to inform riders of the rules before the event.
- Riders need to ride to the track conditions and within their abilities (fastest is not always safest – all accidents / collisions are avoidable)
- Blocking, weaving or forcing a way past a vehicle is not permitted and examples of such driving / riding will be penalised. Experienced riders should set an example for younger riders
- Vehicles must stay to the left of the track unless overtaking another vehicle (or entering pit lane)
- Vehicles must endeavour to overtake on the outside (right hand side) of the track.
- When overtaking, a rider must ensure that they:
  - Check their mirrors to ensure it is safe for them to overtake.
  - Sound their horn until they have passed the vehicle they are overtaking.
  - Ensure there is a safe distance (approx 3m) before moving back across the track.
- When a caution (yellow) flag / light is displayed on the track, all vehicles must slow and not continue at race pace.
- If aggressive behaviour and abusive language is observed, the teams in question will be penalised. These types of actions will not be tolerated.
- If a vehicle becomes disabled (i.e. chain falls off) on the track, riders are to move over to the side of the track. If the rider cannot rectify the problem alone, help from an official should be sought.
- Vehicles involved in a collision or rollover should return to pits immediately and not re enter the competition again until cleared by the relevant scrutineer. Vehicles observed not returning to pits after a rollover / collision may be penalised
- Upon entering Pit Lane, riders must ensure that they are travelling at no more than 10kmh (slow walking pace). This speed must be maintained through the entire distance of the Pit Lane.
- Vehicles must come to a stop under their own power when stopping in pits (ie no “catching” a vehicle to bring it to a halt)
- A vehicle must leave the pit area under its own power (ie no one is permitted to give the vehicle a push start)
- Portable music / electronic devices (e.g. i-pods, mp3 players, i-phones etc) are not permitted to be used while riding. Any rider found to have ear phones in constitutes a safety hazard and will be stopped immediately.
• All riders are required to wear appropriate clothing and covered shoes at all times whilst riding. Upper body clothing is to cover the rider’s shoulders and upper arms. Singlets and tank tops are not allowed. Gloves are required and should be of a strong fabric. Safety Glasses are to be worn at all times.

Breaches of the above rules or riding in a manner that, in the opinion of the event management, is in breach of the spirit of the 2015 Victorian HPV Series may result in disciplinary action. This could be in the form of warnings, time penalties or loss of laps at the conclusion of the event for subsequent breaches.

Pit Rules:
• In the pit bay, a maximum of two students / riders and one supervising adult may assist the ingoing and outgoing rider with a pit stop. Should more people be required, the vehicle must be moved back off Pit Lane into the teams pit tent area.
• One team member is permitted to stand and signal to vehicles from the pit lane barriers, but must move back immediately after signalling their vehicle.

8 ~ Pit Area

Each school / group entering will be allocated at least one pit area upon registration on the day. It is suggested that a tent / marquee be used in the back areas of your pit bay to provide protection for riders and their riding gear whilst not riding. If a team uses carpet for their pits it must be removed at the end of the day by that team.

There is no power to the pits. However, if you plan on supplying your own generator please ensure that all power boards and power leads have “in date” compliance tags and are clearly labelled. An “in date” fire extinguisher must be in close proximity to the generator at all times.

There is to be no welding or angle grinders (or any equipment that create sparks) used in the pit area.

Attention must be paid to all fire restrictions in force on that day

9 ~ Other Important Information

➢ Sponsorship
All entries are encouraged to display signage of their sponsors on their vehicle, providing that signage is not offensive or promotes inappropriate material (i.e. tobacco, liquor, gambling etc.). Should you require any clarification regarding your sponsorship, please contact the Event Management Committee at info@cchpvcc.org.au

➢ Publicity
The event organisers plan to provide regular emails to registered teams before events to keep them informed with all activities and issues in the lead up to the series. We are also promoting the event through local print media and via our website, www.cchpvcc.org.au and Facebook (www.facebook.com/VictorianHpvSeries)
To ensure consistent advertising, if you are planning to promote your team’s involvement in the event, please ensure you refer to the event as the:

2015 Victorian HPV Series
➢ Safety
Please ensure that all relevant paperwork is completed and submitted before each event.
While the event management committee ensures we take every precaution to make the event as safe as possible, we can not take responsibility for individual teams.

First Aid facilities will be available on the day to provide medical attention if the need arises. It is also suggested that each organisation have a First Aid kit in their pit area and all competitors consider membership to the Ambulance Service

Riders: All riders should have trained in their vehicle and should ride to their abilities. Team managers have a responsibility to instruct their riders in safe riding techniques

Helmets: Team Managers must ensure that helmets meet the latest Australian Standards requirements (with tag still attached), Helmets that are “scalloped out” do not meet Australian Standards and are not to be used

Gloves: To protect the riders from gravel rash or friction burns riding gloves shall be worn at all times when riding.

Safety glasses: Need to be worn at all times

Marshals along pit lane will be checking these items vigorously on race day.

Lights: No headlight is required but tail lights need to be operational throughout the event.

➢ Insurance
As per last year all participants on the day will be covered by insurance. School teams should still use school excursion forms.

➢ Catering
A number of vendors will be on site to provide participants with food and drinks at competitive prices. See our website for a menu for the day.

➢ Extreme Weather
In the event of a fire threat that has been declared “code red” for the area, the events may be cancelled.

If the temperature exceeds 33 degrees, organisers reserve the right to implement a range of staged strategies to reduce the likelihood of heat stress. This includes compulsory breaks through to suspension of the trial for a period of time. The decision is the responsibility of the Clerk of Course and organisers.

Other adverse weather e.g. rain, wind, will be dealt with accordingly

Your full co-operation is requested during these times.

➢ Vehicle Specifications.

See separate booklet
10 ~ Other HPV Events:

Casey 6 hour Grand Prix
February 28th, 2015
(Round 1 of 2015 Victorian HPV Series)

Details can be found at their website:  www.cchpvcc.org.au

Wonthaggi Human Powered Grand Prix:
March 20 - 22nd, 2015
(Round 2 of 2015 Victorian HPV Series)

Further details can be found at their website:
http://www.wonthaggisc.vic.edu.au/wsc_site/pages/display/1/35c5a9e52961b31ec881185083a29805/1/display

BridgeBuilders - Knox Grand Prix
April 25th - 26th 2015 (TBC)

Details of the Bridge Builders Grand Prix can be found on their website; www.bridgebuilders.com.au

Bendigo EEV / HPV Grand Prix
August 22nd 2015
(Round 3 of 2015 Victorian HPV Series)

www.bendigoevhpw.wix.com/grandprix

Casey 6 Hour Grand Prix:
10th October, 2015
(Round 4 of 2015 Victorian HPV Series)

Australian International Pedal Prix

Competitors may also be interested in the Australian HPV Super Series that is conducted in South Australia.

This event is in 3 parts:-
Round 1 May 2015, Loxton, South Australia (6 hour)
Round 2 June 2015, Victoria Park, Adelaide (6 hour)
Round 3 July 2015, Victoria Park Adelaide (6 hour)
Round 4 August 2015, Busselton Western Australia (6 hour)
Round 5 September 2015, Sturt Reserve Murray Bridge. (24 hour) All to be Confirmed still

Further details can be found on their website  www.pedalprix.com.au

RACV Energy Breakthrough

19th – 22nd November 2015
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Details of the RACV Energy Breakthrough can be found on their website; www.racvenergybreakthrough.net