

# Symposium on Latest Regulatory & Technological Development in Electrical & Mechanical Safety & Energy Efficiency

3 - 4 March 2005

Sheraton Hong Kong Hotel & Towers

Organiser : 機電工程署  
EMSD

Major Sponsors : 中華電力 CLP Power 中 煤氣 Towngas 香港電燈有限公司 The Hongkong Electric Co., Ltd.

## Background

Energy demand in the region is anticipated to increase in a robust manner for the next 20 years. In Hong Kong, the availability of adequate and secure supplies of energy is crucial for our future development. The development should be sustainable in social, economic and environmental terms. The *Symposium on Latest Regulatory & Technological Development in Electrical & Mechanical Safety & Energy Efficiency* organised by the Electrical and Mechanical Services Department (EMSD) of the Hong Kong Special Administrative Region Government to be held on 3 - 4 March 2005 will address issues on electrical and mechanical safety as well as energy efficiency from the sustainable development perspective. Target audiences include local, mainland and overseas professionals from government departments, consulting firms, academics, trade associations, green groups and any other interested parties.

## The Programme

It will be a one-and-a-half day event comprising a keynote session, a parallel session with three distinct themes and a plenary session.

### Day 1 (3 March 2005)

#### Welcome Address

- Mr Roger LAI Sze-hoi, JP, Director of Electrical and Mechanical Services, HKSAR Government

#### Opening Address

- Ms Sandra LEE Suk-ye, JP, Permanent Secretary for Economic Development and Labour (Economic Development), HKSAR Government

#### Keynote Speech

- Mr James YC KWAN, JP, President, Hong Kong Institution of Engineers/Executive Director and Chief Operating Officer, the Hong Kong and China Gas Company Limited

#### Keynote Session

##### Code Harmonisation for Lifts and Escalators

- Mr Ian P TODKILL, President, Pacific Asia Lift & Escalator Association

### Day 2 (4 March 2005)

#### Parallel Session 1

##### Modern City - Safe and Leisured Life

###### Session Keynote – Latest Technologies for Enhancing Safety of Lifts and Escalators

- Mr Glenn F BARNES, Technical Advisor, Lift & Escalator Contractors Association, Hong Kong

##### Fun and Safety of Hong Kong Disneyland

- Mr Tommy J JONES, Technical Director, Show-Ride Systems Engineering, Walt Disney Imagineering – Hong Kong

##### Commissioning of Ma On Shan Rail

- Mr KK LEE, Senior Director, Capital Projects, Kowloon-Canton Railway Corporation

##### Certification of Lifts and Escalators, Ropeways and other Special Equipment in the Mainland (in Putonghua)

- Mr HU Jian-feng, Centre Director, Guangdong Province Especial Equipment Inspection Centre, Guangdong Province Intendance Bureau of Quality and Technology, PRC

##### Regulatory Control of Electrical and Mechanical Systems in the Changing World

- Mr KM WOO, Chief Electrical and Mechanical Engineer/General Legislation, Electrical and Mechanical Services Department, HKSAR Government

## Purpose of the Symposium

- To provide a platform for policy makers, professional engineers, energy managers, business decision-makers, academics and internationally renowned experts to share expertise and exchange views on safety and energy efficiency.
- To bring key stakeholders together to identify priority issues and actions in placing sustainable development centrally in the nexus of economic development, social development and environmental protection through energy management.
- To share recent technological advancement in electrical & mechanical safety as well as energy efficiency and conservation and the experience on applications of new energy saving technologies in various geographical context.

#### Energy Development in an Island State

- Professor Thorsteinn I SIGFUSSON, Co Chair of the International Partnership of Hydrogen Economy

#### Type Test Certification on L.V. and H.V. Equipment

- Mr Craig DIACK-EVANS, Director of Engineering, ASTA BEAB Certification Services

#### Safe, Efficient and Reliable Delivery of Electric Power in Hong Kong - Latest Technological Development and Best Practices

- Mr SS YUEN, Chief Engineer (Transmission & Distribution), The Hongkong Electric Co., Ltd.

#### Future of LNG as a Fuel for Hong Kong Power Generation

- Mr Richard LANCASTER, Commercial Director, CLP Power Hong Kong Limited

#### Parallel Session 2

##### Future Gas Supply and Contemporary Regulatory Control

###### Session Keynote – Decision Making on Assessment of High Pressure Gas Transmission Pipeline

- Mr Steve CHATFIELD, Head of Operational Policy, Gas & Pipelines Operational Policy Team, Health and Safety Executive, United Kingdom

##### Gas for Greener Future

- Mr Philip KS SIU, Senior Commercial Manager, the Hong Kong and China Gas Company Limited

##### Regulations, Codes and Standards for Hydrogen Vehicles and Hydrogen Refuelling Infrastructure

- Mr Reinhold WURSTER, Coordinator of the European Integrated Hydrogen Project

##### An Introduction to the Design and Planning of Gas Supply System in Guangdong Province (in Putonghua)

- Representative from the Urban Planning & Design Institute of Shenzhen, PRC

##### New Code of Practice GU01 on Approval of Flexible Gas Tubing

- Mr CP CHAN, Senior Engineer/Gas Utilization, Electrical and Mechanical Services Department, HKSAR Government

### Parallel Session 3

#### Safe and Smart Use of Electricity

##### Session Keynote – Major Challenges for UK Distribution Networks – the Regulator's Response

- Mr John SCOTT, Technical Director, The Office of Gas and Electricity Markets, United Kingdom

##### Future Living - Safe, Smart and Efficient Use of Energy

- Mr CHOW Tang-fai, Director, Marketing and Customer Services, CLP Power Hong Kong Limited

##### Hongkong Electric's Wind Turbine for Power Generation on Lamma Island

- Dr C W TSO, Chief Mechanical Engineer, The Hongkong Electric Co., Ltd.

