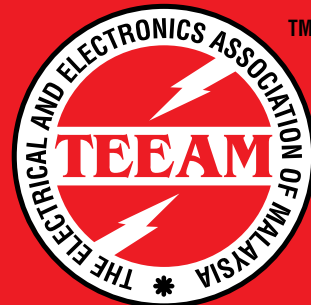


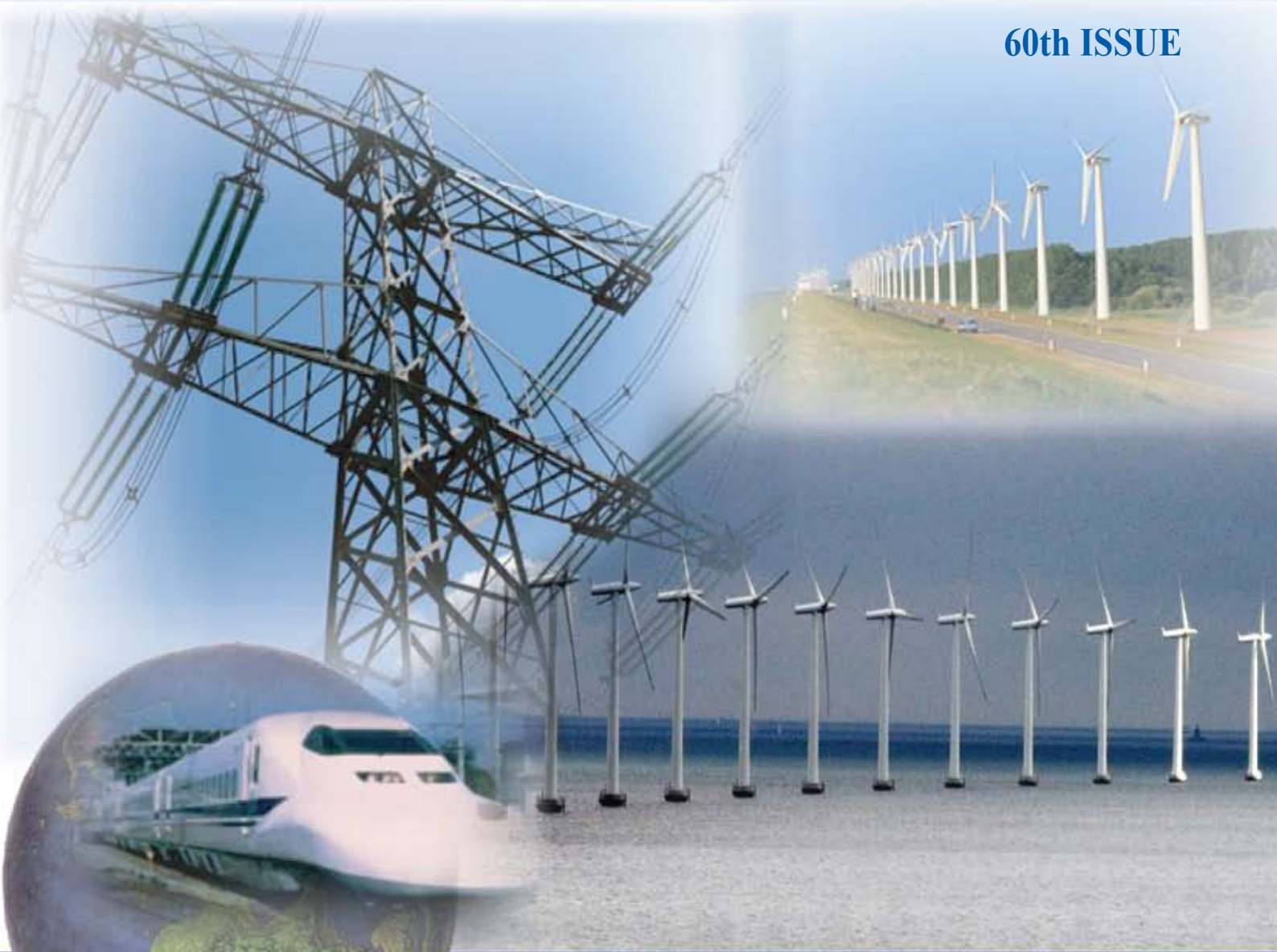
SUARA TEEAM



www.teeam.org.my

A publication of The Electrical and Electronics Association of Malaysia

60th ISSUE



Green Leads the Way





SUN POWER AUTOMATION SDN BHD

EXCLUSIVELY

LS Industrial Systems
New Name of  LG Industrial Systems



Susol

Ics = 100% of Icu



Metasol

L.V. Circuit Breakers & Contactor...

LS Industrial Systems
New Name of  LG Industrial Systems



H.V. Cast Resin Transformers



**Variable Frequency Drive / Inverter
STARVERT Series**



XGT Series



PMU 30 Series

Transformer, Inverters, PLCs & HMIs

ELECTRONICON



Capacitors And Reactors

**OBO
BETTERMANN**



Surge Arresters

**Lovato
electric**



Digital metering instruments, Power regulators...

Indelec
lightning protection



Early Streamer Emission Lightning Conductors

Sun Power Automation Sdn Bhd (639503-W)

Lot 28242, Kg. Jaya Industrial Area, 47000 Sg. Buloh, Selangor, Malaysia.

Tel: +603-615 77 555(Hunting), +603-6145 3333 Fax: +603-615 77 666 / E-mail: general@sunpowerholdings.com.my

FURUTEC[®]

Busduct System



**Furutec HP-ES Full Range Type Tested
by KEMA Complying to IEC 60439-2**



Certificate No : 7515



www.eita.com.my



EITA®

brings good feel to life

Panasonic

ideas for life

AUTOMATION PRODUCTS



Programmable Logic Controller



Touch Screen



Sunx Sensor / Laser Maker



Limit Switch / Relay / SSR



Temperature Controller

(397596-H) **Eita Electric Sdn Bhd**

Lot 4, Block A, Jln SS13/7, Subang Jaya Industrial Estate, 47500 Subang Jaya, Selangor Darul Ehsan.

Tel: 03-5637 8088

Fax: 03-5635 4719

<http://www.eita.com.my>

Penang Tel: 04-398 8918

Johor Bahru Tel: 07-352 0089

Sarawak Tel: 082-230 331

TEEAM Office Bearers For Year 2011-2013

President

Engr Fu Wing Hoong (EITA Resources Berhad)

Deputy President

Ir Steven Ng Khoo Hwa (Individual)

Immediate Past President / Adviser

Dato' Ir Lee Peng Joo

Past President

Suresh Kumar J Gorasia

(Amalgamated Engineering & Commercial Co (KL) Sdn Bhd)

Vice Presidents

Ir Chew Shee Fuee (G H Liew Engineering (1990) Sdn Bhd)

David Chong Ah Nyap (Euro Electrical Sdn Bhd)

Yap Ching Kiat (Straits Design Sdn Bhd)

Honorary Secretary

Ho Khai Hong (Sim Brothers Electric Co)

Honorary Treasurer

Wong Chin Cheong (Pembinaan Letrik Sama Sdn Bhd)

Assistant Honorary Secretary

Jack Soon Lee Hock (SBS Elektrik Sdn Bhd)

Assistant Honorary Treasurer

Michael Oan Cheng Hoe

(Oon Brothers Electrical Trading Co Sdn Bhd)

Committee Members

Chan Kaim Sam (The Perak Electrical Association)

