



# Symposium on Electrical and Mechanical Safety & Energy Efficiency

Innovating for a Safe and Green Environment  
23-24 February 2009

Kowloon Shangri-La Hotel

## Background

In pursuit of a safer and greener environment for our society, the Electrical and Mechanical Services Department (EMSD) of the Hong Kong Special Administrative Region Government serves as a front-runner in promoting and implementing energy efficiency initiatives. The "Symposium on Electrical and Mechanical Safety & Energy Efficiency - Innovating for a Safe and Green Environment" organised by EMSD to be held on 23 - 24 February 2009 will address issues on electrical, gas, mechanical and railway safety as well as the efficient use of energy. EMSD understands that what we contribute today will make a difference in the global environment and benefit our next generations. EMSD advocates the use of E&M and energy efficiency technologies in a safe, innovative and environment-friendly manner. Target audiences of this Symposium include local, mainland and overseas professionals from government departments, consulting firms, academics, trade associations, green groups and any other interested parties.

## The Programme

### Day 1 (Monday, 23 February 2009)

#### Welcome Address

Ir HO Kwong-wai, JP, Director of Electrical and Mechanical Services, HKSAR Government

#### Opening Address

Mr Edward YAU Tang-wah, JP, Secretary for the Environment, HKSAR Government

### Day 2 (Tuesday, 24 February 2009)

#### Parallel Session

Session Theme	Mechanical and Railways Safety	Electrical Safety	Gas Safety
<b>Session Chairman</b>	Prof SL HO, Chair Professor, Electricity Utilisation and Head of Department, Department of Electrical Engineering, Hong Kong Polytechnic University	Ir LEUNG Chi-ming, Joseph, Chairman, Electrical Safety Advisory Committee, HKSAR Government	Ir James KWAN, JP, Past President, The Hong Kong Institution of Engineers
	<b>Session Keynote: Railway Development in Hong Kong</b> Ir Malcolm GIBSON, Head of Project Engineering, MTR Corporation Limited	<b>Session Keynote: Providing a Reliable and Environmentally Friendly Power Supply - Sham Mong Road Sky Woodland Pilot Project</b> Ir Paul WY POON, Director - Power Systems, CLP Power Hong Kong Limited	<b>Session Keynote: Enhancing Gas Safety Management through ICT and Innovation</b> Ir Albert CK LEUNG, Engineering System Manager, The Hong Kong and China Gas Company Limited
	<b>New Funiculars for Urban Transportation</b> Prof Josef NEJEZ, Lecturer for Ropeway Construction, Technical University of Graz, Austria, Technical Editor of Magazine "International Ropeway Review" (ISR), General Court-appointed Expert for the Field of Ropeways and Chairman of the Austrian Standards Committee "Ropeways"	<b>Session Keynote: Condition Monitoring for Safe and Reliable High Voltage Power Delivery - Technology and Management</b> Ir Geoffrey L CHAN, Chief Construction & Maintenance Engineer, Construction & Maintenance Department, Transmission & Distribution Division, The Hongkong Electric Co., Ltd.	<b>Challenges Facing HSE in the Regulation of the Gas Industry in Great Britain</b> Mr Jim STANCLIFFE, HM Inspector of Health and Safety, Gas & Pipelines Unit, HSE, UK
	<b>Innovation with Safety in the Lift Industry</b> Mr Louis BIALY PE, Director - Worldwide Codes and Standards, Otis Elevator Company, USA	<b>Challenges and Benefits in Facilitating Intra-APEC Trade on Electrical and Electronic Equipment</b> Mr Michael ONG, Chairman, APEC Sub-committee on Standards and Conformance Joint Advisory Committee for Mutual Recognition Arrangement on Conformity Assessment of EEE	<b>Introduction of GB Energy Efficiency Standards for Gas Water Heaters</b> Mr LIU Tong, Senior Engineer, Vice Director, China Quality Supervising and Test Center for Gas Appliances
	<b>Design and Development of CRH2 High Speed Train</b> Mr GONG Ming, Chief Design Engineer, CSR Sifang Locomotive and Rolling Stock Co. Ltd.		

## Purposes of the Symposium

- Addresses concerned issues with key stakeholders and endeavors to strive towards sustainable growth, in connection with economic advancement and environmental conservation, through energy management and electrical, gas, mechanical and railway safety.
- Facilitates a multi-dimensional platform for policy makers, professional engineers, energy managers, business decision-makers, academics and internationally renowned experts to have the opportunity for in-depth knowledge sharing and informative exchange on the subjects of electrical, gas, mechanical and railway safety and energy efficiency.
- Enhances understanding and cultivates cooperation among all the concerned parties through sharing ideas and views on the issues of electrical, gas, mechanical and railway safety and energy efficiency.

