

Stellar Energy Begins Work on Turbine Inlet Air Chilling System for Bryan Texas Utilities' Dansby Power Plant

JACKSONVILLE, FL (February 5, 2013) – Stellar Energy, a global provider of energy solutions, will supply a turbine inlet air chilling (TIAC) system for the Bryan Texas Utilities Dansby Power Plant - Unit Three in Bryan, Texas. The project includes turnkey design, manufacturing, installation and commissioning for a 2,000 TR turbine inlet air chilling module on the plant's LM6000 aeroderivative turbine which will allow for an approximately 20-percent increase in power output for the plant during the heat of summer, when electricity usage is generally the highest. The fast-track project is slated for completion June 1, 2013.

This is the second time Stellar Energy has been tapped by Bryan Texas Utilities. Stellar Energy designed, fabricated and commissioned a 2,200 TR turbine inlet air chilling module for the Dansby Power Plant – Unit Two in 2003. "A repeat customer is an endorsement of our engineering quality, project management and commitment to the customer's objectives," said Kurt Peninger, Senior Vice President, Stellar Energy Americas. "Stellar Energy's turbine inlet air chilling solution enables us to provide more electricity and more reliable power when demand is at its highest in Texas – the summer," said Michael Hering, Bryan Texas Utilities. "Having worked with the Stellar Energy team previously, we trust in their ability to deliver a best-in-breed solution on time and on budget."

TIAC improves power producers' profitability by increasing a gas turbine's power output by up to 30 percent. By mechanically chilling the inlet air before it enters the compressor, TIAC gives the turbine a boost when it needs it most - in hot weather. In addition to increasing power output, TIAC improves the turbine's heat rate, increasing efficiency and lowering emissions.

Stellar Energy will fabricate the entire TIAC solution in its Jacksonville, Florida fabrication facility. Stellar Energy has designed, manufactured and installed TIAC systems on more than 95 gas turbines, delivering nearly 2,000 MW of capacity enhancement. The company also has more than 850,000 tons of refrigeration (TRs) of chilled-water plant experience.

About Stellar Energy

Stellar Energy's innovative energy plant solutions deliver cleaner, sustainable, cost-effective and more efficient energy. The company is a global leader in the design, fabrication, installation and operations of a range of energy solutions, including turbine inlet air chilling (TIAC) systems, district cooling plants, modular utility plants and field-erected utility plants. The company's experience spans more than 20 years and stretches across the globe, with offices in the United States, Asia, and the Middle East and North Africa (MENA) region. For more information, visit www.stellar-energy.net.

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