Ir Chang Yew Cheong (Individual)

Chew See Yeong (Penang Electrical Merchants' Association)

Chew See Kheng

(Negeri Sembilan Electrical Engineering Association)

Chong Yoon Koon (Chong's Engineering Trading & Company)

Dahari Mat Siran (Hager Engineering (M) Sdn Bhd)

Fong Mun Loon (Letrik PJ Union Sdn Bhd)

Francis Chew Joon Fah (Sarawak Electrical Association)

Gan Seng Chong

(Malacca Electrical Contractors & Traders Association)

Hui Hua Chuon (Electrical Association of Sarawak & Sabah)

Lawrence Lai Kun Hoong

(Lightning Power Surge Protection Sdn Bhd)

Leonard Choong Kin Loong (KDK Fans (M) Sdn Bhd)

Leong Kam Meng

(Johor Bahru Electrical & Electronics Association)

Engr Leong Kam Seng (Cahaya Fasa Sdn Bhd)

Liang Kok Boon (Chi-Tak Electrical (Sel) Sdn Bhd)

Lim Chun Nge (Rising Electrical Trading Sdn Bhd)

Ooi Eng Guan (Y2K Electric (M) Sdn Bhd)

Perumal Vengadasalam (Individual)

Philip Tang Tung Kee

(Schneider Electric Industries (Malaysia) Sdn Bhd)

Ricky Lim Lip Kee

(Sandakan Electrical Engineering Association, Sabah)

Siew Choon Thye (Megalux Lightings Sdn Bhd)

Simon Leong Kien Khan

(Federal Electrical Engineering Sdn Bhd)

Stan Lim Hui Ming (Nanyang Electric Co (M) Sdn Bhd)

Subramaniam Karuppan

(Kejuruteraan Elektrik Suria (M) Sdn Bhd)

Sundararaju Thandava Moorthi (Speco Bumi Elektrik Sdn Bhd)

Tan Eng Liang (TCME Engineering Services Sdn Bhd)

Theresa Lam Tze Kwan (Electrical Components Sdn Bhd)

Woo Soo Poo (Sabah Electrical Association)

Ir Yong Ah Huat

(Toshiba Transmission & Distribution Systems Asia Sdn Bhd)

Technical Adviser

Ir Rocky Wong Hon Thang (Individual)

Legal Adviser

Lee Wah (Individual)

Internal Auditors

William Young Chee Keong

(Eura Industrial Thermoplastics (M) Sdn Bhd)

Yong Kim Yun (Translite Electric Sdn Bhd)

Trustees

Ir G H Liew (G H Liew Engineering Services Sdn Bhd)

Lim Yok Kee (Nanyang Electric Co (M) Sdn Bhd)

Suresh Kumar J Gorasia

(Amalgamated Engineering & Commercial Co (KL) Sdn Bhd)

Wong Chin Cheong (Pembinaan Letrik Sama Sdn Bhd)

Secretariat

Winnie Khong Choy Tai (Executive Secretary)

State Association Members

Electrical Association of Sarawak and Sabah

Johor Bahru Electrical & Electronics Association

Malacca Electrical Contractors & Traders Association

Negeri Sembilan Electrical Engineering Association

Penang Electrical Merchants' Association

Sabah Electrical Association

Sandakan Electrical Engineering Association, Sabah

Sarawak Electrical Association

The Perak Electrical Association

SUARA TEEAM

A Publication of The Electrical and Electronics Association of Malaysia

Publisher & Editorial:

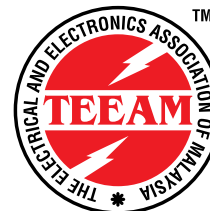
The Electrical and Electronics Association of Malaysia

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

Tel: +603 - 9221 2091, 9221 4417 Fax: +603 - 9221 8212

E-mail: teeam52@gmail.com or teeam@streamyx.com or teeam@po.jaring.my

Website: www.teeam.org.my



Contents

TEEAM Activities

From the Editor's Desk	5
Trade Visit to Elecrama 2012, India	7
INTRADE Malaysia	11
Courtesy Visit by CABC China	13
TEEAM at SEA Golden Anniversary Dinner	15
Council Meeting in Kuching	19
Power – Gen Asia	23
Korea Power Forum	25
Column for Manufacturing Group	29
Malaysia CIE National Committee News	31
AFEEC/FAPECA Conference & Meeting in Seoul	32
Column for Engineering Construction & Services Group	35
TEEAM at Asean Elenex	37
Networking Dinner with the Press	41
Table Tennis Tournament	45
Seminar on Route to Become a MIEM/P.Eng	47
Seminar on SLDN and PPT	49
Press Mission to Bangkok RHVAC and E&E 2011	51
Column for Trading Group	53
Badminton Tournament	55
SRMC, SIRIM & SWOs Networking	59
Press Conference	63
Fellowship Gathering	65
Academic Excellence & Vocational Training Awards	68
Golf Competition	77
State Association News	85
AOTS Training in Japan	95
New Members	98
Seminar on Light and Colour	101
Building Wiring Installer Course	101
New Books in Our Library	103

Information

AFEEC/FAPECA Conference & Meeting 2012	63
Congratulatory Messages	43, 83, 91
RCCB – Nuisance Tripping	91
Importance of Double Insulation for Combiner Boxes in PV Installations	93
Guangzhou International Lighting Exhibition 2012	97
Technical Visit to MNI	103
Challenges and Opportunities in Electrical Industry – Part 17	105
Suitability of LED for Road Lighting in Malaysia	107
Bowling Tournament 2012	114
The Year of the Water Dragon	115
Advertisers Index	116
Reader Service Information	118
Advertisement Booking Form	118
Membership Application Slip	118
TEEAM 60th Anniversary Dinner	119
Special Hotel Room Rates	120

Highlights



Trade Visit to Elecrama 2012, India page 7



Courtesy Visit by CABC China page 13



Council Meeting in Kuching page 19



AFEEC / FAPECA Conference & Meeting in Seoul page 32



Academic Excellence & Vocational Training Awards page 68



Golf Competition page 77

LYCORPOLE™



Klang, Selangor



North Port, Klang, Selangor



JKAS, Bukit Mewah, Kajang, Selangor



Johore State New Admin Centre, Johore



LYSAGHT MARKETING SDN. BHD. (102382-M)

No. 11, Jalan Majistret U1/26, Seksyen U1, Hicom-Glenmarie Ind. Park, 40150 Shah Alam, P.O. Box No. 7818, 40728 Shah Alam, Selangor Darul Ehsan, Malaysia.
Tel: (603) 7880 3750 Fax: (603) 7880 3720 Email: lysaght_sales@lysaghtmarketing.com.my Website: www.lysaghtmarketing.com.my



Certificate No. 403332
A Member of Lysaght Galvanized Steel Bhd
Co. No. 46426-P

IPOH

Tel: (605) 546 8278
Fax: (605) 546 3589
Email: lysaght8@streamyx.com

SARAWAK

Tel: (082) 245 145
Fax: (082) 237 311

SABAH

Tel: (603) 7880 3750
Fax: (603) 7880 3720

SINGAPORE

Tel: (65) 6862 4331
Fax: (65) 6862 1242
Email: lysaght@singnet.com.sg

Chairman

Jack Soon Lee Hock
SBS Elektrik Sdn Bhd
Tel: +603-4043 1177
Fax: +603-4041 6467

Vice Chairman

Yong Kim Yun
Translite Electric Sdn Bhd
Tel: +603-9222 2433
Fax: +603-9222 1448

Treasurer

Steven Koh Heng Ken
Lever E & E Sdn Bhd
Tel: +603-6272 3299
Fax: +603-6272 3296

Editor

Ir Chew Shee Fuee
G H Liew Engineering (1990) Sdn Bhd
Tel: +603-7954 8675
Fax: +603-7954 8450

