



Hybrid Renewable Microgrids

Geoff Hobley, General Manager Remote Energy July 2024 SEN Presents

83 power & renewable gas

>600 employees globally





Supporting customers' sustainable energy journey

Carbon abatement drivers







Coober Pedy Hybrid Renewable Power Station

South Australia, Australia

The longest continuous period the site has operated on 100% renewables is 97 hours

Customer District Council of Coober Pedy

9.3MW

total generating capacity



~75% of electricity supplied to Coober Pedy has been from renewable sources







Agnew Hybrid Renewable Microgrid Western Australia

Customer



"Using renewable energies introduces a new risk profile to power supply, and power supply is key to gold production. "EDL has the operational capability, were competitive in the market for the project and also had the reputation and demonstrated hybrid renewable capability to mitigate those risks." - James Koerting, Energy Manager, Gold Fields













Jabiru Hybrid Renewable Power Station Northern Territory

"This is a big day for Jabiru... the town is no longer dependent on power generated at the closed mine."

- Ruth Gamarrawu, Gundjeihmi Aboriginal Corporation chairwoman

Supports NT's renewable energy target 50% renewable energy by 2030







Thermal power 4.5MW diesel



Real-time hybrid data used in EDL's model Global Control Centre oversees the reliability of our sites 24/7







We're well on our way to achieving this, and it's happening faster than we expected

North American RNG

~AUD\$530M invested across five projects to date: Combined production capacity ~20TJ/day







Thank you

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