



Volunteering at the RACV Energy Breakthrough **Thursday 22 – Sunday 25 November 2012**

For more info, please contact:

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Or

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Thanks for your interest in volunteering for this year's RACV Energy Breakthrough. We appreciate your support.

We have over 700 volunteers who come together in Maryborough each November to help make the event memorable, fun and safe for 5,000 students from 150 schools in 350 teams.

In 2009, the event scored the Victorian Tourism Award for Best Festival and Event – and we are keen to maintain our high standards. This kits aims to offer you as much info as we could muster about how you can volunteer for the 22nd edition of the RACV Energy Breakthrough.

We'll explain a range of roles, what's involved in them and the time required, before covering important stuff like accommodation, food and the vibe.

Volunteer Roles Available:

- **Judge – Display & Presentation**
- **Judge - Innovations in Technology**
- **Judge – Design & Construction**
- **Track Marshall – Try-athlon Obstacle and Time Trial (Friday only)**
- **Track Side Entertainment (Stage Work)**
- **Basic IT Support**
- **On-Site News Reporter**
- **Camping Co-ordinator Assistant**
- **Official Video**
- **Track Marshalling (HPV Secondary 24 hour event)**

Most of the categories are scored across three sections:

- Display & Presentation (25%)
- Design & Construction (25%)
- Trial (50%)

Roles Explained:

1. Judge - Display and Presentation

Time: 8:45 am – 5 pm Thursday & Friday

Experience Required: None.

Briefing: 8:45 am – On-site at the start of each day.

Location: Upstairs clubrooms at the Princes Park Pavilion.
(Access is best from Park Road)

Laurie Preston is the Co-ordinator of the Display and Presentation section this year.

The Display and Presentation section of The RACV Energy Breakthrough is an important component of the weekend's celebrations.

Each team will be required to present a 15 minute (minimum) spoken report to a panel of three judges. This report will relate to the development of the team entry, including ideas that did not work and why.

Key elements to be assessed in the Display and Presentations are:

- Student understandings - in the areas of technology, environment, nutrition, health and fitness, etc.
- Team work
- Involvement in team preparation and planning
- Knowledge of their entry
- Co-operation with the community, sponsors etc.
- Students presentation skills.

The judging panels generally consist of three members: an Education Rep, a Community Rep and a Young Person. One member is nominated as the Panel Leader.



We have more information on this if you're interested too!

2. Judge - Innovations in Technology

Time: 8:45 am – 4 pm - Saturday only

Experience Required: None.

Briefing: On-site at the start of the day

The challenge for Innovations in Technology is *WORKING WITH WATER*. Central Highlands Water is the major sponsor of this section which provides lots of fun each year.



Challenge 1: Crafty Design

Open to Primary & Secondary Students

The challenge for **Crafty Design** is to create a craft that resembles some of the Macro invertebrates.

Teams must create a stable craft (in keeping with the theme) which will run under its own power, along a 9 metres channel of water, carrying a full soft drink can.

Challenge 2: Moving Water

Open to Primary & Secondary Students

The challenge for Moving Water is for participants to create a water cycle catchment model. This involves building a working scale model which demonstrates, according to certain requirements, how water can be moved from one side of a mountain to another.

Challenge 3: Scrapyard Challenge (new for 2012)

Open to Primary students only.

A new challenge for 2012, where teams of 4 will be provided with a range of materials and be required to create a structure that will span 1.5metres within a three hour time limit.

The types of materials available will be a mystery to the teams, but they are likely to include recycled items – some useful, some not! It will be up to the team to decide which materials they would like to use and how they will build their structure.

3. Judge – Design & Construction

Time: 8:45 am – 5 pm Thursday & Friday



Purpose

The focus of the Design and Construction is to assess team's understanding of the vehicle and the concepts involved in its design and construction.

Design & Construction Format

As part of the Design and Construction assessment, teams will be required to:

- discuss and explain design and construction processes
- show each team member's licence to judges.
- show all rider safety equipment to judges including each person's gloves, helmets and eye protection.
- show copies of relevant design drawings.