Committee Members

Ooi Eng Guan
Y2K Electric (M) Sdn Bhd
Tel: +603-7782 7785
Fax: +603-7781 5221

Perumal Vengadasalam
Individual Member
Tel: +603-8942 5451

Siew Choon Thye
Megalux Lightings Sdn Bhd
Tel: +603-8024 7933
Fax: +603-8024 7922

Theresa Lam Tze Kwan
Electrical Components Sdn bhd
Tel: +603-8942 5451

Wong Chin Cheong
Pembinaan Letrik Sama Sdn Bhd
Tel: +603-5637 7302
Fax: +603-5634 3961

Suara TEEAM is distributed free of charge to TEEAM members and selective organisations. For those who wish to purchase a copy, the cost is RM 18.00 which includes postage within Malaysia. For overseas order, please check with the publisher.

Circulation

Winnie Khong
TEEAM Secretariat
Tel: +603-9221 2091
Fax: +603-9221 8212

Contributors of Articles

Ir Chew Shee Fuee
E-mail: sfchew@ghliew1990.com

Leonard Choong Kin Loong
E-mail: leonard@kdk.com.my

Dahari Mat Siran
E-mail: dahari.siran@hager.my

Yap Ching Kiat
E-mail: straitsdesign@unifi.my

Artwork & Design

Bee Communication & Marketing
No. 57, Jalan Indah 2/9, Taman Universiti
Indah, 43300 Sri Kembangan, Selangor
Darul Ehsan.
Tel: +603-8957 7012 Fax: +603-8957 7012

Printer

CP Printery Sdn Bhd
No. 3&5&7, Jalan Balakong Jaya 5, Taman
Industri Balakong Jaya, 43300 Kajang,
Selangor Darul Ehsan.
Tel: +603-8961 1966 Fax: +603-8961 8996

From The Editor's Desk



The European Financial Crisis is weighing on the rest of the world and will certainly impact on everyone. Our local political arena is currently waiting eagerly for the General Election. We have no choice but to accept the economic uncertainty. With the governmental transformation projects taking a higher gear recently, hopefully we can anticipate positive growth in the local construction industry.

Congratulations to our Sports Committee for organising successfully the TEEAM Inaugural Table Tennis Tournament in January 2012.

TNB has requested TEEAM to provide service in case of supply interruption due to customers' installation. We have sent out invitation letters to our members who like to participate in this service. We will forward our list of members interested to provide such service to TNB. TNB will prefer this service to be provided by electrical contractors.

AFEEC/FAPECA Conference & Board Meetings will be held in Hong Kong on 4th and 5th June this year. We will have a bigger delegation consisting of our President, Deputy President, Vice Presidents, Honorary Secretary, Adviser and Executive Secretary. The conference theme is "Human Resources Issues in the Electrical Contracting Industry".

We will have our AGM on 20th May this year and we wish to encourage all our members to attend this important meeting of TEEAM.

TEEAM will be celebrating the 60th Anniversary this year. Therefore a Grand 60th Dinner will be held on 8th September 2012 at One World Hotel. Once again TEEAM will be grateful to have your contribution and participation in this very important occasion.

With the great and aggressive pace of development in LED for lighting, TEEAM has taken the initiative to study the application of LED for road lighting. A Technical Report on Suitability of LED for Road Lighting prepared by TEEAM is now available and can be found in this issue of SUARA.

Last but not least, may I take this opportunity to congratulate our President Engr Fu Wing Hoong on the successful listing of his firm EITA Resources Bhd on the Main Board of Bursa Malaysia.

Regards,

Ir Chew Shee Fuee
Editor
Suara TEEAM



MITTRIC

Sole Distributor / Agent For



World Super AE
LV Air Circuit Breakers



World Super WS Series
Molded-Case Circuit Breakers



MS-N Series
Magnetic Contactors



New-S Series
Electronic Power Meter



Busway Stacking
Double Stack



Plug In & Tap Off
Power Distribution



Feeder



Vertical Tee



PowerSure® DRS Series-Type 2
Modular Surge Protective Device



PowerSure™ LPM/LPL Series
Surge Protection Solutions For
Distribution Panels



Liebert® ACV Series
The Industry Standard
For Surge Protection

MITTRIC SDN BHD (566867-P) Email: mittric@alphakl.com **www.mittric.com**

MITTRIC SYSTEMS SDN BHD (709472-U) Email: mittricsystems@alphakl.com

5, Jalan Pemberita U1/49, Temasya Industrial Park, Glenmarie, 40150 Shah Alam, Selangor Darul Ehsan, Malaysia.

Tel: 603-5569 3748 / 603-5569 4553 Fax: 603-5569 3749

Trade Visit to Elecrama 2012, India

Elecrama 2012, the 10th international exhibition of electrical and industrial electronics industry of India was set for a dazzling start on 18th January 2012 at Bombay Exhibition Centre, Mumbai, India. A powerful laser show emphasising the event theme stunned the guests at the opening ceremony. Dignitaries included Chief Guest, Mr Sushil Kumar Shinde, Minister of Power, Government of India; foreign delegates; senior industry veterans; government official and exhibitors. The 5-day exhibition was organised by the Indian Electrical & Electronics Manufacturers' Association (IEEMA).

IEEMA had been successfully organising Elecrama over the last seventeen years. The association is one of the key representatives of manufacturers of electrical, professional electronics and allied equipment. Elecrama 2012 spanned over 60,000 square meters of exhibition space with over 1,243 exhibitors. It successfully drew over 50,000 business visitors.

Delivering her welcoming address, Ms Indra Menon, Organising Chairperson of Elecrama 2012 said that the brand name Elecrama which has been nurtured by IEEMA is well recognised and is a much sought after exhibition. It promises visitors an unparalleled array of technological choices. It is a platform from where people and companies launch the future.

In his opening speech, Mr Ramesh Chandak, IEEMA President shared that IEEMA was founded in 1948 and is the national representative organisation of the electrical equipment industry which covers the complete value chain in power from generation to transmission and to distribution. IEEMA along with its members will join hands together to establish and promote the "Made in India Brand" through the platform of Elecrama.

Chief Guest, Mr Sushil Kumar Shinde, Minister of Power, Government of India in his keynote address congratulated IEEMA for bringing a successful Elecrama 2012 which would go a long way in bringing all stakeholders together for the development of the Indian power industry.

This in turn would help the nation to boost up industrial production in the country and give impetus to the national economy.

In support of Elecrama 2012, TEEAM organised a 6-member trade delegation to visit the gigantic exhibition. The vast exhibits spread over five exhibition halls. It was a good platform for global electrical companies to look at Indian products, solutions and services. There were opportunities in technology partnership, tapping investment prospects and adding value to their business portfolio. Delegates were impressed by the vast range of exhibits and the innovative technologies displayed.

For the first time, IEEMA organised a "Reverse Buyer Seller Meet" programme during the exhibition for business matching meetings. Some 350 foreign delegates from Africa, Latin America, CIS and Asean had formal meetings scheduled with equipment sellers from India.

TEEAM wishes to record its appreciation and thanks to IEEMA for their warm hospitality during the delegates' stay in Mumbai.