### Keynote Session

**Energy Indicators - Experiences from 3 Small Islands and One Large APEC**  
Mr Robert TROMOP, Manager, Monitoring and Research, EECA, New Zealand

**Challenges in Regulating Electrical Safety in Australia**  
Mr Peter LAMONT, Executive Director, Electrical Safety Office, Queensland, Australia

**Challenges and Successes in the Ongoing History of the UK Gas Industry**  
Mr Robert J MURRAY, President, Institution of Gas Engineers and Managers, UK

**Fully Automated Rail Transit Systems for the 21st Century**  
Prof Brian MELLITT, Non-Executive Chairman of BRE plc, Non-Executive Director of Jarvis plc and Executive Director of BMCONSULT Ltd., UK

Organiser:

機電工程署  
EMSD



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**Parallel Session**

Session Theme	Mechanical and Railways Safety	Electrical Safety	Gas Safety
	<b>High Speed Railway Electric Traction Feeding System</b> Mr XU Guangqiang, Manager, Metro Department, Electrification Design and Research Institute, China Railway Eryuan Engineering Group Co. Ltd.	<b>Measures for Enhancing the Quality of Electrical Products Manufactured in China</b> Mr LI Wentao, Director, Department for Supervision on Inspection, AQSIQ, PRC	<b>LNG - A Sellers' or a Buyers' Market?</b> Mr Andy FLOWER, President, Flower LNG
	<b>Safety Regulation of Mechanical Gap Filler on Platform</b> Mr Jeffrey CK TANG, Senior Engineer, Electrical and Mechanical Services Department, HKSAR Government	<b>Revisions to the Code of Practice for the Electricity (Wiring) Regulations</b> Ir YH LEUNG, Senior Engineer, Electrical and Mechanical Services Department, HKSAR Government	<b>Challenges for Introducing Natural Gas Buses and Heavy Duty Vehicles in Hong Kong</b> Ir Richard CW CHAN, Senior Engineer, Electrical and Mechanical Services Department, HKSAR Government

**Lunch Speech** Ir Peter Y WONG, President, The Hong Kong Institution of Engineers

**Plenary Session**

Session Theme	Energy Efficiency
<b>Session Chairman</b>	Mr Christopher SEELEY, City Director - Bangkok, Thailand / Regional Manager, Asia - Project Development, Clinton Climate Initiative - The William J. Clinton Foundation
<b>Session Keynote</b>	<b>Session Keynote: Latest Trends in Energy Issues</b> Ir Edmund KH LEUNG, OBE, JP, Chairman, Energy Advisory Committee, HKSAR Government <b>ASHRAE's Advanced Energy Guides and our Path toward Net Zero Energy Buildings</b> Mr Gordon HOLNESS, ASHRAE President-Elect, Member of ASHRAE's Steering Committee, ASHRAE <b>Green Building Rating at BEAM</b> Mr Kevin EDMUNDS, Chief Operating Officer, Business Environment Council <b>Present and Trend of Lighting Industry in China</b> Mr CHEN Yansheng, President, China Association of Lighting Industry <b>Implementation of District Cooling System at Kai Tak Development - Challenges and Opportunities</b> Ir SF LAM, Senior Engineer, Electrical and Mechanical Services Department, HKSAR Government

**Closing Remarks** Ir Stephen CHAN Hung-cheung, JP, Deputy Director / Regulatory Services, Electrical and Mechanical Services Department, HKSAR Government

*The programme details are subject to change without further notice*

<b>Date &amp; Time</b>	23 February 2009 (Monday) 13:30 - 17:00	24 February 2009 (Tuesday) 08:45 - 17:15
<b>Venue</b>	Kowloon Shangri-La Hotel, 64 Mody Road, Tsimshatsui East, Kowloon, Hong Kong	
<b>Language</b>	Simultaneous interpretation (SI) will be provided between English and Putonghua in the Keynote Session and Plenary Session on 23 and 24 February 2009 respectively.	
<b>Registration Fee</b>	HK\$1,600 including: • 1-1/2-day Symposium • Symposium proceeding • Tea breaks & lunch	
<b>Registration &amp; Payment</b>	• Complete the Registration form and fax it to (852) 8147 1901 for reservation • Cheque payment should be made payable to "HKSAR Government" and sent to Ms April LI, Symposium Secretariat, Horizon-Dobson Ltd, 15/F, King's Commercial Centre, 25 King's Road, Hong Kong, within 2 weeks after reservation has been made.	
<b>Registration Deadline</b>	13 February 2009	
<b>Symposium Secretariat</b>	For further information, please contact the Symposium Secretariat, Ms April LI [Tel: (852) 9058 7800; email: aprilmlnli@yahoo.com.hk] or Ms Winnie WU [Tel: (852) 9219 8667; email: yung2_hk@yahoo.com.hk] or Ms Mandy LEUNG [Tel: (852) 2882 2229; email: mandy@horizondobson.com].	

To: Ms April LI, Symposium Secretariat [Fax No.: (852) 8147 1901; Email: aprilmlnli@yahoo.com.hk]  
 Horizon-Dobson Ltd, 15/F, King's Commercial Centre, 25 King's Road, Hong Kong

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**23 - 24 February 2009**

**Registration Form**

Name \_\_\_\_\_ Position \_\_\_\_\_  
 Organisation \_\_\_\_\_  
 Mailing Address \_\_\_\_\_  
 Tel \_\_\_\_\_ Fax \_\_\_\_\_ Email (must provide) \_\_\_\_\_

**Selection of Day 2 Parallel Session (Please indicate your preference)**

Mechanical and Railways Safety  Electrical Safety  Gas Safety

**Contact Person (if any)**

Name \_\_\_\_\_ Tel \_\_\_\_\_ Fax \_\_\_\_\_  
 Email Address (must provide) \_\_\_\_\_

- Important
1. Cheques should be crossed and made payable to "HKSAR Government" and are subject to bank clearance.
  2. **Registration fee is not refundable** unless the Symposium Secretariat is notified in writing of your withdrawal on or before 13 February 2009. A handling charge of HK\$200 will be levied.
  3. An applicant may, subject to approval from the Organizer, nominate a substitute to attend the Symposium on his/her behalf.
  4. Successful applicants will be notified by email or fax.

If you do NOT wish to receive any promotional materials in future, please tick the box, complete your details and fax this page to (852) 8147 1901.

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