

Dear All Engineering Students,

On behalf of the **American Society of Mechanical Engineers (ASME) Hong Kong Student Section**, I would like to invite you to join our upcoming event - Virtual Technical Tour to CLP Power Hong Kong Black Point Power Station.



### Virtual Technical Tour to CLP Power Hong Kong Limited Black Point Power Station



Date: 4 June 2021 (FRI)

Time: 14:00 - 15:15

Venue: ZOOM

Quota: 250

Fee: Free of charge

Language: Cantonese



APPLY NOW!!

Application deadline: 1 June 2021 (TUE)

Contact: Sirius (67753183) or Nate (95708349)



**CLP Power Hong Kong Limited.** is an electricity company in Hong Kong. It operates a vertically integrated power supply business in Hong Kong, covering electricity generation, transmission and distribution, and customer service. It serves 6 million people in a supply area that includes Kowloon, New Territories and most of the outlying islands. It also has businesses in a number of Asian markets as well as EnergyAustralia in Australia.

The Black Point Power Station is one of the world's largest gas-fired combined-cycle power stations. In support of the Government's plans for significant carbon intensity reduction by increasing the percentage of local gas-fired generation to around 50% of the total fuel mix in 2020, CLP Power commissioned an additional gas-fired generation unit with an advanced design at the Power Station. The new 550 MW unit serves as an expansion of the Black Point Power Station's overall generation capacity and would feature a Combined Cycle Gas Turbine (CCGT) configuration which can achieve an efficiency of around 60%, higher than that of the existing gas-fired units.

The details of the technical visit are as follows:

Content: (1) Introduction of Black Point Power Station, (2) Gas turbine upgrade project, (3) New CCGT (D1) project.

**Date: 4 June, 2021 (Fri)**

Time: 14:00 – 15:15

Venue: Teams

Language: Cantonese

Fee: Free of charge

Application deadline: **1 June, 2021 (Tue)**

Register link: <https://forms.gle/KPyCL7K2GofbWi349>

Quota: 250

**\*\*Please also note that ASME members and Mechanical Engineering students will be prioritized in the selection, and other participants will be selected on a first-come-first-served basis. Those who are selected will be notified shortly after the registration period.**

Also, you are encouraged to like or follow our Facebook page “ASME Hong Kong Student Section” at <https://www.facebook.com/ASMEhkss> and Instagram page “ASME Hong Kong Student Section” at <https://www.instagram.com/asmehkstudent/>. We will post our updated information of this event and the coming events.

Should you have any questions, please feel free to contact Sirius (6775 3183) or Nate (9570 8349).

Thank you for your kind attention, and we look forward to seeing you soon.

Best Regards,

Renske Huang

Chairperson

Hong Kong Student Section, Session 2020-2021

The American Society of Mechanical Engineers (ASME)

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