India Power Opportunities at a Glance

- India's projected demand for investment in infrastructure by 2017 stands at an astounding US \$1,025 billion of which US \$300 billion is in power sector alone.
- India's energy demand has grown an average of 3.6% per annum over the past 30 years and is expected to cross 950,000 MW by 2030.
- India is adding about 100,000 MW into its installed generation capacity by 2017.
- Grid modernisation and distribution reforms to reduce electricity T&D losses from 28% to 15% offers a large opportunity to specialised manufacturers.
- India expects to generate 10% of its generation target through renewable energy sources.
- India has created a Smart Grid forum under the aegis of Ministry of Power, and is in the process of developing a Smart Grid plan.



Ready to "fly" – Delegates posing at the KLIA departure hall.



All smiles – (from left) Ms Anastasia Rachman and Mr Rajesh Rajan of Hensel, Mr K Subramaniam (TEEAM Council Member), Mr Peter Lu (TEEAM Member) and Mrs Jayshree Gorasia (Spouse).



At the fairground – (from left) TEEAM delegates: Ms Winnie Khong (Executive Secretary), Mrs Jayshree Gorasia (Spouse), Mr Suresh Kumar Gorasia (Past President & International Affairs Chairman), Mr K Subramaniam (Council Member) and members from Power Point Electrical, Mr Andrew Lu (Marketing Manager) & Mr Peter Lu (Managing Director).



VIPs seated on stage – Business opportunities in India were highlighted on Commerce Day.

60mm-System compact

The space-saving solution



Your advantages

- Optimum utilisation of space through low installation height of only 160mm
- 3-pole version up to 360A and UL listed
- Possibility to combine with components from 60mm-system classic
- **NEW:** connecting terminal plate up to 50mm²
- 4- and 5-pole up to 200A according to IEC
- Modular busbar adapters for different MCB's for highest degree of variability
- Easy servicing and maintenance

Wöhner Regional Office South East Asia, No. 107, Jalan Puteri, 5/3, Bandar Puteri 47100, Puchong, Selangor Darul Ehsan, Malaysia · Tel. +603 (0) 62/75 22 71 · Fax +603 (0) 62/75 22 91
alan.soon@woehner.com · www.woehner.com



Principal Distributor: PENTAPOW (M) SDN BHD · Regn. No. 342805 - A
No. 107, Jalan Puteri, 5/3, Bandar Puteri 47100, Puchong, Selangor Darul Ehsan, Malaysia
Tel: +603 - 8062 - 6635 · Fax: +603 - 8062 - 4635 · Email: kysan88@gmail.com · sales@pentapower.com.my



..... Continue Trade Visit to Eleccrama 2012, India



Thank you – (left) Mr Suresh Kumar Gorasia (TEEAM Past President & International Affairs Chairman) presenting a token of appreciation to Ms Indra Menon (Eleccrama Chairperson). Looking on are (from left) Mr K Subramaniam (TEEAM Council Member), Mrs Jayshree Gorasia (Spouse) and Mr Anil Saboo (IEEMA Exco Member).



Networking – (left) Mr M M Phadke (Joint General Manager of L & T) posing with Mr & Mrs Suresh Kumar Gorasia (TEEAM Past President & International Affairs Chairman).



Appreciation – (left) Mr Ramesh Chandak (IEEMA President) receiving a memento from Mr Suresh Kumar Gorasia (TEEAM Past President & International Affairs Chairman). Looking on are (from left) Mr Peter Lu of Power Point Electrical, Mr K Subramaniam of Kejuruteraan Suria and Mr Andrew Lu of Power Point Electrical.



Sharing a light moment – (from left) Mr K Subramaniam (TEEAM Council Member), Mr Suresh Kumar Gorasia (TEEAM Past President & International Affairs Chairman) and Mr Anil Saboo (Managing Director of Elektrolites Power).



At L&T booth – (from left) Mr K Subramaniam (TEEAM Council Member), Mr Suresh Kumar Gorasia (TEEAM Past President & International Affairs Chairman), Mr S C Bhargava (Executive Vice President of L&T) and Mr Jimmy Wong (General Manager of Tamco).



At Hensel booth – (from left) Mr Subhendu Dey & Ms Anastasia Rachman of Hensel and Mr Peter Lu & Mr Andrew Lu of Power Point Electrical.

Reverse Buyer - Seller Meet (RBSM)



Delegates participating in the RBSM programme meeting Indian electrical equipment sellers.

**MCB's****RESIDUAL
CURRENT DEVICES****ENCLOSURES
FOR DOMESTIC
APPLICATION****SURGE VOLTAGE
PROTECTION****MCCB's AND ACB's****CONTACTORS AND
MOTORPROTECTION**

- 100% Manufacture in Austria, Europe •
- Comply to IEC 60898-2, IEC 60947-2, IEC 61008 and etc •
- Finger and hand touch safe according to BGC A3/OVE-EN 6 •
- Prices Competitive •
- Complete Products Range •
- Endurance > 8000 Operating Cycles •

SCH TEKNIK SDN BHD
(Co. No. 920073-U)

No. 34 (Ground Floor), Jalan USJ1/1C, Regalia Business Centre, 47620 Subang Jaya, Selangor Darul Ehsan.
Tel : +603 8023 9018 / 8023 9017 Fax : +603 8023 9016 Email : schtechnik@gmail.com

INTRADE Malaysia

International Trade Malaysia (INTRADE), is the annual international trade and export exhibition organised by the Malaysia External Trade Development Corporation (MATRADE) to enhance networking, business matching, exchange of ideas and inspiration among the business communities of different countries, especially those who are seeking to venture into the global market. Themed “The One Place for International Trade”, INTRADE Malaysia 2011 brought ten highlighted industries together on one platform. It is a concept designed to meet the needs of importers and exporters alike, closely aligned to the pulse of the most vibrant export industries in Asean.

Known as Asean’s leading general trade fair, INTRADE Malaysia features only industries, products and services which are export-ready. The Minister of International Trade & Industry, Malaysia, YB Dato’ Sri Mustapa Mohamed officiated the opening of INTRADE Malaysia 2011.

Exhibitors’ profile covered electronics and electrical, food & beverages, furniture & fittings, gifts, souvenirs & jewellery, information & communications technology, machinery & equipment, healthcare, pharmaceuticals, toiletries & cosmetics, professional services, rubber products and wood products.



INTRADE Malaysia 2011 Opening – Strong support from the industry.

MATRADE through its 40 offices worldwide matches the needs of international buyers with Malaysian SME suppliers. SMEs get to meet various trade buyers who have expressed interests in their product range. Successful negotiations can lead to them expanding into the global market.

INTRADE Malaysia 2011 provided an interactive platform for business leaders, entrepreneurs and investors to gain insights into global business prospects and opportunities, to network and establish collaboration towards gaining a competitive edge in the challenging global market.

A 10-member TEEAM delegation headed by Ir Steven Ng Khoon Hwa (Deputy President) attended the opening ceremony of INTRADE Malaysia 2011. TEEAM also participated as an exhibitor in this annual MATRADE event.

During the exhibition, TEEAM signed an MOU with The Federation of Electrical & Electronics Suppliers & Manufacturers of the Philippine Inc (PESA). The aim is to mutually promote cooperation in the electrical and electronics industry between Malaysia and Philippines.

It was a fruitful event for business meetings at INTRADE Malaysia 2011.



