

26 November 2018

## **CLP Power Begins Mass Rollout of Smart Meters to Support Hong Kong's Transformation into a Smart City**

To support Hong Kong's transformation into a smart city, CLP Power Hong Kong Limited (CLP Power) will install smart meters for all its customers over seven years from now until 2025 and provide customers with a range of digitalised services and solutions to encourage energy saving and further improve supply reliability.

The smart meters would be installed by phases. In the first two years of the rollout (November 2018 to 2020), CLP Power will install smart meters for residential and small to medium-sized business customers in Cheung Chau, Lantau Island, Peng Chau, Tuen Mun, Sai Kung, Tseung Kwan O, Cheung Sha Wan, Mei Foo and Fanling. Customers in other districts will have their meters replaced over the subsequent five years. (Please refer to Appendix for the detailed rollout plan.) CLP Power has scheduled the rollout based on factors including meter age, cost efficient replacement works, and supply reliability. Customers will be kept informed about the status of the smart meter rollout as it progresses, details are available at [www.clp.com.hk/smartmeter\\_en](http://www.clp.com.hk/smartmeter_en).

CLP Power Managing Director Mr T K Chiang said, "The full implementation of a smart meter programme is a critical step to support Hong Kong's transformation into a smart city. The Advanced Metering Infrastructure (AMI) system will enable CLP Power to provide timely electricity usage information as well as other related services to customers, therefore empowering customers to efficiently manage their consumption. This smart technology will provide customers with tools necessary to move into a new era of low-carbon living."

An AMI system is the core component of a smart grid. It consists of smart meters connected through a telecommunication system which enables CLP Power to provide customers with detailed information about their electricity consumption. Additionally, new services can be developed to encourage energy saving and reduce demand at peak times. The AMI system also provides CLP Power greater visibility of the power grid condition thus enabling improved detection and subsequently reduced repair times during critical events such as typhoons or other power system interference. This increased visibility and enhanced diagnosis processes will speed up power restoration thus enhancing supply reliability and power safety for our customers.

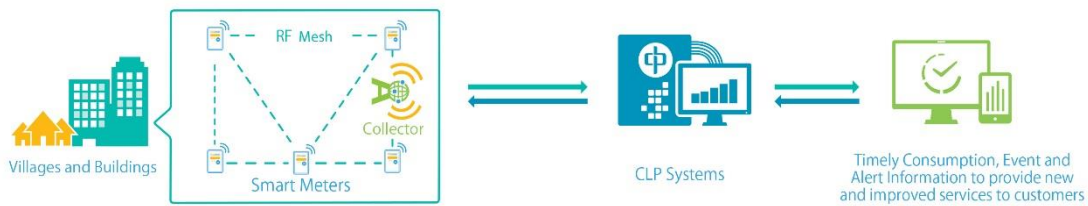
CLP Power will launch an online platform and mobile app to give residential customers who have completed the installation access to detailed information about their energy consumption in mid 2019.

**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



An Advanced Metering Infrastructure system is a key component of a smart grid which enables CLP Power to provide customers with detailed information about their electricity consumption as well as improve overall system reliability.

Photo 2



Conventional meter (left) records electricity consumption. The Smart meter (right) with associated communication system can collect near real-time electricity usage information. Customers are thus enabled to more efficiently manage their electricity consumption.

- Ends -

**Appendix: CLP Power smart meters rollout plan (Tentative)**

Year	Districts covered
Nov 2018 to 2019	<ul style="list-style-type: none"><li>• Cheung Chau, Lantau Island (Tung Chung and Tai O)</li><li>• Tuen Mun (Tuen Mun central and industrial area)</li><li>• Sai Kung</li></ul>
2020	<ul style="list-style-type: none"><li>• Lantau Island (Other areas), Peng Chau, Cheung Sha Wan, Mei Foo</li><li>• Tuen Mun (Other areas), Fanling</li><li>• Tseung Kwan O</li></ul>
2021	<ul style="list-style-type: none"><li>• Sham Shui Po, Tai Kok Tsui</li><li>• Sheung Shui, Tai Po</li><li>• Clear Water Bay, Lohas Park</li><li>• Diamond Hill, Tsz Wan Shan, Choi Hung</li></ul>
2022	<ul style="list-style-type: none"><li>• Ho Man Tin, Jordan, Yau Ma Tei</li><li>• Yuen Long (Kam Tin, Kam Sheung Road, Lau Fau Shan), Tin Shui Wai</li><li>• Shek Kip Mei, Kowloon Tong</li><li>• Wong Tai Sin, Lok Fu, San Po Kong, Kowloon City</li></ul>
2023	<ul style="list-style-type: none"><li>• Hung Hom, To Kwa Wan, Mong Kok, Tsim Sha Tsui</li><li>• Yuen Long (Other areas)</li><li>• Ma On Shan, Wu Kai Sha</li><li>• Ngau Tau Kok, Sau Mau Ping, Shun Lee, Kai Tak</li></ul>
2024	<ul style="list-style-type: none"><li>• Kwai Chung, Lai King, Ma Wan</li><li>• Sha Tin, Tai Wai, Siu Lek Yuen</li><li>• Yau Tong, Lam Tin</li></ul>
2025	<ul style="list-style-type: none"><li>• Tsuen Wan, Tsing Yi</li><li>• Sha Tin Town Centre, Fo Tan, Kau To Shan, Sai Sha</li><li>• Kwun Tong</li></ul>