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**New CLP Eco Building Fund Awards HK\$100 Million a Year
To Help 400 Buildings Save Energy**

CLP Power Hong Kong (CLP Power) today announces the details of an upgraded CLP Eco Building Fund that will award HK\$100 million a year to subsidise energy saving projects. The fund will support improvement works in the communal areas of around 400 residential blocks and commercial and industrial buildings a year and save an estimated 48 GWh of electricity – equivalent to the annual energy consumption of 11,000 households and approximately HK\$55 million in energy costs.

Buildings consume around 90% of the electricity used in Hong Kong. Improving the energy efficiency of buildings not only helps lower energy consumption but also combats climate change and reduces customers' energy costs. Under the new Scheme of Control Agreement with the Government, CLP Power has enhanced the existing Eco Building Fund by extending its scope to cover commercial and industrial buildings as well as residential buildings, and increasing its funding five-fold to HK\$100 million a year. The fund has also been expanded to cover retrofitting projects, retro-commissioning services and the implementation of smart technology in buildings.

CLP Power Managing Director Mr TK Chiang said, "CLP Power has always been supporting the Government's environmental policy, and we work tirelessly to reduce the environmental impact of electricity generation. CLP Power's emissions have reduced by around 90% since the 1990s, while demand for electricity has grown by more than 80% over the same period. We encourage customers to enhance energy efficiency by offering a variety of energy saving tools and solutions. We expect this fund will encourage building owners to do more to save energy and work towards a blue sky future for Hong Kong."

The CLP Eco Building Fund is now open for applications. Funding is expected to be approved for completed projects and reimbursed to applicants from October 2018 onwards. Subsidies for retrofitting projects will range from 10% to 50% of the project cost according to the type of building, the type of building services installation, and the project duration. The amount of subsidy for retro-commissioning services and the

implementation of smart technology in buildings will depend on the amount of energy saved and the project duration. Each unit of electricity saved is eligible for a subsidy of HK\$0.5 to HK\$0.7. The more energy the project will save and the sooner the project is completed, the greater the subsidy will be.

CLP Power Acting Director of Corporate Customer Experience Dr Anthony Lo said, “The extension of the scope of the fund to include retro-commissioning and the implementation of smart technology will help building owners identify more energy saving opportunities.” The addition of the two cost effective new solutions allows for energy saving to be achieved by adjusting building service installations such as the settings of air conditioning systems, Dr Lo explained. Users could also install smart sensors to remotely monitor, pre-set, and control the use of lighting and air conditioning to manage energy more effectively.

There are more than 20,000 buildings in CLP Power’s supply area. To encourage greater energy saving, CLP Power will strengthen communication with property management companies, owners’ corporations, industry chambers and associations, and lighting and air conditioning suppliers, drawing on their support to introduce the fund to building owners, member organisations and their customers, and encourage them to apply.

Details of the fund are available now on the CLP Power website at www.clp.com.hk/ecobuildingfund. A dedicated customer enquiry hotline has also been set up on 2678 0322.

CLP Power first launched the Eco Building Fund in 2014. Till March 2018, it has approved 145 applications covering around 430 residential buildings and awarded around HK\$64 million in subsidies, saving a total of around 19 GWh of electricity. Over 50% of applications are from single block building with an average building age over 40 years, which aligns with our plan to support energy efficiency improvement work for old and single block buildings.

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 6 million people in its supply area.

Photo captions:

Photo 1



Under the upgraded CLP Eco Building Fund, the implementation of smart technology and devices are eligible for funding. CLP Power Acting Director of Corporate Customer Experience Dr Anthony Lo shows examples of smart sensors, which can remotely monitor, pre-set, and control lighting and air conditioning systems in buildings, and help manage energy more effectively.

Photo 2



Cheong Shen Mansion in Kwai Chung received a CLP Eco Building Fund subsidy to replace its two lift motors. Chairman of Incorporated Owners' committee Mr Yip Wing said the work not only reduced electricity expenses, but provided a safer and more comfortable ride for residents. The committee is now considering applying to the fund again to replace the water pump and lighting.

- Ends -

Media Enquiry Hotline: (852) 7472 9248

Fact Sheet
New CLP Eco Building Fund

Background

- Buildings consume 90% of the electricity used in Hong Kong. Improving the energy efficiency of buildings not only helps reduce energy costs but also combats climate change and helps create a greener city.
- CLP Power is fully committed to the promotion of energy efficiency. In 2014, we launched the CLP Eco Building Fund to help eligible residential buildings carry out energy efficiency improvement works. Up to March 2018, the fund has approved 145 applications covering around 430 residential buildings, awarding around HK\$64 million in subsidies and saving electricity equivalent to the annual energy consumption of some 4,600 households.
- Under the new Scheme of Control Agreement (SCA), CLP Power will extend the scope of the existing CLP Eco Building Fund and cover commercial and industrial buildings as well as residential buildings.