For the album – (left) Ir Steven Ng Khoon Hwa (TEEAM Deputy President) with Mr Peter Mangasing (PESA President).



MOU signing – MOU Signing in progress. (centre) YB Dato’ Sri Mustapa Mohamed (Minister of International Trade and Industry Malaysia) witnessing the signing ceremony.



MOU sealed – A group photo taken after signing the MOU.



Thank You – (4th from left) Ir Steven Ng Khoon Hwa presenting a souvenir to Mr Peter Mangasing (PESA President).



(Co. No: 385523-V)

CHIP HUAT ELECTRICAL & HARDWARE SDN BHD

集發電器五金有限公司

Address: 549-553, Batu 3 1/2, Jalan Ipoh, 51200 Kuala Lumpur.
Tel: 603-6253 4841, 6253 4932, 6253 4951, 6252 7334, 6253 5244
Fax: 603-6253 5391 Email: sales@chiphuat.com.my

www.chiphuat.com.my



ELECTRICAL / LIGHTING



HARDWARE / TOOLS



Courtesy Visit by CABC China

China-ASEAN Business Council (CABC) is one of the five main dialogue cooperation mechanisms between China and ASEAN. It was officially established on 1st November 2001. Since the Council was founded, it has been working on China-ASEAN trade and economic cooperation.

On 23rd September 2011, the Executive General Secretary of CABC Chinese Secretariat, Mr Xu Ningning, a famous ASEAN business expert of China, visited TEEAM. He was accompanied by a Liaison Officer, Ms Jennifer Liu. On hand to receive them were TEEAM officials, Engr Fu Wing Hoong (President), Mr Suresh Kumar Gorasia (Past President & International Affairs Chairman), Mr Ho Khai Hong (Honorary Secretary) and Mr Jack Soon Lee Hock (Assistant Honorary Secretary).

Both parties exchanged market information and hoped to promote trade and economic cooperation between China and Malaysia.

Aims and Functions of CABC

CABC's objectives are:

- * Promote the enterprises' dialogues and cooperation between China and ASEAN.
- * Maintain the trade relations between China and ASEAN.
- * Promote the economic developments in ASEAN and China and the building of China-ASEAN Free Trade Area.

In order to achieve the objectives above, CABC has planned the following actions:

- * Offer the service of providing trade information for its members.
- * Hold regular business forums, exchange experience on trade, and discuss how to

eliminate the obstacles hindering further cooperation on both sides.

- * Promote exhibition held by both parties.
- * Strengthen the visit, personnel training and other modes of communication of business delegations on both sides.
- * Offer legal services including mediation and arbitration for both parties to resolve trade disputes effectively in a friendly atmosphere.

CABC fully plays the role of bridge and link for holding meetings with ASEAN Secretariat, related China government departments and industry associations, relevant provincial and municipal governments.

MOU Signing

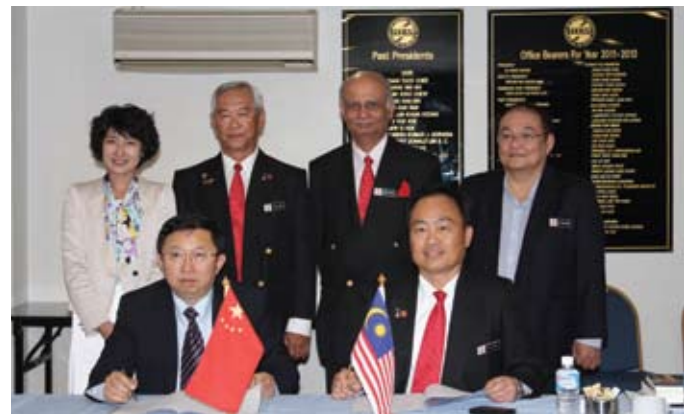
During the above visit, CABC Chinese Secretariat and TEEAM signed a Memorandum of Understanding (MOU) to jointly promote cooperation in the electrical and electronics industry between China and Malaysia. Both parties shall share information regarding local policies and trade regulations, market

information and exchange publications for mutual benefit.

TEEAM President, Engr Fu Wing Hoong signed on behalf of TEEAM while Mr Xu Ningning represented the CABC Chinese Secretariat. A group photo and exchange of souvenirs capped off the visit.



MOU signed & sealed – (right) Engr Fu Wing Hoong (TEEAM President) exchanging document with Mr Xu Ningning (Executive Secretary General of CABC Chinese Secretariat).



For the album – CABC visitors posing with TEEAM officials.

..... Continue INTRADE Malaysia



Business meeting – PESA members with (far right) Mr Ryan Wong (Sales Manager of Electrical Components).



Show of support – (from left) Mr Ho Khai Hong (TEEAM Honorary Secretary), Mr Yap Ching Kiat (TEEAM Vice President), Ir Wong Loo Min (ACEM President) and Ir Steven Ng Khoon Hwa (TEEAM Deputy President) at the opening.



Officials at TEEAM Booth – (from left) Mr Suresh Kumar Gorasia (Past President & International Affairs Chairman), Ms Sherly Cheong (Secretariat Staff) and Mr Ho Khai Hong (Honorary Secretary).

SIEMENS



With the SIRIUS Innovations, Everything is Matched: Click 'n' Go.

Industrial controls redefined? With the new SIRIUS portfolio, you will benefit from space savings, reduced variance and ease of mounting. Also application monitoring, connection to the control, as well as

system configuration and documentation come with unprecedented ease. For more details, call us at Helpdesk Toll Free: 1800 808 8888

www.siemens.com/sirius-innovations

TEEAM at SEA Golden Anniversary Dinner

The Sarawak Electrical Association (SEA) celebrated its 50th Golden Anniversary on 27th November 2011. A grand dinner was organised at the Thian Court Restaurant, Crown Square, Kuching. TEEAM was invited to the grand dinner. A delegation of 30 members from the TEEAM Council, spouses and Secretariat staff flew to Kuching to join the SEA's celebration.

At the dinner, Guest of Honour, Deputy Works Minister, YB Dato' Yong Khoo Seng called on stakeholders in the electrical and electronics industry to support the government's green initiatives towards a better environment for all. He said going green had become a global trend and Malaysians should also do their part in environmental conservation. He hoped that associations will encourage the public to start using environment friendly or power efficient products in their daily life. These efforts will go a long way in saving mother earth and at the same time create business opportunities for all.

SEA Chairman, Mr Francis Chew Joon Fah in his dinner speech, urged the government to monitor and control the sale of poor quality electrical products in the market to protect consumers' safety. The association will organise educational activities to create safety awareness.

TEEAM President, Engr Fu Wing Hoong echoed SEA Chairman's called on refraining from dealing in sub-standard electrical products. In his speech at the dinner, he said that of great concerns were undersized cables, fake SIRIM stickers and low quality products. He said, "although prices are important factors

in our purchasing consideration, we should not trade off quality and safety for lower prices. We in the electrical fraternity should be a good role model and have good business ethics in promoting the use of genuine and safe products."

Highlights of activities for the night were cake cutting ceremony, presentation of long service awards, lucky draws and taekwondo performance. It was a joyous and memorable celebration. Syabas and well done to the SEA Dinner Organising team.



Congratulations! – Happy 50th Anniversary to SEA.



Cheers – SEA officials proposing a toast.



For the album – TEEAM Council Members posing with SEA officials.



