

Networking Dinner with the Press

To keep up the good rapport with members of the Press, TEEAM hosted a networking dinner on 12th May 2010 at Imperial Garden Restaurant, Petaling Jaya, Selangor. The Press representatives who attended were from Sin Chew Daily, Nanyang Siang Pau and the China Press. In attendance were the Corporate Communications Managers, Public Relation Executives, Senior Sales Representatives and Chinese Guild Affairs Managers.

TEEAM President, Engr Fu Wing Hoong took the opportunity to thank the Press for their tremendous support to TEEAM in terms of publicity on the association's activities and common issues faced by the members. TEEAM looks forward to work closely with the Press to update news on the development of the electrical and electronics industry. Closer ties were no doubt established that evening.



Happy gathering – A group photo of the Chinese Press representatives and TEEAM officials capped off the event.



Cheers! – Representatives from Sin Chew Press (2nd & 3rd from right) Ms Lee Swee Chun and Mr Low Kon Sin posing with TEEAM officials: (from left) Engr Leong Kam Seng (Vice President), Mr Tan Eng Liang (Council Member), Mr Ho Khai Hong (Honorary Secretary), Engr Fu Wing Hoong (President), Mr Wong Chin Cheong (Honorary Treasurer) and Ir Chang Yew Chong (Council Member).



Networking – TEEAM building closer tie with Chinese Press.



Joyous occasion – Everyone truly enjoyed on that night.



All smiles - (from left) Mr Y Y Lee (Sin Chew Press), Mr Liong Ah Chee (Nanyang Press), Mr Tan Kim Chuan (Sin Chew Press) and Mr Chong Yoon Koon (TEEAM Council Member).



AFEEC/FAPECA Conference & Meeting 2010

23rd – 25th November 2010

SMX Convention Centre, Mall of Asia Complex, Pasay City, Philippines



The Asean Federation of Electrical Engineering Contractors (AFEEC) and the Federation of Asia-Pacific Electrical Contractors Associations (FAPECA) Conference and Meeting for 2010 will be held from 23rd – 25th November 2010 at the SMX Convention Centre, Mall of Asia Complex, Pasay City, Philippines. The event will be held in conjunction with the Institute of Integrated Electrical Engineers (IIEE)'s 35th Annual National Convention and Expo 2010. The AFEEC/FAPECA conference & meeting provide greater understanding of current issues, participate in open discussions and identifying trends that will impact the industry. The Conference theme is 'Green Engineering in Electro-technic Construction'.

The event is hosted by the Society of Philippine Electrotechnical Contractors and Suppliers, Inc (SPECS) and is expected to draw delegates from Indonesia, Singapore, Malaysia, Thailand, Hong Kong, Taiwan, Korea, United States, Australia, Japan, Hawaii, Mexico, Vietnam and Philippines.

Members who are interested to participate, please contact the TEEAM Secretariat for details and registration.

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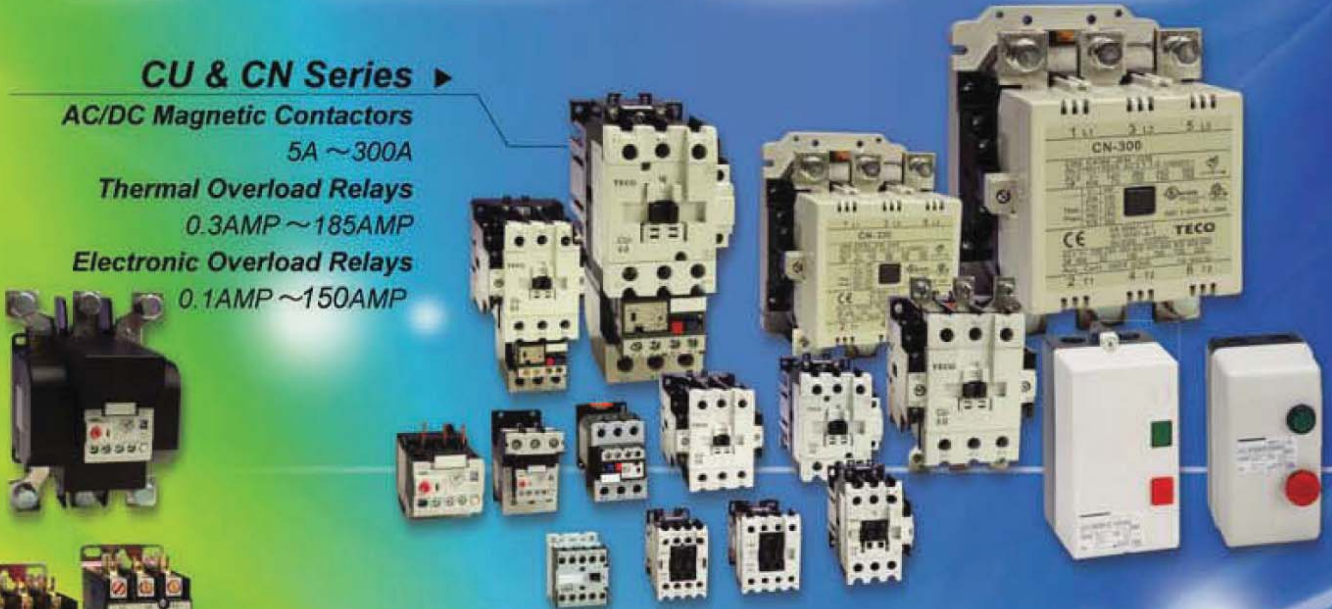
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Badminton Tournament

Thirty-seven pairs of men's doubles, twenty-five men's single and ten pairs of mixed doubles participated in the TEEAM Badminton Tournament 2010. The tournament was held over two Sundays on 1st & 8th August 2010 at Michael's Badminton Academy, Bandar Puteri Puchong, Selangor. The tournament was based on International Badminton Federation (IBF) twenty-one point rally knockout system. Every player participated enthusiastically with very strong fighting spirit. The TEEAM Sports Committee was very delighted as the tournament drew a good turnout. A big thank you to the referees, umpires and linesmen who ensured a smooth tournament. The list of winners and sponsors appear on page 59.



Overwhelming response – A group photo taken before the game starts.



Men's singles champion – (left) Mr Wong Yuen Fong (Individual) receiving Jaya Jusco cash voucher, Omron blood pressure monitor and trophy from Ir Steven Ng Khoon Hwa (TEEAM Deputy President).



Mixed doubles champion – (left) Mr Sow Mun Ho and Ms Josephine Yip Wai Teng (AWS) received Jaya Jusco cash vouchers and trophies from Ir Steven Ng Khoon Hwa (TEEAM Deputy President).



Men's doubles champion – (from left) Mr Benn Lim (Munpong Electrical Distributor) and Mr Wong Yuen Fong (Individual) received Jaya Jusco cash vouchers and trophies from Ir Steven Ng Khoon Hwa (TEEAM Deputy President).



Congratulations! – The jubilant winners with TEEAM officials.



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Fax: 604-229 3613

Branch: 28, Lengkok Kikik 1
Taman Inderawasih
13600 Prai Pulau Pinang
Tel: 604-398 0720
Fax: 604-398 0855

Wong Electrical & Teak Wood (Sel) Sdn. Bhd. (75423-D)
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Paramount Garden
46300 Petaling Jaya Selangor
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Fax: 603-7876 7175

Soon Fay Sdn. Bhd. (56058-U)
No.13, Jalan Kalong
Off Jalan Sungai Besi
55200 Kuala Lumpur
Tel: 603-9221 6011(HL), 3313,
6759, 7036, 1264, 1262
Fax: 603-9221 0743

Wong Lighting (M) Sdn. Bhd. (72038-P)
No 17 & 19, Lorong Yap Hing
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2145 0590
Fax: 603-2145 6799

Branch: No. 34 Jalan 20/16A
Paramount Garden
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..... Continue Badminton Tournament



Mixed doubles event – Energetic players in action.



Nervous moment for men's doubles – (left) Mr Au Kah Keong (Lee Hoe Electrical) and Mr Chen Siang Long (Bandar Elektrik) versus (2nd from right) Mr Tan Ni Hong and Mr Nor Yazid from Sin Lian Wah Lighting. Umpire is Mr Lawrence Law (3rd from left). With them is (3rd from right) Mr Jack Soon Lee Hock (TEEAM Sports Committee Member).



Posing for the album – (from left) Mr Jack Soon Lee Hock (TEEAM Sports Committee Member), Mr Tan Kam Foo (Individual), Ms Suzanna Liew (Umpire), Mr Vincent Ho (Individual), and Mr Fong Mun Loon (TEEAM Sports Committee Member).



Semi-finalist, men's singles – (2nd from left) Mr Tan Ni Hong (Sin Lian Wah Lighting) versus (extreme right) Mr Wong Yuen Fong (Individual). Umpire is Mr Lawrence Law (2nd from right). With them is (extreme left) Mr Liew Yew Choy (TEEAM Sports Committee Member).



Semi-finalist, men's doubles – (2nd & 3rd from left) Mr Ang Kien Aik and Mr Ang Ban Kah (SP Multitech) versus (3rd from right) Mr Wong Yuen Fong (Individual) and (2nd from right) Mr Benn Lim (Munpong Electrical Distributor). Umpire is Ms Suzanna Liew (centre). With them are TEEAM Sports Committee Member, Jack Soon Lee Hock (extreme left) and TEEAM Council Member Mr Ooi Eng Guan (extreme right).



Semi-finalist, mixed doubles – (from left) Ms Chan Wai Kwan and Mr Lee Kik Seong (SP Multitech) versus Mr Khoo Hong Chien and Ms Yong Sim Min (Omron Electronics). Umpire is Ms Suzanna Liew (centre).

Building Wiring Installer Course

Introduction

This Building Wiring Installer training programme is designed for the construction personnel involved in the low voltage installation of electrical wiring and related electrical equipment. It is also a skill standard developed by the Construction Industry Development Board (CIDB) with participation of industrial experts from the public and private sectors.

Course Fee and Certificate

The course is sponsored by CIDB which is subject to approval.

Course participants who have achieved the skill competency requirement will be awarded with a certificate. In addition, a CIDB Green Card will also be issued.

Who Should Attend

This course is for schools leavers, do-it-yourself personnel, electrical worker at construction site, apprentice wiremen and other technical/non-technical staff.

For registration and further information, please contact the TEEAM Secretariat at Tel: +603-9221 4417, 9221 2091 or E-mail: teeam@streamyx.com Website: www.teeam.com

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TEEAM Specialised Group - Trading

By the Chairman, Engr Leong Kam Seng.

Kaizen Children's Home, Semenyih

With the help of Sports and Recreation Committee, we have successful raised RM4,558 in a charity drive during TEEAM Golf Prize Presentation on 8th July 2010. A big thank you to all the kind donors and Committee Members who in one way or another contributed to this charity drive. Meanwhile, members who are keen to contribute in cash or kind to these less fortunate children can contact Mr Charles Lee at 012-2084518.

4th Trading Committee Meeting For The Year 2009-2011

We had our 4th meeting on 15th June 2010. Subjects discussed were health awareness; charity drive for Kaizen Children's Home during TEEAM Golf Prize Presentation; market surveillance on regulated products; business opportunities through power factor improvement from 0.85 to 0.90 and above; Seoul International Electric Fair 7th-9th September 2010; awareness on GST; Asean M&E Show 15th - 18th June 2010; Basisnet, an International Credit Risk Management Tool; and social networking through the association's Facebook, TEEAM Assn.

Seminar on International Credit Risk Management

TEEAM was invited to the above which was held on 18th May 2010 at the Crowne Plaza Mutiara Hotel, Kuala Lumpur. This seminar was jointly organised by BASIS and MATRADE and was officiated by the Deputy Finance Minister, YB Senator Dato' Awang Adek Hussein.

Topics covered were:

- The pitfalls & risk of international trade

- International credit risk management
- International credit insurance
- International receivable management

The various types of reports available at Basisnet are:

- Basis Business Report
- Basis Trade Report
- Basis Credit Report
- Basis Overseas Report



Engr Leong Kam Seng

For further information, please log on to BASIS's website: www.basisnet.com.my

The Goods and Services Tax (GST)

GST is a multi-stage consumption tax that will eventually replace the current sales tax and services tax (SST). 146 countries have implemented the GST. It is a matter of time that the GST will be implemented by our government. The current status is that the government has to pass the Anti-Profitteering Bill first prior to the implementation of the GST.

Meantime, you can get useful information on GST in our 56th issue of Suara TEEAM. We will keep members updated on the GST.

