

29 July 2011

Dear EI (HK) Members and Guests,

**Technical Talk on “Addressing Public Call for Better Air Quality
~ Engineering Emissions Control Solutions in a Power Station”**

15 September 2011 (Thursday)

The Energy Institute (Hong Kong Branch) and the City University of Hong Kong jointly organize a **Technical Talk on “Addressing Public Call for Better Air Quality ~ Engineering Emissions Control Solutions in a Power Station”** to be held on 15 September 2011 (Thursday) for its members and guests.

Event title

Technical Talk on “Addressing Public Call for Better Air Quality ~ Engineering Emissions Control Solutions in a Power Station”

Brief description

With growing concern about sustainability of the environment where we are living in, there has been an increasing public call for better air quality. CLP Power shared the public concern and recognised it has an important role to play in managing the impact of operations and emissions on the environment.

Over the past two decades, CLP has been introducing ongoing measures to improve emissions performance while it is managing the increasing demand for reliable electricity supply. Not only did its emissions performance meet the government’s requirement, but also outperformed the emissions reduction targets set by both Hong Kong and Guangdong governments. A material reduction of about 60% was recorded across all three emissions - Sulphur Dioxide, Nitrogen Oxide and Respirable Suspended Particulates, in 2010 as compared with 1997.

The success in bringing down the emissions was attributed to the company’s on-going emissions reduction measures and the large-scale emissions control (EC) project commissioned by phases at its coal-fired Castle Peak Power Station (CPPS) since 2009.

CPPS is one of the few power generation plants in the world that are retrofitted with the three types of emissions control technologies namely Boosted Over Fire Air, Selective Catalytic Reduction and Flue Gas Desulphurization while the plant is in operation. The EC project is a large engineering project in terms of scale and complexity, taking more than 13.5 million man-hours to complete. One of the greatest challenges for the project was to maintain reliable electricity supply when complex site work had to progress with vigilant logistics arrangement.

Moderator

- **Ir Dr Michael KH Leung**, Immediate Past Chairman, Energy Institute (Hong Kong Branch) / Associate Professor, School of Energy and Environment, City University of Hong Kong

Speakers

- Mr Rick Truscott, Director – Generation, CLP Power Hong Kong Limited
- Mr Thomas Brown, Project Manager, Generation, CLP Power Hong Kong Limited

Event Highlights

- The journey to become one of the cleanest coal-fired power plants in the world
- Experiences in putting the challenging environmental engineering project from concept to full operation

Time & Date:	1830 - 2130; 15 Sept 2011 (Thursday)	Venue:	LT-10 (Academic Building), City University of Hong Kong in Kowloon Tong
Fee:	Free of charge	CPD:	CPD attendance certificate will be issued to attendees
Language:	English		

Registration:

Please send your **full name, organization name, post, contact phone number and email address** to the EI Secretariat via email at **aprilagc@gmail.com** on or before 5 September 2011. (Note: You must provide your email address for us to send you confirmation and reminder.)

Enquiries: Please contact Ms April Li via email: aprilagc@gmail.com or tel: 2967 8855.

We look forward to seeing you.

Yours sincerely,



Raymond CL Fong
Chairman
Energy Institute (Hong Kong Branch)

Organizers

