

Efficient

Symposium On Safe And Efficient Use Of Energy -

The Challenges Ahead

26 - 27 February 2004
Sheraton Hong Kong Hotel & Towers

Safe

- Organisers
Electrical and Mechanical Services Department, Hong Kong SAR Government
Gas & Energy Division, Hong Kong Institution of Engineers



- Major Sponsors



Background

Energy is crucial to the development of modern society. For a metropolitan city like Hong Kong, energy is of fundamental importance to all of the economic activities therein. Import dependence on exhaustible fossil fuel, local environmental problems and concern for the global environment are the driving factors influencing our energy policy. We seek to ensure that the energy needs of the community are met safely and reliably at reasonable prices. At the same time, we aim to promote the efficient use and conservation of energy and the minimisation of the environmental impact due to energy production and use.

As in other regional economies, the Hong Kong power sector faces a number of significant challenges in the coming years. We are always on the watch for the changing global energy supply and demand situation, and seek for the balance between achieving economic development, satisfying the need of the society, and protecting our precious environment. As such, a Symposium is organised to provide up-to-date insight into the rapid development of new energy technologies, including energy efficiency and conservation application, as well as an overview of the legislation and safety issues concerning electricity and gas sectors.

Purpose of the Symposium

- To provide a platform for policy makers, professional engineers, energy managers, business decision-makers, academia and internationally renowned experts to share expertise and exchange views on energy efficiency and safety.
- To bring key stakeholders together to identify priority issues and actions for achieving the ultimate objective of sustainable development through energy management.
- To share recent technological advancement in energy conservation and safety as well as the experience on applications of new energy saving technologies in various geographical contexts.

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Who should attend?

This symposium is intended for all stakeholders, including professionals from government departments, non-governmental organisations, business sector and the academia in related fields.

Date 26 - 27 February 2004 (Thursday & Friday)
Time 08:45 - 17:00
Venue Sheraton Hong Kong Hotel & Towers (Ballroom, 20 Nathan Road, Kowloon, Hong Kong)

Language English

Registration Fee	Early Bird*	Normal	
	(On or before 21 Jan 2004)	(After 21 Jan 2004)	
1-Day Pass	HK\$1,100	HK\$1,200	<ul style="list-style-type: none"> 1-day symposium Symposium proceedings Tea break & lunch
2-Day Pass	HK\$2,000	HK\$2,200	<ul style="list-style-type: none"> 2-day symposium Symposium proceedings Tea break & lunch

* Early bird discount will be offered for those registering on or before 21 January 2004

CPD CPD training hour will be counted

- Registration**
- Complete the symposium registration form and fax it to (852) 2776 1617 for reservation.
 - Cheque payment should be made payable to "**Hong Kong Institution of Engineers - Gas & Energy Division**" and send to Ms Eva Chan, Symposium Secretariat, c/o Hong Kong Productivity Council, HKPC Building, 78 Tat Chee Avenue, Kowloon, HK.
 - All payments should reach the Symposium Secretariat within 2 weeks after registration.

Registration Deadline 12 February 2004

Symposium Secretariat 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]

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Registration Form

To: Ms Eva Chan, Symposium Secretariat [Fax: (852) 2776 1617] c/o Environmental Management Division, Hong Kong Productivity Council, HKPC Building, 78 Tat Chee Avenue, Kowloon, Hong Kong

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26 - 27 February 2004

Organisation Name _____

Correspondence Address _____

Contact Person

Name _____ E-mail _____

Tel _____ Fax _____

Enrolled Person

Name	Position	Registration (Please tick)
		* Day1 (26 February 2004) * Day2 (27 February 2004) * 2-day (26 - 27 February 2004)
		* Day1 (26 February 2004) * Day2 (27 February 2004) * 2-day (26 - 27 February 2004)
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Important

1. Cheques should be made payable to "**Hong Kong Institution of Engineers - Gas & Energy Division**" 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 12 February 2004. A handling charge of HK\$100 will be levied.
3. An applicant may, subject to approval from the Organisers, nominate a substitute to attend the symposium on his/her behalf.



