Renewable Energy for Healesville Residents and Business Owners

2020 Program of Free Community Events

"Come join the **energy revolution** *in Healesville"*

HEALESVILLE ENERGY REVOLUTION

Healesville CoRE

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

Throughout 2020, Healesville CoRE is proud to be holding its third series of free community events.

Join us to learn more about community-based renewable energy power 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.

The events we've planned for this year focus on improving community awareness and knowledge on a range of topics, including domestic solar panel installations, heat pump and solar based hot water systems, solar battery storage, smart monitoring systems, small to medium scale solar farms, microgrids, and energy optimisation products for homes and businesses.

We look forward to seeing you at one or more of these events in 2020 as we continue our journey to become a **net zero town.**

MONDAY 02 MAR

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

Online registration required

Solar Electricity Production and Storage and Yarra Ranges Council's Community Solar and Battery Offer

"Rooftop solar... here to stay"

Australia has the highest take-up of rooftop solar power systems anywhere in the world and we at Healesville CoRE want to help you join the two million *plus* other Aussie household's enjoy the benefits of this revolutionary technology. Not only can rooftop solar help you save heaps on your monthly energy bills, but it can also help to significantly reduce your household's overall carbon footprint.

Healesville CoRE invites you to this exciting event to discuss all your rooftop solar options. We will cover a range of topics, from batteries and microgrids, to the benefits of participating in our promotion of the 2020 Yarra Ranges Council Community Solar and Battery Offer. We are proud to support this new council initiative giving Yarra Ranges residents and businesses unique access to high quality, fair priced solar systems installed by a trusted technician.

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.

- *Yarra Ranges Council's 'Solar Savers' Team.*

- *EKO Energy* - Installation company for the Solar Savers.

- *Mondo* - Inventor and developer of Ubi, a network monitoring device enabling enhanced feedback from solar systems and participation in a microgrid.

THURSDAY 07 MAY

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

Online registration required

Solar Hot Water and The Healesville Community Solar Hot Water Bulk Buy

"Hot water for a cool price"

Water heating accounts for the second largest segment of an average household's energy use. In fact, the amount of energy Australians use to heat the water in our bathrooms, kitchens and laundries makes up for approximately 25% of all household energy consumption.

This is why selecting the correct solar hot water system is so important. Choosing the best system for your needs can have huge benefits on both reducing your household energy costs and ensuring a constant and reliable supply of hot water – one of life's essentials.

Join us for an informative evening introducing the many and varied renewable energy water heating options. Types of systems discussed will include evacuated tubes, heat pumps, storage tanks and gas or electric backup systems.

This event will also feature the launch of our Community Solar Hot Water Bulk Buy. With many community members now enjoying the benefits of our 2019 bulk buy scheme, we are proud to reintroduce it for 2020.

Guest Speakers:

- *Glen Morris* - From SolarQuip. See info in previous event.

- *Reclaim Energy* - Solar hot water bulk buy supplier who will explain the details of the bulk buy offer we are running for the Healesville area and its surrounding communities, including how you can get involved.

SATURDAY

20
JUN

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

Online registration required

The Healesville Energy Revolution is Here!

"Microgrids. Macro benefits."

A transformation is occurring with the production and distribution of electrical energy. From the centralised, large scale power grids traditionally tasked with the transportation of electricity generated by coal fired power stations, to more decentralised, smaller scale, distributive systems. These new, locally based microgrids store and distribute their own solar energy with the aid of batteries and digital monitoring devices. Amongst other benefits, microgrids create greater energy resilience during blackouts and natural disasters and offer freedom from high cost traditional energy suppliers.

Healesville CoRE has been working with Mondo on the installation of an Ubi, a solar system's network monitoring device which will soon enable Healesville's first microgrid to be trialled. The aim of the trial is to establish a local energy grid powered entirely by our own rooftop solar installations and able to draw from, and supply to, the main grid as required.

For this trial to be fully actioned however, Healesville will also need a community renewable energy retailer. This - we are very proud to announce - will soon be made available as well.

Please join with us at this event to learn more about microgrids, how the new Healesville Microgrid will benefit our community and how you can sign up to the new local community energy retailer.

In addition to this, we are excited to announce that Yarra Ranges Council is considering the installation of a solar farm on the site of the old Healesville tip. Council will be providing further details regarding the project's scale, implementation and information on how the local community can get involved with the project.

Guest Speakers:

• *Mondo* - Inventor and developer of Ubi, will inform us about the Healesville Microgrid, how we can all make it possible and its benefits for the community.

• *Indigo Energy* - The community energy retailer, will teach us how the Healesville community can benefit from a community energy retailer, regardless of if you're part of the Healesville Microgrid or not.

• *Yarra Ranges Council* - Will outline the latest information on the Healesville Solar Farm.

To help us plan for these events, please ensure to register online. Online registrations open **3 weeks** prior to the date of the event.

To register please visit
www.healesvillecore.org.au

FREE LIGHT REFRESHMENTS
will be available at each event

SATURDAY

08
AUG

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

Online registration required

Making Our Homes More Comfortable While Saving Money and the Environment

"No solar? No problem."

Most homes and work places in Australia are not well designed for our harsh climate and so tend to get blisteringly hot in summer and freezing cold in winter. This, combined with substantial increases in national energy prices recently, means it can cost a small fortune to heat or cool your home or business just to maintain comfortable living conditions.

This workshop will detail a series of simple, cost effective steps you can use to become more energy efficient in your home or at work. We will be focusing on pragmatic, needs based solutions aimed at reducing your personal energy consumption. We will discuss the tips and techniques that will have the greatest impact on your energy costs, look at a range of methods you can use to stay comfortable during the cooler and warmer months, and talk about the positive effect increasing our energy efficiency has on the environment.

Guest Speakers:

• *Alan Pears OA* - 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. He has written widely across the media spectrum and is a published academic. Alan was made a Member of the Order of Australia in 2009 for his contribution to environmental and energy policy.

• *Glen Newman* - home energy efficiency expert from Enviroshop specialising in solutions for renters and home owners. Includes a 10% discount on all Enviroshop products featured at this event.

MONDAY

12
OCT

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

Online registration required

Healesville Net Zero Town: Achievements and Future Plans

"The journey is just beginning"

Please join us for our major 2020 celebration event.

A summary of our achievements for the year, and a look forward to the exciting developments in store for 2021.

Please keep an eye on our website for more information about this 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.

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 post code, 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, volunteer, donate, or apply for a membership, please visit our website at **www.healesvillecore.org.au** or email us at **contact@healesvillecore.org.au**

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Healesville CoRE is proudly supported by Yarra Ranges Council:

Yarra Ranges Council

Essential support also from:

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