GE’s high-performance Advanced Gas Path to increase power output at K-Electric’s Bin Qasim II plant in Pakistan

- Advanced Gas Path (AGP) solution to deliver industry-leading upgrade efficiency and power capacity to GE’s installed base of 9E gas turbines
- Agreement underlines commitment of GE Pakistan to support the country to meet its growing demand for electricity

Karachi, Pakistan; October 13, 2014: GE (NYSE: GE) announced the strengthening of its partnership with K-Electric (formerly Karachi Electric Supply Company Limited - KESC) in Pakistan to support the company’s Bin Qasim II Power Plant with its high-performance Advanced Gas Path (AGP) solution. This advanced upgrade technology will expand the efficiency and power output on the site’s 9E gas turbine assets.

Through a relationship that spans more than 25 years, GE has supplied K-Electric with a wide suite of advanced power generation technologies, including 9E gas turbines, LM6000 aeroderivative units and Jenbacher gas engines that offer fuel flexibility and increased efficiency. K-Electric also has a long term service agreement (LTSA) with GE for the LM6000 turbines and a material stream agreement (MTA) for the Jenbacher sites.

Through the new agreement, GE will install its AGP solution on three 9E gas turbines, which is expected to boost their output by 3.4 percent and increase their fuel efficiency by 1.7 percent. K-Electric has also extended its Contractual Service Agreement (CSA) with GE on the units through 2028.

The upgrades are scheduled to be completed in the first half of 2015 and will help the plant generate approximately 15 MW of additional electricity – enough to power almost 15,000 homes.

Nayyer Hussain, CEO of K-Electric, said: “Our key priority is to strengthen the operational efficiency of our flagship Bin Qasim II Power Plant, which has already set regional benchmarks in thermal efficiency. GE is our long-term partner, providing us with its advanced suite of technologies. This new AGP technology will both be a qualitative and quantitative jump for the plant, bringing more power to our grid and helping us maximize resource use efficiently. Such measures are aligned with our long-term goal to support the country in meeting its growing electricity requirements.”

Mohammed Mohaisen, CEO, GE Power Generation Products and Services Sales, Middle East and North Africa, said: “We are proud to partner with K-Electric to bring our latest technological advancements to Pakistan. The AGP solution is set apart by the seamless integration of hardware innovation, advanced software and data analytics to enable our customers to attain enhanced performance from existing assets. These upgrades will better position K-Electric to set new production milestones. We are committed to the flawless execution of this project.”

GE has been a long term partner to Pakistan in helping it meet growing energy requirements. In the 1960s, GE was among the first companies to install steam and gas turbines in Pakistan. Today, GE-built technologies generate more than 25 percent of Pakistan’s power and the company continues to play a vital role in the development of key energy and infrastructure projects in the country through
its advanced innovations and technologies in power & water, oil & gas, energy management, lighting, aviation, transportation and healthcare.

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