A Complete System in circuit protection



UTAMA

SWITCHGEAR SDN BHD

UTAMA SWITCHGEAR SDN BHD (416650-H)

No. 3, Jalan USJ 19/4A, UEP Subang Jaya, 47620 Petaling Jaya, Selangor Darul Ehsan, Malaysia

Tel 603-8024 1215 Fax 603-8024 1796 Email utamasb@streamyx.com

..... Continue TEEAM at SEA Golden Anniversary Dinner



Thank You – (left) Engr Fu Wing Hoong (TEEAM President) receiving a souvenir from Mr Francis Chew Joon Fah (SEA Chairman). Looking on is Mr Then See Wee (SEA Past Chairman and Dinner Organising Chairman).



At the VVIP table – (from left) Mr Then See Wee (SEA Past Chairman and Dinner Organising Chairman), YB Dato' Yong Khoo Seng (Guest of Honour), Francis Chew Joon Fah (SEA Chairman), Engr Fu Wing Hoong (TEEAM President) and Mr Ling Chick Ngai (SEA Honorary Permanent Chairman).



For the album – (from left) Mrs & Mr T Sundararaju (TEEAM Council Member), Mr Perumal Vengadasalam (TEEAM Council Member), Ir Chew Shee Fuee (TEEAM Vice President) & Mrs Lily Chew and Mr & Mrs Leong Kam Meng (JBEEA President).



Friendship – (from left) Mr Chan Kaim Sam (PEA Deputy President), Ir Chang Yew Cheong & Mr Chong Yoon Koon (TEEAM Council Members), Engr Fu Wing Hoong (TEEAM President), Mr Francis Chew Joon Fah (SEA Chairman), Mr Ooi Eng Guan (TEEAM Council Member) and Mr Ho Khai Hong (TEEAM Honorary Secretary).



Networking – (from left) Mr David Chong Ah Nyap (TEEAM Vice President), Ir Steven Ng Khoo Hwa (TEEAM Deputy President), Mr Yap Ching Kiat (TEEAM Vice President), Mr Ho Khai Hong (TEEAM Honorary Secretary), Mr Peter Lu (SEA Member), Mr Woo Soo Poo (PES President), Mr Chan Kaim Sam (PEA Deputy President), Mr Jack Soon Lee Hock (TEEAM Assistant Honorary Secretary) and Mr Wong Chin Cheong (TEEAM Honorary Treasurer).



For the album – (from left) Mr Lawrence Lai Kun Hoong & Ir Chang Yew Cheong (TEEAM Council Members), Ms Sherly Cheong & Ms Clover Tay (TEEAM Staffs), Mr Ooi Eng Guan (TEEAM Council Member) and Mr Chong Yoon Koon (TEEAM Council Member) and his family.



Networking – (from left) Mr Lawrence Lai Kun Hoong (TEEAM Council Member), Mr Wong Chin Cheong (TEEAM Honorary Treasurer), Mr Chan Kaim Sam (PEA Deputy President), Ir Chang Yew Cheong (TEEAM Council Member), Mr Yap Ching Kiat (TEEAM Vice President), Mr Ho Khai Hong (TEEAM Honorary Secretary), Mr Chong Yoon Koon (TEEAM Council Member), Mr Peter Lu (SEA Member), Engr Fu Wing Hoong (TEEAM President), Mr Francis Chew Joon Fah (SEA President), Ir Steven Ng Khoo Hwa (TEEAM Deputy President), Mr Ooi Eng Guan (TEEAM Council Member), Mr Woo Soo Poo (PES President), SEA Committee Member and Mr Jack Soon Lee Hock (TEEAM Assistant Honorary Secretary).

SIRENA

Made in Italy

Audible and visual warning devices



Industry - Security - Marine and Explosion-Proof

Sole Distributor:

東源電器機械有限公司

THUNG GUAN ELECTRICAL MACHINERY SDN. BHD. (71574-X)

Kuala Lumpur Main office

No. 8 & 10, Jalan Gandek, Off Jalan San Peng, 55200 Kuala Lumpur, Malaysia.

Tel: 603-9221 1811 (4 Lines), 9211 1819, 9221 1910, 9222 2090 Fax: 603-9222 9014

E-mail: sales@thungguan.com / damonyeoh@thungguan.com

Klang office:

No. 54, Lebuhr Merpati, Off Jalan Meru, 41050 Klang, Selangor. Tel: 603-3341 4101 (H/Line) Fax: 603-3341 4077



Council Meeting in Kuching

The TEEAM council organised its meeting in Kuching for the second time. The meeting was held on 27th November 2011 and it was hosted by the Sarawak Electrical Association (SEA) at its premises. The trip to Kuching by the TEEAM Council was in conjunction with SEA golden anniversary celebration. It is hoped that closer ties are forged with SEA members through networking and exchange of ideas.

During the stay in Kuching, the Council also made a trip to Annah Rais Long House and Hot Spring. Two rounds of golf were also organised at the Sarawak Golf Club. The Council also visited the Borneo Convention Centre.

The TEEAM Council puts into record its appreciation to SEA for the warm hospitality. It was a memorable networking trip for all.



For the album – TEEAM Council meeting in progress.



Strong participation – SEA members at the TEEAM Council Meeting.



Meeting in progress – The Council engrossed in discussion.



For remembrance – Group photo taken at SEA premises.



Leisure time – Group photo taken at Borneo Convention Centre.



dp Thermo Electric Sdn Bhd

(A Member of dpstar Group of Companies)

(Co. No.: 618662-M)

49-G, Jalan Kenari 17/F, Bandar Puchong Jaya, 47100 Selangor Darul Ehsan, Malaysia.

E-mail : info@dpstar.com.my



Tel : +603 8070 8788 (Hunting Line)

Fax : +603 8070 8766




- 5 Digits Panel Meters with Alarm / Analog Output / RS 485
- Signal Transmitters & Electrical Transducers
- Current / Voltage / Power Meters
- Flow Totalizer Meters / Counters (10 Digits)
- Resistance / Load Cell / Strain Gauge Meters
- Pressure / Temperature Meters
- Proximity / Photoelectric Sensors

Other Products Available :

Pm
Transmitter & Panel Meters

FATEK®
Programmable Controller

FLINTEC
Load Cells and Accessories

HITECH
Electronics Corp.
a Beijer Electronics Group company
Industrial Touch Screens / HMI

kontron
... always a Jump ahead!
SCADA Software & OPC Servers

DAIICHI DENKO
Panel Heaters

SHIMADEN
Temperature & Humidity Controls

MALTEC
Heater & Thermocouple

ABB
Control Products

UNIPULSE
Weighing Controller & Indicator

FLUKE
Test and Measurement Equipments

OMRON
FA Control Components

PROCESS TECHNOLOGY
Electric Teflon Heaters

Ninomiya
Thermocouples & Heater Cables

RAINBOW
CAPILLARY THERMOSTAT

rotronic ag
Humidity/Temperature Measurement

FE e-Front runners
Low Voltage Components

KURABE
Heat Resistant Specialty
Wires & Cables

tec sis
Technologies for Sensors
Indicators & Systems

beck
Differential Pressure Switch
& Transmitter

Exclusive Agent and Distributor

for Full Range of Factory Automation, Building Automation and Control Components

www.dpstar.com.my

..... Continue Council Meeting in Kuching



Welcome – Arrival at Kuching airport.



Welcome dinner – (from left) TEEAM Council Members: Mr Siew Choon Thye, Ir Chang Yew Cheong, Mr Ooi Eng Guan, Mr Wong Chin Cheong, Mr David Chong Ah Nyap, TEEAM staffs: Ms Clover Tay & Ms Sherly Cheong and TEEAM Council Member, Mr Jack Soon Lee Hock.



