



Media Release – 22nd March 2023

Energy360 - to supply behind the meter bioenergy systems to JBS Australia

Energy360 are building a bioenergy system for JBS Australia, the country's largest protein and food processing company, which will capture emissions from wastewater treatment and create a renewable gas system for their **Beef City, QLD and Scone, NSW sites**.

JBS Australia has pledged to achieve net-zero greenhouse gas emissions by 2040 throughout its operations and in partnership with its producers, suppliers, and customers. To assist in achieving this critical goal, JBS Australia has partnered with Energy360 on some projects to build a turnkey solution.

This involves replacing natural gas as its process heat source with renewable gas, capturing in site wastewater emissions.

JBS Australia's red meat processing sites have naturally occurring renewable gas (biogas). Energy360 will be providing custom designed bioenergy systems and installing covers on the in-situ wastewater treatment lagoons to capture the renewable gas generated and using it for process heat.

This renewable gas will displace natural gas and provide both sites with significant natural gas cost savings and Greenhouse Gas (GHG) abatement, which will assist in JBS Australia achieving its Net Zero goal.

Following the completion of Energy360's recent Front End Engineering Design (FEED) at both sites, the Bioenergy Systems will be delivered in the second half of 2023.

Both projects will eliminate over 60,000 tonnes of carbon dioxide annually whilst saving on over \$2 million of natural gas usage.

In addition to the renewable gas produced, Australian Carbon Credit Units (ACCUs) will also be generated by these projects.

The Bioenergy Systems will also help future proof the company against volatile natural gas price rises for the next 10 years and will deliver on the GHG savings demanded by the market, generating more than 100TJ of renewable gas annually.

Samantha Lamond, Head of Energy360 – “This is the first of what we expect will be many EPC contracts, where Energy360 will be the Principal Contractor in the installation of a turnkey, ‘behind the meter’ Biogas Delivery System.”

Sam Churchill, JBS Australia Group Manager Sustainability – “In Australia, JBS owns some of the largest and most technologically advanced production facilities located for best access to livestock. These bioenergy projects are just one way we are working toward meeting our net-zero goal by capturing wastewater emissions and switching to renewable energy sources in our facilities.”

About Energy360

Energy360 are Australia's leading biogas handling company.

Energy360 design, manufacture and operate bioenergy systems that generate energy from organic waste streams providing the gas handling systems, supply and installation of turnkey bioenergy systems which maximise renewable energy.

JBS Australia

JBS Australia, is the largest and most respected meat and food processor in Australia with more than 14,000 team members and a strong portfolio of leading beef, lamb, pork, salmon, and value-added branded products. JBS globally is the largest animal protein business and the second largest food company in the world, with operations in North America, South America, Europe, Australia, and New Zealand.

Media enquiries

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