

APENPLAN

APENPLAN is the acronym for the Asian and Pacific Energy Planning Network, and was established in 1985, and forms the institutional network for conducting training in the area of energy planning and management for the benefit of countries in the Asian and Pacific region. APENPLAN was established on the initiative of Asian and Pacific Development Centre (APDC), Kuala Lumpur.

APDC decided that 1985/86 research and training project to be executed on a network approach. The methodology of this approach according to APDC news letter is — "Project will be implemented in collaboration with a number of research and training institutes and government agencies. The implementation of the project will be the concern of a multi-disciplinary team of APDC's professional staff, with the concerned area expert as project co-ordinator and the rest of the project team is not only to co-ordinate the execution of the project, but also to share the professional responsibility with collaborating institutions through direct contributions in the form of research and training inputs".

The principal objectives of 'APENPLAN' are :—

- ✧ To help build or strengthen existing national capabilities in energy planning and management through the development of energy planning and management teams in countries of the Asian and Pacific region;
- ✧ To help strengthen the capabilities of national training institutions in the region by actively involving them in the development and improvement of national training programmes;
- ✧ To foster inter-institutional co-operation by forging a common format among its member institutions for addressing training issues and needs at both national and regional levels;
- ✧ To encourage, at a more general level, interaction among its members to identify and help resolve policy issues and problems confronting national energy planning and management teams; and
- ✧ To establish close working associations with other existing networks, both regional and global, whose activities relate to the area of energy policy and planning.

Membership

Membership of APENPLAN is open to energy policy research and training institutions located in the

Asian and Pacific region. Current members of the network are :—

- ✧ The university of Sydney, Australia.
- ✧ Bangladesh Institute of Development Studies.
- ✧ Tsinghua University, China.
- ✧ China Energy Research Society.
- ✧ Institute of Economic Growth, India.
- ✧ Institute of Technology of Bandung, Indonesia.
- ✧ Tata Energy Research Institute, India.
- ✧ Institute of Energy Economics, Japan.

Regional Organisations

- ✧ Asian and Pacific Development Centre, Kuala Lumpur.
- ✧ Asian Development Bank, Manila.
- ✧ Asian Institute of Technology, Bangkok.
- ✧ Pacific Energy Development Programme (ESCAP), Suva.
- ✧ Regional Energy Development Programme (ESCAP), Bangkok.
- ✧ Statistical Institute for Asia and the Pacific, Tokyo.
- ✧ University of the South Pacific, Suva.

Planned Activities for 1985-1986

Venue	Timing	Host Institution
Bangkok	Sep. 1985	Asian Institute of Technology.
Manila	Nov.	University of the Philippines.
Colombo	Dec.	Sri Lanka Energy Manager's Association.
Delhi	Feb. 1986	Tata Energy Research Institute.
Seoul	Apr.	Korea Institute of Energy and Resources.
Beijing	May	Tsinghua University.
Suva	July	University of the South Pacific/Pacific Energy Development Programme.
Kuala Lumpur	Sept.	Sultan Ahmed Shah Training Institute.

“ SWITCH OVER NOT OFF ”

Says Joe Pollock, President of Lighting Industry Federation, U. K.

“ Switch off was certainly NOT the answer; rather it was, and still is,

‘ SWITCH OVER ’

Thanks to advances in lighting technology, by switching over from old equipment to new, Installations can be made an average of 35% more efficient in their use of energy and this with absolutely no sacrificing of lighting standards.

Indeed, the opposite is almost invariably the case, A significant reduction in energy costs in accompanied by a substantial improvement in lighting level.

More & better light for less Money ”.

— *Energy Management.*

DO ACCOUNTANTS MAKE BETTER ENERGY MANAGERS THAN ENGINEERS?

Mike Roberts of P. A. Consultants (U. K.) in the April issue of Energy Management makes some interesting comments in answering the above question. Starting with his own experience in ‘two and a half stories’, he observes —

“ My own view is that qualities required by Energy Managers are much more related to their attitudes, experience and basic capabilities than their own professional background. Essentially they need inquiring analytical minds and should be seen to be seekers of opportunity for change and promoters of change with a successful record of achievement.

Those who have work study background tend to be ideally suited and similarly a work-study training course possibly is the best form of training for a prospective Energy Manager irrespective of whether he is an Engineer or an Accountant ”.

Mercifully he concludes by saying — “ Finally let me conclude by suggesting that it is impossible to decide whether Accountants or Engineers make better Energy Managers. Both have a part to play and team work between them produces the better answer ”.

Editor’s Observation :—

Henry Fayol and Fredric Taylor are credited to be the pioneers in the management field. Both were Engineers. After them every other discipline entered the field. Engineers retreated and got stuck to their ‘slide.....rules’.