Fund Allocation

- The newly launched CLP Eco Building Fund will have HK\$100 million to award each year.
- Grants will be allocated to residential, commercial and industrial buildings to carry out energy efficiency improvement works for communal areas, including retrofitting projects, retro-commissioning services, and the implementation of smart technology in building services. A greater share of the fund will be allocated to residential buildings and commercial and industrial buildings used by small and medium-sized businesses.
- The fund aims to subsidise 400 buildings a year, saving an annual 48 GWh.
- Subsidies for retrofitting projects will account for up to 50% of the expenditure of the works and will be awarded according to the type of building, the type of installation, and the project duration. The subsidy amount will be capped at a maximum of HK\$300,000 annually for each residential building and building used by small and medium-sized businesses, HK\$250,000 annually for each commercial and industrial building, or HK\$1,000,000 per application annually, whichever is lower.
- The amount of subsidy for retro-commissioning services and the implementation of smart technology in building services will depend on the amount of energy that will be saved and the project duration. The subsidy is calculated based on estimation of energy saving in a 12-month period. Each unit of electricity saved is eligible for a subsidy of HK\$0.5 to HK\$0.7, the subsidy will not exceed the total cost of the project. The more energy an application will save and the sooner the project will be completed, the greater the subsidy will be.
- Applications will be approved on a first come, first served basis.
- A vetting committee is set up, comprising representatives from different sectors of the community that have keen interest in energy efficiency, including Government

departments, engineering professionals, and representatives from green groups, non-government organisations, academic institutes, and district councils.

Beneficiaries

- Residential, commercial and industrial buildings in the CLP Power supply area.

Eligibility

- Residential, commercial and industrial buildings in the CLP Power supply area are eligible to apply. Government buildings, and estates that are more than 50% owned by the Hong Kong Housing Authority or Hong Kong Housing Society are not eligible.
- Organisations eligible to apply for grants from the fund include:
 - Owners' corporations registered under the Building Management Ordinance (Cap. 344)
 - Owners' organisations (e.g. Owners' committees)
 - Residents' organisations (e.g. Mutual aid committees)
 - Owners of commercial and industrial building with single ownership
 - An authorised property management company or a Qualified Service Provider (QSP)
- Energy efficiency improvement works for communal use which are eligible for funding include:
 - 1) Retrofitting projects: Building services installations including lighting, air-conditioning, lifts and escalators, and electrical installations (e.g. water pumps).
 - 2) Retro-commissioning services such as adjustments to the settings or controls of air-conditioning systems.
 - 3) Implementation of smart technology in building services, such as the installation of systems to monitor and control the operations of building services installations.
- Applicant organisations should engage a QSP to set out the project scope, prepare funding application documents, and monitor project implementation.
- Multiple applications are allowed. Improvement works must be completed no more than 24 months after approval.

Application Details

- Application procedures and forms are available on the CLP Power website (www.clp.com.hk/ecobuildingfund). The CLP Eco Building Fund is now open for applications. Funding will be expected to be approved for completed projects from October 2018 onwards. We are now working with Electrical and Mechanical Services Department on developing related assessment methodology and tool for retro-commissioning. Application will be opened later in 2018.
- Enquiry hotline: 2678 0322

Eligible Improvement Works in Communal Areas

1) Retrofitting Project



2) Retro-commissioning Service



3) Implementation of Smart Technology in Buildings



**New CLP Eco Building Fund
Successful Energy Saving Case**

- 1) Cheong Shen Mansion in Kwai Chung
- 45-year-old single-block residential building
 - Improvement works: Replaced two lift motors with a variable-voltage-variable-frequency (VVVF) control system
 - Subsidy amount: Around HK\$420,000
 - Energy saving: An estimated 8,000kWh of electricity (equivalent to 26% of energy consumption in communal areas) and approximately HK\$9,300 in annual electricity expenses



San Wai Court in Tuen Mun

- 28-year-old multiple-block housing estate
- Improvement works: Replaced 2,000 compact fluorescent lamps with LED lighting for lobbies and corridors in the estate's six blocks
- Subsidy amount: Around HK\$87,000
- Energy saving: An estimated 0.2 GWh of electricity (equivalent to 11% of energy consumption in communal area) and approximately HK\$230,000 in annual electricity expenses