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The Programme

26 February 2004 (Thursday) [Day 1]

Opening Address

- Ir Dr Sarah Liao Sau-tung, JP, Secretary for the Environment, Transport and Works, HKSAR Government

Keynote Speech

- Ir Roger Lai Sze-hoi, JP, Director of Electrical and Mechanical Services, HKSAR Government

☼ Keynote Session

Keynote Presentation 1 - APEC and the Hydrogen Economy

- Mr Andre Van Rest, Chair, APEC EWG's Expert Group on New and Renewable Energy Technologies

Keynote Presentation 2

- Mr Mark Feather, Head of Gas Trading Arrangements, Office of Gas and Electricity Markets, UK

Keynote Presentation 3

- Prof Peter Hills, Chairman, Energy Efficiency and Conservation Sub-committee

Keynote Presentation 4 - Electricity Regulation and Market, Nuclear Energy Policy and Development, and Power Transmission from the West to the East of China

- Prof Sun Yuliang, Professor, Institute of Nuclear Energy Technology, Tsinghua University, PRC

Keynote Presentation 5 - Electricity Safe Legislation in Hong Kong

- Ir Dr the Hon Raymond Ho Chung-tai, MBE, JP, Member of the HKSAR Legislative Council (Engineering Functional Constituency)

☼ Theme: Gas Safety

Session Chairman: Ir Colin Chung, Chairman, Gas and Energy Division, Hong Kong Institution of Engineers

Session Keynote on Gas Safety

- Mr Alfred W K Chan, Managing Director, Hong Kong and China Gas Company Limited

Design, Construction & Maintenance of Sub-sea Pipeline

- Dr Andrew P C Ngiam, Regional Manager - Pipeline & Subsea, Aker Kvaerner Asia Pacific, Singapore

The Achievements in Gas Network Safety Enhancement in Hong Kong

- Ir Simon Ngo, Chief Network Officer, Hong Kong and China Gas Company Limited

Natural Gas Turbine for Power Generation Plant

- Mr Toyoaki Komori, Engineering Manager - Gas Turbine Engineering Section, Turbine Engineering Department, Mitsubishi Heavy Industries Ltd., Japan

Domestic Gas Appliances Approval Scheme

- Ir Michael Cheung Ping-kuen, Chief Engineer / Gas Production & Supply, Electrical and Mechanical Services Department, HKSAR Government

Discussion Session

27 February 2004 (Friday) [Day 2]

☼ Theme: Electricity Legislation & Safety

Session Chairman: Ir K M Yung, Asset Manager, CLP Power Hong Kong Limited

Session Keynote on Electrical Product Safety Legislation in Mainland China and Hong Kong

- Dr Patrick Wong, General Manager, Electrical Products, Hong Kong Standards and Testing Centre

A Service Approach to the Promotion of Electrical Safety

- Ir Yuen Wing-ying, Senior Customer Installation Engineer & Mr Lam Yim-mou, Customer Installation Engineer, Hongkong Electric Co., Ltd.

Development of a New Safety Rule to Enhance Safety in a Power Utility

- Ir C M Mak, System Operation Manager, CLP Power Hong Kong Limited

Safety Issues of the 25 kV Supply System

- Ir K K Lee, Director, East Rail Extensions, Kowloon-Canton Railway Corporation

Electricity Supply Lines (Protection) Regulation

- Ir George Ling Kam-hoi, Chief Electrical and Mechanical Engineer / Electricity Legislation, Electrical and Mechanical Services Department, HKSAR Government

☼ Theme: Energy Efficiency and Conservation

Session Chairman: Ir Uy Tat-ping, Assistant Director / Energy Efficiency, Electrical and Mechanical Services Department, HKSAR Government

Session Keynote on Energy Efficiency and Conservation

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

Energy Efficiency Building Design

- Prof Bernard V Lim, Chinese University of Hong Kong

Energy Management in Electricity Generation - Present and Future Development

- Dr Simon Chan Wai-kuen, Plant Engineering Manager - Technical Services, Generation Business Group, CLP Power Hong Kong Limited

Improvement of Lighting Luminous Intensity by Nanoparticles

- Mr Edward Hung & Ir P S Kwan, Gas & Energy Division, Hong Kong Institution of Engineers

Territory-wide Water-cooled Air-conditioning in Hong Kong

- Ir K K Li, Chief Building Services Engineer / Energy Efficiency B, Electrical and Mechanical Services Department, HKSAR Government

Discussion Session

Closing Remarks

Ir Dr Alex S K Chan, President, Hong Kong Institution of Engineers

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* The programme details are subject to change without further notice