

# Tilt Renewables

Company Newsletter February 2022

## A LOOK BACK AT 2021

There were big and exciting changes for Tilt Renewables Limited (Tilt Renewables) last year. On 3 August 2021, our New Zealand incorporated subsidiaries were acquired by Mercury Wind Limited and 100% of the shares in Tilt Renewables were acquired by Powering Australian Renewables (**PowAR**), an established Australian owned, clean energy business. While this change in ownership saw us part ways with the New Zealand side of our business, we remain as Tilt Renewables and will continue operating under the Tilt Renewables brand.

The change of owners has not altered the focus of the team, our approach to stakeholders or the way we act as a long-term member of our host communities. It's *full Tilt ahead* with a continued focus on our developments, which last year included the financial close and commencement of construction at Rye Park Wind Farm in NSW, and progressing our modification application at Liverpool Range Wind Farm, also in NSW. We are looking forward to a busy 2022 with these two key projects and the rest of our development pipeline!

## Who is PowAR?

PowAR is a co-investment between QIC, the Future Fund and AGL Energy Ltd, and was formed in 2016 to drive investment in renewable energy as a pathway to a clean energy future. An already established clean energy business, PowAR's objective is to be a leading investor in, and owner of, large-scale renewable generation in Australia and, in doing so, to support Australia's transition to a clean energy economy.

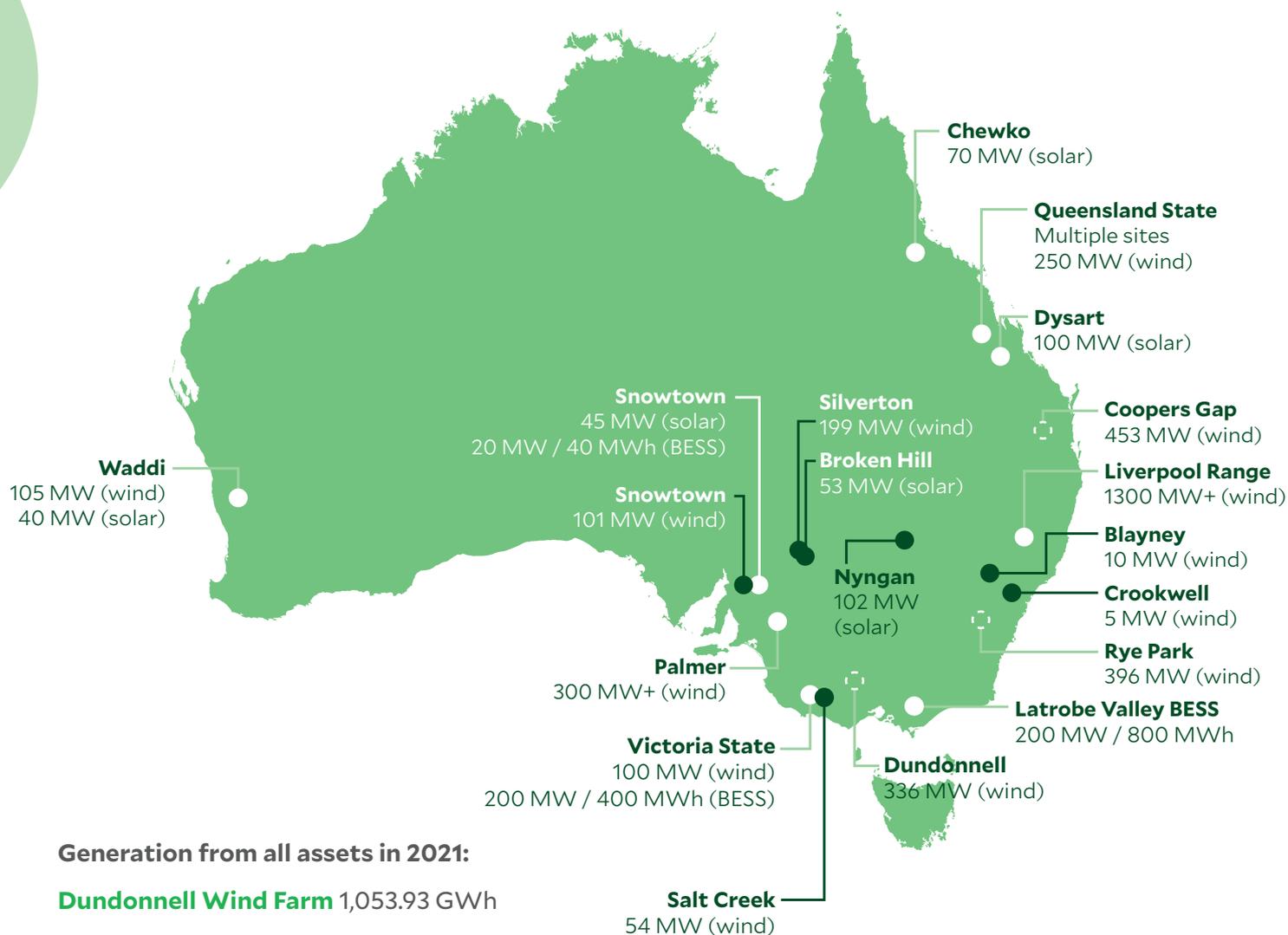
With the acquisition of Tilt Renewables, PowAR considers the businesses are all Tilting towards the same future, playing a leading role in the energy transition.

