

Media Release

6 September 2021

CLP Signs MoU Agreement with GE to Collaborate on Advanced Decarbonisation Technologies for Gas-fired Power Generation

CLP Holdings (CLP) and GE (NYSE:GE) are pleased to announce that the companies have signed a memorandum of understanding (MoU) agreement to establish a new collaboration to jointly develop a decarbonisation roadmap for CLP's gas-fired power generation facilities in Hong Kong.

The two companies see a global momentum in the usage of lower-carbon or carbon-free fuels, including hydrogen, for gas-fired power plants. Under the MoU, CLP and GE will discuss and develop decarbonisation options for the generating units at CLP's Black Point Power Station (Black Point) in Hong Kong, which is powered by GE's 9F.03 heavy-duty gas turbines.

"The electricity sector contributes 65% of Hong Kong's greenhouse gas emissions and has a key role to play on the city's decarbonisation journey. CLP and GE have worked together seamlessly and productively for many years. Based on this foundation, I am very pleased to see that we are putting our experience and expertise together to build a decarbonisation roadmap for CLP's gas-fired assets in Hong Kong. Making use of low-carbon fuels such as hydrogen and latest technologies, I look forward to the collaboration delivering meaningful results for Hong Kong's goal of achieving carbon neutrality by 2050," said Mr Richard Lancaster, Chief Executive Officer of CLP.

"We are pleased to collaborate with CLP to develop a framework that will allow us to explore the feasibility of burning a variable blend of natural gas and hydrogen up to a possible of 100% hydrogen, ultimately supporting CLP's plan to reduce carbon emissions at Black Point," said Mr Ramesh Singaram, President & CEO of GE Gas Power Asia. "As the world continues to transition to renewable energy supported by dispatchable, highly efficient gas-fired power, lower-carbon fuels including hydrogen will be a catalyst for heavy duty gas turbine power generation to contribute to reducing carbon emissions and combatting climate change."

Black Point is one of the world's largest combined cycle gas-fired power stations with ten generating units (capacity: 3,825 megawatts) in operation and under construction. Eight of the units (capacity: 2,675 megawatts) are powered by GE. The power plant is a key asset for CLP in Hong Kong, where it serves 2.69 million customer accounts in a supply area that includes Kowloon, New Territories and most of the outlying islands.



Mr Richard Lancaster, CEO of CLP Holdings (second from left), Mr Martin O’Neil, Vice President of GE Gas Power (left on screen), Mr Ramesh Singaram, President & CEO of GE Gas Power Asia (right on screen), Mr Joseph Law, Chief Operating Officer of CLP Power (second from right), along with other CLP and GE executives discuss collaboration to explore Black Point Power Station’s hydrogen capability at a virtual kick-off meeting.



Black Point Power Station is one of the world’s largest combined cycle gas-fired power stations. Eight of its generating units are powered by GE.

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About CLP Group

The CLP Group is one of the largest investor-owned power businesses in Asia Pacific with investments spanning across Hong Kong, Mainland China, Australia, India, Southeast Asia and Taiwan. Hong Kong-listed CLP Holdings Limited is the holding company for the CLP Group, which has a diversified portfolio of generating assets that uses a wide range of fuels including coal, gas, nuclear and renewable sources.

In 2021, CLP celebrates the 120th anniversary of its founding in Hong Kong with a commitment to continue to move forward with the community based on a shared vision of a better tomorrow. Through CLP Power Hong Kong Limited, the Group operates a vertically-integrated electricity supply business that provides a highly-reliable supply of electricity to 80% of Hong Kong's population. In Mainland China, the CLP Group is the largest external independent power producer with a focus on low-carbon energy. In Australia, the Group's wholly-owned subsidiary EnergyAustralia is a leading integrated energy company providing gas and electricity services to households and businesses with 2.43 million customer accounts. CLP India, in which the Group owns 60%, is one of the country's biggest renewable energy producers with operations in power generation and transmission.

CLP Holdings is included in the Global Dow – a 150-stock index of the world's leading blue chip companies, the Dow Jones Sustainability Asia Pacific Index (DJSI Asia Pacific), the Dow Jones Sustainability Asia Pacific 40 Index (DJSI Asia Pacific 40), the Hang Seng Corporate Sustainability Index Series, and the FTSE4Good Index.

About GE Gas Power

GE Gas Power is a world leader in natural gas power technology, services, and solutions. Through relentless innovation and continuous partnership with our customers, we are providing more advanced, cleaner and efficient power that people depend on today and building the energy technologies of the future. With the world's largest installed base of gas turbines and more than 600 million operating hours across GE's installed fleet, we offer advanced technology and a level of experience that's unmatched in the industry to build, operate, and maintain leading gas power plants. For more information, please visit www.ge.com/power/gas and follow GE's gas power businesses on Twitter and LinkedIn.

For more information, visit the company's website at www.gepower.com. Follow GE Power on Twitter [@GE_Power](https://twitter.com/GE_Power) and on [LinkedIn](https://www.linkedin.com/company/ge-power) at GE Power.

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