TEEAM's Successful Case

A member has experienced late approval on the renewal of their terminal block. After TEEAM wrote in on their behalf, the relevant authority expedited the renewal. This is another successful case whereby the association has been able to extend its help to its member.



Badminton Tournament Results

Men's Singles Event

Champion

Wong Yuen Fong

Individual Member

Trophy & Omron Blood Pressure Monitor & Jaya Jusco Vouchers RM100

1st Runner-Up

Tan Kam Foo

Individual Member

Trophy & Jaya Jusco Vouchers RM200

2nd Runner-Up

Tan Ni Hong

Sin Lian Wah Lighting Sdn Bhd

Trophy & Jaya Jusco Vouchers RM120

3rd Runner-Up

Vincent Ho

Individual Member

Trophy & Jaya Jusco Vouchers RM50

1st Runner-Up

Au Kah Keong & Chen Siang Long

Lee Hoe Electrical & Trading Sdn Bhd & Bandar Elektrik Trading Sdn Bhd

Trophy & Jaya Jusco Vouchers

RM300

2nd Runner-Up

Ang Kien Aik & Ang Ban Kah

SP Multitech Sdn Bhd

Trophy & Jaya Jusco Vouchers

RM200

3rd Runner-Up

Nor Yazid Mohd Sahid & Tan Ni Hong

Sin Lian Wah Lighting Sdn Bhd

Trophy & Jaya Jusco Vouchers RM100

1st Runner-Up

Khoo Hong Chien & Yong Sim Min

Omron Electronics Sdn Bhd

Trophy & Jaya Jusco Vouchers RM260

2nd Runner-Up

Lee Kik Seong & Chan Wai Kwan

SP Multitech Sdn Bhd

Trophy & Jaya Jusco Vouchers RM160

3rd Runner-Up

Yong Ah Lee & Tong Geok Lan

SP Multitech Sdn Bhd

Trophy & Jaya Jusco Vouchers RM100

Sponsors

Ampmech Industries Sdn Bhd
RM200

Munpong Electrical Distributors Sdn Bhd
RM200

Omron Electronics Sdn Bhd
1 unit Blood Pressure Monitor

SP Multitech Sdn Bhd
150 pcs T-shirts

Men's Doubles Event

Champion

Wong Yuen Fong & Benn Lim

Individual Member & Munpong Electrical Distributors Sdn Bhd

Trophy & Jaya Jusco Vouchers RM600

Mixed Doubles Event

Champion

Sow Mun Ho & Josephine Yip Wai Teng

AWS (M) Sdn Bhd

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Technical Visit to DBKL ITIS

On 22nd July 2010, TEEAM organised a technical visit to City Hall Kuala Lumpur (DBKL) Integrated Transport Information System (ITIS) which is located at Bukit Jalil, Selangor. Some 22 members participated in the visit, headed by Ir Chew Shee Fuee (TEEAM Vice President). On hand to receive the TEEAM delegation was Mr Che Bakri Che Mod (Deputy Director of ITIS, City Transport Department, DBKL) and his officials. A briefing on ITIS was presented by Mr Muhammad Fadly Mohd Khalid (Electrical Engineer of ITIS, City Transport Department, DBKL).

ITIS is a design-build project which was funded by the Federal Government. The ITIS project was awarded in August 2002 and started operations since December 2005. It incorporates the latest technology in traffic management to manage traffic in and around the Klang Valley area and has wide reaching applications that go beyond simply gathering information on traffic conditions.

The two core support systems, namely the Advanced Traffic Management System (ATMS) and the Advanced Traveller Information System (ATIS) provide the foundation for the ITIS system. The ITIS will provide the basis for future deployment of other ITS applications and services.

With these two core systems, ITIS forms an efficient means of gathering, processing and disseminating information on traffic situations. Information processed from ITIS is then used to improve transport efficiency, road safety/traffic conditions, emergency response times and traffic incident management.

ITIS Coverage Area

The initial spread of CCTV monitoring cameras, vehicle detection systems and variable message signs (VMS) is concentrated along major roadways encircling Greater Kuala Lumpur and all key major radial roads in and out of the city. With the exception of KL-Seremban Expressway and the Federal Highway (Route II) Shah Alam-Klang stretch, the coverage excludes tolled highways as they are already equipped with independent traffic control surveillance systems. The length of roadways covered by ITIS is about 200 kilometres.

Its Benefits

Intelligent Transport systems such as ITIS have been widely and successfully implemented in major cities around the world, bringing significant benefits to motorists and commuters, such as:



For the album – A group photo capped off the event.



Briefing on ITIS – Mr Muhammad Fadly Mohd Khalid (Electrical Engineer of ITIS, City Transport Department, DBKL) giving a briefing on ITIS.



Listen attentively – (seated front row from left) Ir Chew Shee Fuee (TEEAM Vice President), Dato' Ir Lee Peng Joo (TEEAM Immediate Past President cum Adviser), Mr Suresh Kumar Gorasia (TEEAM Past President) and Mr Che Bakri Che Mod (Deputy Director of ITIS, City Transport Department, DBKL).



Tour of the traffic control centre – Members had the opportunity to visit the control centre which consists of camera surveillance of major roads within the city.



Souvenir exchange – (left) Mr Che Bakri Che Mod (Deputy Director of ITIS, City Transport Department, DBKL) presenting a souvenir to Ir Chew Shee Fuee (TEEAM Vice President). Looking on are (from left) Mr Suresh Kumar Gorasia (TEEAM Past President) and Dato' Ir Lee Peng Joo (TEEAM Adviser).

- Allows informed decisions to be made on travel (ie choice of routes, modes and schedules)
- Enables real-time capture of traffic information for incident management and long-term transport planning
- Alleviates traffic congestion and delays during rush hour periods and emergency situations
- Reduces accidents, their severity and impact on the highway
- Improves emergency assistance for motorists and commuters
- Reduces travel time and promotes more uniformed traffic flow
- Reduces pollution as a result of less time idling in traffic
- Provides comfort, safety and security in highway travel particularly around construction zones
- Improves utilisation of available road capacity
- Improves quality of life in the Klang Valley

Members who wish to learn more about the ITIS may log on to <http://www.itis.com.my>.



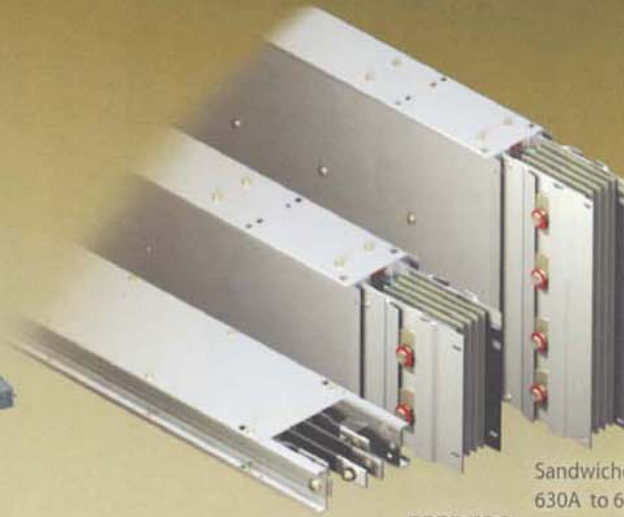
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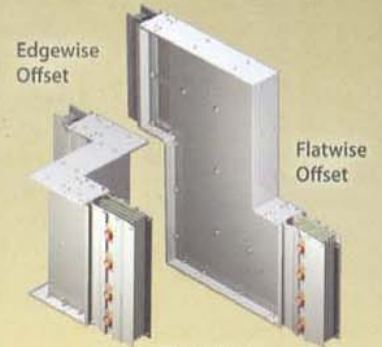
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State Associations News



Sabah Electrical Association

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pes233@streamyx.com

PES Community Project – Asrama Borombong

Some one said, the greatest reward in giving is seeing the smiles on the faces of children that appreciate your gifts. A gesture that comes from the heart that neither demands nor expects but sincerely acknowledge. This is the reward the members of the Sabah Electrical Association (PES) received from the beneficiaries of PES members' contributions for boys and girls of Kampung Borombong.

Housed in a debilitated shelter is a temporary home for 29 children whose age ranges from 7 to 15 years old. Prior to this, these boys and girls trekked about four hours to school and the same time for the homeward journey for an education that hopefully may improve their lives.

PES which accidentally stumbled on their plight when one of the committee members Mr Bunny Teh who carried out a Luar Bandar Electrification Project (BELB) discovered the trauma. He was informed by the Caretaker, who is a mother of one of the children that they survived on donations which were barely sufficient to feed and cloth the children. He reported the case at the next PES committee meeting.

PES President and Committee Members immediately brought food, daily needs and repair kits to fix the Asrama. Since then PES has been paying regular visits with daily essentials to Asrama Borombong.

PES is planning to acquire a piece of land nearby to put up a permanent structure with all the basic amenities in place. It is hoped that by dignifying the existence of these children, they will experience a more conducive atmosphere for learning and will grow up to be responsible and caring citizens.

For those who wish to lend their hands, please contact PES President Mr Woo Soo Poo or PES office.



Children's hope from society – The sincere smiles on their faces.



Living condition – Cooking gas is a luxury.



Home after school – Asrama Borombong.

Visit to KKIP Power Sdn Bhd

Recently KKIP Power Sdn Bhd, Sepangar Bay, Kota Kinabalu organised a half day technical briefing session specifically for PES members. The session was chaired by Ir S Y Cheng, CEO of KKIP Power Sdn Bhd. Some 35 PES Committee Members and Members headed by Mr Woo Soo Poo (President) and Mr C S Wong (Vice President) joined the session.

Through powerpoint presentation, Mr Albert Chia (Senior Engineer of KKIP) explained the system operation, power supply standard, application requirement and procedures on KKIP Power Sdn Bhd.

To have a better understanding of KKIP Power Sdn Bhd, a site visit to its 66 kV Main Intake Station was arranged. On hand to receive PES were Mr Kenny Lok (Chief Engineer) and his staff.

All participants were very pleased with the Q&A session and the explanations given during this visit. The visit was capped off with a seafood lunch hosted by KKIP Power Sdn Bhd.



For the album – A group photo taken at KKIP Power Sdn Bhd Main Intake Station.

Visit to Expo 2010 Shanghai, China

On 25th June 2010, some 20 PES members and their spouses departed from Kota Kinabalu, Sabah via Brunei to Shanghai, China for a 6-day 5-stars tour to Expo 2010 Shanghai.

The Expo successfully attracts over 500,000 visitors everyday. Participating countries and international organisations in the expo took up about 245 pavilions. It was a long queue to visit each pavilion, for example 6 hours' queue at China Pavilion, 5 1/2 hours at Saudi Arabia Pavilion and many hours for the other pavilions. It was a successful and enjoyable fellowship tour for PES members.



Excitement! – A group photo taken at the entrance of Expo 2010 Shanghai, China.

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..... Continue State Associations News

Johor Bahru Electrical & Electronics Association



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Seminar on Low Harmonic Solution

Members of the Johor Bahru Electrical and Electronics Association (JBEEA) actively participated in a seminar organised by ABB on Low Harmonic Solution at Danga Bay City Mall, Johor on 5th May 2010. The purpose of the seminar was to create public awareness on the benefits of low harmonic solution and its application.

Display of products – Participants viewing ABB's range of products.



At the seminar – Some 23 members of JBEEA participated in the seminar.

JBEEA 32nd Anniversary Dinner & Karaoke Contest

On 17th July 2010, JBEEA celebrated its 32nd Anniversary Dinner at Restaurant Daiman Pekin, Johor. TEEAM Deputy President, Ir Steven Ng Khoon Hwa who represented TEEAM, congratulated JBEEA for the happy occasion. The highlight of the dinner was a karaoke contest. Some 330 guests attended the dinner.



Cheers! – JBEEA Committee Members wishing every guest good health and blessed with good business.



Karaoke contest – Group photo with winners of karaoke contest accompanied by the sponsor, Fook Yu Electrical & Building Contractor Sdn Bhd, (from left) Mr Lai Cheng Kwee (Datuk Lai Chin Fook's representative), Mr Leong Kam Meng (JBEEA Chairman), Ir Steven Ng Khoon Hwa (TEEAM Deputy President) and (right) Mr Tiow Yok Seng (JBEEA Organising Committee Chairman).

Meeting with TNB

On 1st July 2010, JBEEA held a meeting with TNB, Johor Bahru. The meeting was chaired by the State General Manager, Datuk Ir Mohd Aminuddin and accompanied by his officials, Hj Abdul Rashid (Johor Chief Engineer) and En Mohamed Noh



At the meeting – Some issues being discussed with TNB JB.