FACILITIES FOR ENERGY AUDITS, ANALYSIS AND TRAINING AT EMC (ENERGY MANAGEMENT CENTRE,) NERD-CENTRE, EKALA, JAELA

1. DIAGNOSIS OF ELECTRIC INSTALLATIONS

- Power factor meter
- Clip-on Ampere (0-1000A) Volt (0-1000V) and OHM-meter
- AC/DC Clip-on Ammeter
- Watt meter
- Current transformer
- Multichannel chart recorder
- XY - Chart recorder

Ordered instruments to be delivered :

- Utility meters
- Power demand recorder
- Oscilloscope
- Watt hour meters

2. DIAGNOSIS OF THERMAL BOILERS

- Exhaust gas analyzer, Chemical type (Fyrite kit)
- Exhaust gas analyzer, Electronic type (Fuel cell)
- Thermometers
- Surface probe temperature meter
- Immersion probe temperature meter
- Thermocouples K-type
- Infra-red Thermometer, low & medium temp. (0-800°C)
- Infra-red Thermometer, medium & high temp. (600-2000°C)
- TDS meter
- Water conductivity meter

Ordered instruments to be delivered :

- Hardness test kit
- Alkalinity meter

3. FLOW MEASUREMENT

3.1. Gases

- Hot wire (anemometer)
- Vane type (turbine) meter

Ordered instruments to be delivered :

- Prandtl tube meter
- Manometer
- Pressure gauge
- Compressed air leakage detector (same as steam trap fault detector, see below)

3.2. Liquids

- Doppler flow meter

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ASHRAE Hand Book :—

ASHRAE Hand Book published by the American Society of Heating, Refrigeration and Air Conditioning, provides the most comprehensive and current source of reference data on energy efficient practices, air conditioning, heating, ventilation and refrigeration.

Solar Heating and Cooling System :—

A PERGAMON Press publication, authored by E. Baker, C. Floro, J. Gostelow, J. Caffrey is devoted to solar energy and its use.

Proceedings of the 8th Biennial Congress of the International Solar Energy Society — Perth :—

Another PERGAMON Press publication, edited by S. V. SZOKOLAY and contains over 485 papers covering latest research activities in the field of Solar Energy.

Biogas in Asia :—

This publication is prepared by consultants for Management of Development Programmes (Holland) and is based on field study on state of development of bio-gas digesters for household use in tropical rural communities. The study covers different reasons for biogas digester application and technical state-of-the-art biogas development programmes in countries such as India, Indonesia and Thailand.

Enquiries — Consultant for Management of Developing Programmes,

ACHTER CLARENBURG 25.
3511 JH,
UTRECHT — HOLLAND.

— *Escap Energy News*

FLASH

**HOTEL "CEYLON" INTER CONTINENTAL—
A WORLD WINNER**

We have just got the News that Hotel "Ceylon" Intercontinental, one of our Institutional Members, had been adjudged the 'Best Energy Savers' in the Intercontinental chain of hotels all over the World.

Congratulations to the "Energy Management Team", the Management and the Staff of HIC.

S.L.E.M.A. will endeavour to bring to the readers the HIC — "Recipe" in the forth-coming issue

SUSANTHA IN STATES

Mr. Susantha Perera of Ministry of Power and Energy returned to the island, after completing the six weeks Energy Management Training Programme for Developing Countries at Stony Brook, in the States. This scholarship was financed by U.S. AID.

ABEY ATTENDS SEMINAR

Mr. A. Abeyawardana of Ministry of Power and Energy attended a seminar on 'Computer Policy' held in Washington D.C. organised by the International Law Society.

He is due to wing to the land of Cherry Blossoms to follow a 6 months course in 'Computer Software' at Centre for International Corporation in Computer.

SHAVI & WICKS OFF TO BANGKOK

At the time of going to press Mr. Shavi Fernando and Mr. B. N. I. F. A. Wickramasooriya had left to Bangkok for the Seminar for Senior Energy Planners.

Mr. Wickremasuriya will be a faculty member at this Seminar.

PALITHA OFF TO FINLAND

Mr. P. P. Subasinghe of the Tyre Corporation has left for Finland under a UNIDO scholarship on Energy management and conservation. His training will have special emphasis on energy applications in the tyre industry and also on the use of peat as a boiler fuel.

ENERGY UNIT CHIEF IN CANADA

Mr. B. P. Sepalage, is at the United Nations University in Canada, studying 'Fuel Wood Policy and Planning'. He is expected to be away for 6 months.

SHAVI ATTENDS SEMINAR

Shavi attended the 3-day Regional Energy Development Programme special Technical Advisory Group Sessions in Manilla in July.