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ASX:14D

GAS-TESS Update

1414 Degrees (ASX:14D) is pleased to report SA Water have advised the verification testing and witnessing by SA Power Networks (SAPN) of SA Water's Glenelg Wastewater Treatment Plant (Glenelg WWTP) as a generator has been successfully completed. The GAS-TESS operated successfully throughout this testing to provide SA Water and SAPN with all data required.

Three approvals are required before SA Water can participate as a generator in the National Electricity Market (NEM) from this site. SAPN's Network Connection Agreement and ESCOSA's Generating Licence have been completed, and a third, from the Office of the Technical Regulator, is in progress.

The Glenelg WWTP operators are now engaged in a 4-week process to test and refine functionality of the solar PV, reciprocating gas engines and GAS-TESS as an integrated generation site.

1414 Degrees has now received Development Approval from the West Torrens Council for the GAS-TESS. Previously the device operated as a pilot under SA Water permits.

As previously reported, although the GAS-TESS is operating well its performance is restricted by current technical limitations. 1414 Degrees' GAS-TESS team has been evaluating potential upgrades and operational scenarios to determine the most favourable financial returns. Promisingly, operating a variable biogas production facility with a combination of GAS-TESS and reciprocating gas engines, to form a hybrid power plant, is projected to maximise the economic return on investment in generating technology by increasing overall efficiency.

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ABOUT 1414 DEGREES LIMITED

1414 Degrees believes in a sustainable energy future, where energy is available to all, at all times. Its clean energy storage is set to reduce energy costs by increasing the efficiency of renewable generation and stabilising grid supply. The 1414 Degrees thermal energy storage system (TESS) is unlike any other energy storage system in the world.

1414 Degrees' technology stores energy generated from electricity or gas and supplies both heat and electricity in the proportions required by consumers. It is unique in its combination of low cost, flexibility of location, scalability, and sustainability. Following the successful development of its electrically charged TESS demonstrator, and commissioning of its pilot GAS-TESS at SA Water's Wastewater Treatment Plant, the Company is progressing product development and commercialisation.

For more information please visit www.1414degrees.com.au