



MEDIA RELEASE

Perth WA: Monday, 26 June 2023

Pacific Energy to integrate 62MW of clean energy into Tropicana gold mine power station

Pacific Energy has been awarded the contract to integrate 62MW of clean energy into its existing 54MW gas fired power system at the Tropicana gold mine, 330 kilometres northeast of Kalgoorlie in remote Western Australia.

Tropicana is owned by AngloGold Ashanti Australia Ltd (70% and manager) and Regis Resources Ltd (30%).

The renewable expansion of the existing power system will be delivered under a 10-year build-own-operate agreement. When completed, the 116MW power station will be the largest off-grid hybrid investment in the power provider's portfolio, and, at time of contract, the largest off-grid gas-wind-solar-battery storage facility in the Australian resources sector.

The expansion will incorporate four 6MW wind turbines, a 24MW solar farm and a 14MW battery storage system (BESS). The integrated power facility's intelligent control system, which has been developed in-house by Pacific Energy, will optimise input from the high penetration renewable energy and storage technologies and allow the system to run hydrocarbons-free for extended periods of time.

Pacific Energy has designed the new system to support AngloGold Ashanti's strategy to reduce its global net carbon emissions from energy use by 30% by 2030, as part of its roadmap to net zero carbon emissions by 2050.

Overall, the renewables integration is expected to reduce Tropicana's diesel and gas consumption for power generation by 96% and 50% respectively, slashing carbon emissions by an average of 65,000 tonnes per annum over the life of the agreement.

"This is an excellent outcome for our long-time client, AngloGold Ashanti. We've been on the journey with them since 2012 and we are incredibly pleased to apply proven global technologies and our in-house expertise to help decarbonise their operations without losing power reliability or efficiency," said Pacific Energy Chief Executive, Jamie Cullen.

"To date, we are the only operator to successfully supply hydrocarbons free power to mine sites in Australia," Mr Cullen said.

"We expect our new system to reduce the mine site's overall power generation emissions by 50%. It's a really exciting prospect for us and AngloGold Ashanti, and one we've worked hard to achieve on our client's behalf."

Delivery of the project, which is slated to be Australia's most remote large-scale hybrid power system, will be coordinated by Pacific Energy's Remote Energy and Integrated Renewables divisions. The company will capitalise on its fully integrated capabilities by manufacturing the BESS, high-voltage switch room and PV ring main units in house at its WA-based facilities.

Pacific Energy is expected to begin site works in July this year, with the project due for completion in early 2025.

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Left to right (standing): Stephen Perkins (General Manager, Tropicana Gold Mine, AGAA), Nelius Janse van Rensburg (Project Manager, AGAA), Vicky Scobie (Manager, Energy and Decarbonisation, AGAA), Andries Swart (Vice President, Projects – Australia, AGAA), Matt Duxbury (General Manager Commercial, Pacific Energy), Neil Thompson (Manager, Asset Management, AGAA), Simon Roll (Division Manager – Major Projects, Pacific Energy), Grant Farquhar (Remote Energy Managing Director, Pacific Energy), Jamie Cullen (Chief Executive Officer, Pacific Energy)

Left to right (seated): Michael Erickson (Senior Vice President, Australia, AGAA), Cliff Lawrenson (Chairman of the Board, Pacific Energy)

About Pacific Energy

Pacific Energy is one of Australia's leading producers of sustainable distributed energy, owning and operating 48 power generation sites nationally, with contracted capacity of nearly 700MW.

The group boasts demonstrated experience and complete in-house capabilities to deliver renewable and traditional energy generation solutions, including solar, wind, green hydrogen, battery energy storage (BESS), hydro-electric, LNG and diesel.

In a fast-changing market, Pacific Energy provides customised solutions that minimise emissions and maximise efficiencies, leveraging the expertise and capabilities of its main operating divisions: Remote Energy, Integrated Renewables, Connected Energy and In-house Manufacturing.

Pacific Energy group is headquartered in Western Australia and has operations in Victoria, Queensland, South Australia and the Northern Territory. It is owned by QIC, a global diversified alternatives investment manager with more than A\$100 billion in funds under management.

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