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**CLP launches electricity infrastructure development programme
to help energise Kowloon East and Kai Tak development area**

CLP has launched a power infrastructure development programme in support of government plans to develop Kowloon East into another core business district. Electricity facilities, including 7 substations, will be constructed and commissioned in the region over 15 years to provide electricity up to 700MVA (equivalent to the sum of current power demand of Tsim Sha Tsui and Ma On Shan) to support the new development of Kai Tak as well as the redevelopment projects in old districts like Kwun Tong, Wong Tai Sin and Kowloon City.

In his recent Policy Address, the Chief Executive has outlined the blueprint for “Energising Kowloon East”. In anticipation of surging power demand in Kowloon East and the Kai Tak development area in the coming decades, CLP has already put in place long-term strategies and planning. Taking Kai Tak development area as an example, major infrastructures will be completed by 2021. Upon full occupation, electricity demand will go up to 450 MVA by more than 90,000 residents and a number of major public facilities in Kai Tak area.

In tandem with the first phase of Kai Tak’s development, CLP has built three new substations at Fu On Street, Eastern Road and the Kai Tak Cruise Terminal, together with a cable tunnel. Upon commissioning in early 2012, the Eastern Road and Kai Tak Cruise Terminal Substations will provide electricity to the first phase of a public housing development for housing 34,000 residents, the Cruise Terminal Building and its First Berth to be completed in 2013, and the District Cooling System.

In the second phase from 2012-2021, CLP plans to build three more substations and one cable tunnel to meet the electricity demand of residential developments, a multi-purpose stadium complex, the Shatin-to-Central Link and the Kwun Tong Town Centre Redevelopment.

One more substation is planned for the period after 2021 so as to provide additional power supply to support the area’s future development. The Company will continue to work closely with the Government on their development plans for the region so as to ensure the power it needs is available.

At the ceremony, Mr Richard Lancaster, Managing Director of CLP Power said, “CLP has helped Hong Kong stay competitive by providing a reliable and sufficient supply of electricity to meet the needs of community and economic development. We are doing so in the most environmentally-friendly manner possible as well. To that end, in addition to a robust power network, we are also working at full speed to build a gas pipeline and related infrastructures to make sure replacement gas from mainland sources are online by next year. In short, we are

working hard to power Hong Kong continuously to make Hong Kong a bright and sustainable metropolitan city.”

Reflecting CLP’s focus on maintaining supply reliability and quality, the Eastern Road Substation is the Hong Kong’s first smart substation. It will feature the most advanced and fully automated equipment, including a self-healing system to significantly shorten the power restoration time from several minutes to less than 1 second. Green features will also be incorporated, including a solar-powered rainwater collection and irrigation system, and a greenery ratio up to 30%.

Being the Hong Kong’s first substation featured with vertical greening, the Kai Tak Cruise Terminal Substation will mainly serve the Cruise Terminal and the residential and business users in its vicinity as well as the District Cooling System, playing a significant role to support the territory as a world-class tourist destination.

In the near future, Hong Kong will see the launch of a number of major infrastructure projects, including the Express Rail Link, Hong Kong-Zhuhai-Macau Bridge and West Kowloon Reclamation Development. While watching the new developments closely, CLP will also work with the Government to ensure electricity demand brought about by the city’s continued growth is met.

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.

Photo:



Mr. Richard Lancaster, Managing Director of CLP Power, presents CLP’s plan to light up Kowloon East and Kai Tak Development area. Electricity facilities, including 7 substations, will be constructed and commissioned in the region over 15 years in 3 phases, with estimated investment over HK\$5 billion.



Mr. Richard Lancaster, Managing Director of CLP Power, tells that CLP will continue to fuel HK's development with reliable and environmentally-friendly electricity supply. To this end, in addition to a robust power network, the Company is also working at full speed to build a gas pipeline and related infrastructures.



Eastern Road Substation is Hong Kong's first smart substation, featuring with the most advanced and fully automated equipment. Among all the smart features, the self-healing system will significantly shorten the power restoration time from several minutes to less than 1 second.



Mr. Ng Wah On, Senior Project Manager (East) of CLP Power introduces the latest 132kV Smart Switchgear (his left hand side) installed in Eastern Road Substation. The switchgear equips with Intelligent, Protection, Automation, Control and Supervision System, which enables more accurate online condition monitoring. Featured on his right hand side is traditional 132kV switchgear.



Kai Tak Cruise Terminal Substation is the first substation in Hong Kong to feature vertical greening, it will be commissioned in 2012 to power mainly the Cruise Terminal, nearby residential and business users as well as the district cooling system.



Mr. Ng Wah On, Senior Project Manager (East) of CLP Power shows the Kai Tak Cruise Terminal Substation, which is to be commissioned in early 2012 and the major development in Kai Tak Area. These include Shatin-to-Central Link, Government Offices, District Cooling Systems, Public Housing Estate, Multi-purpose Stadium Complex, Cruise Terminal Building and On-shore Supply System.

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