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CLP Power Helps Hong Kong Businesses Save 270 GWh of Electricity in Two Years

CLP Power Hong Kong Limited (CLP Power) has helped commercial and industrial customers save a total of 270 gigawatt hours (GWh) of electricity through a variety of schemes over the past two years – equivalent to the annual energy consumption of more than 60,000 households, and a reduction in carbon emissions of around 120,000 tonnes. The huge saving is equal to the carbon reduction impact of planting around 5 million trees. CLP Power will this year launch a new training scheme to enrich business customers' knowledge about energy efficiency.

While delivering a safe and reliable power supply to its customers, CLP Power also does its utmost to help customers save energy and reduce carbon emissions. As Hong Kong's business sector accounts for more than 70% of the city's total power consumption, helping commercial and industrial customers improve their energy efficiency can help the Government achieve its decarbonisation targets. Besides, the pandemic has had a severe impact on the Hong Kong economy and forced business customers to look for ways to reduce operational costs. The range of energy-saving solutions offered by CLP Power including the **Energy Audit Service**, **CLP Eco Building Fund**, and the **Electrical Equipment Upgrade Scheme** help address the issues.

CLP Power also sets aside HK\$1 million from the **CLP Community Energy Saving Fund (CESF)** to offer training in retro-commissioning for employees from 100 businesses in 2021. The training aims to improve employees' knowledge about energy efficiency and encourage businesses to carry out more energy-saving works.

CLP Power conducts at least 600 energy audits a year for business customers, proposing solutions to them after a detailed analysis of their consumption. The **CLP Eco Building Fund** provisions HK\$100 million a year to subsidise energy efficiency improvement works in the communal areas of around 400 residential blocks and commercial and industrial buildings, including retrofitting projects, retro-commissioning services, and the implementation of smart technology in building services. The **Electrical Equipment Upgrade Scheme** meanwhile subsidises business customers in replacing or upgrading lighting and air conditioners to more energy-efficient models. (Please refer to Annex 1 to 3 for programme details.)

One of the beneficiaries of the energy-saving schemes is the MOS Cafe in Ma On Shan, which changed its 100 fluorescent lights to LED bulbs in 2019 with a subsidy from the **Electrical Equipment Upgrade Scheme**. The cafe applied for the **Energy Audit Service** the following year and, on CLP Power's recommendation, upgraded its eight air conditioners to inverter air conditioners to save more energy.

MOS Cafe owner Mr Yeung Cheung-li said, "The cafe saved around 3,600 kilowatt hours (kWh) after upgrading the lighting to LED bulbs. We then got a subsidy from the **CLP Eco Building Fund** to purchase inverter air conditioners the following year, which further reduced our energy use by around 30,000 kWh. Overall, the cafe reduced its annual electricity consumption by 15%, reducing our operational costs."

From the beginning of the current Scheme of Control (SoC) agreement with the Hong Kong Government in October 2018 to the end of 2020, CLP Power conducted more than 1,400 energy audits for business customers, saving a total of around 120 GWh of electricity for customers who carried out the recommended improvement works. During the same period, the **Electrical Equipment Upgrade Scheme** subsidised around 4,300 projects, saving around 40 GWh of electricity, while the **CLP Eco Building Fund** provided subsidies for improvement works in around 1,500 residential blocks and commercial and industrial buildings, saving a further 110 GWh of electricity. (Please refer to Annex 4.)

CLP Power Corporate Customer Experience Director Dr Anthony Lo said lighting and air conditioners had a greater impact on overall energy costs than other electrical appliances. Businesses considering energy improvement works should first upgrade their lighting and air conditioning as it could have a significant impact on consumption, he recommended.

"Hong Kong has been severely affected by the pandemic and business customers are understandably concerned about controlling their operational costs," Dr Lo said. "CLP Power's subsidy schemes can help reduce the cost of energy improvement works as well as reducing consumption and costs. If the business sector can reduce its electricity use and lower carbon emissions, that will contribute to Hong Kong's long-term decarbonisation targets and benefit the whole community."

CLP Power is also streamlining the application processes for its subsidy schemes and looking for ways to promote them more widely. The company will continue to closely monitor developments in energy-saving technology, providing customers with the most up-to-date and comprehensive solutions to go green and drive Hong Kong's transition to a lower-carbon future.

Under the current SoC agreement, CLP Power allocates 65% of the incentives earned from helping customers to save energy to CESF. A series of community support programmes

funded by the CESF has been launched to support people in different parts of society, benefit customers, and help the Hong Kong economy regain its momentum.

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 six million people in its supply area. 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.

Photo Captions:

Photo 1



CLP Power Corporate Customer Experience Director Dr Anthony Lo said Hong Kong’s economy has been severely affected by the pandemic, it is particularly important to help customers maximise their energy efficiency by reducing their energy use and operational costs.

Photo 2 to 3



MOS Cafe owner Mr Yeung Cheung-li said the cafe changed its 100 fluorescent lights to LED bulbs with a subsidy from the **Electrical Equipment Upgrade Scheme** in 2019, saved around 3,600 kWh. The cafe applied for the **Energy Audit Service** in 2020 and, on CLP Power’s recommendation, upgraded its air conditioning to inverter air conditioners with the subsidy from the **CLP Eco Building Fund**, further reduced its annual electricity consumption by 30,000 kWh, and saved more on operational costs.

Photo 4 to 6



Under the current Scheme of Control Agreement with the Government, CLP Power has helped commercial and industrial customers save a total of 270 GWh hours of electricity over a two-year period through the company’s **Energy Audit Service**, **CLP Eco Building Fund**, and **Electrical Equipment Upgrade Scheme**.

The huge savings, equal to the annual energy consumption of over 60,000 households, a reduction in carbon emissions of around 120,000 tonnes – equivalent to the carbon reduction impact of planting around 5 million trees.

- Ends -

Annex:

- 1) Energy Audit Service leaflet (http://clp.to/EA_leaflet_en)
- 2) CLP Eco Building Fund leaflet (http://clp.to/EBF_leaflet_en)
- 3) Electrical Equipment Upgrade Scheme leaflet (http://clp.to/EEUS_leaflet_en)
- 4) Energy Saving Performance of CLP Power's Energy-saving Schemes offered for Business Customers

**Energy Saving Performance of
CLP Power's Energy-saving Schemes offered for Business Customers
(From October 2018 to the end of 2020)**

Energy Audit Service		CLP Eco Building Fund		Electrical Equipment Upgrade Scheme	
No. of Audit Conducted	Energy Saved	No. of Subsidised Buildings	Energy Saved	No. of Subsidised Projects	Energy Saved
Over 1,400	Around 120 GWh	Around 1,500	Around 110 GWh	Around 4,300	Around 40 GWh
Total Savings: 270 GWh of Electricity					