The merged business, trading as Tilt Renewables, currently owns and operates more than 1,313 MW of renewable generation capacity, with seven operating wind and solar farms, two wind farms in the final stages of commissioning (Dundonnell and Coopers Gap) and one wind farm under construction (Rye Park). This makes us the largest owner of wind and solar generation in Australia – and the largest renewable energy generator after Snowy Hydro and Hydro Tasmania.



**Powering  
Australian  
Renewables**

# TILT RENEWABLES PROJECTS



## Generation from all assets in 2021:

- Dundonnell Wind Farm** 1,053.93 GWh
- Snowtown Wind Farm** 298.12 GWh
- Salt Creek Wind Farm** 152.61 GWh
- Silverton Wind Farm** 706.83 GWh
- Coopers Gap Wind Farm** 1,306.88 GWh
- Broken Hill Solar Farm** 105.95 GWh
- Nyngan Solar Farm** 207.99 GWh
- Blayney Wind Farm** 18.20 GWh
- Crookwell Wind Farm** 8.69 GWh

**Legend**

- Operating (422 MW)
- Under construction (1,185 MW)
- Under development (2,730 MW+)



## OPERATING ASSETS

### 2021 GENERATION IN REVIEW

**With all our assets combined, the total generation for 2021 was 3,859.19 GWh. That is the equivalent of powering 494,000 households. A total of 3,213,000 tonnes of CO<sub>2</sub>-e were NOT emitted, which is the equivalent of removing 1,001,000 cars from the road.**

Of note, major construction activities at the **Dundonnell Wind Farm** in Victoria were successfully completed on time and within the allocated budget. The project is in its final stages of commissioning tests. The next step is Hold Point 4 testing, which validates the ability of the wind farm to operate at 336 MW as per the GPS (Generator Performance Standard) and grid connection modelling.

Similarly, **Coopers Gap Wind Farm** is close to final completion and, once fully operational in early 2022, will be our largest operational wind farm at 453 MW.

## UNDER CONSTRUCTION

Construction of our priority project, **Rye Park Wind Farm**, the largest ever to be built in NSW, officially commenced on 1 December 2021. The 396 MW wind farm will create an estimated 250 direct jobs during the construction phase and up to 10 ongoing regional jobs during its operational life, with opportunities for local workers. When fully commissioned in 2024, Rye Park Wind Farm will be the largest operating wind farm in NSW.

### STAY IN TOUCH

To keep across this project as it progresses, or any of our other projects, subscribe to receive the newsletter and construction updates by hovering over the QR provided or head to [www.ryeparkwf.com.au](http://www.ryeparkwf.com.au)



Photo: Site entry works at Rye Park Wind Farm, NSW

## IN DEVELOPMENT

The **Liverpool Range Wind Farm** in the Central West and Orana region of NSW received planning approval in 2018 for up to 267 turbines. Since then, there have been advancements in wind turbine technology and the latest turbines, while larger, are more efficient, meaning the project could be built with fewer turbines while powering more homes with clean energy.

Consultation sessions on the proposed modifications were conducted during October last year to gather and understand as much feedback on the changes as possible. We will use the feedback to inform the modification application that is submitted to the Department of Planning, Industry and Environment, which we are working towards submitting shortly. This is a priority project for the business and one that will help the NSW Government to deliver a 50 percent cut in emissions below 2005 levels by 2030.

Another key project for the business is the **Waddi Wind Farm & Solar Farm** located in Western Australia near Dandaragan. Before the end of 2021 we issued the Balance of Plant (BoP) tender for the project. Site surveys were undertaken early this year (2022) to inform the geotechnical conditions of the site and to identify and dispose of any unexploded ordinance. We will also soon have our BoP tenderers visit the site to inform the final design of the wind farm as we work towards financial close within the next 12 months or so. Work on the **Palmer Wind Farm** site in South Australia (proposed 300 MW+) will continue this year with updated assessments and a review of the permit conditions. The design of the wind farm will be updated to take advantage of recent improvements in wind energy technology that enable significantly more renewable energy production to be achieved with fewer, larger wind turbines. This process will continue throughout this year informed by updated assessments and ongoing discussions with landowners.

