



## MEET EVE

Eve is a first-of-its-kind community energy sharing network for WA that will harness renewable energy to help residents save on their electricity bills.

## KEY INFORMATION

PROJECT	Eglinton Village
LOCATION	Eglinton, Western Australia
PRODUCT	Masterplan residential development
SIZE	1200+ lots
LAUNCH	February 2023
ENERGY PROVIDER	Zenith Energy

## PROJECT SUMMARY

For more than 35 years, Cedar Woods has been creating vibrant communities with a focus on building for tomorrow and our longstanding commitment to environmental and social responsibility. We know that reducing both costs of living and environmental impact are increasingly important goals for our customers, and we strive to provide innovative solutions to meet these needs.

Through a partnership with leading independent power producer, Zenith Energy, Cedar Woods launched WA's first residential community energy sharing network at its Eglinton Village development, located in Perth's rapidly growing north-west corridor. This unique initiative, named Eve (Eglinton Village Energy, a Zenith Energy subsidiary), gives residents the opportunity to benefit from

long-term energy savings while reducing their carbon footprint.

Eve is a private embedded power network, similar to those in locations such as Perth Airport, Jandakot Airport, Peel Business Park and large shopping complexes. It gives households within Eglinton Village the option to communally store and share renewable energy to power their homes via rooftop solar panels and a community battery, without paying any upfront or ongoing costs.

According to Cedar Woods' WA State Manager Ben Rosser, the initiative is part of a wider vision to offer residents of the 1,200 lot master-planned community a little more from life.

"As well as enjoying an idyllic coastal lifestyle, the opportunity for

long-term energy savings through Eve is an exciting benefit for Eglinton Village residents," he said.

"Usually embracing a sustainable lifestyle would come at a monetary cost however with Eve there is only upside for homeowners that choose to participate in the initiative.

"Local household electricity prices have increased 14% since 2016 and this trend is expected to continue – having access to more affordable energy will relieve significant cost pressures for residents and help them future-proof against rising living costs.

"At Cedar Woods we are committed to planning for tomorrow and delivering long-term environmental and social benefits through initiatives like this, which is well aligned to our broader ESG strategy."

## KEY FEATURES

Eve involves the installation of rooftop solar PV on participating residents' homes by Zenith Energy, as well as a community battery for storing the solar energy, which they can then draw on to power their homes. This provides residents with a cost-efficient source of energy, supplementary to the existing South-West Interconnected System (SWIS) network.

As household electricity prices continue to increase, having access

to more affordable energy is one way to relieve ongoing cost pressures for residents. Through Eve, participating Eglinton Village residents will pay 20 per cent less for their electricity use than standard consumption charges.

The average household uses around 17kWh of electricity per day, costing approximately \$5.10. Based on average consumption, Eve can give residents annual savings on their electricity bills of approximately \$372\*, while also removing the cost barrier of installing solar PV systems. The

ongoing maintenance is also taken care of, a cost that can add up quickly in a coastal suburb like Eglinton.

This initiative adds to the strong buyer appeal of the popular Eglinton Village, which has achieved strong interest and sales. Located 45 minutes north-west of Perth's CBD, the community is situated just 500 metres from the future Eglinton train station, is a convenient three-minute drive from the beach, and is nearby shopping centres, schools and other amenities.



## HARNESSING THE SUN'S POWER

On average, renewable energy sources account for more than a third of Australia's electricity generation and this is growing rapidly, with a particularly strong uptake of rooftop solar in Perth, which enjoys around 3,200 hours of sunlight a year.

While embracing renewable energy is a necessary part of achieving decarbonisation targets, it is not easily accessible to all households. For many, the costs involved in installing rooftop solar is a barrier and the significant investment required for battery storage is even further out of reach.

Distributed Energy Resources (DER) initiatives – including community energy sharing – helps to address these barriers and have a pivotal role to play in a wider decarbonisation journey. Embedded networks like Eve work by enabling a group of electricity

users to generate, store and share energy, lowering costs for all customers and reducing emissions.

Eve will give participating residents the ability to reduce their carbon footprint, with at least 50 per cent of their home energy use coming from renewable solar energy.

Residents can also choose to upgrade their home to three-phase power connection, supporting a shift towards electrification of their homes. This will enable them to further leverage the renewable energy generated from Eve and reduce their reliance on other energy sources, incorporating items in their homes such as fast electric vehicle chargers and induction cooktops.

As the way we use energy is evolving rapidly, forward-thinking initiatives like Eve at Eglinton Village set a standard for future sustainable developments to deliver long-term environmental and social benefits.

*Disclaimer: \*Should you choose to participate, savings are calculated on consumption. Based on an average household, 20 per cent approximately equates to \$372 savings per annum. There will be no added costs related to the solar panel installation or ongoing maintenance. Solar panels will be owned by the network owner and operator. Eve (Eglinton Village Energy, a Zenith Energy subsidiary) is based on Gross Metering. Terms and conditions of participation available on application.*