Criteria

The focus for Design and Construction assessment will be:

- **Effort and input** – this is based on issues such as was the vehicle bought, made from new, modified from last year and to what extent the students were involved in the various aspects of design and construction.
- **Innovation and Quality** – how effective/clever the design concepts are, the materials used, construction methods and types of gears, brakes and steering.
- **Understanding** – the students' understanding of the vehicle design and key design concepts incorporated, the materials, components, running set-up (e.g. tyre pressures etc.)
- **Safety – Design and Understanding** – the use of restraints, roll bars, rider protection and visibility.
- **Practicality, Stability and On-road Performance** – vehicle reliability, lighting, seat adjustments, vehicle handling, etc.
- **Driver Training and Skills Development** – presentation of licences for each team member, skills covered in driver training including driving at night, in the wet, etc.
- **Understanding of Environmental Issues** – the relationship between transport and issues including greenhouse, air pollution and the importance of renewable energy, etc.

4. Trackside Entertainment (Stage Work)

Events:

Pushcart Endurance / Sprint / Celebrity Race
HPV Secondary: Practice / 24 Hour Trial
HPV Primary: Practice / 14 Hour Trial
Hybrid: Practice / 24 Hour Trial

Time/s:

Thursday Night:

Holden Track 6 pm – 8 pm

Friday:

Holden Track – 10 am - 11:30 pm

RACV Track – 9 am – 9 pm

Saturday:

Holden Track – 6 am – 11 pm

RACV Track – 9 am – 11 pm

Sunday:

Holden Track – 7 am - 1:30 pm

RACV Track – 7 am – 2 pm



The gig:

During the on-track events, pairs or trios of people have the opportunity to come onto the stage. This covers both the Holden Track & the RACV Track.

You'll be in charge of playing tunes, taking song requests, interviews with students and updating race results.

We'll have one of our stage crew on hand to help produce your segment.

The benefits for you:

Well, the opportunity to be heard by up to 10,000 people on-site is pretty cool, but it'll also be a chance for you to grow in confidence, build your presentation and communication skills too.

You will also score a certificate of appreciation & an Energy Breakthrough cap for making this year's Energy Breakthrough the best ever!

The commitment:

Timeslots can be anywhere from 1 hour to 6 hours, depending on how many people we have on.

Whenever there is track action - there's an opportunity for you to get involved.

Who are you?

- Over 14 years old
- You might be a student whose school is already involved in the Energy Breakthrough
- Enthusiastic & energetic about the event
- Male or female - we don't mind!
- Someone with good communication skills

5. Track Marshall – Try-athlon Obstacle and Time Trial

Time: 8:45 – 4pm (Friday only)

Experience Required:

Some marshalling experience would be useful, but not necessary

Briefing: Thursday 7pm (at the Team Manager's Meeting)

The Try-athlon event sees HPV teams completing Obstacle Course & Time Trial events on the Friday. The Obstacle course includes a series of twists and turns created using barriers and hay bales on the front straight of the RACV track. The Time Trial is an up-and-back course on the back straight of the RACV track. You will help out in the running the event by setting up the courses in the morning, organising teams for each heat, managing the changeover zones and just generally making sure everything goes ok.



6. Wireless Network / IT Support

Experience Required: A basic understanding of wireless networking would be beneficial.

Briefing: Prior to the event

We run a wireless network across the Energy Breakthrough site for teams to access results using their laptops and smartphones. You can be a part of this by assisting our team in setting up, configuring and monitoring the wireless network throughout the event weekend.

Times required: Prior to and throughout the event weekend.

7. On-Site News Reporter

Time: Throughout Friday – Saturday - Sunday

Experience Required: Some writing experience, aspiring journalists maybe?
Outgoing people willing to ask questions.

Briefing: On-site prior to the start of the event

Everyone at the Energy Breakthrough has a story to share about how they got to their team to Maryborough and what it means to them - you could be the one who captures some of these stories.

You'll play a role in producing our on-site newsletter: "*Thales What's Happening*" and distributing it across the site.