(Senior Manager of Customer Service & Marketing, Johor Distribution Division). JBEEA Chairman Mr Leong Kam Meng led 7 officials to the meeting, including Mr Lee Chee Boon (Vice Chairman), Mr Leong Heng Peng (Honorary Secretary), Mr Wong Chen Choy (Committee Member), Mr Wong Jiunn Shyong (Committee Member), Members: Mr Steven Lim and Mr Eddie Chang; and Programme Planner, Ms Irene Chew. The meeting aimed to discuss issues of concern and to establish a good working relationship with TNB JB.



The Perak Electrical Association

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47th Anniversary Dinner

The Perak Electrical Association (PEA) celebrated its 47th anniversary dinner on 14th August 2010 at Sun Lee How Fook Restaurant, Ipoh, Perak. Some 500 guests attended the dinner. Engr Fu Wing Hoong (TEEAM President) was invited as the Guest of Honour. TEEAM officials who attended the event included Ir Steven Ng Khoon Hwa (Deputy President), Dato' Ir Lee Peng Joo (Immediate Past President cum Adviser), Ir Chew Shee Fuee (Vice President), Engr Leong Kam Seng (Vice President), Mr Ho Khai Hong (Honorary Secretary), Mr Jack Soon Lee Hock (Assistant Honorary Secretary) and Council Members: Mr Chong Yoon Koon, Mr William Young Chee Keong and Mr Lawrence Lai Kun Hoong.



Happy occasion – Bottoms-up to every guest.



Yum Seng! – PEA officials and TEEAM President proposing a toast to all attendees.



Souvenir exchange – (centre) Mr Wan Kam Weng (PEA President) receiving a souvenir from Engr Fu Wing Hoong (TEEAM President).



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..... Continue State Associations News



Penang Electrical Merchants' Association

No. 171A, Malacca Street, 10400 Penang.
Tel: 604 - 229 0195 Fax: 604 - 228 4233
E-mail: pema@streamyx.com
Website: www.pema.org.my

Penang Electrical Merchants' Association

The Penang Electrical Merchants' Association (PEMA) held its 62nd Annual General Meeting (AGM) and Election of Office Bearers 2010 – 2011 at the association's premises on 28th March 2010. Mr Teoh Yew Yean was re-elected as the President of PEMA.

Office Bearers of PEMA for the term 2010 – 2011

Trustees	Kee Eng Leong , Koh Ah Tee Ir Chen Chin Peng Ong Choong Siang
Association Advisers	Lai Chang Hun, Foo Sing Tatt Lee Thean Chor, Ir Chen Chin Peng Chiem Boon Kooi
President	Teoh Yew Yean
Deputy President	Cheah See Yeong
Immediate Past President	Dato' Hong Yeam Wah
Honorary Secretary	Ir Chong Yew Lam
Assistant Honorary Secretary	Khaw Tatt Siew
Honorary Treasurer	Tang Keem Hoong
Council Members	Ooi Kok Kee Choo Kwang Wah Chee Soon Chin Lim Kim San Ir Lee Weng Keen Lee Boon Hoe Lee Kuan Meng Tang Lye Hock Neoh Boon Tong
Committee Chairman	
Contractors' Committee	Lee Boon Hoe
Suppliers / Trading Committee	Neoh Boon Tong
Manufacturers' Committee	Chee Soon Chin
Technical Committee	Ir Lee Weng Keen
Disciplinary Committee	Choo Kwang Wah
Constitution / By-Law Committee	Dato' Hong Yeam Wah
Welfare Committee	Khaw Tatt Siew
Recreation Committee	Lim Kim San
Property Committee	Lim Kim San
Membership/Recruitment Committee	Lee Kuan Meng
Education Fund Committee	Ooi Kok Kee
External Affairs Committee	Tang Lye Hock
IT & Multimedia Committee	Ir Lee Weng Keen
Technical Advisers	Ir Beh Hong Pin Ir Chen Chin Peng Ir Thean Kah Kong Ir Tan Yeow Joo Ir Tan Tea Hwa
Legal Adviser	Lena Leong Oy Lin
Honorary Auditor	Lau Kok Kon

Attending PES 13th Anniversary Dinner

PEMA President, Mr Teoh Yew Yean together with TEEAM officials attended the Sabah Electrical Association (PES) 13th Anniversary Dinner which was successfully held on 31st January 2010 in Kota Kinabalu, Sabah. A friendly golf and networking session with the State Association members were organised.

Factory Visit

The Recreation Committee organised a factory visit to Southern Cable Sdn Bhd and Olympic Master Sdn Bhd at Kuala Ketil Industrial Estate, Kedah on 10th June 2010. About 25 members participated in the visit. The visit aimed to have a better understanding of their latest technologies, generate business contacts and network with their company personnel.

62nd Anniversary Dinner

PEMA hosted its 62nd Anniversary Dinner at the Stone Bay Restaurant, Penang on 30th May 2010. Entertainment show, karaoke, lucky draw and new membership certificate presentation were some of the highlights of the night. More than 500 members and guests attended the celebration. PEMA President, Mr Teoh Yew Yean presented membership certificates to all new members during the celebration.

Academic Award 2010

PEMA Academic Award 2010 was held on 1st August 2010 at the Bukit Jambul Country Club, Penang. More than 150 members including their employees and families attended the award presentation. A total of 51 recipients were rewarded for their academic excellence in the UPSR, PMR, SPM & STPM examinations. The total cash payout was RM 8,600.00. PEMA presented TEEAM Book Prize to 6 recipients from USM on TEEAM's behalf. The awards were presented by Mr Teoh Yew Yean (PEMA President), Dato' Hong Yeam Wah (Past President) and Mr Ooi Kok Kee (Education Fund Chairman).

An educational talk was presented by Mr Chan Phaik See from the Amithaba Buddhist Society. In the talk she shared with the audience an ethical topic on 'Filial Piety Comes Before Any Good Works' which was conducted in Mandarin with the aids of multimedia. Copies of the moral educational DVD were given to the audience as souvenirs. It is hoped that the talk would remind us and the young of our moral obligation and responsibilities and act accordingly. PEMA President congratulated all successful recipients on their hard work and for fulfilling their parents' aspiration. Mr Teoh presented a souvenir to the speaker, Ms Chan Phaik See and a group photograph of the successful recipients capped off the event.

Electrical Association of Sarawak & Sabah (EASS)

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E-mail: sibuccci@gmail.com

AGM

The Electrical Association of Sarawak & Sabah (EASS) held its 27th Annual General Meeting and Election for the term of 2010-2012. Mr Hii Hua Chuon was re-elected as the Chairman of EASS.

Following are the proposed Constitution changes which were approved at the AGM:

- (1) additional 3 Vice Presidents (VPs) (with one representative from Sabah), ie from 3 VPs increase to 6 VPs
- (2) Election will be held every 3-years instead of every 2 years
- (3) Committee Meeting will be held every 6 months instead of every 3 months
- (4) Additional 2 English Secretaries, ie one position for Secretary & another one for Assistant Secretary



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Website: www.tms.com.my

..... Continue State Associations News



AGM – A group photo capped off the event.

Office Bearers of EASS for the term 2010-2012

Chairman	Hii Hua Chuon
Deputy Chairman	Tiong Chiong Kiing
1st Vice-Chairman	Tie Deck Bee
2nd Vice-Chairman	Lee Joon Lee
3rd Vice Chairman	Datuk Hii Hua Seng
Secretary	Young Leh Luang
Assistant Secretary	Yu Hieng Jeong
Treasurer	Ling Kung Leh
Assistant Treasurer	Wong Choo Tiong
Supervisor	Goh Yew Hwong
Assistant Supervisor	Wong Ding Hie
Public Relation Officer	Ong Chet Kieng
Welfare Officer	Toh Kah Wuong
Committee Members	Tiong Chen Kwong Chua Siew Yiing Cr Lai Chiong Ann Wong Yuk Soon Sia Wee Ching Law Hieng King Lee Kuok Siong Siew Ik Kieng
Contractor Officer-in-charge	Hii Tao Chin
Contractor Assistant Officers-in-charge	Lau Kah Yii, Kapitan Ng Kian Ko
Supplier Officer-in-charge	Goh Kee Hin
Supplier Assistant Officer-in-charge	Siet Hieng Ung
Air-conditioner Officer-in-charge	Lau Kiing Yiing
Air-conditioner Assistant Officer-in-charge	Moh Kee Tung
Air-conditioner Assistant Officer-in-charge	Ting Hung Ching
Wireman Grade-I Officer-in-charge	Wong Hock Chin
Wireman Grade-I Assistant Officers-in-charge	Hii Lu Hui, Andam Ak Abong
Wireman Grade-II Officer-in-charge	Sii How Siang
Wireman Grade-II Assistant Officer-in-charge	Hu Kheng Wei
Technician Officer-in-charge	Ding Tiing Hoh
Technician Assistant Officers-in-charge	Ling Chai, Ling Ting Mong
Education Officer-in-charge	Lau Ting Hui
Education Assistant Officer-in-charge	Chia Yik Chong
Tourism Officer-in-charge	Teu Sze Wang
Tourism Assistant Officer-in-charge	Wong Kie Sing
Chargeman Officer-in-charge	Ngu Tien Puan
Chargeman Assistant Officer-in-charge	Teng Mee Kong

Academic Excellence Awards

EASS held its 8th Academic Excellence Awards Presentation for its members' children who achieved outstanding academic results in government examinations. There were 16 recipients. During the awards presentation, special awards were also presented to six Council Members for their hardwork and full attendance at Council Meetings.



Nelson Hii Hie Sheng – An STPM recipient (left) receiving an award.

Delegation to Japan

On 9th April 2010, the EASS successfully organised a delegation to Japan. Some 36 members joined the group and visited the Japan Electricity Transmission Facility. The design of the high tension cable is different from other countries. The network of electricity transmission is very tidy and very special in such a high population nation.



Cheers! – A group photo taken at the foot hill of Mount Fuji, Japan.

Tender of Government Projects

At its AGM, the Chairman of EASS, Mr Hii Hua Chuon appealed to the Ministry of Works to open more public tenders on M&E projects for fair competition. In recent years, there were many direct tenders from government authorities such as police station, government school, radio station, immigration and hospital. As such, the Ministry has reduced its tender offers to the public. He hoped that the Ministry can consider reviving the earlier electrical engineering contracting practice. Mr Hii appealed to the Ministry to establish more working plans and to apply for more working fund from the government to strengthen the development of the society.

Other State Association Members' contacts:

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Negeri Sembilan Electrical Engineering Association

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Malacca Electrical Contractors and Traders Association

No. 389-G1, Taman Pringgit Jaya,
Jalan Mata Kuching, 75400 Melaka.
Tel: 606 - 283 8688 Fax: 606 - 781 1466



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OR

Tel : 603-5124 7730 Fax : 603-5124 7103

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New Books in Our Library

Informative reference materials are available in our Library. The Library is open to members from 9:00 am to 5:45 pm, Monday to Friday.

