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CLP's GREEN^{PLUS} Symposium illustrates successful business case of energy saving among SMEs and NGOs

Innovative, tailored EE&C solutions lead the way

CLP Power Hong Kong Limited (CLP Power) has taken another step in Hong Kong's energy efficiency and conservation drive with the inauguration of the GREEN^{PLUS} Symposium, which was well-attended by more than 250 small to medium-sized enterprises (SMEs) and non-profit making organisations (NGOs). The GREEN^{PLUS} Symposium, as part of the GREEN^{PLUS} Programme, highlighted successful energy saving case studies and brought together expert panelists to discuss issues that SMEs and NGOs face in implementing EE&C initiatives.

Mr. Richard Lancaster, Managing Director of CLP Power at today's GREEN^{PLUS} Symposium highlighted the ingredients for a successful energy saving campaign that other SMEs and NGOs can emulate, "We are delighted to be able to help SMEs and NGOs save energy by innovating the way they operate. This way they can reduce their costs, help the environment and improve their efficiency at the same time.

With specialised and professional services from CLP Power and commitment from the SMEs/NGOs to implement energy saving measures, CLP Power can successfully tailor-make energy saving solutions to fulfill diverse business requirements of different operations, increasing the reach of CLP Power's GREEN^{PLUS} Programme to benefit a wide spectrum of SMEs trades in the local community."

The GREEN^{PLUS} Programme, launched in August 2010, is CLP's flagship EE&C programme purpose-designed to support SMEs and NGOs. CLP Power at the Symposium also provided an update on the GREEN^{PLUS} Programme which has received encouraging participation feedback from over 200 registered members of diverse nature: offices, NGOs, retail outlets, schools/academic institutions and others.

Ms. Anissa Wong, JP, Permanent Secretary for the Environment and Mr. Stephen Chan, JP, Director of Electrical and Mechanical Services delivered their opening remarks at the Symposium to acknowledge the achievements of the GREEN^{PLUS} Programme in the promotion of environmental awareness among the local business community to help forge a better and greener business environment in Hong Kong.

The tailor-made case studies are wide-ranging in nature and include examples from four diverse types of operations, namely a school, a hostel, a retail shop, and a restaurant

- **Munsang College (category: school / NGO)**

CLP Power helped Munsang College develop Hong Kong's FIRST Green Console. The Green Console tracks energy usage by classrooms, thereby allowing students to monitor their own energy usage. It is intended to encourage energy saving behavior as students can now reliably and quantitatively compare and contrast their energy saving efforts and can evaluate success of EE&C campaigns they develop. It is targeted to save 3% electricity cost per year. The Green Console is also key to the College's plan to train up 3,000 green ambassadors.

Three Green Houses, each comprising 2,000 used plastic bottles, will also be built on the campus of the College by this summer. The initiative is designed to promote recycling efforts, while capture the solar energy to support a self sustained lighting, and water sprinkler system which is expected to reduce 300 kg carbon dioxide (CO₂) emission per year.

- **Hong Chi Association (category: hostel / NGO)**

The hostel place in the Pinehill Village of Hong Chi Association will save over 80% of electricity cost per year with the installation of Hong Kong's FIRST solar heat pump for domestic use for the generation of hot water usage in the hostel's bathrooms. The solar heat pump integrates solar panels with a heat pump, a pilot design that is estimated to save around 2000 kg CO₂ emission per year.

- **Tung Fong Hung Medicine Company Limited (category: retail)**

Tung Fong Hung saved 50% of its electricity cost per month. Its energy solution focused on spot lighting, which is a key component of electricity bills for most retail operations. The energy saving solution involved the replacement of over 160 pieces of the original 50W halogen lamps with 7W LED lights. The investment payback period is about one year and is expected to save around 20 tonnes of CO₂ emission per year.

- **Cool Kitchen Restaurant (category: business and F&B outlet)**

Its tailor-made energy saving measures include recycling waste heat from the steamer cabinet in the kitchen to generate free hot water for washing dishes and re-directing exhaust cool air from the dining area to the kitchen helping the restaurant save up 30% energy cost and a reduction of 100 tonnes of CO₂ emission per year. The HK\$20,000 worth of investment in the heat recovery steamer alone has a less-than-one-year payback period.

About CLP

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 5.7 million people in its supply area.



Mr. Stephen Chan, JP, Director of Electrical and Mechanical Services (second from left) and Ms. Anissa Wong, JP, Permanent Secretary for the Environment (first row in the middle) officiated at the GREEN^{PLUS} Symposium and took a group photo with, Mr. Paul Poon, CLP Power Chief Operating Officer (third from left); Ir Edmund Leung, SBS, OBE, JP, Chairman, Energy Advisory Committee (third from right); Mr. LM Chow, CLP Power Director of Marketing and Customer Services (second from right); Mr. Eric Cheung, CLP Power Deputy Director (Business Marketing and Development) (first from left) and other speakers from the four successful business cases.



Ms Iris Tam, Director of Cool Kitchen and Mr. Richard Lancaster, CLP Power Managing Director prepared a bowl of low carbon noodles, to demonstrate how to utilise free hot water generated from the heat recovery steamer for cooking.



Mr. Wong Kui Hung, School Supervisor of Munsang College (at the back); Mr. Richard Lancaster, CLP Power Managing Director (front left) and Dr. Man Chi Sum, Chief Executive Officer of Green Power (right), put the recycled bottles to complete the demo green house to be built in Munsang College this summer.



Mr. Aldan Kwok, General Secretary of Hong Chi Association (left) and Mr. Richard Lancaster, CLP Power Managing Director (right) demonstrated Hong Kong's first Solar Heat Pump for domestic use which will help the hostel place of Hong Chi save 80% of electricity bill per year.



Mr. Trevor Lee, District Manager of Tung Fong Hung (left) and Mr. Richard Lancaster, CLP Power Managing Director (right) demonstrated that with the replacement of suitable LED spot lights, the retail shop can save 50% electricity bill per month.

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