

Mar 2021



2020 Winners' Stories

Encouraging Smart Energy Solutions

There has been an encouraging increase in the use of smart technology and devices to improve the operational and energy efficiency of businesses. Be inspired by the success stories of the 2020 Smart Technology Award winners and their innovative, energy-saving ideas.



Smart Technology Award Winners

Corporate / **Government Bodies**

SMEs / NGOs / **Education Institutes**



Hong Kong Aircraft **Engineering Company Limited** The Hong Kong Award for Young People



ARA Asset Management (Fortune) Limited - Metro Town Shopping Mall

Mammy Pancake

Sino Estates Management Limited — Olympian City 3

Smart Technology Grand Award The Hong Kong Award for Young People (AYP)



AYP teamed up with CLP to set up an E-Playground in their training camp. The E-Playground includes a variety of interactive game facilities to help young people understand the principles of power generation and to strengthen their environmental awareness. The camp also installed an intelligent air-conditioning management system in the dormitories for greater energy management in its daily operations. It can also provide young people with a comprehensive STEM experience.







Smart Technology Grand Award Hong Kong Aircraft Engineering Company Limited (HAECO)



HAECO made intelligent use of smart technology to improve its operational and energy efficiency, including replacing water-cooled chillers with more efficient models, storing energy with Phase Change Materials (PCMs), and optimising the system's operations and settings. This resulted in energy savings of around 5.4GWh a year.







Smart Technology Excellence Award Sino Estates Management Limited Olympian City 3



Sino Estates Management Limited worked with smart technology partner on a retro-commissioning project to enhance the airconditioning system at the Olympian City 3. Artificial intelligence and big data analytics were used to adjust the central system's optimal chiller operation mode, improving its energy efficiency and reducing electricity consumption by approximately 10%.





Online Promotion (Chinese version only)



Let's Keep Supporting Green Energy Together

Simply make a pledge to support environmental conservation and get the chance to win a fabulous gift. First-come-first served.

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More winners' stories

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