Title : ACCCIM Bulletin, July 2010
 Publisher : The Associated Chinese Chambers of Commerce and Industry of Malaysia

Title : AFME Directory
 Publisher : Association of Electrical Materials & Equipment, Spain

Title : Berita FMM, Jan-Feb & Mar-Apr 2010
 Publisher : Federation of Malaysian Manufacturers

Title : Berita KLSCCCI, January-March & April-June 2010
 Publisher : The Chinese Chamber of Commerce & Industry of Kuala Lumpur and Selangor

Title : Bina Integriti, April – June 2010
 Publisher : Construction Industry Development Board Malaysia

Title : Build Info, January, April & May 2010
 Publisher : Construction Industry Development Board Malaysia

Title : CIDB News Issue 1/2010 & 2/2010
 Publisher : Construction Industry Development Board Malaysia

Title : Contact Malaysia, Vol 1, 2010
 Publisher : The Chartered Institute of Building

Title : EUMCCI Review, April & July 2010
 Publisher : European Union-Malaysia Chamber of Commerce and Industry

Title : FMM Directory 2010, 41st Edition
 Publisher : Federation of Malaysian Manufacturers

Title : Global Recognition, 2009 Annual Report
 Publisher : Department of Standards Malaysia

Title : HKECA Newsletter, April-June & July-September 2010
 Publisher : Hong Kong Electrical Contractors' Association

Title : IEEMA Journal, July, August & September 2010
 Publisher : Indian Electrical & Electronics Manufacturers' Association

Title : IEM Directory 2009/2010
 Publisher : The Institution of Engineers, Malaysia

Title : IEM Journal, No. 2, 2010
 Publisher : The Institute of Engineers, Malaysia

Title : Industrial Automation Asia, August 2010
 Publisher : Eastern Trade Media Pte Ltd

Title : Jurutera, April, June & September 2010
 Publisher : The Institute of Engineers, Malaysia

Title : Malaysia Export Exhibition Centre 2010 Directory
 Publisher : Malaysia External Trade Development Corporation

Title : Malaysia International Trade and Industry Report 2009
 Publisher : Ministry of International Trade and Industry Malaysia

Title : MASSA News, April 2010
 Publisher : Malaysia South-South Association

Title : Master Builders Journal, Vol 1 & Vol 2, 2010
 Publisher : Master Builders Association Malaysia

Title : MGCC Quarterly, May/June & July/August 2010
 Publisher : Malaysian-German Chamber of Commerce and Industry

Title : Performance & Statistical Information 2008
 Publisher : Energy Commission

Title : Productivity Report 2009
 Publisher : Malaysia Productivity Corporation

Title : Protection Automation and Control Magazine, September 2010
 Publisher : PAC World

Title : Recommendations for Small Renewable Energy and Hybrid Systems for Rural Electrification - Part 3: Project Development and Management
 Publisher : Department of Standards Malaysia

Title : Recommendations for Small Renewable Energy and Hybrid Systems for Rural Electrification - Part 4: System Selection and Design
 Publisher : Department of Standards Malaysia

Title : Special Release for Mechanical and Electrical Works, May, June & July 2010
 Publisher : Department of Statistics, Malaysia

Title : Standards & Quality News, No. 01/2010
 Publisher : SIRIM Berhad

Title : Study on Standardisation Needs for Malaysia 2008
 Publisher : SIRIM Berhad

Title : Suara Perunding, 2nd Quarter 2010
 Publisher : Association of Consulting Engineers Malaysia

Title : Super Pages 2010/2011
 Publisher : Super Pages Media Sdn Bhd

Title : Tenaga Link, Vol. 4/09
 Publisher : Tenaga Nasional Berhad

Title : Tenth Malaysia Plan 2011-2015
 Publisher : Economic Planning Unit, Prime Minister's Department, Malaysia

Title : The Ingenieur, June-August 2010
 Publisher : Board of Engineers Malaysia

Title : The Strategist Vol. 2, 2010
 Publisher : Asian Strategy & Leadership Institute

Title : Trademart, May-June & July-August 2010
 Publisher : Malaysia External Trade Development Corporation

Title : 2009 Annual Report
 Publisher : Department of Standards Malaysia





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•Tel/Fax: +603-2143 0518 •Email: qcb-tech@live.com

For enquiries, please connect with:

Jason Lee, Director - Sales & Marketing

•Mobile: 013-389 7320



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New Members

The following new members have been approved and accepted by the TEEAM Council (as at 25th August 2010). A warm welcome to all the new members and special appreciation is extended to those who introduced these new members. For those who are not yet members..... why wait? Join us and find out how our association can offer our services to you.

<p>Active Hi-Tech Engineering Sdn Bhd 5-2-2, Jalan 6/62D, Medan Putra Business Centre, Off Jalan Damansara, 52200 Kuala Lumpur. Tel: +603-6275 8687 Fax: +603-6276 8687 E-mail: ahte@streamyx.com Contact Person: Mr Richard Yip Kean Man <i>Business: Trading of switchboards, switchgears, transformers and accessories.</i></p>	<p>Havells Sylvania (Malaysia) Sdn Bhd Suite 3.1, Level 3, Menara IMC, 8, Jalan Sultan Ismail, 50250 Kuala Lumpur. Tel: +603-2031 8788 Fax: +603-2031 4788 E-mail: info.my@havells-sylvania.com Website: www.havells-sylvania.com Contact Person: Mr Joe Ong <i>Business: Trading of lighting & fixture.</i></p>
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<p>Exproof Industries & Services Sdn Bhd 46, Jalan SS 22/21, Damansara Jaya, 47400 Petaling Jaya, Selangor Darul Ehsan. Tel: +603-7728 6250 Fax: +603-7728 6290 E-mail: exis@exis.my Website: www.exis.my Contact Person: Ir Hj Mohamad Naguib Mahfodz <i>Business: Explosion-proof engineering solutions & services.</i></p>	<p>Jana Tanmia (M) Sdn Bhd No. 11, Jalan Kota Raja H27/H, Seksyen 27, Hicom Town Centre, 40400 Shah Alam, Selangor Darul Ehsan. Tel: +603-5191 4505 Fax: +603-5191 4508 E-mail: enquiry@janatanmia.com.my Website: www.janatanmia.com.my Contact Person: Encik Mohd Zaidi Kamdin <i>Business: Maintenance, construction and engineering.</i></p>
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<p>Day Brite Industrial Manufacturing Sdn Bhd 14, Jalan Anggerik Mokara 31/44, Kota Kemuning, 40460 Shah Alam, Selangor Darul Ehsan. Tel: +603-5121 1887 Fax: +603-5121 5187 E-mail: june@dbim.com.my Website: www.dbim.com.my Contact Person: Ms June Lum Lai Jiun <i>Business: Lighting.</i></p>	<p>Lightning Protection System Sdn Bhd No. 42-4, Jalan 11/116B, Kuchai Entrepreneurs' Park, 58200 Kuala Lumpur. Tel: +603-7980 5911 Fax: +603-7980 4862 E-mail: info@lpsystem.com Website: www.lpsystem.com Contact Person: Mr Mak Ming Hung <i>Business: Manufacturer of lightning protection system.</i></p>



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Kuching Branch :
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Drycell batteries



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Son ballast, Sodium lamp



Bussman Fuses



Siemens Motors / Drives



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<p>Systemair Sdn Bhd Lot 3692 Kampung Jaya Industrial Area, Jalan Kusta, 13 1/2 Miles, 47000 Sungai Buloh, Selangor Darul Ehsan. Tel: +603-6157 1177 Fax: +603-6156 6618 E-mail: info@systemair.my Website: www.systemair.com Contact Person: Mr Tan Chor Meng <i>Business: Trading & manufacturing of ventilation and exhaust fans.</i></p>	<p>RD-Palmer Technology (M) Sdn Bhd No. 9G, Jalan Prima 9, Metro Prima Business Centre, Kepong, 52100 Kuala Lumpur. Tel: +603-6250 2071 Fax: +603-6250 2072 E-mail: info@rd-palmer.com.my Website: www.rd-palmer.com Contact Person: Ms Lim Bee Eng <i>Business: Distribution & services for underground utility detection / monitoring system.</i></p>
<p>Prime Project & Engineering Services No. 3-16A-1, Jalan Desa 2/2, Desa Aman Puri, Kepong, 52100 Kuala Lumpur. Tel: +603-6275 2155 Fax: +603-6280 1179 E-mail: prime_ppes@yahoo.com Contact Person: Mr Lai Sea Sen <i>Business: Electrical contractor.</i></p>	<p>Strength Electrical (M) Sdn Bhd 578-B, Jalan Samudra Utara 2, Taman Samudra, 68100 Batu Caves, Selangor Darul Ehsan. Tel: +603-6188 2998 Fax: +603-6187 1016 E-mail: strengthelect@yahoo.com Contact Person: Mr Khor Hoe Chuan <i>Business: Electrical engineering.</i></p>
<p>Puncak Generasi (M) Sdn Bhd Lot 132, Kawasan Perindustrian Semambu, 25350 Kuantan, Pahang Darul Makmur. Tel: +609-5661 819 Fax: +609-5662 911 E-mail: admin@grandspektra.com.my Website: www.grandspektra.com.my Contact Person: Mr Fu Toi Ting <i>Business: Manufacturing of switchboards.</i></p>	<p>Saharil Holdings Sdn Bhd PTD 154825 Jalan Pesona, Daiman 18 Golf Course, Taman Johor Jaya, 81100 Johor Bahru, Johor Darul Takzim. Tel: +607-352 2117 Fax: +607-352 5119 E-mail: saharil1@streamyx.com Contact Person: Encik Saharil Irwan Md Sa'ad <i>Business: Mechanical & electrical contractor.</i></p>
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<p>LKS M & E Sdn Bhd No. 10, Jalan Seroja 54, Taman Johor Jaya, 81100 Johor Bahru, Johor Darul Takzim. Tel: +607-355 1951, 354 9822 Fax: +607-353 9962 E-mail: lks1054@gmail.com Contact Person: Mr Low Kai Seong <i>Business: Sell, install, repair, maintain, service all kinds air-conditioner & electrical, mechanical, electronic products.</i></p>	<p>W. W. Electrical & Mechanical Sdn Bhd 25, Jalan Seruling 47, Kaw. 3, Taman Klang Jaya, 41200 Klang, Selangor Darul Ehsan. Tel: +603-3324 7764, 3323 1993 Fax: +603-3323 1779 E-mail: wweandm@tm.net.my Contact Person: Mr Y W Chong <i>Business: Electrical and mechanical contractor.</i></p>
<p>Zeta Letrik Sdn Bhd No. 40-5, Jalan Metro Pudu, Fraser Business Park, Off Jalan Yew, 55100 Kuala Lumpur. Tel: +603-9223 3433 Fax: +603-9223 3430 E-mail: zetaletrik@gmail.com Contact Person: Mr Lim Choe Khang <i>Business: M & E contractor.</i></p>	<p>Wong Yuen Fong No. 49, Lorong Yap Hin, Off Jalan Pasar, Pudu, 55100 Kuala Lumpur. Tel: +603-9222 8820 Fax: +603-9222 8828 Mobile: +6017-2811 850 E-mail: bennlim33@yahoo.com <i>Business: Trading of industrial & construction electrical material.</i></p>
<p>Wong Chin Peng 12, Jalan PU 8/7B, Taman Puchong Utama, 47100 Puchong, Selangor Darul Ehsan. Mobile: +6012-268 5537 <i>Business: Wholesale.</i></p>	<p style="text-align: center;">Find out the benefits of joining TEEAM www.teeam.com</p>



TEEAM Fellowship Gathering

Date : **4th December 2010** (Saturday)

Venue: TEEAM Building

Address: No. 5-B, Jalan Gelugor, Off Jalan Kenanga, 55200 Kuala Lumpur

Time: 7.00 pm - 10.00 pm

Commitment Fee : RM 30.00 (Free flow beer & satay)

TEEAM is organising a gathering to foster fellowship among members. There will be karaoke, free flow beer, satay, snacks and titbits. There is no fee charged to attend, but common courtesy demands that once confirmed, the registered participant must attend – or at least sends a replacement, otherwise the commitment fee will not be refunded.

Members are encouraged to bring along business associates / friends who are targeted to join TEEAM as we are going on a membership recruitment drive. However, priority will be given to members and places are limited to 60 pax on a first come, first served basis.

RSVP before 4th November 2010 to the TEEAM Secretariat

Tel: +603-9221 4417, 9221 2091

Commitment fee can be made to "The Electrical and Electronics Association of Malaysia" and send to TEEAM.

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TEEAM Specialised Group – Manufacturing

By the Chairman, Mr Yap Ching Kiat.

Since the last issue of Suara TEEAM, we have been bombarded with various government announcements on the economic front, namely, the NEM (New Economic Model), NKRAAs (National Key Result Areas), NKEAs (National Key Economic Areas), 10th and 11th Malaysia Plans, Green Tech, Low Carbon Footprint, etc. All these will affect our industry and we are glad to announce that TEEAM have been participating actively in all these activities. As such, I urge TEEAM members as well as friends of TEEAM members in the Electrical and Electronic (E&E) industry to study these government initiatives closely and actively participate in various special task forces to help formulate or influence the formulation of policies for the benefit of everybody, rather than to react only when a government policy affects them negatively.

In the last issue of Suara TEEAM, I have listed the issues TEEAM had put forward to the government for the formulation of the 10th Malaysia Plan. We felt the same issues are relevant in the NEM, NKRAAs, NKEAs, etc. and accordingly had raised them to the authorities with slight modifications to suit the occasion.

We are glad to announce that one of the issues raised, that is the 'Lighting issue', has been resolved with the Ministry of Finance rescinding PKP 1/2006.

We are in the process of finding our way to the right department of the Ministry of Finance with regard to the 'Use Local Products/Services Policy'. In the last MITI Dialogue in April 2010, we have got the attention of the MOF officials attending the dialogue.

The other issues are still 'Work in Progress' and we will persist until our government sees the benefits of what we have raised to transform Malaysian companies into international players, with our brands.

