

Sandy Ridge Celebrates Clean Green Energy Milestone

This bolsters Tellus' growing reputation as an innovator and leading environmental services provider focused on cleaning up Australia of hazardous waste.

Tellus' Sandy Ridge Facility achieved an industry first this week with micro grid developer Hybrid Systems Australia (Hybrid Systems) certifying the Facility as being 100% powered by renewable energy during daytime operations.

This news bolsters Tellus' growing reputation as an innovator and leading environmental services provider focused on cleaning up Australia of hazardous waste. This milestone is the result of a 15-year power purchase agreement signed between Tellus and Hybrid Systems in late 2019. The achievement is believed to be a first for remote mining operations in Australia.

Chief Development Officer, Steve Hosking, said the news provides further evidence of Tellus' leadership in environmental sustainability and innovation.



“Tellus is proud to be a part of yet another innovative solution that is good for our communities and the environment. Our agreement with Hybrid Systems provides Tellus with long-term certainty for renewable power supply, reducing the reliance on diesel fuel and significantly reducing unit costs,” he said.

The system at Sandy Ridge combines a 2MW diesel power station, 1.2MW of solar and a 350kWh Samsung lithium-ion battery, with an ABB inverter delivering a microgrid that can power the entire facility “hydrocarbon free” during daylight hours.

Hybrid Systems' Executive Director Mike Hall said, “Running 100% solar for the majority of sunlight hours every day is an Australian first for a remote processing facility as far as we know. Inherently there's usually a back-up generator running no matter what level of renewables penetration there is on a site. It's a milestone we've achieved thanks to a lot of in-house innovation producing a very smart microgrid control system.”

The Sandy Ridge system and energy management software was developed by Hybrid Systems in-house and delivered locally in Western Australia. Only the solar panels, battery and inverter were outsourced.

Tellus CEO Nate Smith said the partnership with Hybrid Systems was strongly aligned to its core purpose.

“We are committed to cleaning up Australia of hazardous waste and to achieving that while reducing our environmental impact. Accordingly, in developing Sandy Ridge we prioritised renewables as a power source and are

proud of this achievement and our successful partnership with Hybrid Systems. Our team will continue to find ways to improve sustainability, particularly with our renewed focus on the circular economy”, Tellus’ CEO, Nate Smith said.

About Tellus Holdings Ltd

Tellus is an innovative environmental services business focused on cleaning up Australia of hazardous waste. We do this by operating and developing a portfolio of geological repositories and reinvesting in our communities through the circular economy.

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