

24 April 2012

## **CLP GREEN<sup>PLUS</sup> Resort Opens**

### **New facility showcases energy saving ideas to help businesses save on energy and running costs**

CLP Power Hong Kong Limited (CLP Power) today opened a new, fully interactive Energy Efficiency and Conservation (EE&C) showroom for business customers. The GREEN<sup>PLUS</sup> Resort showcases practical ways to harness renewable energy technologies as well as energy efficient lighting, air-conditioning and heating systems for outdoor settings. It is designed to be a valuable resource for businesses that want affordable, tailor-made energy saving solutions that enable them to save on running costs.

Located in Yuen Long, the GREEN<sup>PLUS</sup> Resort encompasses energy saving solutions that cater to the needs of companies in about 20 different industries, from campsites to fish farms. For instance, an outdoor cafe operating in premises of 3,000 square feet that decided to implement CLP-recommended LED lighting and energy efficient air-conditioning could expect to see savings of HK\$40,000 per year. This would enable them to recover their initial investment within two years, while reducing their energy consumption at the same time.

The Resort also features an interactive "Energy Check-up Station", giving businesses tangible examples of the real-life energy efficient solutions available to them, and the savings on offer.

Speaking at the Opening Ceremony earlier today, Mr. Richard Lancaster, Managing Director of CLP Power, said, "As a responsible energy supplier, we are keen to further enhance our efforts to help customers boost their energy efficiency and control their energy consumption. CLP has considerable expertise in this area, so we are well-placed to advise on holistic solutions that help businesses to set and achieve realistic energy efficiency targets."

GREEN<sup>PLUS</sup> Resort is designed to support over 6,000 business customers per year. If even 10 per cent of these customers go on to implement CLP's energy saving recommendations, they could help save 18,000,000 kWh electricity and reduce 10,000 tonnes of carbon dioxide (CO<sub>2</sub>) emissions per year.\* This is equivalent to the entire energy needs of 60 Hong Kong style tea restaurants for a year.

Another officiating guest, The Honorable Jeffrey Lam kin-fung, Chairman of the Economic Development Panel, Legislative Council, is pleased to see the opening of GREEN<sup>PLUS</sup> Resort as it can help businesses reduce energy cost under the difficult operating environment.

This Resort also features one of CLP's own designs, the 'Step Power Generator', which illustrates how daily exercise such as jogging or dancing can generate electricity. The invention can be applied to gyms or rehabilitation centres, and is a useful 'green education' teaching resource for schools. Students will be surprised to learn that jogging or dancing for just 30 seconds can generate the same amount of energy that a person would use during a one-hour smart phone conversation.

Renewable energy is also one of the key focuses of the GREEN<sup>PLUS</sup> Resort. The Resort is the first of its kind to offer a comprehensive renewable energy demonstration centre, which provides a 'one-stop' experience of renewable energy in action, from the initial choice of technologies through to grid connection advice for businesses interested in harnessing the potential of renewable energy. Live models on standalone and grid-connected solar and wind energy generation systems illustrate how these two well-known forms of renewable energy are used in practice.

Other highlights of the GREEN<sup>PLUS</sup> Resort include a solar thermal water heating system, illustrating how solar energy generates heat and provides hot water for use.

For customers who are interested to visit CLP GREEN<sup>PLUS</sup> Resort, please contact our hotline at 2678 2660.

*\*The evaluation is based on an average annual electricity consumption of 200,000kWh for an SME. Assuming the SME has 15% savings on consumption after implementation of CLP's EE&C recommendations, it can save 30,000kWh or 16 tonnes of CO2 reduction. Assuming 10% of the visitors adopt CLP recommendations, this can help save 18,000,000 kWh electricity and reduce 10,000 tonnes of carbon dioxide (CO2) emissions per year.*

### **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 5.7 million people in its supply area.

**Photos:**

Photo 1



Mr. Richard Lancaster, Managing Director of CLP Power, presented the mini solar panels as souvenirs to distinguished guests from business sector, who officiated the Opening Ceremony of the GREEN<sup>PLUS</sup> Resort. The Resort aims at helping businesses in Hong Kong save energy and cost.

(From left to right) Mr. Watson Chan, Senior Director of Policy, Hong Kong General Chamber of Commerce; Mr. Dennis Yau, Director-General, Federation of Hong Kong Industries; The Honorable Jeffrey Lam kin-fung, Chairman of Economic Development Panel, Legislative Council; Mr. Richard Lancaster, Managing Director of CLP Power; Mr. Paul Leung, CEO, The Chinese Manufacturers' Association of Hong Kong; and Dr Sam Wong Chun-sing, Committee Member of the Chinese General Chamber of Commerce.

Photo 2



Photo 3



Photo 4



Mr. Richard Lancaster (photo 2), competing with The Honorable Jeffrey Lam Kin-fung (photo 3) and Mr. Watson Chan (photo 4: first from left), for the title of "Power Generation King" at today's Ceremony. The Honorable Jeffrey Lam and Mr. Watson Chan won the contest, they both generated around 1Wh electricity by stepping for 20 seconds, which is sufficient for around 40 minutes smart phone conversation.

Photo 5



Photo 6



Mr. Richard Lancaster (photo 6: middle) and Mr. LM Chow (photo 5: third from left; photo 6: first from left), Director of Marketing and Customer Services, CLP Power, introduced the superb feature of the new wind turbine which is capable to capture wind energy even in light breeze situation, normally found in urban city area.

Photo 7



The performance of outdoor lightings and energy efficient lightings provide different effects. Mr. Richard Lancaster (left) and The Honorable Jeffrey Lam (right), made their power shots under different energy efficient lightings.

Photo 8



All officiating guests enjoyed hot coffee, using hot water generated from the Solar Thermal Water Heating System.

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