Meanwhile, on the NKEAs the E&E sector remains one of the 12 Key Areas. TEEAM had participated in the Lab of various ministries to formulate the plans including the much publicised PEMANDU LAB. Herein, I have to express my regret that private sector participants were told to be very open-minded and assume that whatever is needed will be given, but the ab leader and the consultant for the E&E sector have a fixated way of how to present and justify for a requested project. It is because of this fixated approach on the part of the lab leader and its Consultant that we

have difficulty in justifying the importance of a National Electro-technical laboratory outside SIRIM for the development of the Local E&E industry.

In the recent PEMANDU presentation to the public, the lab concluded the following, among others (read the PEMANDU report):

- the value added in the supply chain of the E&E manufacturing industry is very narrow,
- that we cannot rely solely on FDI to propel the E&E industry as FDI's are very mobile,
- to make Malaysia the second largest exporter of solar panels from the current third position, and
- to make LED a main driver of the E&E industry.

While we fully agree with (a) and (b), we are very concerned with (c) and (d) because both are FDI driven and value added by local companies will remain as identified in (a).

Worst still, the government, in the name of promoting these two industries and 'Green Tech' is spending hundreds of millions to find market in Malaysia for Solar Panels and LED lighting in government projects, without stringent technical and cost to benefit evaluation, and concern to local industries.

As it is, the E&E industry sector is already ECONOMICALLY COLONISED.

On the employment front, TEEAM is puzzled that the government is easing on the employment of expatriates provided their income is more than RM8,000 per month but making it very difficult to employ foreigners for jobs that Malaysians want to avoid in the name of making it easier to employ foreign expertise. RM8,000 is about USD2,400 or S\$3,500 This is fresh graduates' pay in US or Singapore. While jobs of RM8,000 is easily given to foreigners, the government is forcing our companies to employ locals to do the 3Ds and expect us to pay them more.

We will continue to engage the government so that attention is given to our local investors who are still small by any comparison due to our young industrialisation stage.



Mr Yap Ching Kiat



Jogathon 2010



Date: 14th November 2010
Time: 7:00 am – 10:00 am
Venue: Bukit Aman Car Park,
 Taman Tasik Perdana,
 Kuala Lumpur.

Registration: Contact TEEAM Secretariat
 Tel: +603-9221 4417, 9221 2091
 Fax: +603-9221 8212
 E-mail: teeam@streamyx.com /
 teeam52@gmail.com /
 teeam@po.jaring.my
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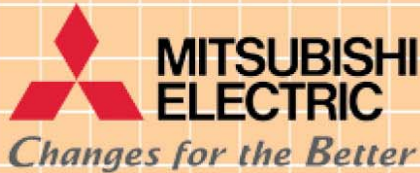
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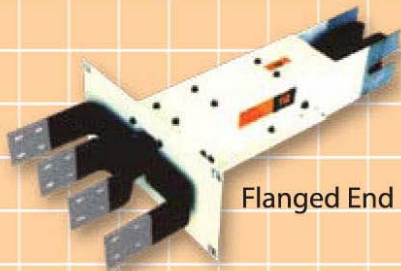
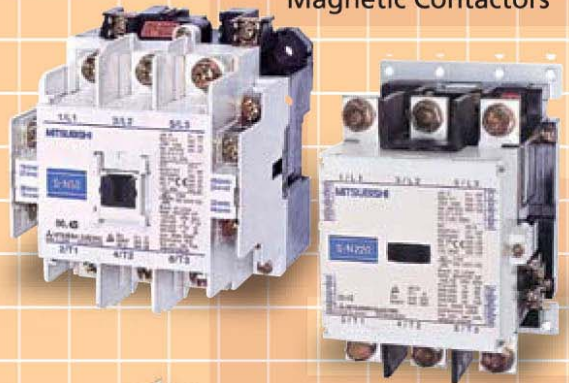
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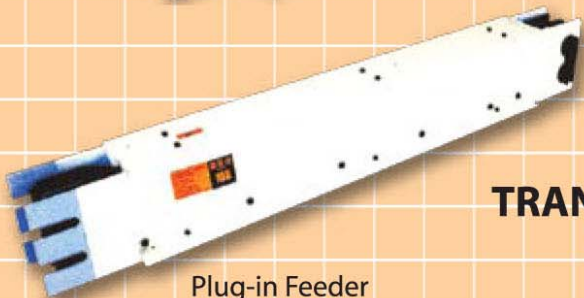
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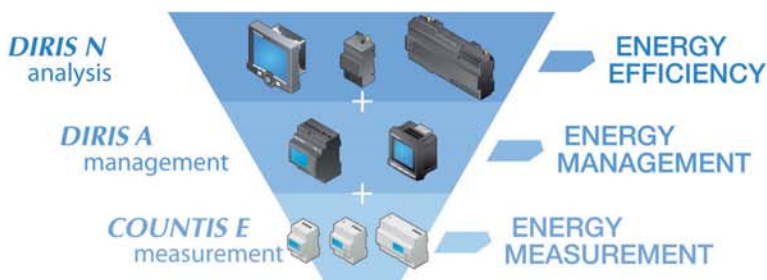


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Courtesy Visit from CEC

A 4-member delegation led by Mr Wei Zhaofeng, Vice President of the China Electricity Council (CEC), paid a courtesy visit to TEEAM on 1st June 2010. On hand to receive the visitors at TEEAM were Engr Fu Wing Hoong (President), Dato' Ir Lee Peng Joo (Immediate Past President cum Adviser), Mr Suresh Kumar Gorasia (Past President), Ir Steven Ng Khoon Hwa (Deputy President), Ir Chew Shee Fuee (Vice President), Engr Leong Kam Seng (Vice President), Mr Ho Khai Hong (Honorary Secretary) and Mr Jack Soon Lee Hock (Assistant Honorary Secretary). The courtesy visit aimed to establish contact with TEEAM, exchange market information and to discuss possible cooperation between both organisations.

Introduction on CEC

Founded in 1988, China Electricity Council is a consolidated organisation of all China's power enterprises and institutions which is also a non-profit social and economic organisation.

CEC commits itself to serving the government and the society, enforcing industrial management to serve the whole power sector in accordance with the industrial rules and regulations, and undertaking consulting service at the request of its members. At present the Council has 1,440 members, 10 classified branches and 9 specialty committees. The aim of CEC is to perform as a society and industry representative, just and modern industry association with service-oriented functions, inter-discipline talents, trans-regional network and high operating efficiency, with the ultimate objective to contribute more to the development of the power industry in China.

Power Generation

As the world's fastest growing economy and the second largest energy consumer, China is increasingly looking towards nuclear power to establish a balanced mix of energy generating methods. Nuclear power has become the third most important method of

electricity generation in China, following thermal and hydropower. The country's nine completed nuclear power generating units now account for about 2.3% of the total power output of China. The nation plans to increase nuclear generating capacity to 40GW and build 30 to 35 nuclear reactors by 2020 when nuclear power is projected to account for 4% of the nation's total generating capacity.

China's installed power generation capacity has exceeded 900 million kilowatts. China now has the world's largest hydro power capacity of about 200 million kilowatts and 22 million kilowatts of wind power capacity. China has long relied on coal to fuel its economic growth as about three quarters of its electricity output is produced by coal-fired power stations.

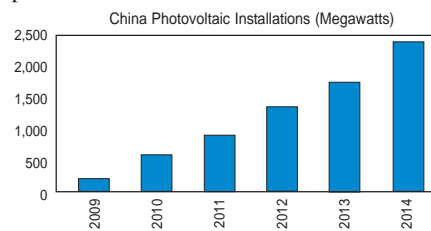
China has 10 million kilowatts of capacity at six nuclear power plants and plans to raise its nuclear power capacity to 60 million kilowatts by 2020. China's power consumption has reached 397.5 billion kilowatt-hours (kWh) in August 2010, up 14.69 percent year-on-year.

Photovoltaic

Photovoltaic (PV) power installations grew faster in China during 2009 than the government had planned. While official forecasts had originally expected PV power installations to reach 300 MW in 2010, projections indicate that the local industry will generate 580 MW this year.

China is currently the world's largest PV cell manufacturing country as well as the leading

global exporter. To encourage the development of the local PV industry, the Chinese government in March 2009 launched the Solar Roof and Golden Sun twin projects for subsidising domestic investment in PV power stations.



Conclusion

The discussion was very fruitful with interesting market information being exchanged. Both organisations look forward to mutual cooperation in the future.



Representatives from CEC - (from left) Mr Guo Wei (Deputy Director General), Mr Wei Zhaofeng (Vice President), Mr Liu Dongye (Deputy Director), Mr Tian Weidong (Deputy Director General).



TEEAM officials - (from left) Mr Suresh Kumar Gorasia (Past President), Mr Ho Khai Hong (Honorary Secretary), Dato' Ir Lee Peng Joo (Immediate Past President cum Adviser), Ir Steven Ng Khoon Hwa (Deputy President), Engr Fu Wing Hoong (President), Mr Jack Soon Lee Hock (Assistant Honorary Secretary), Ir Chew Shee Fuee (Vice President) and Engr Leong Kam Seng (Vice President).



Souvenir exchange - (right) Mr Wei Zhaofeng (CEC Vice President) exchanging souvenirs with Engr Fu Wing Hoong (TEEAM President).



A fruitful meeting - A group photo for the album.





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Challenges and Opportunities in Electrical Industry - Part 14

This paper is prepared by Ir Chew Shee Fuee, TEEAM Vice President.

Registration of Electrical Installations

The above has been known to many in the industry but due to poor administration, many installations either were not properly registered or kept up to date with the annual fees imposed.

Recently the Energy Commission (ST) has taken action to inform owners of installations that are in arrears of registration fees or not properly registered. It is quite simple to conclude that if you engage a Supervising Engineer, your installation needs to be registered. Even if you do not have any standby generator you are still required to register your installation. In some cases installations had been upgraded but the new set up has not been properly registered. This is usually an upgrade from low voltage to high voltage or upgrade of high voltage.

I hope that consultants will make the registration of installation as a requirement in the completion of the contract so that the owner may not be left with an installation that is not properly registered. It will be a lot of hassle to gather the necessary documents to fulfill the registration requirements after the installation has been completed over a long period of time.

The penalty for not registering the installation is a maximum fine of RM 25,000.00.

Number of Monthly Supervision Visits for Installations

The number of monthly supervision visits has been rather confusing to some. The ST's website quotes:

Regulation 67 (2) – The number of visits for the purpose of inspection by the competent person referred to in sub-regulation (1) shall be as follows:

- (a) for an installation not exceeding 600 volts and receiving electricity via a switchgear rated at or above 100 amperes, the minimum number of visits for the purposes of inspection per month shall be one visit;
- (b) for an installation exceeding 600 volts but not exceeding 11,000 volts, the minimum number of visits for the purpose of inspection per month shall be two visits; and
- (c) for an installation exceeding 11,000 volts but not exceeding 132,000 volts, the minimum number of visits for the purpose of inspection per month shall be four visits.

The above is extracted from The Electricity Regulations 1994. However a circular was

issued in 1999 making the following amendments to the above:

- (a) for an installation not exceeding 600 volts and receiving electricity via a switchgear rated at or above 100 amperes and up to 300A, the minimum number of visits for the purposes of inspection shall be one visit in three months; above 300A shall be one visit in three months (Commercial) and one visit per month (Industrial);
- (b) for an installation exceeding 600 volts but not exceeding 11,000 volts, the minimum number of visits for the purpose of inspection per month shall be one visit; and
- (c) for an installation exceeding 11,000 volts but not exceeding 132,000 volts, the minimum number of visits for the purpose of inspection per month shall be two visits.

We understand that the circular issued in 1999 is still valid.

TEEAM's Proposal on PF Requirement

The current TNB tariff requires power factor (PF) to have a minimum of 0.85 for voltages below 132 kV.

In view of the advantage of increasing power distribution if the PF requirement is improved, therefore it is necessary to propose a new PF requirement. The proposal is additional to the current PF requirement in the tariff structure.

TNB Requirement:

- (a) Below 0.85 and up to 0.75 lagging, a supplementary charge of one and one-half per cent (1½%) of the bill for that month for each one-hundredth part (0.01) below 0.85 and up to 0.75 lagging PF will be added to the bill for that month, and
- (b) Below 0.75 lagging, in addition to the charge payable under sub-paragraph (a) above, a supplementary charge of three per

cent (3%) of the bill for that month for each one-hundredth (0.01) part below 0.75 lagging PF will be added to the bill for that month.

Proposed additional requirement:

- (a) If PF is above 0.85 an incentive discount of one percent (1%) of the bill for that month for each one hundredth part (0.01) above 0.85 lagging PF will be added to the bill for that month.