Sight-seeing – Visit to Annah Rais Long House.



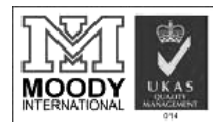
Shopping – TEEAM officials, spouses & staffs buying handicrafts.



SHAMAN SDN. BHD.

(45706-K)

Established Since 1979



ISO 9001
BS EN ISO 9001

We are specializing in:-
HIGH TENSION ELECTRICAL WORKS
LOW TENSION ELECTRICAL & ENGINEERING WORKS
EXTRA LOW VOLTAGE WORKS
TELEPHONE WORKS
MECHANICAL WORKS
MAINTENANCE WORKS

REGISTERED WITH:-

PKK (CLASS 1)
 PKK CLASS A
 TARAF BUMIPUTERA
 CIDB (G7)
 SURUHANJAYA TENAGA
 KEMENTERIAN KEWANGAN
 TARAF BUMIPUTERA

TENAGA NASIONAL BERHAD
 TELEKOM MALAYSIA BERHAD
 PUTRAJAYA HOLDINGS
 FELDA HOLDINGS BERHAD
 CELCOM

KUALA LUMPUR : 277-3, Jalan Selingsing 7, Taman Niaga Waris, Off Jalan Kuching, 51200 Kuala Lumpur

Tel : 03-62584288, 62570543 Fax: 03-62516966 Email: mail@shaman.com.my

SABAH

: 12, Tingkat 1, Blok B, Heritage Plaza, Jalan Lintas, 88000 Kota Kinabalu, Sabah

Tel : 088-712133 Fax: 088-716133 Email: kkoffice@shaman.com.my

Now get a solar solution that brings enhanced availability to any size installation



Residential



Buildings



Power Plants

Reduce energy and capital costs with an end-to-end electrical infrastructure from Schneider Electric

Solar experts on a global scale

How much time and money could you save with a state-of-the-art solar solution — one that's reliable, efficient, and custom designed to your project requirements?

No matter the size or scale of the project, Schneider Electric™ has a bankable photovoltaic (PV) solution to fit your needs. Fast ROI, a low levelized cost of energy — it's all part of our offer as the world leader in energy management.

A comprehensive PV solution

From residential homes to large buildings and power plants, we offer an appropriate electrical infrastructure that reduces your energy costs and is guaranteed to meet local specifications.

With our state-of-the-art inverters, an extensive background in backup power supplies, and our end-to-end electrical solutions, no one is better able to offer you:

- > **Solar farm solutions** with guaranteed high availability
- > **Large building solutions** that cut operating costs
- > **Residential solar packages** with quick, easy installation.

Optimize your energy harvest

Schneider Electric PV packages and solutions are high quality, highly efficient, and available everywhere, enabling a competitive edge and reliable services you can count on.

Solar farms and large buildings

Supervision, security, real-time monitoring — it's all part of our high-availability, large-scale solar solutions with optional service plans to guarantee uptime.

Residential and small buildings

Now your customers can get a complete grid-tie or off-grid electrical system, from state-of-the-art wiring boxes and inverters to innovative monitoring and control software.

Worldwide service capabilities

From product availability to worldwide services, Schneider Electric brings reliable solar power to wherever you happen to be.



Learn more about our solar solutions!

Download our **FREE** solar solutions guide today and be entered to win **FREE** Solar feasibility assessment worth RM300!

Visit www.SEreply.com Key Code **12485P**

Schneider
Electric

Power-Gen Asia

Power-Gen Asia 2011, the 19th premier conference and exhibition for the power generation, transmission and distribution industries in South East Asia, was held from 27th to 29th September 2011 at Kuala Lumpur Convention Centre, Malaysia. The event was organised by PennWell Corporation and TEEAM was one of the supporting organisations.

The high-powered conference addressed and discussed strategic and technical issues surrounding the challenges ahead for regional governments and the industries. It covered a broad range of topics over four conference tracks, namely:

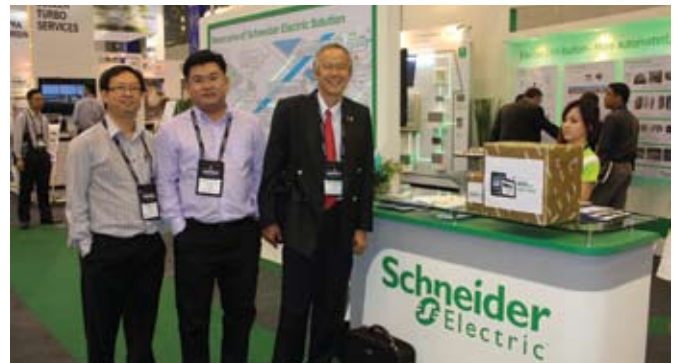
- Trends, finance & planning
- Environment challenges, fuel options, power grid & distributed generation
- Power plant technologies
- Operation, optimisation & servicing

A diverse range of topics were discussed by an equally broad range of international speakers, from traditional fossil fuel technology to the developments in green and renewable power generation. Nuclear power in Malaysia was also in the panel discussion which drew great interest among the delegates. The strategic and technical content of the conference provides great information and educational opportunities for all power industry executives to observe, learn and update their skills and knowledge of emerging technologies and key topics that will affect the future of the region's power generation industry.

There is serious focus on energy efficiency now and Malaysia is looking at implementing energy efficiency vigorously and is now in the process of enacting the energy efficiency and conservation law. The Malaysian government will continue to further enhance sustainable development of the energy sector through an optimal energy mix and improving the performance of the transmission system, to enable it to contribute towards strengthening economic growth.

The event attracted a full house of exhibiting companies with over 150 organisations from 50 countries. They showcased a wide range of products and services with the latest technology in power generation, transmission & distribution; and renewable & sustainable energy.

Power-Gen Asia 2011 was a good platform for display of products and services, excellent networking opportunity and an experience for developing the skills and knowledge of the power industry professionals. It was certainly a fruitful event for all who attended.



At Schneider Electric booth – (from left) Ir Chang Yew Cheong (TEEAM Membership Recruitment Chairman), Mr Philip Tang Tung Kee (TEEAM Council Member) and Ir Chew Shee Fuee (TEEAM Vice President).



Hoping to be the winner – Ir Chew Shee Fuee (TEEAM Vice President) filling in a contest form. Helping him is Mr Philip Tang Tung Kee (TEEAM Council Member and Country Manager of Schneider Electric).



Panelists – Speakers and Chairperson of Power-Gen conference.



TEEAM Council Members at Power-Gen – Mr Lawrence Lai and Ir Yong Ah Huat.



Show of support – Officials at TEEAM booth at Power-Gen Asia.



Visitors at Power-Gen exhibition – A cross section of the hall.

Maxguard

SAFE AND SAVE

What are
the advantages
of using
MAXGUARD?



Safe with Warranty



Safe with Fully Tested



Safe with Qualification



Save Cost



Save Time



Save in Energy

WARRANTY
36
MONTHS
WARRANTY
Terms & Conditions Apply

PRODUCT LIABILITY
★ Terms & Conditions Apply ★
RM1,000,000.00



 Suruhanjaya Tenaga

Approved for
Government Projects



ITS Intertek Testing Services
ETL SEMKO



MAXGUARD SWITCHGEAR SDN BHD (Co. No. 467568W)

No 8, Jalan Anggerik Mokara 31/47, Kota Kemuning, Seksyen 31, 40460 Shah Alam.