8. Camping Co-ordinator Assistant

Times: Wednesday – PM only / Thursday – All Day / Friday – AM only

Experience Required: None

Briefing: On-site at the start of the day

When teams arrive on-site, it's vital that someone tells them where they'll be camping. With this role, you'll be helping out our camping co-ordinators show teams where their site is and to answer any queries they might have.

Friendliness is essential!

9. Official Video

Time: Throughout Friday – Saturday – Sunday

Experience Required: Some film production, use of video camera

Briefing: Prior to the event.

Do you feel most comfortable with a handycam? Then maybe you could help out with the filming of our next DVD.

You'll be working alongside our lead producer from the Country Education Project to capture as much of the action from this year's event as possible. It will later be made available online & on DVD.

10. Track Marshalling (HPV Secondary 24 hour event)

Times: Various Friday PM; Saturday – Sunday

Experience Required: Some marshalling experience would be useful, but not necessary

Briefing: On-site at the start of the day

Local organisations, sporting teams & service clubs provide marshals for the HPV Secondary 24 Hour event. They do a magnificent job of both the marshalling and recruiting enough people. Sometimes however, they need a few extra people to fill in. *(Please note this is usually in the wee hours of the morning!)*

You'll be responsible for keeping an eye on the track for any incidents and using the flags where appropriate.

General Volunteering Info:

Important bit

If you can't make it on the day, for whatever reason, please notify Alisha Chadwick (0408 326 157) or Nigel Preston (0412 692 468) as soon as possible by **phone**.

Please don't email, because our access to email is pretty limited during the event and things are a bit crazy.

The Vibe:

- The Energy Breakthrough is a great event, which brings out lots of enthusiasm and energy from a whole host of young people.

If you're going to volunteer with us, we ask that you do so with **enthusiasm** and **energy** too, please.

To help the event run, we need everyone to do what's asked of them and if you can do that cheerfully, then that's even better!

- Remember that this is a school's event, so keep your language clean and there can be no drinking or smoking on site.
- As a volunteer, you're representing our event. Please remember to act responsibly. Once you're *'off-duty'* please take off any identification you have (*ie. Energy Breakthrough shirt / lanyard*)

Sign-In & Sign-Out:

Each day you will be required to Sign-In and Sign-Out in the Volunteer Register which is at the back of the Admin Centre. You can also get a 'Volunteer' lanyard at the same time.

Please Note: If you are judging Display & Presentation, you will Sign-In at the Princes Park Football Club Rooms. You are not required to go to the Admin Centre.

This simply helps us keep track of who is volunteering on-site each day for emergency purposes.

T-Shirts & Hats:

- Depending on your role, you may be issued with an RACV Energy Breakthrough T-Shirt and hat. These can be collected from the Admin Centre.

Food:

- Lunch will be supplied for any days that you are volunteering.
If you are volunteering over the weekend, your volunteer pass will get you food from a couple of outlets to keep you full and happy!
- You'll be required to self-cater for your other meals.

Accommodation:

One of the tricky things with volunteers from out of town is finding a place for you to stay... here are a few options:

- *'Old School'*
Many volunteers prefer to camp with the school that they are – or used to – compete with. This is totally fine with us.

- *Local Hall*
We have access to a number of local community halls where volunteers can sleep, rest and shower.
- *Camping Space on Oval*
If required, we can set aside a camping spot on-site if you prefer. You'll need to bring your own camping gear.
- *Family Friend*
You might have a family friend based in Maryborough that you'd like to stay with. That's cool too.
- *Hotel*
If you're significantly contributing to the event as a volunteer, we will offer you hotel accommodation. These spaces are limited and typically reserved for co-ordinators, but we won't leave you out in the cold!

Next Steps:

- ❑ Have a read through each of these volunteer opportunities and decide on which one/s you'd like to do.
- ❑ Check your diary to make sure you're free.
- ❑ Have a chat with a few friends and see if they'd like to help out too (the more the merrier!)
- ❑ Get in touch with Nigel or Alisha via email or phone & commit
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- ❑ Show up and do your best!