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## CLP Power Offers Advanced Retro-Commissioning Training to Help Businesses on Energy Saving and Decarbonisation

CLP Power Hong Kong Limited (CLP Power) has upgraded its popular **CLP Retro-Commissioning Charter Programme** (the Programme) to help businesses save energy and reduce carbon emissions. A new series of advanced training courses, funded by HK\$2 million from the **CLP Community Energy Saving Fund**, is being offered to commercial and industrial customers to deepen their understanding of retro-commissioning (RCx) and assist them in carrying out energy-saving improvement works that reduce carbon emissions from buildings and support Hong Kong's journey towards carbon neutrality.

RCx is a systematic and cost-effective energy management solution that allows customers to improve the energy efficiency of their premises by adjusting building management systems and the operation of equipment, avoiding the need for expensive equipment replacement. The investment cost is low, shortening the payback period while saving energy and reducing operating costs.

The Programme was launched in 2021 and has provided free RCx training courses to more than 300 energy management employees from nearly 100 businesses and organisations, covering property management, hotels, data centres and caterers. After completing their training, more than 70 businesses and organisations have begun or completed RCx works on more than 120 buildings. The works will collectively save an estimated 16 gigawatt hours (GWh) of electricity a year – equivalent to the annual energy consumption of around 3,600 CLP Power residential customers, and a reduction of around 6,200 tonnes of carbon emissions.

In response to market demand, CLP Power is now offering an advanced training course comprising classroom training and field visits for energy management employees and engineers who already have a basic understanding of RCx. The training covers advanced learning and techniques such as data analysis, system diagnosis, measurement and verification, further strengthening participants' RCx knowledge and skills while encouraging businesses to set energy-saving targets.

CLP Power Managing Director Mr T K Chiang said, “Businesses today attach great importance to environmental, social, and governance (ESG). While actively integrating sustainable development into their operations, acceleration of low-carbon transformation is an integral part. CLP Power provides free advanced training to better equip energy management professionals and help businesses apply RCx to improve the energy efficiency of their buildings in a cost-effective way. We will continue to support customers who want to save energy and reduce carbon emissions as part of our mission to help Hong Kong achieve carbon neutrality by 2050.”

One of the Programme’s participants – Cathay Pacific Catering Services (HK) Limited (CPCS) – carried out RCx works for the chillers in its Phase 1 production facility at Hong Kong International Airport following an in-depth analysis of the chillers’ operation data. CPCS optimised the system settings of its chillers according to the actual operational needs of the Phase 1 production facility, including chilled water temperatures and operational sequences, successfully reducing energy consumption and improving operational efficiency of the entire air-conditioning system. The works have enabled CPCS to save around 1.13 GWh of electricity a year and reduce carbon emissions by around 441 tonnes.

CPCS Chief Executive Officer Ms Liza Ng said the training course and on-site technical support from CLP Power allowed their engineers to identify energy-saving opportunities. “As the largest flight kitchen in Hong Kong, we are committed to taking measures to save energy and reduce carbon emissions. With the assistance of CLP Power, a cost-effective RCx project was carried out with remarkable energy savings in a short period of time. We also applied for the **CLP Eco Building Fund** to further enhance the energy efficiency of our production line and office air-conditioning system by equipping the chillers with variable frequency drives and replacing parts.”

CLP Power is committed to supporting customers in energy conservation and carbon reduction and has launched a wide range of programmes, including subsidy schemes like the free **Energy Audit Service**, the **CLP Eco Building Fund**, and the **Electrical Equipment Upgrade Scheme**, as well as the **Feed-in Tariff Scheme** and **Renewable Energy Certificates**. These initiatives drive businesses to adopt sustainable, innovative energy-saving solutions, and promote the development of local renewable energy, to support the Government’s long-term decarbonisation strategy.

#### **About CLP Power Hong Kong Limited**

CLP Power Hong Kong Limited (“CLP Power”) is the Hong Kong utility subsidiary wholly owned by CLP Holdings Limited, a company listed on the Hong Kong Stock Exchange and one of the largest investor-owned power businesses in Asia. CLP Power operates a vertically integrated electricity supply business in Hong Kong, and provides a highly reliable supply of electricity and excellent customer services to more than six million people in its supply area.

## Photo Captions:

Photo 1



CLP Retro-Commissioning Charter Programme participant – Cathay Pacific Catering Services (HK) Limited, carried out retro-commissioning works on its Phase 1 production facility at Hong Kong International Airport with remarkable energy savings by optimising the system settings of its chillers, saving around 1.13 gigawatt hours (GWh) of electricity a year and reducing carbon emissions by around 441 tonnes.

From Left to Right: CLP Power Deputy Director of Business Sales Mr Lo Kwok Yau, CLP Power Senior Director of Customer Success and Experience Ms Lena Low, Cathay Pacific Catering Services (HK) Limited Chief Executive Officer Ms Liza Ng and CLP Power Director of Customer Success and Sales Dr Lo Chi Wah.

Photo 2 & 3



CLP Power offers free advanced training course for businesses, comprising classroom training and field visits, to further strengthen business customers' RCx knowledge and skills of retro-commissioning and improve the energy efficiency of their premises in a cost-effective way.

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