The New Feed In Tariff

The implementation of electricity generation using renewable sources had been hampered by initial high costs. The payback period is far too long for any encouragement to use renewable energy sources. The government has finally decided to introduce the Feed In Tariff (FIT) and we hope it can be realised quickly. The cost of solar PV cells which has been reduced over the years will also promote the installation of grid connected Solar PV generation. The FIT will certainly accelerate the installation of Solar PV.

Smart Grid

Technology has enabled the development on the idea of smart grid. Particularly in view of the near future application of Electric Vehicles deployment of the smart grid is inevitable. It can regulate the optimum use of electric power by charging the cost of electricity according to the load demand and generation capability.

Smart meters will be the key players in the homes in order to take advantage of the best tariff available for all household appliances. Information from these meters can also assist the power producers to plan generation in the most efficient manner.

Smart grids are established in European and US cities claiming substantial savings upon investments.

Ir Chew Shee Fuee B.Sc. (Hons) (Strathclyde), PEng, CEng, FIEM, MIEE Member, IEEE Member, 1st Grade Electrical Engineer (Competent up to above 500 kV).

Ir Chew is the Vice President (Engineering Construction and Services) of The Electrical and Electronics Association of Malaysia (TEEAM). He was TEEAM President for 2001 - 2003 and 2003 - 2005. He is the Past President of the Asean Federation of Electrical Engineering Contractors (AFECC).

Ir Chew is the Managing Director of G. H. Liew Engineering (1990) Sdn Bhd and QATM Engineering Services Sdn Bhd. He graduated from the University of Strathclyde, Glasgow with a B. Sc (Hons) in Electrical & Electronics Engineering. He is a Professional Engineer and is also licensed by Energy Commission as a competent engineer (without voltage limits) and a service engineer to carry out electrical testing up to a voltage of 500 kV.

Ir Chew has more than 30 years experience in electrical control and relay protection. He is also specialised in electrical site tests on power equipment, electrical fault investigation, service and maintenance of electrical switchgear and relays. His work also includes electrical supervision of substations and electrical audit. He presents lectures on electrical apparatus and the protection system. He can be reached at E-mail: sfchew@ghliew1990.com





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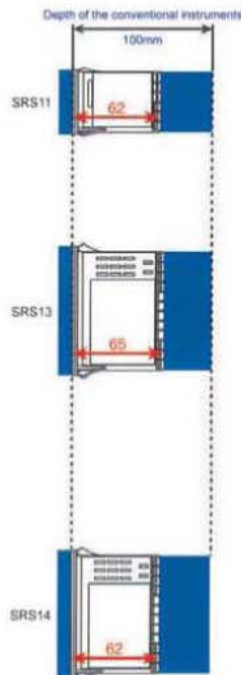
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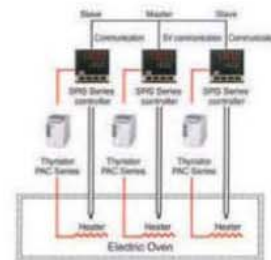
SRS13 Series (96x96)



SRS14 Series (48x96)

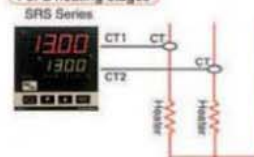


EXAMPLE OF TUNNEL FURNACE PROGRAM TEMPERATURE CONTROL

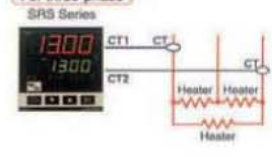


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A Silent Cry for Dark Skies

by Connie Walker, National Optical Astronomy Observatory.

Many of us live in a world of urban constellations, unable to see the stellar constellations a moderately dark sky would provide. We should ask ourselves whether this is the legacy we wish to leave our children. The dark sky is a natural resource that should be protected. The ongoing loss of a dark night sky for much of the world's population is a growing, serious issue that impacts not only astronomical research, but also human health, ecology and ecosystems, safety and security, and energy conservation. Up to \$10 billion dollars is wasted each year in the United States by lighting up the underbellies of birds and clouds. According to the United Nations, 2008 will be the first year in which 3.3 billion people, over half of the world's population, will live in cities. With the growth of large cities in Africa and Asia, the number of people living in cities could climb to 5 billion by 2030. As cities grow, so does their impact on the global environment.

In particular, light pollution has a negative influence on a variety of animals and plants in a variety of ways. It has been shown to disorient animals. Light pollution affects mating, alters predator-prey behavior, confuses migration, and influences animal physiology. Effects have been observed over a full range of taxonomic groups, including birds, reptiles, mammals, amphibians, fishes, invertebrates, and plants. Here in particular we will discuss the effects of nighttime artificial lighting on sea turtles, birds, frogs, salamanders, insects, plants and fish.

Sea Turtles

Constant artificial night lighting may disorient animals accustomed to navigating in the dark. The most well-known example of this is the disorientation of sea turtles hatching from nests on coastal beaches. Under normal circumstances, hatchlings move away from low, dark silhouettes (eg of dune vegetation), allowing them to quickly locate and crawl into the ocean. With beachfront lighting, the silhouettes that would have cued movement are no longer visible, resulting in disorientation. Lighting also affects the egg-laying behavior of female sea turtles.



Hawaiian Green Sea Turtle.

Birds

Birds can be disoriented by artificial lights at night. A prime example is juvenile seabirds as they leave their nests and fly out to sea. Lighted towers and tall buildings can confuse migrating and local birds, leading to collisions with other birds, structures or windows, or circling the lights until they die of exhaustion. Artificial lighting has attracted birds to smokestacks, broadcast towers, lighthouses, 8 boats, 9 greenhouses, oil platforms, and other structures at night. Estimates



Blacktailed Godwits.

by the U.S. Fish and Wildlife Service of the number of birds killed after being attracted to tall towers range from 4-5 million per year to an order of magnitude higher. The Fatal Light Awareness Program (FLAP) works with building owners in Toronto, Canada and other cities to reduce mortality of birds by turning out lights during migration periods.

Some evidence suggests that artificial lighting at night affects the choice of nesting sites for birds. One example is black-tailed godwits in wet grassland habitats. Over 2 years, breeding densities of godwits were recorded. Lighted and unlighted conditions near a roadway and near light poles were compared. When all other habitat factors were taken into account, the density of nests was statistically lower up to 300 meters away from the lighting at roadway and control sites. Researchers also noted that birds nesting earlier in the year chose sites farther away from the lights, while those nesting later filled in sites closer.

Frogs and Salamanders

Changes in light level may also disrupt orientation in nocturnal animals. Rapid increases in light can blind animals, like frogs. The recovery time for frogs may be minutes to hours.¹⁴ After getting used to a light, frogs may be attracted to it as well.¹⁵ Artificial night lighting may also affect reproductive behaviors. For example, female physalaemus pustulosus frogs, are less selective about choosing a mate choice when light levels are increased, presumably preferring to mate quickly and avoid an increased chance of predators. Sky glow around sports stadiums caused by artificial light at night can halt the mating activity of nearby frogs. Like nocturnal frogs, salamanders are also affected by light pollution. As nocturnal animals, they wake up when there is no light. Light pollution may cause salamanders to come out from undercover later, giving them less time to mate.



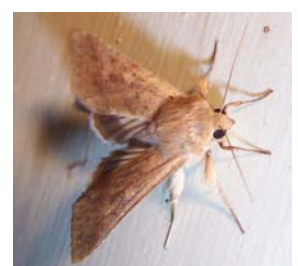
Elertherodactylus guttilatus.

Insects, Plants and Fish

Moths, like many groups of insects, are attracted to lights. Entomologists have documented that artificial light at night may interfere with the ability of moths and other nocturnal insects to navigate. As a result, night blooming flowers that depend on moths for pollination may be affected. This can lead to the decline of a plant species because they are unable to reproduce and would change an area's long-term ecology. Other insects attracted to lights include beetles, bugs, bush crickets, caddisflies, crane flies, hoverflies, lacewings, midges, and wasps. Glowworms and fireflies are among species that communicate through light (bioluminescent flashes). Artificial lighting can greatly reduce their visibility.



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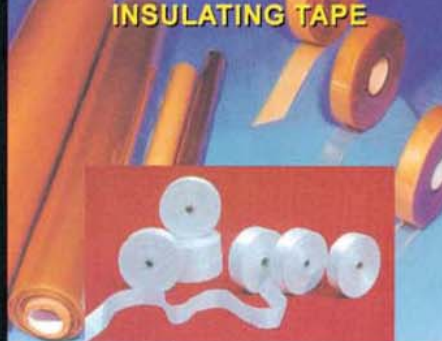


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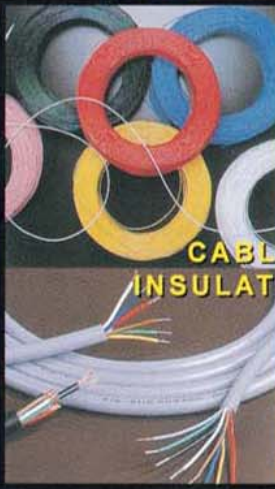
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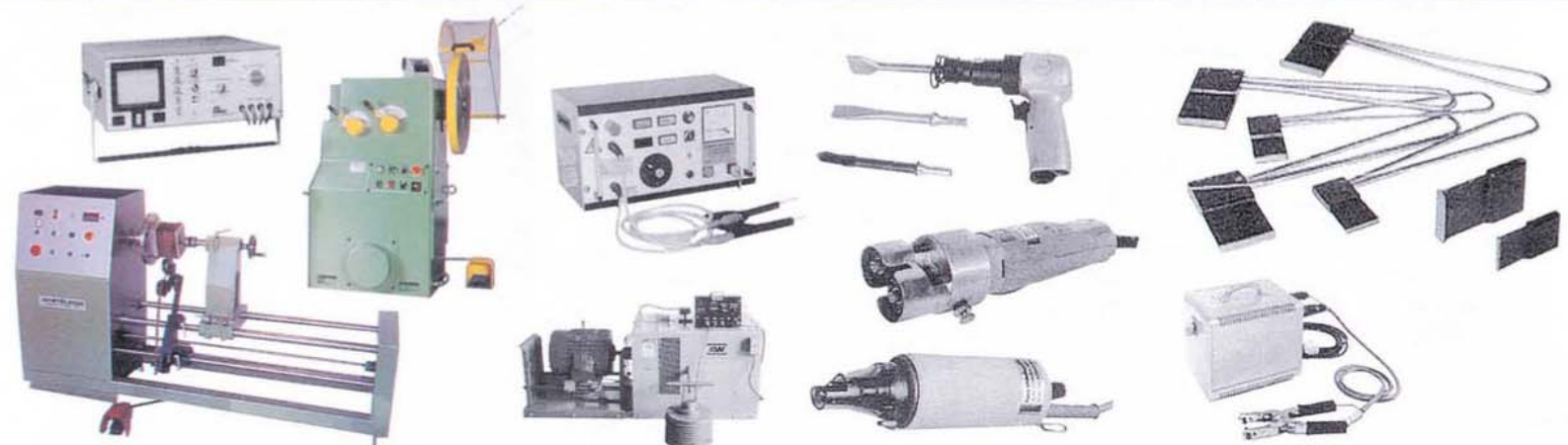
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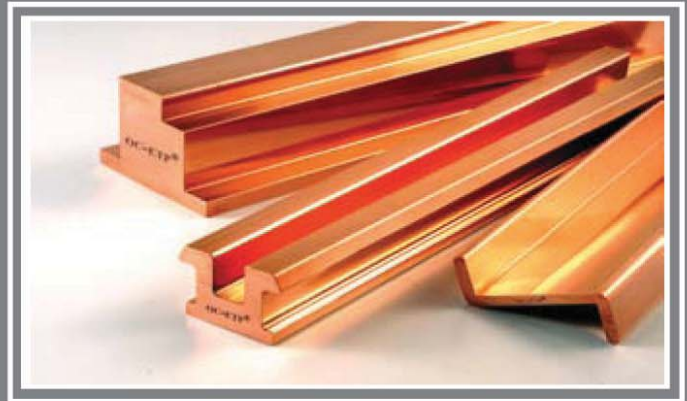
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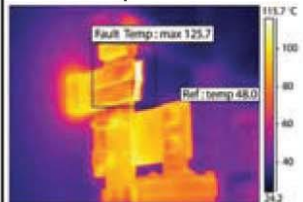

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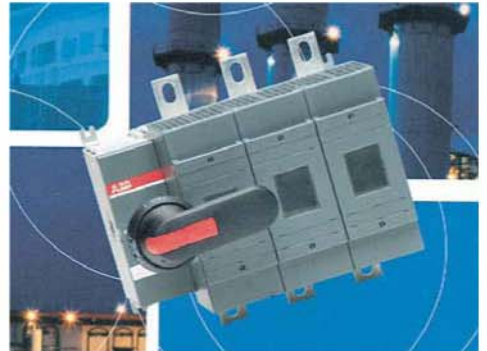
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By the Chairman, Ir Chew Shee Fuee.

