

Supporting Organisations:



## **Webinar: Electrifying Construction Site by Battery Energy Storage System**

**Date:** 17 June 2021 (Thursday)

**Time:** 6:30 - 8:00pm

**Venue:** Webinar via Zoom

**Organisers:** Electrical Division (ELD) and Safety Specialist Committee (SSC)

**Supporting Organisations:** Business Environment Council (BEC) and CLP Power Hong Kong Limited (CLP)

**Programme Highlights:** In response to Hong Kong's 2050 carbon neutrality pledge, there are growing awareness among various means to reduce carbon emissions such as exploring different types of zero-carbon energy and decarbonisation technology, enhancing the energy efficiency of both new and existing buildings, promoting zero-carbon vehicles and green transportation.

Apart from operating carbon which has been focused for a long time, embodied carbon such as emissions from on-site construction activities has become a priority to decarbonise. The conventional use of diesel in plant and equipment has led to high carbon footprint, adverse air quality, and other health and environmental impacts.

One of the on-site decarbonisation opportunities is the adoption of Battery Energy Storage System (BESS) to replace diesel generator on construction sites. There are few pilot cases implemented recently, however the adoption rate is low. This talk will introduce BEC Power Up Coalition and a general guideline on BESS adoption, highlight the potential cost/benefit and share real cases of adopting BESS on construction sites. This talk aims to enhance the awareness of decarbonisation in construction sector and call for actions to support moving towards carbon neutrality.

We are honoured to have **Mr Simon Ng**, Director – Policy & Research of BEC, **Ir K Y Lo**, Deputy Director – Corporate Customer Experience of CLP Power and **Ir Andy Wong**, General Manager of Gammon / Digital - G, as our guest speakers.

**CPD Certificate:** Electronic copy of CPD Certificate will be delivered to participants (who have attended for more than half of the session) within one month after the online forum conducted.

**Registration:** This webinar will be delivered in Cantonese and supplemented with English presentation material. Vacancy will be accepted on a first-come-first-served basis. The maximum number of participants is 500. For registration, please click [here](#). Successful members will be notified by an e-mail with a meeting link few days before the event. For ease of effective communication in the forum, we would be very grateful if you would enter your name (same as registration name) when joining the online session.

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