

TEA TALK

WITH IR. DR. PHILIP TAN

(Executive Consultant of Genting Sanyen Power Sdn Bhd)

on

Co-generation: Effective Route Towards Energy Efficiency but is it Viable in Malaysia?

30th April 2008

3.00 — 5.00 pm

Venue :

Bilik Seminar, Ground Floor,
Pusat Tenaga Malaysia,
No.2, Jalan 9/10,
Persiaran Usahawan, Seksyen 9,
43650 Bandar Baru Bangi,
Selangor Darul Ehsan

The advantage of a Co-generation system is its ability to simultaneously produce electricity or mechanical power and recover waste heat for use in other applications. Co-generation is an effective route towards achieving energy efficiency since a well balanced set-up could achieve an efficiency of up to 89%. Whilst co-generation has taken off in many countries in a big way, this has not happened in Malaysia. This talk examines the various impediments that stunt the efforts of industries wishing to adopt co-generation in their operations and the future potential penalties they could encounter for the unwary.

Energy managers in the manufacturing industries and also those who are considering adopting co-generation in their operation and manufacturing process are encouraged to attend this event to gain an insight on co-generation systems, its advantages/benefits and also related problems.

ORGANISED BY



Pusat Tenaga Malaysia

SPEAKER'S PROFILE

IR. DR. PHILIP TAN

Dr Philip Tan has been involved in the electricity power industry for the last 38 years. He is currently the Honorary President of Penjanabebas (the Association of Independent Power Producers of Malaysia), Member of the Energy Consultative Panel, Member of SIRIM's Technical Committee on Petroleum and Gas Measurement, Member of the Steering Committee as well as the Technical Committee for the Malaysian Electricity Supply Industries Trust Account (MESITA), Member of the National Productivity Corporation's Utility Consultative Panel for establishing benchmarks for the various types of power generating plants, Adjunct Member of University Tunku Abdul Rahman's Industrial Advisory Committee for Engineering Courses (particularly in Electrical and Electronic Engineering) and Member of the Federation of Malaysian Manufacturers (FMM) Energy Management Committee. He is also a registered Professional Engineer, a Chartered Engineer, Member of the Institution of Engineers Malaysia, a Member of the Institution of Mechanical Engineers UK.

Dr Philip Tan was a sponsored student of National Electricity Board (NEB), now Tenaga Nasional Berhad (TNB) graduating from University of Malaya with a B.E. (1st Class Honours) in Mechanical Engineering. He started his working career with NEB in March 1969 first being attached to the Prai Power Station until September 1970 after which he left to pursue his Doctor of Philosophy at University of Southampton, England. Upon completing his Ph.D., he rejoined NEB in January 1974 in the Project Department at NEB's headquarters dealing with conceptual studies, specification, contract negotiation, commercial and financial evaluations and project implementation of various power plants.

In 1984 he was promoted to Assistant Senior Planning Engineer in NEB's Planning Department where he was responsible for planning of generation developments of TNB's integrated system and matters relating to planning and energy.

In 1989 he was promoted to Senior Engineer and Project Manager for implementing the Pasir Gudang and Paka gas turbines conversion to combined cycle. In 1990 he was transferred to the Planning Department as Senior Planning Engineer before being absorbed into the then newly formed Strategic Management Unit (SMU) where he was closely involved in negotiating and formulating Power Purchase Agreements for the initial five Independent Power Producers (IPP) in Malaysia. He was also responsible for the implementation of tariff adjustment for pass-through arising from fuel prices fluctuation and in negotiating and assessing business ventures both for TNB's investment in IPPs and other business ventures. He was promoted as Assistant General Manager in the SMU in 1994.

Dr Philip Tan opted for optional retirement from TNB on 1 January 1996 to join Genting Sanyen Power Sdn Bhd initially as Senior General Manager, subsequently as Executive Vice President, then as Technical Direction (Power) and now as Executive Consultant.

Having been involved in the energy sector for more than 30 years, Dr Philip Tan is well versed in a wide variety of topics in the sector, he has over the years been sharing his expertise and knowledge to engineers, executives, senior media editors, analysts and insurers involved in the power industries through talks, seminars and courses.

Registration Form

We wish to register the following participants :

No	Name	Designation

Authorisation

Signatory must be authorized to sign on behalf of the organization.

Name :	
Organization :	
Address :	
Tel / Fax No :	
Email :	
Signature :	

Fees

Please tick (✓) at the relevant box to indicate the option chosen:

- RM 110 per participant
- RM 90/- per participant (*Early Bird Registration Fee for those who register before 16th April, 2008*).
- RM 90/- per participant (PTM Members).

(Registration includes presentation material, refreshments, tour of the PTM ZEO Building and a certificate of attendance)

Cancellation Policy

Full fees will be charged for any cancellation of registration after **25th April, 2008**

Payment

Cheques should be made payable to **Pusat Tenaga Malaysia**

Secretariat

Kindly send/fax your registration forms by **25th April, 2008** to:

Pusat Tenaga Malaysia, No.2, Jalan 9/10, Persiaran Usahawan, Seksyen 9, 43650 Bandar Baru Bangi, Selangor Darul Ehsan

Tel: 03-89210800 **Fax:** 03-8921 0801/8921 0802

Contact Persons : Pn Laila / Pn Rosnani / Cik Meena /Cik Noriza

The organizers reserve the right to change the facilities, venue, reschedule or cancel the programme due to circumstances beyond its control. Efforts will be made to inform the participants well in advance of the changes.