##### Energy Saving Policy and Energy Labelling System of Electrical Products in the PRC (in Putonghua)

- Representative from the General Administration of Quality Supervision, Inspection and Quarantine, PRC

##### Looking at Electrical Safety in Hong Kong from the Perspective of Incident Case Studies

- Ir TSE Chi-shan, Senior Electrical and Mechanical Engineer/Consumer Installations, Electrical and Mechanical Services Department, HKSAR Government

### Lunch Talk

**"Pursuing Energy Efficiency, Electrical and Gas Safety Through Essential Legislation"** by Ir Dr the Hon Raymond HO Chung-tai, MBE, S B St J, JP, Member of the HKSAR Legislative Council (Engineering Functional Constituency)

### Plenary Session

#### Energy Sustainability

##### Session Keynote – Energy Efficiency, Renewable Energy and Sustainable Development

- Ir Otto POON, BBS, OBE, Chairman, Energy Advisory Committee

##### Renewable Energy Law and Strategy for the Development of Renewable Energy in China

- Mr WANG Zhong-ying, Director, Centre for Renewable Energy Development, Energy Research Institute of the National Development and Reform Commission, PRC

##### The World's Largest Offshore Windfarm – the Danish Hons Rev Project

- Mr Egon V POULSEN, Director, Offshore Technology & Engineering, Vestas Northern Europe A/S – Offshore, Denmark

##### Energy Situation in the Pearl River Delta

- Prof WU Chuang-zhi, Guangzhou Institute of Energy Conversion, Chinese Academy of Sciences, PRC

##### Wider Use of Fresh Water Cooling Towers – Perspectives on Energy Efficiency and Safety

- Ir TAM Lik-sun, Senior Engineer/Energy Efficiency, Electrical and Mechanical Services Department, HKSAR Government

##### Closing Remarks

- Ir HO Kwong-wai, JP, Deputy Director/Regulatory Services, Electrical and Mechanical Services Department, HKSAR Government

The programme details are subject to change without further notice

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|-----------------------------------|--|-----------------------|
| <b>Date</b>                       | 3 March 2005 (Thursday)  | 4 March 2005 (Friday) |
| <b>Time</b>                       | 13:30 – 17:00  | 08:45 – 17:00         |
| <b>Venue</b>                      | Sheraton Hong Kong Hotel & Towers, 20 Nathan Road, Kowloon, Hong Kong  |                       |
| <b>Language</b>                   | English / Putonghua<br>Simultaneous interpretation (SI) will be provided between English and Putonghua for Day 1 (3 March 2005) only   |                       |
| <b>Registration Fee</b>           | HK\$1,500 including: • 1-1/2-day Symposium • Symposium proceedings • Tea breaks & lunch  |                       |
| <b>Registration &amp; Payment</b> | <ul style="list-style-type: none"><li>• Complete the symposium registration form and fax it to (852) 2776 1617 for reservation.</li><li>• Cheque payment should be made payable to "HKSAR Government" and send to Ms Eva CHAN, Symposium Secretariat, Hong Kong Productivity Council, 3/F HKPC Building, 78 Tat Chee Avenue, Kowloon, HK.</li><li>• All payments should reach the Symposium Secretariat within 2 weeks after registration.</li></ul> |                       |
| <b>Registration Deadline</b>      | 18 February 2005   |                       |
| <b>Symposium Secretariat</b>      | <ul style="list-style-type: none"><li>• For further information, please contact Ms Eva CHAN [Tel: (852) 2788 6366; email: evachan@hkpc.org] or Ms April LI [Tel: (852) 2788 5097; april@hkpc.org]</li></ul>  |                       |

### Registration Form

To: Ms Eva CHAN, Symposium Secretariat [Fax No.: (852) 2776 1617], Hong Kong Productivity Council, HKPC Building, 78 Tat Chee Avenue, Kowloon, Hong Kong

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|--|----------------|---|-----------|
| <b>Symposium on<br/>Latest Regulatory &amp; Technological Development in Electrical &amp; Mechanical Safety &amp; Energy Efficiency<br/>3 – 4 March 2005</b> |                |   |           |
| Name _____   | Position _____ |   |           |
| Organisation Name _____  |                |   |           |
| Correspondence Address _____   |                |   |           |
| E-mail _____   | Tel _____      | Fax _____   |           |
| <b>Selection of Day 2 Morning Session</b><br>(Please indicate your preference)   |                | <input type="checkbox"/> Modern City - Safe and Leisured Life<br><input type="checkbox"/> Future Gas Supply and Contemporary Regulatory Control<br><input type="checkbox"/> Safe and Smart Use of Electricity |           |
| <b>Contact Person (if any)</b>   |                |   |           |
| Name _____   | E-mail _____   | Tel _____   | Fax _____ |

#### Important

1. Cheques should be 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 18 February 2005. A handling charge of HK\$200 will be levied.
3. An applicant may, subject to approval from the Organiser, nominate a substitute to attend the symposium on his/her behalf.
4. Successful applicants will be notified by email or fax.