AOTS Energy Efficiency Training in Japan 2010

The training in Energy Efficiency (EE) with AOTS has been very well received and we have 25 applicants this year. The applicants are from manufacturing, trading, construction, services and consultants. The applications have been forwarded to AOTS and final approval will be known in October. We anticipate more applicants if the course can be organised again in 2011. This indicates that the need for energy efficiency has increased substantially.

Energy Commission

We wish to highlight that industry compliance to Electricity Regulation 1994 requires improvement.

All Electrical Installations are required to be registered and annual fees will apply. There are still installations not registered and others which are registered but in arrears of annual fees.

Since the requirement for Energy Manager has been mandatory for installations which consume 3 million kWh in six months, the Energy Commission has posted the newly approved and qualified Energy Managers on their websites. The number of Energy Managers listed is 91 at the moment. The Energy Commission has also written to many companies advising them to appoint their Energy Managers. It is therefore your opportunity to advise your clients on compliance of the energy requirements.

Proper Cable Lugs for Compacted and Non Compacted Cables

The cables are mostly having compacted conductors nowadays. These are shaped conductors which are different from the conventional round ones. There is a possibility of applying the wrong size of cable lugs for these compacted cables. TEEAM TC10 has initiated the writing of standards to address the cable lug requirements. Meantime please take the necessary caution to use the appropriate cable lugs on compacted cables.

CIDB Wiring Installer Course

Our CIDB Wiring Installer Course for 2010 will have a new batch of trainees in September. This is a batch specially requested by TEEAM and CIDB had kindly approved it. We are grateful to CIDB for approving the course within a tight budget.

Course of Tender Estimation

The progress on a Course of Tender Estimation has been slow. Our

..... *Continue A Silent Cry for Dark Skies*

Studies suggest that light pollution around lakes prevents zooplankton, such as Daphnia, from eating surface algae, helping cause algal blooms that can kill off the lakes' plants and lower water quality. The use of intense lights for fishing at night attracts large numbers of fish. This method leads to over-fishing and contributes to the decline of fish worldwide. Artificial lights at night have caused behavioral and physiological changes in salamanders as well. In summary, whether outdoor light is directly next to a species habitat or located at some distance, as through sky glow, the combined effects of artificial lighting on vast numbers of nocturnal species have the potential to disrupt the functioning of entire ecosystems by disrupting balances in competition and the predator-prey relation, among others.

A Global Problem with a Local Solution: The GLOBE at Night Program

The dark-skies education efforts described below aim to heighten awareness of light pollution as a global problem with a local

survey only indicated one possible participant for the course. We are yet to identify potential trainers and preparation on course syllabus and materials. We appeal for your support on this subject.

Technical Visit to Iconic Buildings in Beijing

The Technical Visit to Iconic Buildings in Beijing was scheduled for May 2010. This was postponed to October 2010. However we are still unable to have sufficient participants for the visit. We have decided regrettably to cancel the visit.

Power Factor Improvement

Better Power Factor (PF) is better and efficient use of electrical energy. TEEAM is embarking on the improvement of PF with incentives from the current Electricity Tariff. Presently low PF will be penalized. We propose that 1% discount be given for every 0.01 improvement of PF above the stipulated minimum of 0.85. This will mean that a maximum of 15% discount can be available if PF is kept at 1.0.

Visit to DBKL ITIS 22 July 2010

The visit was made to DBKL ITIS (Integrated Transport Information System) as scheduled above. We had good participation from TEEAM members.

At the heart of ITIS is the Transport Management Centre (TMC) which serves as the hub or nerve centre of the entire ITIS system as it receives, processes and disseminates traffic information around the clock. System operators will then use this information to monitor the transportation system operations and formulate strategies to enhance transport management.

Road users will get updated information on road conditions and congestion via Variable Message Signs (VMS) units located strategically along major roads.

ITIS monitors the traffic conditions in KL and assists the Police in maintaining the order in the road systems. Real time traffic conditions are all captured from strategic points.

The Call Centre number is +603-89474002. You can get traffic information readily from ITIS.



Ir Chew Shee Fuee



solution. Education efforts have proven to be most effective when people get physically involved. For example, "star hunts" or "star counts" provide people with a fun, fast and no-frills way to acquire heightened awareness about light pollution through firsthand observations of the night sky. Over the past two years the GLOBE at Night program (led by National Optical Astronomy Observatory (NOAO) and the GLOBE Program educational outreach staff) has enabled thousands of citizen-scientists around the world to contribute measurements of their local sky brightness to a growing global database in two ways: simple unaided-eye observations that anyone can do and quantitative digital measurements through a handheld, well-calibrated sky-brightness meter. Indeed, GLOBE at Night represents a landmark in the emerging informal science education thrust of citizen-science projects. See <http://www.globe.gov/globeatnight/> on how you can participate.

Source: The Universe In The Classroom, Winter 2008



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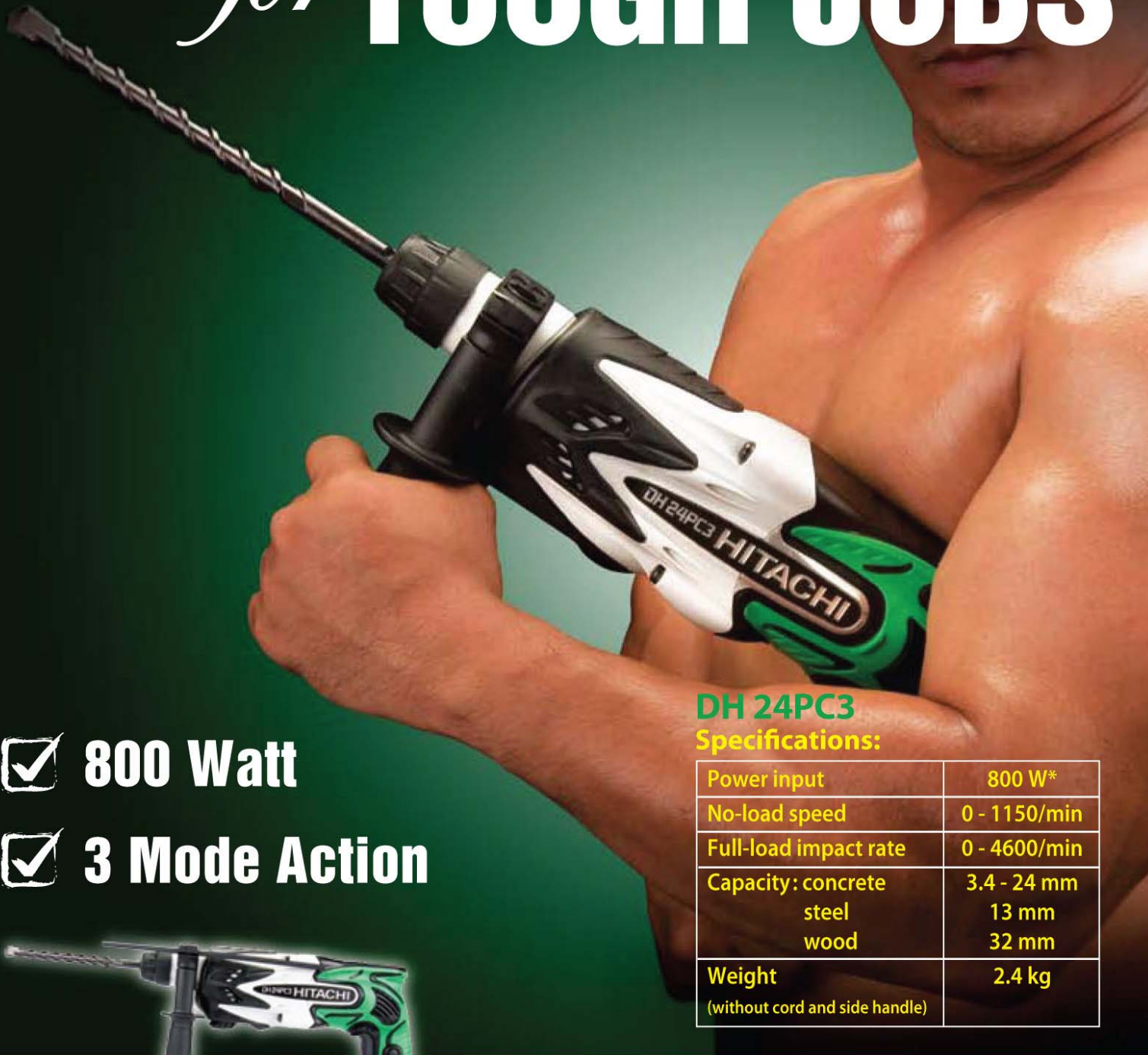
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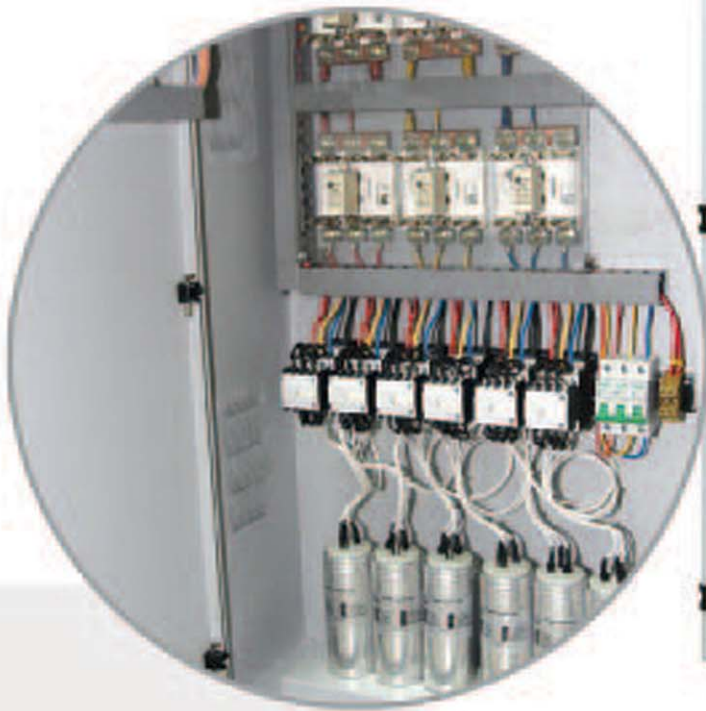
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Power Factor Correction

This is an article highlighting some important points in selecting power factor correction units for small commercial installations.

To promote energy efficiency, most utility companies worldwide impose Power Factor (PF) Penalty on users who did not meet their respective minimum power factor requirement. For example, some states in the USA impose 0.95 as their minimum PF requirement and some utilities are not obligated to deliver electricity to their customer at any time if the customer's PF falls below 0.85.

In Malaysia, Tenaga National Bhd has set such requirement to 0.95 for electricity supply above 132kV while 0.85 for below 132kV. According to TNB's Tariff Book, if such requirement is not met, a PF Surcharge is levied on user under all tariff category except Tariff A (Domestic Customer) and G (Street Lighting/Neon & Floodlight Consumer).

However, some TNB customers especially those operating from previously built shop-houses were not levied with PF Surcharge even when their monthly average PF did not meet TNB requirement as the premises were installed with analogue meters which only measure kwh. As part of TNB's system upgrading exercise and move to eradicate meter tempering, analogue meters were replaced with digital meters nationwide in recent years. These meters measure not only kwh for billing purpose but also kvarh and kvah for power factor calculation. As a result, we have seen numerous complaints to newspaper that TNB customers need to pay 'higher' electricity bill after meter replacement due to an item on their bill called 'Faktor Kuasa'.

For such customers and in most electrical system, installing capacitor bank is probably the most cost effective and convenient way to improve PF. To save cost and time, some just fix a capacitor bank directly to the electrical system. This would compromise safety as there is no protection should there be any destructive failure of the capacitor bank due to surges, harmonics and/or end of life. Furthermore, a fix capacitor bank of a certain rating would not be able to correct PF effectively as load varies thus compensation required varies.

The best solution in terms of safety and cost effectiveness is to install a PF Correction Cabinet which is correctly sized. In the past, such cabinets are usually costly and have long lead time as they are custom designed and made. Nevertheless, some manufacturers are now standardising such Cabinet making them available off the shelf for use with main distribution board in 40Amp, 60Amp, 100Amp and 150Amps which would come with adequate protection for the end users.

