



PACIFIC ENERGY

PRESS RELEASE

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PACIFIC ENERGY AND ILUKA RESOURCES IN WORLD-FIRST SOLAR/ETC INTEGRATION

Power generation specialist Pacific Energy Limited (“Pacific Energy”) is pleased to announce that its wholly owned KPS subsidiary has signed a contract to convert its 10MW diesel power station at Iluka Resources’ Jacinth Ambrosia mineral sands mine in South Australia to a hybrid facility.

The facility will also incorporate electric turbo compounding (“ETC”) technology, which allows generators to maintain the same power output using less fuel and producing lower CO₂ emissions.

The conversion and upgrade will have a meaningful impact on lowering emissions and fuel costs for Iluka.

KPS has operated the 10MW diesel power station at the Jacinth Ambrosia site since 2009. Under the new contract, which runs for an initial term of 7 years, KPS will:

- Install 3.5MW of solar power generation
- Integrate the solar array with the diesel power station
- Introduce ETC technology to each of the ten 1MW generators

ETC technology makes generators work more cleanly and effectively by recovering waste energy from the exhaust to improve power density and fuel efficiency.

Pacific Energy Chief Executive Jamie Cullen commented: “This is an exciting development for both Pacific Energy and Iluka Resources in what we believe is a world first – integrating solar and ETC technology with an existing fossil fuel facility. The reduction in diesel consumption and improvement in fuel efficiency is expected to save over 2 million litres of diesel and over 5½ thousand tonnes of CO₂ per year, every year, for at least the next seven years”.

Ends

Notes to Editors:

- **Pacific Energy** Ltd is based in the Perth industrial suburb of Landsdale, Western Australia and was acquired by QIC in December 2019. Brisbane-based QIC, formerly known as Queensland Investment Corporation, is a global diversified alternatives investment manager with over A\$85 billion in assets under management and over 1,000 staff. Further details at www.QIC.com.
- Pacific Energy owns and operates 40 power stations, with contracted capacity of more than 500MW, through the company’s **KPS** and **Contract Power** brands. They provide electricity safely and reliably to remote mines and townships, as well as the National Electricity Market (NEM), using multiple fuel technologies including gas, diesel, dual fuel, hydro and renewables.
- Specialist hybrid solutions such as Stand-Alone Power Systems, microgrids and battery energy storage systems are provided for Government utilities and private industry by Pacific Energy subsidiary **Hybrid Systems Australia**.

For media comment please call Pacific Energy CEO Jamie Cullen (Perth) on +61 8 9303-8888

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