

COLLGAR
WIND FARM

www.collgar.com.au

Who are we?

The largest wind farm in Western Australia, and the first project of Collgar Renewables, Collgar Wind Farm consists of 111 wind turbines and is a very successful 222MW renewable energy project located 25km south-east of Merredin in Western Australia.

Collgar is wholly owned by the Retail Employees Superannuation Trust (Rest). Rest is one of the largest profit-to-member superannuation funds in Australia by membership, with around 1.9 million members and around \$70 billion in funds under management (as at 31 December 2022).

The aim of the project was to develop an environmentally and economically sound wind farm that provides renewable energy to be used locally, and exported to WA's South West Interconnected System (SWIS).

The project location was selected for its unique topography, world class wind resource, favourable community rapport and proximity to the power grid.

What do we do?

Collgar generates and delivers electricity into the SWIS each year, thereby making a major contribution to Western Australia's greenhouse gas reductions.

Wind Power provides a natural, renewable source of energy and is playing an increasing role in reducing global greenhouse gas emissions. In fact, wind energy has become the world's fastest growing energy source with currently more than 10,000MW of capacity being installed globally every year.



What are the environmental benefits?

As a leading-edge wind farm, Collgar provides a significant amount of renewable energy for Western Australia, which has a number of environmental benefits.

Generating energy from the wind provides a very low emissions alternative to traditional coal and gas-powered generation. By replacing electricity generated from other sources such as fossil fuel power stations, wind energy leads to a significant reduction in carbon emissions. It is a renewable energy source, which does not release any pollution or produce any waste during operation.

What are the community benefits?

Collgar produces major economic benefits for Merredin and its surrounding regions. During the construction phase, Collgar employed up to 150 people over a period of two years, which had a large spin-off for local services.

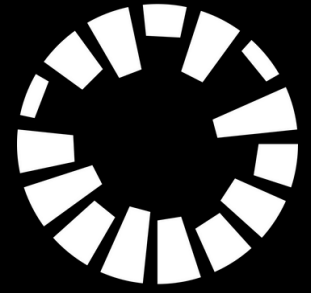
Collgar provides ongoing employment for a team of 10-20 locally based staff.

Collgar is proud that it has provided **over \$1.3 million dollars** to local projects and community groups since its inception in 2012.

The ongoing financial boost during the life of the project is seen through land rent payments and the funding and sponsorship of community projects through the Collgar Community Fund.

To read more please visit: www.collgar.com.au/communities





G R E S B

★★★★★ 2022

Collgar is proud to be recognised as a leader in Environmental, Social and Governance (ESG) management and performance for the second year in a row. It has been named Sector Leader for Renewable Power, and ranked 13th out of 649 global infrastructure participants in GRESB's 2022 sustainability benchmark assessment.

Collgar Wind Farm Facts

Project Size

222 megawatts

Number of turbines

111 turbines

Turbine type

Vestas V90 2.0MW turbines

Operation commenced

October 2011

Annual Average Energy Production

630GWh to 750GWh producing enough electricity to power up to 150,000 homes

Expected operating life

30 years

Contractor

Vestas Australian Wind Technology Pty Ltd

Size of farm

The site is located on 18,000 hectares of land located 25km south east of Merredin in Western Australia

Cost of Project

The wind farm is a \$750 million project

Turbine Measurements

- Tower height: 80m
- Blade length: 44m
- Blade height to tip: 125m
- Blade weight: 6,700kg
- Nacelle weight: 70 metric tonnes



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