

30 September 2019

**BSE's Associate Professor's Project Winning the Asia Pacific Rim Region Energy Project of the Year Award (2019)**

The Department of Building Services Engineering (BSE) of The Hong Kong Polytechnic University (PolyU) is pleased to announce that Dr. Joseph Lai, Associate Professor and Facility Management Programme Leader, contributed to a project that has been selected to receive The Association of Energy Engineers (AEE) Asia Pacific Rim Region Energy Project of the Year Award for 2019.

The accomplishment of project “*The Pioneering First Retro-Commissioning Energy Saving Project for Hong Kong Public Hospitals in Asia*” recognizes the significance of hospital facility management and the outcome generated from the research collaboration between Dr. Lai, the Hospital Authority, the Electrical and Mechanical Services Department, CLP Power and the Hong Kong Green Building Council.

The project involved retro-commissioning services at the main buildings of Caritas Medical Centre and the North Lantau Hospital. The works focused on reducing energy consumption by fine-tuning the settings of chillers and chilled water pumps and optimising the efficiency of the chillers. The project is expected to save up to 1 GWh of electricity a year – equivalent to the annual energy consumption of around 250 households and a reduction in carbon emissions of some 510 tonnes a year.

The Award was presented on 24 September 2019, the day prior to the opening of the 2019 AEE World Energy Conference & Expo at the Washington Convention Center in Washington, D.C..

AEE is a non-profit professional society with over 18,000 members in more than 100 countries. AEE offers a variety of informational outreach programs including training, conferences, chapters, journals, and certification programs. The mission of AEE is to promote the scientific and educational interests of those engaged in the energy industry and to foster action for sustainable development.

Congratulations to Dr. Lai for his achievement and hope Dr. Lai keeps shining in the discipline.