Safety and performance should be the main criteria in choosing such cabinet and it is important to observe the following DOs and DON'Ts:

1. Do choose a Cabinet that comes with a PF Regulator which automatically compensate to the desired PF even when load varies.
2. Do choose a Cabinet that is designed with Binary Step Sizing to avoid capacitor hunting and provide more combination possible to cater for load variations.
3. Do not accept a Cabinet that comes with MC-3 contactor which should be used for motor. The appropriate contactor rating should be MC-6b contactor for capacitor bank switching.
4. Do choose a Cabinet that provides phase protection via HRC gG fuses rated at 120kA and above as MCB only provide protection up to 25kA in most commercially available models.
5. Do choose a Cabinet that comes with capacitor bank that has pressure sensitive interrupter that cuts off supply when capacitor bank fail.
6. Do choose a Cabinet which ensures that the capacitor bank came from reputable origin.
7. Do choose a Cabinet that provides added safety with isolated 3-phase Molded Case Circuit Breaker protection for the system.
8. Do choose a Cabinet made of strong material such as steel and is rust-proof to ensure durability.

This paper is prepared by Ms Theresa Lam, Electrical Components Sdn Bhd. She can be contacted at E-mail: theresa@elco.com.my.



Public Notice from the Energy Commission



It is hereby notified that investigations undertaken by the Energy Commission have found many electrical equipment in the market not complying with the requirements as stipulated under the law.

Attention is drawn to Regulation 97 of the Electricity Regulations 1994 which requires electrical equipment as mentioned therein to be approved by the Energy Commission. Regulation 98 of the same Regulations requires such approved equipment to be labeled in a manner as determined by the Energy commission, ie with a valid label of **SIRIM**.

Any person who contravenes or fails to comply with the abovementioned Regulations shall be guilty of an offence and shall, on conviction, be liable to a fine not exceeding five thousand ringgit or to imprisonment for a term not exceeding one year or to both.

Apart from the abovementioned action, the offending equipment may also be seized and its approval, if any, cancelled by the Energy Commission.

Dated: 1st September 2010

For any inquiries, please contact:

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Popular Chinese Herbs and Tonic Products – Part 4

This article is extracted with courtesy of “Health Discovery” magazine published by Life Publishers Berhad.

Longan fruit

The dried longan fruit is a delicious supplement with a strong flavour. It can be eaten raw, or as an ingredient for preparing other soups. It benefits the stomach, pancreas, lung and heart, and pacifies the mind. Recommended for women after birth.

Food for thought: Longan red date tea

A simple and delicious tea, it can be easily prepared by boiling dried longan fruit and pitted dried red dates for several minutes, then keep it in a thermo flask for several hours to bring out the flavour. Consume regularly, it benefits the blood and pacifies the mind.

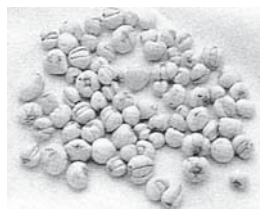


Bei Mu

The dried bulb of a type of lily plant, it is known for its efficacy for reducing internal heat and strengthening the lung. It also has a pacifying effect on the mind.

Food for thought Bei mu and almond soup

Slow boil Bei Mu, Almond seeds, Pi Pa leaves and lean meat for three hours. Add salt to taste. This tasty family soup helps strengthen the respiratory organs, and reduces phlegm.



Walnut

In China, this is a popular food and desserts marketed in many forms. As a herb, it is rich in proteins, fats, sugars, minerals and vitamins, especially A, B1 and B2, C and E. Regular consumption helps improve the lung and kidney, thus recommended for those with lung and skin problems.

Food for thought: Sweetened sesame walnut

This ready-to-eat product is available in the market. If you want it fresh, it can be prepared easily by frying the sesame over low heat and then add in thick sugar solution. Boil it for several minutes and add in Walnut. Stir fried until the Walnut turns golden in colour. Remove the Walnut and allow it to dry. Keep in bottles for convenient consumption.



Gingko

The fruit of a huge tree, the ginkgo is rich in fats, carbohydrates, proteins and sugars. It is beneficial to the lung and kidney. It helps improve breathing and urination problems (raw or boiled ginkgo is a diuretic, but roasted ginkgo acts just the opposite, that is reducing urination). Ginkgo cannot be overly consumed as it can be mildly toxic.

Food for thought: Deep fried ginkgo prawn

Remove the ginkgo husk and the shells of prawns. Quick fry ginkgo, cucumber slices, ginger and garlic. Add ginkgo and prawns. Quick fried over high heat. Serve while hot. It helps improve breathing and curb excessive urination.



Wu Hua Guo (Turky fig)

Originate from West Asia, it is now widely grown in China. In Chinese, the name literally means a fruit without flower. Rich in vitamin A and C, proteins and sugars, the dried form can be consumed straight from the packing.



It benefits the digestive system, and helps to reduce inflammations. Latest study shows that it possesses cancer fighting properties.

Food for thought: Wu hua guo drink

Boil the dried figs and preserved honeyed date for two hours. A fragrant drink loved by both the young and old.

Red Dates

The red dates is one of the most common ingredients for food and medical preparations. As a food, it is rich in all kinds of goodies, hence its popularity worldwide. Notably, it helps to improve the blood and pancreas, as well as the digestive system.

Food for thought: Red dates drink

Boil pitted dry red dates for several hours. Consume regularly to improve general health. Recommended for women after birth, and the aged.



Dried Mushroom

Also known as the shitake mushroom, this delicacy is a highly nutritious food. It helps to improve our immune system, beside strengthening the Qi in the pancreas. It is known for its cancer prevention and fighting properties.

Food for thought: Mushroom chicken legs

Buy ready fried chicken legs from the market. Soak mushroom overnight and remove the stem. Quick fry swollen mushroom over low heat in minimal amount of oil. Boil chicken legs, mushroom and rib bones in oyster sauce over low heat for at least two hours. Serve while hot over lettuce. A yummy dish loved by everyone. Improve immunity and strengthen skeleton.



Luo Han Guo

Literally meaning the fruit of the Luo Han (the Buddhist immortals), this dried fruits is high in sugar content. It helps to eliminate internal heat and refresh the mind.

Food for thought: Luo han guo soup

Slow boil Luo Han Guo and meat bone for three hours. Add salt to taste. This sweet and salty drink helps improve the respiratory and digestive system. (Buy the better Luo Han Guo which is only RM1-2 each, as the cheaper ones are bitter and disliked by people).





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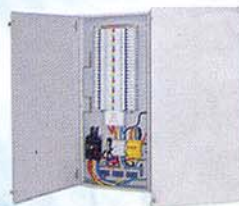
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..... Continue Popular Chinese Herbs and Tonic Products – Part 4

Corn Stigma

The so-called whiskers of the corn (maize), the corn stigma has many useful properties that is seldom explored, possibly because it is too cheap. It is rich in vitamin and glucose and many nutrients. It helps to normalise urination, improve blood clotting, reduce high blood pressure, etc. (In case you want to use the corn stigma fresh from the corn bought from the market, clean it thoroughly to get rid of the insecticides).

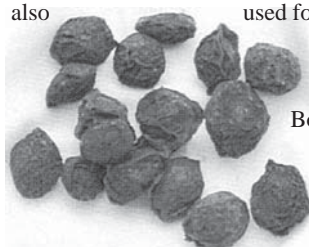
Food for thought: Corn stigma and pancreas soup

Boil corn stigma with pancreas and lean meat for at least two hours. Add black dates and salt to taste. A tasty soup for dinner, it helps prevent diabetes.



Wu Mei (Smoked plum)

Prepared from unripe plum, it is used for curbing intestinal disorders such as food poisoning. Known for its bowel cleaning quality, it is also used for getting rid of worms in the digestive tract.



Food for thought: Wu mei soup

Boil Wu Mei, Hawthorn, licorise root and rock sugar for half an hour. Drink warm or cold. A timely delicious drink to quench the thirst, which also helps digestion.

Clove

Clove originates from Africa and Southeast Asia. It is consumed more as a culinary additive, rather than as a medicine. It helps strengthen the pancreas and stomach, works on bad breath, toothache and stomach disorder.



Food for thought: Clove duck

Deep fried whole duck in oil until body turns golden in colour. Prick clove onto the outer flesh. Fried ginger and onion until fragrant, add oyster sauce and water, and salt to taste. Place duck in boiling mixture. Replace cover and continue cooking. Serve after half an hour. Good for the stomach, and help relieve pain.

Hibiscus

This national flower of Malaysia is a common plant throughout Asia, popularised by both its ornamental and medicinal values. The flowers, beside for making jams and drinks, is also an astringent and mild laxative. It also has mild diuretic properties. Its acidic taste makes it a popular food flavour as well. It is rich in vitamins, especially Vitamin C.

Food for thought: Hibiscus drink

Dry the hibiscus flowers and store in the refrigerator for convenient consumption. Place a few dried flowers in a pot, pour in boiling water. Leave aside to bring out its flavour. Add rock sugar to taste. A wonderful sweet sour drink to improve your mood. Cold, it is a perfect drink to quench the thirst.



Che Qian Cao

This herb can be cultivated very easily. Just sprinkle the seeds on the ground and you will have endless supply of them for years. They grow better in shade and moist conditions. It is available fresh in the wet market, and in the dried form in the medical shops. It is known to eliminate internal heat in the body, as a diuretic and improve the excretion system.



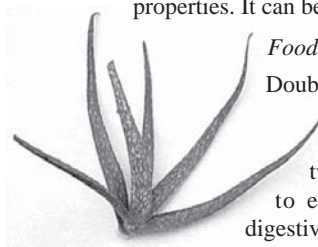
Food for thought: Che qian cao drink

Boil Che Qian Cao for two hours. Add rock sugar to taste. A tasty and economic drink for the family to prevent 'heatiness', and a good drink to effect better urination.



Aloe Vera

Aloe vera has a long medical history in human civilisation. Fresh, the gel is an effective cure for minor burns and wounds, and if consumed, helps prevent constipation. It also has moisturising and emollient properties. It can be grown easily in one's garden.



Food for thought: Aloe vera meat soup

Double boil the flesh of the aloe vera leaves (removed the green skin and the yellowish slime) with lean meat for two hours. Salt to taste. A delicious soup to ease constipation and improve the digestive system.

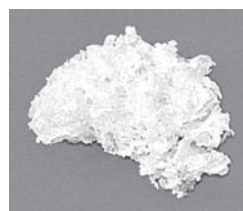
White Fungus

The white fungus used to be a very expensive herb, but thanks to mass production, it is now very affordable. Rich in proteins and minerals, it is noted for its lung-improving properties. It is a mild tonic which is good for almost every patient.

Food for thought:

1. White fungus meat soup: Boil meat bone, pitted red dates and Yu Zhu for two hours. Add in white fungus. Boil for another one hour. Serve hot. A lovely tonic soup for the dinner table.

2. White fungus sweet stew: Double boil white fungus with rock sugar for four hours over slow heat. A very fragrant stew which will make every body's mouth waters. Good for patient recovering from lung problems, such as cough or bronchitis.

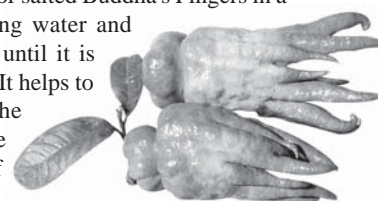


Buddha's Fingers

A citrus with an interesting shape which gives rise to its common name. It can also be found in Malaysia, especially cooler areas such as Cameron Highlands where conditions are more conducive for its growth. It cannot be eaten fresh like other citrus fruits such as orange or mandarin, as it is not juicy at all. Dried or salted for consumption, it is known to improve mood and remove excessive gas in the digestive system, beside doing some good to the liver.

Food for thought: Buddha's fingers drink

Place several slices of dried or salted Buddha's Fingers in a ceramic cup. Pour in boiling water and cover the top. Leave aside until it is lukewarm. Sip it gradually. It helps to clear the throat, comfort the stomach and improve the mood. Salt to taste, if necessary.



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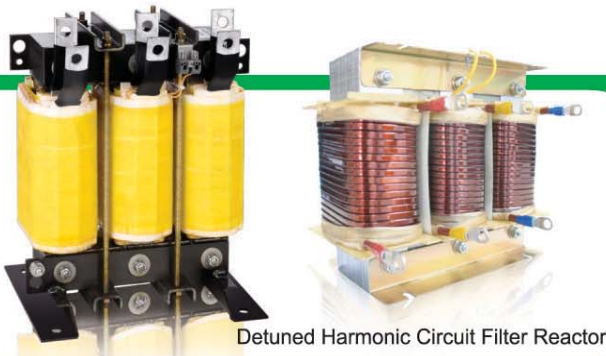
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