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The Hong Kong Polytechnic University | PolyU · Research Institute for Intelligent Wearable Systems BEng, PhD fiber-based electronic, photonic and pneumatic devices; wearable systems; energy ...

In 2017, it received the first-ever top platinum certificate in the BEAM Plus Existing Buildings V2.0 scheme, issued by the Hong Kong Green Building Council, and in 2019, it was the first ...

The core part for improving the energy performance of air-cooled chiller plant is to utilize the high part-load efficiency of variable speed drive (VSD) components that function in the most energy ...

Peer-review under responsibility of the scientific committee of the 8th International Conference on Applied Energy. doi: 10.1016/j.egypro.2017.03.299 Energy Procedia 105 (2017) 182 âEUR" 187 ScienceDirect The 8th International Conference on Applied Energy âEUR" ICAE2016 Towards zero energy school building designs in Hong Kong Siwei Lou ...

Hong Kong Institute of Vocational Education (Morrison Hill) Supporting Organizations: Theoretical and Practical Course on Building Management System for Intelligent and Green Buildings ...

Xinyuan is a specialized platform for new energy storage technology innovation and integrated application jointly established by CPID and Hyper Strong, and a new industrial engine for ...

Study on the Feasibility and Cost-Effectiveness of a Hybrid Desiccant and Evaporative cooling System Applied in Hong Kong. (ECF, 204K, 2010) ... Zhao Y, Xiao F and Wang SW, "An intelligent chiller fault detection and diagnosis methodology using Bayesian belief network", Energy and Buildings, V57(2), pp. 278-288, 2013. ... "Development and ...

Asia-Pacific and Japan hyperscale data centre specialist, AirTrunk and Hong Kong's major power utility, CLP Power Hong Kong Limited (CLP Power), have announced a renewable energy solution in Hong Kong that will match Microsoft's data centre electricity consumption with local Renewable Energy certificates (RECs). Under the agreement, AirTrunk ...

The first application project of AI-EOS, Holiday Inn Express Hong Kong SoHo, reaches 30% in system energy saving performance. AI-EOS has been implemented in other public projects, and the results are

significant. ... The ...

The IoT project originated from a smart energy construction project. As the building aims to demonstrate how Intelligent Building Management System could educate the public and the industry about the energy usage and carbon ...

The Government released the Smart City Blueprint for Hong Kong with a vision to build Hong Kong into a world-class smart city. The Blueprint maps out development plans in the next five years, aiming to enhance the effectiveness of city management and improve people's quality of living as well as Hong Kong's attractiveness and sustainability by making use of ...

Hong Kong Institute of Vocational Education (Morrison Hill) Supporting Organizations: Theoretical and Practical Course on Building Management System for Intelligent and Green Buildings Course Objective BMS is becoming more important in the daily life of Modern Buildings in Hong Kong. With ... operational control and energy savings.

Confidence-aware reinforcement learning for energy management of electrified vehicles, January 01, 2024. ... A Special Section "human-centric intelligent system for smart mobility" is approved and will be held in NSFC-RGC, 28 April - 1 May, 2023, Hong Kong, China.

implementation of AMI system in future, and enhance its customer experience by providing customers with the opportunity to work towards a smarter and greener Hong Kong. Attachment: Smart Energy Programme fact sheet About CLP Power Hong Kong Limited CLP Power Hong Kong Limited ("CLP Power") is the Hong Kong utility subsidiary

Both Master of Applied Science in Intelligent Construction and Building Information Modelling (MASCICBIM) and Master of Science in Intelligent Construction and Building Information Modelling (MSCICBIM) need complete ...

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