Press release

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Securing the Future of Power Supply for Northern Bangladesh

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- 150MW simple cycle power plant for Saidpur, Rangpur as part of the country's utility expansion in power generation
- Siemens Energy is supplying components that will aid the plant's optimal fuel usage in full and part load operation for long-term sustainability towards the direction of clean energy

A new energy future beckons for the developing northern region of Bangladesh thanks to a new 150MW simple cycle power plant to be built in Saidpur, Rangpur. Global energy technology company Siemens Energy is helping with this sustainable transition after winning the project during the retendering phase, which will see it supply components that will contribute to the optimal fuel usage in full and part load operation.

The components package includes one SGT5-2000E gas turbine, one SGen5-100A-2P generator and a long-term service agreement. This is Siemens Energy's first contract for large rotating equipment with customer Dongfang Electric International Corporation (DEC) from China and end user Bangladesh Power Development Board (BPDB). The BPDB and their regional affiliate companies in Bangladesh have placed 14 orders for core generation units by Siemens over the last 10 years, which comprises 12 gas turbines and two steam turbines.

This new plant shapes a significant part of the country's utility expansion in power generation, and towards the direction where higher efficiency and improved fuel usage are visible. Head of Siemens Generation New Projects for Siemens Energy Asia Pacific Hub, Andreas Pistauer explains the importance of winning the project at the retendering stage. "This project

will help Bangladesh provide more reliable and cleaner energy for its people while also optimizing its resources. It's also a win that will solidify Siemens Energy's positioning in increased installed basis for the market."

The operational flexibility of the SGT5-2000E, with its fast load and fast start-up capability, is designed to meet the most stringent requirements for optimal frequency stabilization. Therefore, in addition to electrification for the northern region, this plant is also expected to support international grid stabilization between Bangladesh and India.

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