

Renewable Energy for Healesville Residents and Business Owners

2021 Free Events Program

Come join the
ENERGY REVOLUTION
in Healesville and District



Healesville
CoRE

Let's solve our energy needs using **the power of community**

Throughout 2021, Healesville CoRE is proud to be holding its fourth series of free community events.

Join us to learn more about community based renewable energy generation, learn how to increase the energy efficiency of your homes and businesses, and get the latest information on the renewable energy projects planned for our future.

We look forward to seeing you at one or more of these events in 2021 as we continue our journey to become a **net zero town.**

MONDAY
01
MAR

7pm to 9pm
Darron Honey Centre (rear of Uniting Church),
Maroondah Highway, Healesville

Online registration required

Switching to Solar!

"Our Community Solar Electricity and Hot Water Offers Continue into 2021"

This year we are combining both our community offers into the one exciting and informative event. With many community members already enjoying the benefits and savings of our previous Solar Electricity and Solar Hot Water offers, we are pleased to continue our community offers into 2021.

Come along to learn how to join over two and a half million other Australian households reaping the benefits of this fast growing industry. Not only can rooftop solar help you save money on your energy bills, but it can also help to significantly reduce your overall carbon footprint. Find out what options best suit your needs.

Guest Speakers:

- *Glen Morris* - Healesville's own renewable energy guru! Glen is a wealth of expert information on solar electricity and solar hot water systems.
- *Julian Guess* - Julian works in the Sustainability Team at Yarra Ranges Council.
- *Jason Parsons* - from Reclaim Energy, our Solar hot water heat pump bulk buy suppliers.

THURSDAY
22
APR

7pm to 9pm
Darron Honey Centre (rear of Uniting Church),
Maroondah Highway, Healesville

Online registration required

Making Our Homes More Comfortable While Saving Money and the Environment

"No solar? No problem!"

Most homes and workplaces in Australia are not well designed for our harsh climate: blisteringly hot in summer and freezing cold in winter. With the rising price of electricity, it can cost a small fortune to heat and cool our homes and businesses.

This workshop will detail a series of simple, cost effective steps we can all use to become more energy efficient in day-to-day life. We will be focusing on pragmatic, needs-based solutions aimed at reducing our individual energy consumption and reducing energy bills

Guest Speakers:

- *Alan Pears AM* - Former RMIT lecturer and home energy efficiency consultant, Alan has worked in the sustainable energy and environment field since the late 1970's with community groups, government departments and the private sector.
- *Glen Newman* - home energy efficiency expert from Enviroshop

SATURDAY
19
JUN

10:30am to 12:30pm
ONLINE WEBINAR EVENT

Online registration required

Healesville and District Community Energy: The Local Power Plan

Dr Helen Haines' Local Power Plan and the Healesville Micro Grid

We are delighted to welcome **Dr Helen Haines**, Independent Federal MP for Indi, who will present the Local Power Plan she has developed: a vision to create a viable community energy sector throughout Australia with Federal Government support. Dr Haines will outline the benefits

this Plan could bring to local communities such as Healesville and to local community energy groups such as Healesville CoRE.

The plan was developed with a strong community co-design process involving over 100 community energy groups throughout Australia in 2020, to which Healesville CoRE contributed. The resulting Local Power Plan crystallises how communities can actively participate in the development and ownership of renewable energy resources and how this vision can be supported by Federal Government. At the time of writing this program, the Local Power Plan was scheduled to be presented by Dr Haines to the Federal Parliament on 22 February 2021.

In addition, **Komo Energy**, Healesville CoRE's new technical development partner, will present our collective vision for a microgrid for Healesville and district, outlining what the microgrid could look like and how it can be structured and financed with real community participation and ownership.

The directors of Komo Energy, **Gerald Arends** and **Jonathan Prendergast**, will explain how a Healesville microgrid can be isolated during grid disruptions from the main grid. So, in times of emergency, such as in a bushfire, essential services can continue to function.

