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PolyU Signs MoU with CLP Power to Nurture Electrical Engineering Talents and Promote Innovative Technology for Advancement of Hong Kong Power Industry

The Hong Kong Polytechnic University (PolyU) and CLP Power Hong Kong Limited (CLP Power) signed a Memorandum of Understanding (MoU) yesterday (11 December), joining forces to cultivate electrical engineering talents in Hong Kong that meet the needs of the power industry's development.

Witnessed by Prof. Christopher CHAO, Vice President (Research and Innovation) of PolyU, and Mr Joseph LAW, Managing Director of CLP Power, the MoU was signed by Prof. CHUNG Chi-yung, Head of the Department of Electrical and Electronic Engineering, Chair Professor of Power Systems Engineering and Director of the Research Centre for Grid Modernisation of PolyU, and Mr Paul TOMLINSON, Chief Operations and Transformation Officer of CLP Power.

This collaboration marks a significant step for PolyU and CLP Power in advancing education and fostering innovative research in electrical engineering. Both organisations will leverage their respective strengths and expertise to contribute to the cultivation of talent and technological development of the power industry in Hong Kong and the Greater Bay Area (GBA). They will utilise advanced technologies, including the metaverse, immersive virtual environments, virtual reality(VR) and augmented reality(AR) to jointly develop innovative digital training and learning materials for students and the industrial practitioners. Students from the Department of Electrical and Electronic Engineering at PolyU will be offered the opportunity to experience the real working environment of the power industry. This exposure will help them understand the industry's operations and development, thereby enhancing their integrated skills in both theory and practice. Both organisations will also explore opportunities for academic and research collaboration.

Prof. Christopher Chao said, "PolyU is thrilled to collaborate with CLP Power, marking a significant milestone in university-industry partnerships aimed at nurturing electrical

engineering professionals. By combining academic theory with practical industry experience, we not only help students gain a thorough understanding of the power industry's operations and the challenges it faces, but also enhance communication between university researchers and industry experts. This collaboration will also enable us to explore opportunities for jointly applying innovative technologies. Hong Kong takes justifiable pride in its world-class electricity supply reliability, which is among the best in the world. To maintain this competitive edge, it is essential to ensure a steady supply of skilled professionals. Through this partnership, we aim to cultivate future industry leaders and contribute to the sustainable development of the power industry in Hong Kong and the GBA."

Mr Joseph Law said, "CLP Power is pleased to strengthen our strategic partnership with PolyU through this new collaboration. The power industry navigates a key moment in the energy transition, where talent and advanced technologies are essential drivers of Hong Kong's journey toward a net-zero city by 2050 and supporting the continuous development of the society. At CLP Power, we place great importance on nurturing talent, advancing technology, and upholding our mission to continually enhance operational safety, power supply stability, and environmental performance. This collaboration with PolyU will cultivate future energy professionals to meet the evolving needs of both our industry and society at large."

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 more than six million people in its supply area.

About The Hong Kong Polytechnic University

The Hong Kong Polytechnic University (PolyU) aspires to be an innovative world-class university with a strong sense of social responsibility, driven by its motto, "To learn and to apply, for the benefit of mankind". The University provides the best holistic education to nurture socially responsible "leaders of tomorrow" who possess a strong sense of national identity and a global perspective, and pursues impactful innovation and interdisciplinary research to address the world's most pressing challenges. A robust culture of knowledge transfer and entrepreneurship is a cornerstone of the

University, ensuring PolyU's technologies are transformed into practical real-world applications. The University's unwavering commitment to excellence has earned it international recognition, with PolyU consistently ranking among the top 100 universities worldwide. Based on this solid foundation, the University will continue to make positive contributions in collaboration with its strategic partners for the betterment of Hong Kong, the Nation and the world.

Photo captions:

Photo 1



Witnessed by Prof. Christopher Chao (left, back row), Vice President (Research and Innovation) of PolyU, and Mr Joseph Law (right, back row), Managing Director of CLP Power, the MoU was signed by Prof. Chung Chi-yung (left, front row), Head of the Department of Electrical and Electronic Engineering, Chair Professor of Power Systems Engineering and Director of the Research Centre for Grid Modernisation of PolyU, and Mr Paul Tomlinson (right, front row), Chief Operations and Transformation Officer of CLP Power.

Photo 2



Prof. Christopher Chao said that the collaboration between PolyU and CLP Power helps students gain a thorough understanding of the power industry's operations and the challenges it faces. It also enhances communication between University researchers and industry experts, allowing them to explore opportunities for jointly applying innovative technology.

Photo 3



Mr Joseph Law said the collaboration between CLP Power and PolyU will help equip more young people with expertise in electrical energy and innovative technology to seize future development opportunities and contribute to society.

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