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中華電力有限公司
CLP Power Hong Kong Limited

New SmartHub@CLP Showcases a Smart City Future for Hong Kong

SmartHub@CLP – an exhibition centre showcasing smart city technologies – was officially opened today (29 April). Using virtual reality technology and interactive multimedia, it exhibits different innovative solutions that will help transform Hong Kong into a smart city and promote energy efficiency in the community.

SmartHub@CLP is a 5,000 square feet exhibition centre located at CLP Shamshuipo centre and comprises two levels called the InnoLab and the Experience Lab. The InnoLab features a 270-degree video projection that gives a futuristic impression of how a smart city looks. The Experience Lab has six themed zones explaining smart grid, smart environment, smart living, smart business, smart mobility and smart education, showcasing the different technologies that combine to create a smart city.

CLP Holdings Chief Executive Officer Mr Richard Lancaster said at the opening ceremony that safe and reliable electricity plays a pivotal role in the development of a smart city. “CLP’s goal is to make use of digital technologies to offer greener, smarter, and more customer-oriented energy services in the communities we serve.”

The President and Founding Member of The Hong Kong Academy of Sciences Professor Tsui Lap-chee said, “In transforming Hong Kong into a smart city, the contributions of the Government and different stakeholders are equally important. Creating a smart city involves making the best use of innovative technology in different aspects of city management to increase administrative efficiency, and allocating and deploying social resources effectively to enhance the overall energy efficiency of the city and make day-to-day life more convenient for people.”

CLP Power Managing Director Mr T K Chiang said that the new facility displays different aspects of a smart city. “Since last year we have started installing smart meters for our customers to better manage their energy consumption. We will continue to facilitate different trades and industries adopting smart and energy efficient solutions that meet their business needs.”

SmartHub@CLP also includes a start-up corner displaying new products and solutions from start-up companies. The centre is now open to CLP business partners and tertiary

institutions to visit by appointment. It will be open to the public in 2020. For more details about **SmartHub@CLP**, please see the attached fact sheet. Business partners or tertiary institutions who want to visit can contact us via 2678 2660 or smarthub@clp.com.hk.

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



CLP Holdings Chief Executive Officer Mr Richard Lancaster said CLP's goal is to make use of digital technologies to offer greener, smarter, and more customer-oriented energy services.

Photo 2



The President and Founding Member of The Hong Kong Academy of Sciences Professor Tsui Lap-chee said the contributions of the Government and different stakeholders are equally important in transforming Hong Kong into a smart city.

Photo 3



CLP Power Managing Director Mr T K Chiang said CLP will continue to facilitate different trades and industries adopting smart and energy efficient solutions that meet their business needs.

Photo 4



CLP Power Corporate Customer Experience Director Dr Anthony Lo introduced the electricity meters in different generations to Professor Tsui Lap-chee.

From left to right: CLP Power Vice Chairman Mrs Betty Yuen, CLP Power Corporate Customer Experience Director Dr Anthony Lo, President and Founding Member of The Hong Kong Academy of Sciences Professor Tsui Lap-chee, CLP Holdings Chief Executive Officer Mr Richard Lancaster.

Photo 5



CLP Management and the officiating guest Professor Tsui Lap-chee took a photo with the smart city model using augmented reality technology at **SmartHub@CLP**.

From left to right: CLP Power Customer and Business Development Senior Director Ms Lena Low, CLP Power Managing Director Mr T K Chiang, CLP Power Vice Chairman Mrs Betty Yuen, President and Founding Member of The Hong Kong Academy of Sciences Professor Tsui Lap-chee, CLP Holdings Chief Executive Officer Mr Richard Lancaster, CLP Power Chief Corporate Development Officer Ms Quince Chong, and CLP Power Corporate Customer Experience Director Dr Anthony Lo.

Photo 6



The InnoLab features a 270-degree video projection that gives a futuristic impression of how a smart city looks.

Photo 7



The Experience Lab has six themed zones explaining smart grid, smart environment, smart living, smart business, smart mobility and smart education, allowing visitors to experience the different technologies that combine to create a smart city.

- Ends -

SmartHub@CLP Fact Sheet

SmartHub@CLP is a new 5,000 square feet interactive multimedia experience centre created to connect Hong Kong people to a smarter and greener tomorrow. It gives customers, stakeholders, and visitors the chance to see what a smart city looks like and promote energy efficiency in the community.

The centre has two levels:

- The lower level is the InnoLab, featuring a 270-degree immersive video projection giving a futuristic impression of what a smart city looks like and explaining CLP's role as an enabler.
- The upper level is the Experience Lab where visitors get to see technology and smart applications in six themed zones explaining smart environment, smart living, smart business, smart mobility, smart education, and a smart grid.

The **Smart Environment** zone demonstrates CLP's commitment to combating global warming and outlines its environmental initiatives such as the use of diversified fuel mix, and the promotion of renewable energy and energy saving. CLP is committed to helping create a smart city with a cleaner and more sustainable environment and a higher quality of life for Hong Kong citizens.

The **Smart Living** zone illustrates what a smart home looks like, using an interactive simulation. Smart living is a modern and more sustainable lifestyle that gives people more control over energy use through technology. For example, smart meters will enable residential customers to monitor their power use and save energy.

The **Smart Business** zone features smart solutions that enhance the operational efficiency of businesses and identify energy saving opportunities. It introduces CLP's tailor-made services for business customers such as smart enterprise solutions and energy audits.

The **Smart Mobility** zone highlights CLP's efforts to promote zero-emission electric vehicles to tackle urban mobility challenges.

The **Smart Education** zone focuses on CLP's efforts to promote the engineering industry and STEM (Science, Technology, Engineering, and Mathematics) education in Hong Kong. Public education and knowledge sharing are vital to the continuing

development of the power industry and our common mission to create a sustainable future.

The **Smart Grid** zone shows how smart technologies can be applied to the grid to improve its reliability and resilience. The technologies empower customers to save energy by demand side management. It also displays the evolution of electricity meters in different generations from traditional electricity meters to new smart meters.