Guest Speakers:

- *Dr Helen Haines* - Independent Federal MP for Indi
- *Gerald Arends & Jonathan Prendergast* - Directors of Komo Energy

*We are pleased to announce that this event will be opened by **Cr Fiona McAllister**, Mayor of Yarra Ranges Council and Councillor for Ryrie Ward.*

SATURDAY
14
AUG

10:30am to 12:30pm
Darron Honey Centre (rear of Uniting Church),
Maroondah Highway, Healesville

Online registration required

Electric Vehicles and other Energy Efficient Modes of Transport

"Find out how you too can make the switch."

One of the biggest sources of greenhouse gas emissions is Transport! Vehicles using clean, renewable energy can help to achieve significant reductions in greenhouse gases, reduce air pollution and make our environment more liveable.

With the market for Zero emissions vehicles expected to mature over the next decade, the Victorian Government is preparing a Zero Emission Vehicle Roadmap to manage the transition.

Electric Vehicles will have an effect on our electricity grid and may provide an additional way of storing energy.

Come and find out about the facts of Electric Vehicles: the types of electric vehicles, the effect they have on the environment, the cost of buying and maintaining them, distances between recharges, charging stations now and more.

Learn about the latest developments in the renewable energy transport field here and overseas.

Guest Speakers:

- *To be announced.*

MONDAY
11
OCT

10:30am to 12:30pm
Darron Honey Centre (rear of Uniting Church),
Maroondah Highway, Healesville

Online registration required

The First Healesville Microgrid

"Creating Disaster-Resilience for our Town and District!"

A major bushfire disaster for Healesville is not an 'if' but a 'when'. And when it strikes, there is a strong possibility the electricity supply will be severely disrupted or wiped out. Power poles and wires can be destroyed and in some bushfire areas the towns have been without power for long periods of time. The big question for us is: *how will Healesville function without electricity for an extended period of time?* How can we create infrastructure to help the community feel as safe and as secure as can be managed in such difficult circumstances?

Creating a microgrid is one way to establish some energy resilience and security for the town, enabling important services and facilities to continue to function. But what is a microgrid? How does it work? How can the community be involved?

Healesville CoRE has been working with the Directors of Komo Energy (our new technical partners) to develop a realistic pathway towards establishing a microgrid for Healesville using a stepped process, commencing with a small area of the town and building on that over a period of time.

At this event you will learn about how this microgrid can be structured, how it can work, how the whole community can be involved and how community ownership can work. What would a microgrid in Healesville look like and how would we be more resilient and more secure with our own microgrid?

At our June event, we will introduce the concept of the microgrid. At this October event, we will be able to go into further detail about the microgrid plans for the Healesville community.

Guest Speakers:

- *Gerald Arends & Jonathan Prendergast* - Directors of Komo Energy

To help us plan for these events and be mindful of possible Coronavirus (COVID-19) restrictions, please ensure you register online:

 healesvillecore.org.au

Registrations open **3 weeks** prior to the date of the event.

FREE LIGHT REFRESHMENTS
will be available at each face-to-face event

Healesville CoRE is committed to reducing our community's reliance on fossil fuel generated power while simultaneously saving our community members money on their energy costs and reducing Healesville's carbon footprint.


As a volunteer-run organisation, we welcome input and involvement from all members of our community, and while these events are intended primarily for residents and businesses located within the 3777 postcode, members of the general public, who may be interested, are more than welcome to attend as well.

Healesville CoRE was established in June 2017 by a group of community volunteers dedicated to transitioning Healesville into a 'net zero' carbon emissions town by 2027.

We are a wholly independent group whose prime motivation is to achieve the best possible outcomes for both the environment and the people of Healesville.

All decisions made by Healesville CoRE, including those relating to the engagement of companies, organisations or consultants, are focused on this prime motivation.

To find out more, to donate, or to apply for membership, please visit our website at www.healesvillecore.org.au or email us at contact@healesvillecore.org.au

 Follow us on Facebook

Healesville CoRE is proudly supported by Yarra Ranges Council:



Essential support also from:

