

5 January 2023

CLPe Launches Hong Kong's First Cooling as a Service Project to Enhance Energy Efficiency of Shui On Centre

CLPe today announced that it has signed an agreement with Shui On Group for Hong Kong's first Cooling as a Service (CaaS) project. The new cooling system to be installed at Shui On Centre in Wan Chai will significantly enhance the energy efficiency of this Grade A office building.

Shui On Centre is a 34-storey Grade A office building with a total gross floor area of approximately 51,500 square metres. According to the Build-Operate-Transfer (BOT) agreement, CLPe will fund, design, construct, operate, and maintain three freshwater-cooled chillers with an artificial intelligence (AI) management system to provide air conditioning service at Shui On Centre. During the service period, CLPe will work closely with Shui On Group's listed subsidiary SOCAM Development Limited (SOCAM), who is currently the property management agent of Shui On Centre via Pacific Extend Property Management Limited, its wholly-owned subsidiary. Construction of the CaaS system is in progress and is expected to complete in the third quarter of 2023. Once completed, CLPe will receive a service fee for a period of 15 years.

The new freshwater-cooled chiller plant which is controlled by the AI management system PlantPRO will have a maximum capacity of 2,100 refrigeration tonnes. PlantPRO draws on machine learning technology to collect and analyse data from chiller plant, and makes real-time adjustments to provide the most energy efficient air conditioning service. The new chiller plant equipped with PlantPRO and building management system is expected to reduce electricity consumption by more than 30% compared with the existing seawater-cooled chiller plant, reducing 370 tonnes of carbon dioxide emissions a year.

SOCAM CEO Mr Freddy Lee said, "Throughout the Group's history, we have been committed to caring for the environment, preserving cultural heritage, and building and sustaining vibrant communities. We are pleased to partner with CLPe, a renowned energy and sustainability expert, who also shares our vision on sustainability. We trust that through the CaaS project at Shui On Centre, we would be able to provide a more sustainable built environment for the Group and for our tenants, and also supporting Hong Kong on its pathway to net-zero emissions."

CLPe Managing Director Mr Alex Keisser said, “CLPe is delighted to work with Shui On Group to launch the first CaaS project in Hong Kong and to create an energy efficient cooling system for Shui On Centre under this new business model. The project will be managed by CLPe, from design to operation and maintenance, to achieve the best possible energy saving and carbon reduction and allow Shui On Group to develop its business sustainably.”

About CLPe

CLPe is a wholly-owned subsidiary of CLP Holdings Limited. The company provides a one-stop shop for customers, integrating products and services into value-added solution packages to support customers in low-carbon and sustainable business development. As a trusted partner to deliver energy and infrastructure solutions in Hong Kong and Mainland China, CLPe delivers urban and industrial energy infrastructure in power, heating, cooling, e-transportation, and data centres to cities, comprehensive building energy management in cooling, solar energy, energy storage, EV charging, electrical and mechanical services, and smart solutions to commercial and industrial customers, and a platform of sustainable home products and services to mass market customers. For details, please visit www.clpesolutions.com

About Shui On Group

Shui On Group, founded in 1971 and headquartered in Shui On Centre in Hong Kong, is principally engaged in property development and construction with interests in Hong Kong and Mainland China. Sustainable development is an important cornerstone of our business.

SOCAM Development Limited, listed on the Hong Kong Stock Exchange in 1997 (Stock code: 983), is principally engaged in construction, property & related services businesses, with operations spanning Hong Kong, Macau and Mainland China.

Established in 2004 and listed on the Hong Kong Stock Exchange in October 2006, Shui On Land (Stock code: 272) is Shui On Group's flagship property company in Mainland China. Shui On Land is also one of the largest private commercial property owners and managers in Shanghai, with a total portfolio of 1.72 million square meters of office and retail premises, including its flagship Shanghai Xintiandi.

For details, please visit <https://www.shuion.com/eng/index.asp>

Photo Captions:

Photo 1



CLPe Deputy Managing Director Mr Ringo Ng (second left) and SOCAM CEO Mr Freddy Lee (second right) signed an agreement for Hong Kong's first Cooling as a Service (CaaS) project which will significantly enhance energy efficiency of Shui On Centre in Wan Chai. CLP Power Hong Kong Limited Chairman Mrs Betty Yuen (first left) and Executive Director of Shui On Land and Non-executive Director of SOCAM Ms Stephanie Lo (first right) witnessed the signing ceremony.

Photo 2



CLPe will fund, design, construct, operate, and maintain new freshwater-cooled chiller plant supported by the AI management system PlantPRO and building management system at Shui On Centre, reducing electricity consumption by more than 30% compared with the existing seawater-cooled chiller plant and reducing 370 tonnes of carbon dioxide emissions a year.

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