Our first battery project in Victoria, the **Latrobe Valley BESS** (proposed 203 MW) received planning approval from the Minister for Planning on 16 November 2021. We are now progressing the detailed design of the project and have commenced a formal procurement process to inform the selection of a preferred BESS supplier.

We also continue to explore greenfield sites throughout Australia and look forward to announcing new projects in the coming year.



Photo: Consultation on the Liverpool Range Wind Farm proposed modifications, in Coolah NSW

## Community Update

We are committed to being a positive community member and are proud of our record for providing support to local communities that makes a real difference. Our ‘Lend a Hand’ Funds provide support for schools, charities, clubs, individuals and local community projects that demonstrate a benefit to the broader community.

While 2021 saw another year of being ‘locked down’ for a lot of the country, we continued to support our communities through our benefit sharing programs. In addition, some community groups were unable to fundraise throughout both 2020-21 so we were able to step in with additional sponsorship support where appropriate.

Some (not all!) highlights from 2021 community investment initiatives include:

- Launch of the **Dundonnell Wind Farm Community Fund**, which funded 12 community projects in Round 1 and 11 projects in Round 2.
- Launch of the **Dundonnell Wind Farm Education Fund**, which awarded \$15,000 in funding to the Derrinallum College playground redevelopment project.
- The **Salt Creek Wind Farm Lend a Hand Fund** continued its third year operating in the community and last year collaborated with the DDWF Community Fund to deliberate on the best spread of funding.
- The 2021 recipient of the **Salt Creek Wind Farm Scholarship** was announced in March to laureate Angus Campbell, a former Year 12 Captain of Monivae College, Western Victoria. The scholarship will pay for Angus’ residential fees over the next 3 years while he pursues a Bachelor of Architectural design at Deakin University.
- As part of the **Benefit Sharing Plan for the Dundonnell Wind Farm**, we sponsor the training of three students each year, and will do so for ten years, to complete Global Wind Organisation Certified – Basic Technical Training. Offered by Federation University, the program will increase the pool of qualified staff available for work during construction and operation in the renewable energy (wind) industry.
- On 30 June 2021 we attended a sod turning event at Federation University’s Mt Helen campus to mark the start of construction and to launch a new short course for tradespeople to retrain to work in the wind industry. The **Asia Pacific Renewable Energy Training Centre (APRETC)** – a partnership between Federation TAFE and the renewable energy industry – will involve the erection of a new wind turbine training tower, a classroom, workshop and training equipment to deliver specialised training courses, such as wind turbine safety, maintenance and blade repair. We are proud to have contributed to the \$1.8 million project, which is also funded by Vestas, ACCIONA and GPG.
- The **Snowtown Wind Farm Lend a Hand Fund** continued its sixth year running. After two years of limited travel opportunities due to COVID-19, we were lucky enough to end the year catching up with the Committee in Clare, SA over dinner at the Sevenhill Hotel.
- Flood relief support for the Coolah and Cassilis region surrounding the **Liverpool Range Wind Farm** project, which was hit by floods toward the end of 2021.

Left photo: Angus Campbell recipient of 2021 Salt Creek Wind Farm Scholarship.

Right photo: Benefit Sharing Plan for Dundonnell Wind Farm which sponsors 3 students per year in their training.





A word from one of the Graduates of the GWO courses at Federation University, **Jack Patton**:

“ Since completing the GWO Basic Technical Training course, I have gained full time employment as a wind turbine technician. The course was the ideal steppingstone to finding employment within the wind industry, and I cannot thank TAFE and the team at Tilt Renewables enough for the opportunity.

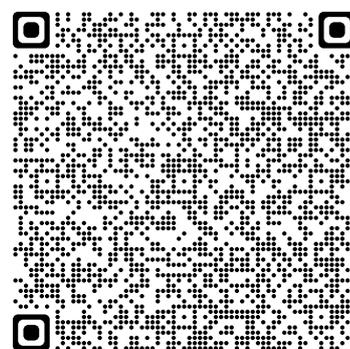
*The week-long course was well organised, enabling me to get a good understanding of what was required to become a wind turbine technician and prepare myself for my new career ahead.*

*This is a photo of me, working on top of a Senvion MM92 Turbine  
- Loving my new job!*

To learn more about the program, head to: [www.study.federation.edu.au/course/DWIN](http://www.study.federation.edu.au/course/DWIN)

## SIGN UP & STAY INFORMED

If you haven't already, please subscribe to the Tilt Renewables project newsletters to ensure you receive all updates and information. Subscribe to receive the newsletter by email or post, by contacting us at: [info@tiltrenewables.com](mailto:info@tiltrenewables.com)



### Contact us:

For more information on any of our projects or about Tilt Renewables please get in touch:

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