

LINCOLN GAP WIND FARM

PROJECT UPDATE

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Stage 1 wind turbine generators

First wind turbine generators in operation!

The Lincoln Gap Wind Farm has reached a significant milestone. In April 2019 the first of the 35 wind turbine generators (WTGs) from Stage 1 of the wind farm was commissioned and started generating clean and green energy.

In May 2019 a second crane arrived on site to accelerate the rate of WTG installation. This is a tower crane versus the most commonly used mobile cranes. Tower cranes are typically associated with large construction sites, but globally are used in the wind industry to facilitate the building of taller WTGs, as their design and construction gets taller. Lincoln Gap Wind Farm is the first to employ this type of crane in Australia.

Twenty-one WTGs have now been installed and are ready for commissioning – eight of these are available for generation. And the remaining fourteen WTGs of Stage 1 have been installed to half their height.

The electrical substation, transmission lines and interconnecting switchyard to the South Australian electricity grid were all completed and commissioned in March 2019 in readiness for the energy generated from the wind farm. These are now in normal operation.

Nexif, the wind farm's owner and developer, and Servion Australia have successfully worked together through some recent difficult financial times for Servion. Lincoln Gap Wind Farm (Nexif) have ensured that all subcontractors and suppliers are impacted as little as possible, and with their support this has provided a positive outcome for all and for the progress of the project.

Overall, the project continues to advance well employing and using local resources and suppliers and is contributing to renewable generation and minimising greenhouse gases for South Australia.

v Tower crane being built and installing wind turbines



The Lincoln Gap Wind Farm will...

EMPLOY
130-170

DURING CONSTRUCTION
100 CURRENTLY
EMPLOYED



BUILD
59

TURBINES



35

TURBINES
SOON
COMPLETE
(STAGE 1)



PROVIDE
\$50,000

IN SPONSORSHIP
TO SUPPORT
THE LOCAL
COMMUNITY



GENERATE
800GWh

ENERGY
EACH YEAR



GRID SCALE
BATTERY STORAGE
10MW

(10MWh)



POWER
155,000

HOMES PER YEAR



OFFSET
600,000

TONNES OF CO2
EACH YEAR



Stage 2 of the Lincoln Gap Windfarm

Work has commenced on Stage 2 of the wind farm which will include another 24 wind turbine generators.

At the end of April 2019, thorough investigations of the Stage 2 site were completed for the presence of any Unexploded Ordnances (UXO) remaining from when the site was used by the Australian forces for military training and exercises. The work was carried out by ex military personnel who specialise in this work. The site has been declared clear and safe.



^ Stage 2 site area

Battery Energy Storage System

The Lincoln Gap windfarm includes a 10MW battery facility that will enable the storage of energy generated by the wind farm for distribution to the state's energy grid as required

Construction of the battery facility reached substantial completion at the end of May 2019. Construction included civil works and the installation of the battery containers, inverters, transformers and HVAC system. The battery facility will now be commissioned, and testing undertaken.

< Battery Energy Storage System construction



Sponsorship Program

Nexif is excited to announce the successful recipients of funding through its Lincoln Gap Wind Farm Sponsorship program.

In December 2018 the program announced that a total of \$50,000 sponsorship funding was available to support activities in the Port Augusta region that would address a community or environment need.

Nexif were encouraged by the number of applications received and would like to thank all those organisations who took the time to apply.

Nexif would like to congratulate the West Augusta Football Club, Country and Outback Health (Headspace Port Augusta), the Stirling North Country Fire Service and Umeewarra Aboriginal Radio whose applications for funding were successful.

(left to right) West Augusta Football Club, Headspace Port Augusta, Stirling North Country Fire Service, Umeewarra Aboriginal Radio

West Augusta Football Club

To install energy efficient refrigeration and solar panels to reduce energy consumption costs. The money saved will be put back into supporting junior sport at the club.

Country & Outback Health (Headspace Port Augusta)

To provide fortnightly GP clinics for young people at the headspace Port Augusta centre.

Stirling North Country Fire Service

To provide volunteers with quality, light weight additional resources for assisting with quick access to casualties and fire at emergency incidents.

Umeewarra Aboriginal Radio

To produce a five-part radio podcast series on climate change and the current transition to renewables industries in the region.



Next Steps

Excitingly, the next few months will see the completion of Stage 1 of the Lincoln Gap Windfarm. All its 35 wind turbine generators will be installed and commissioned with the ability to generate 126MW of renewable energy.

Works on Stage 2 of the Lincoln Gap Windfarm are planned to begin, including the construction of roads and the foundations and hardstands for a further 24 wind turbine generators.

The Lincoln Gap Wind Farm project, including 59 wind turbine generators, and 10 MW battery, with a total of 800GWh of renewable energy generation per year, is on track for the completion in 2020.

Wind turbine generator tower base construction

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More Information

For more information please visit the Lincoln Gap Wind Farm website or send us an email.



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www.lincolngapwindfarm.com.au

Lincoln Gap Wind Farm, South Australia

