

Hong Kong, January 20, 2017

Siemens delivers power plant unit for combined cycle facility in Hong Kong

- **First power plant project from Hong Kong for the Black Point Power Station**
- **Market entry with first H-class gas turbine in Greater China**
- **Delivery of the 80th SGT-8000H unit worldwide**

Siemens received an order from Castle Peak Power Company Limited (CAPCO) for the delivery of a power block for a new combine cycle in its Black Point Power Station in Tuen Mun, northwest part of Hong Kong. This unit marks the first order for Siemens power plant components from Hong Kong in 20 years. CAPCO is a joint venture of China Southern Power Grid International Limited and CLP Power Hong Kong Limited (CLP Power). Scheduled to be in operation before 2020, the plant will have an installed total capacity of 550 megawatts (MW) to supply approximately 1,000,000 households with electricity per month. Siemens is delivering an H-class gas turbine to Greater China for the first time, and has now sold the total of 80 SGT-8000H units worldwide.

The total order for Siemens includes the delivery and commissioning of the power block, with a single-shaft configuration. The power block's core will consist of an SGT5-8000H gas turbine, an SST5-5000 steam turbine, a water-cooled SGen5-3000W generator manufactured in Germany as well as the SPPA-T3000 control system.

“We are pleased that this strategic success enables us to achieve a breakthrough in Hong Kong’s challenging energy market,” said Lothar Herrmann, CEO of Siemens Greater China. “With our high-efficiency power plant technology and our broad experience in constructing large-scale plants , we will make contribution to a sustainable energy future in Hong Kong joining hands with our our customer. As one

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of CAPCO's reliable partners, we will work closely with the customer in all project phases including commissioning to support our customer's ambitious objectives."

Currently, Hong Kong has a total installed capacity of about 12.6 gigawatts and uses primarily fossil fuels to generate electricity. Hong Kong's government set an objective to increase local gas generation to around 50% of the total fuel mix for electricity generation by 2020, while decreasing emissions and pollutant output from power generation sector. With its high efficiency, the Siemens H-class gas turbine offers the technological foundation to supply Hong Kong with energy in an efficient, resource-saving manner.

Combined cycle power plants that have an SGT-8000H installed achieve a high efficiency level above 60 percent and are characterized by short startup times and rapid load changes. The unit to be installed in Hong Kong represents the 80th H-class gas turbine that Siemens has sold worldwide; it has proven itself in daily power plant operations by amassing more than 300,000 operating hours. The SGT-8000H fleet has a reliability of more than 99 percent.



First order for H-class gas turbine in China

Siemens has sold a total of 80 H-class gas turbines worldwide to date and supplies its first SGT5-8000H to China to the Black Point Power Station in Hong Kong.

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Siemens is a global technology powerhouse that has stood for engineering excellence, innovation, quality, reliability and internationality for more than 165 years. The company is active in more than 200 countries, focusing on the areas of electrification, automation and digitalization. . One of the world's largest producers of energy-efficient, resource-saving technologies, Siemens is a leading supplier of efficient power generation and power transmission solutions and a pioneer in infrastructure solutions as well as automation, drive and software solutions for industry. The company is also a leading provider of medical imaging equipment – such as computed tomography and magnetic resonance imaging systems – and a leader in laboratory diagnostics as well as clinical IT. In fiscal 2016, which ended on September 30, 2016, Siemens generated revenue of €79.6 billion and net income of €5.6 billion. At the end of September 2016, the company had around 351,000 employees worldwide.

In 1911, Siemens opened its first sales office in Hong Kong. Since then, the company has committed to be a trusted technology partner and providing innovative solutions in Hong Kong & Macao. Siemens has provided integrated solutions for infrastructure development projects, including power substations for CLP Power in Hong Kong and CEM in Macao; signalling, main control and fixed communication systems for Shatin Central Link railway; traffic control and surveillance system for Liantang / Heung Yuen Wai Boundary Control Point and total building solutions for City of Dreams in Macao. The company also supplies cutting edge medical equipments to Hong Kong's private and public hospitals. Siemens ranked as the top ideal employer in Engineering & Manufacturing category among engineering students by Universum in 2014.