Tel: (603) 5121 2288 Fax: (603) 5121 2868 Email: sales@maxguard.com.my

Website: www.maxguard.com.my

Korea Power Forum

A delegation of leading vendors from the Korea Electric Power Corporation (KEPCO) and Korea Electrical Manufacturers' Cooperative (KEMC) was in Kuala Lumpur last October seeking business partnership with Malaysian companies. Business matching meetings and a technical forum themed "Green Growth with Smart Grid" were held on 17th October 2011 at Berjaya Times Square.

The event was organised by KEPCO & KEMC and was supported by Malaysia-Korea Technology Center (MYKOR), Malaysian Industry-Government Group for High Technology (MIGHT), TNB and TEEAM. The Korean delegation hoped to share their experiences and knowledge with the local business community in the E&E sector while seeking business opportunities.

TEEAM President, Engr Fu Wing Hoong led a TEEAM delegation to the opening ceremony and thereafter members attended business matching meetings with the Koreans. TEEAM hoped that the event will establish smart partnerships between members of TEEAM and KEPCO & KEMC.

At the opening ceremony, KEMC and TEEAM signed an MOU to jointly promote business cooperation between members of both organisations. KEMC and TEEAM hope to exchange market information on the E&E industry between Korea and Malaysia.

Some 127 one-to-one business matching meetings were organised between the local business entrepreneurs and the twenty Korean companies.



Opening ceremony – VIPs on stage.



MOU signed & sealed – (right) Engr Fu Wing Hoong (TEEAM President) and Mr Lee Jae-Kwang (KEMC Chairman) completed the MOU signing. Looking on are (from left) Mr Kim Jong-Ho (KEPCO Executive Vice President), YBhg Dato' Ir Azman Mohd (TNB COO/Executive Director) and Mr Abdul Halim Mohd Bisri (MIGHT Vice President).

Company	Products
KD Power Co., Ltd www.kdpower.co.kr	Diesel generator, solar power system, M2M service
Samhyun CNS Co., Ltd www.samhyun.com	Surge protective device, automatic reset device
Intech FA Co., Ltd www.intech-fa.co.kr	Solar pumping system (off grid type), MFPCS
Prime Solution Co., Ltd www.primesolution.co.kr	SPD/TVSS
Hangang Mechatronics CO., Ltd www.hangangups.com	Uninterruptible power system, automatic voltage regulator
Kwang Myung Electric Co., Ltd www.kmec.co.kr	Switchgear, GIS & C-GIS
Seojin Electrical Metal Co., Ltd www.sjeleco.com	Copper (aluminium) connector, copper busbar, CU base for computer cooler
Koryo Electric Co., Ltd www.koryeo1.com	Switchgear
Pyungil Co., Ltd www.pyungil.com	Polymer insulator & bypass system
Gum Sung Electric & Controls Co., Ltd www.igsec.co.kr	Switchgear
Koryo Electric Wire Co., Ltd www.koryocable.co.kr	Power cable, insulated wire
Procom Systems Co., Ltd www.procom.co.kr	Digital fault recorder, current transformer tester, power transformer tester
Editech Co., Ltd www.editech.co.kr	Phase finder system, digital voltage recorder
Hajung Ind Inc www.ha-jung.com	Insulated power cable cover (ICC)
Vision Light Co., Ltd www.visionlight.co.kr	LED bulb lamp, LED tube light, LED down light, LED stage light
KLES Inc Plumber www.kles.kr	Total management system for hanger and piping
Hwachon Plant Co., Ltd www.hcplant.co.kr	Penstock
Asian Power & Energy Corp www.apecorp.org	Circuit breaker
Bethel Engineering Co., Ltd www.bteng.net	Magic grating
STB Co., Ltd www.stbchip.co.kr system	Lithium secondary battery BMS (battery management for emergency power source)



Support from TEEAM – (front row from left) Mr Ho Khai Hong (Honorary Secretary), Council Members: Mr Ooi Eng Guan, Ir Chang Yew Cheong & Mr Liang Kok Boon, and Mr Chong Chee Siong (Committee Member).



INDOOR & OUTDOOR LIGHTING MANUFACTURER

PCO

Lighting Solutions
for your Future



PCO **LED** the way for the future with green and energy efficient solutions

PCO LITE ELECTRICAL SDN. BHD. (Reg No. : 319183-D)

Lot No. 157880 Off Jalan Degong, 31900 Kampar, Perak Malaysia.

Tel: 605-466 5313, 465 1020 Fax: 605-465 1310

E-Mail: pcolite@streamyx.com Website: www.pcolite.com

..... Continue Korea Power Forum



Networking – (from left) Mr Michael Kang of Kwang Myung Electric and Mr Jeffrey Ng & Mr Loh Sai Hoe of Wisepro.



All smiles – (from left) Mr Chong Yoon Koon (TEEAM Council Member), Dr Michael Lim (PDS Global Business Adviser), Engr Narendren Rengasamy (NCCIE Treasurer), Mr Ooi Eng Guan (TEEAM Council Member) and Mr Hong Byung Chul (PDS Global Chairman).



For the album – Ir Yong Ah Huat (TEEAM Council Member) and Mr Suresh Kumar Gorasia (Past President and International Affairs Chairman).



TEEAM officials – (from left) Mr Chong Chee Siong, Ir Steven Ng Khoo Hwa, Mr Ong Ah Cheong, Mr Liang Kok Boon, Mr Chong Yoon Koon, Mr Ho Khai Hong and Dato' Ir Lee Peng Joo.

One-to-one business matching meetings





PLANET
LIGHTING

Planet Lighting Medical ULED Examination Light

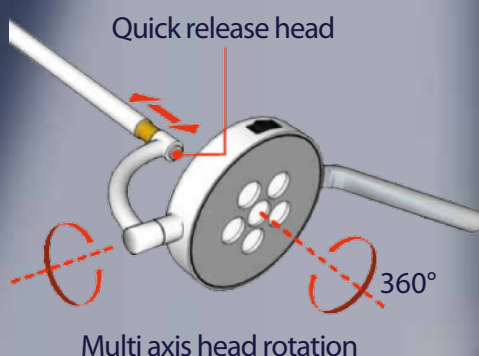
The ULED light head is detachable.
Easy to upgrade the head and/or
replace it with a different version
without removing the fixture or
requiring a qualified technician

16000 or 21000 lux LED
light heads available @ 4000k

50,000 hours lamp life (L70) " over
15 - 25 years in normal use"

The light head is fully sealed
(IP64), and shaped for ease
of cleaning/sterilisation

Very economical
running costs
Total power use,
only 12 watts



Pierlite Malaysia Sdn Bhd

(Company No. 638905-U)
No. 36, Jalan SS4C/5,
47301 Petaling Jaya,
Selangor Darul Ehsan,
Malaysia.

Tel 603 7803 9888
Fax 603 7803 9777
Email sales@pierlite.com.my
Website www.pierlite.com

A MEMBER OF THE GERARD LIGHTING GROUP



TEEAM Specialised Group – Manufacturing

by the Chairman, Mr Yap Ching Kiat.

Technical Report on LED for Road Lighting

In recent years, Light Emitting Diode (LED) has been marketed aggressively as the light source that is energy efficient, has longer life span, green and cost effective. However, experiences with LED products for road lighting have been so far generally negative especially the long life or reliability aspect. This misconception has prompted TEEAM to take the initiative to carry out a study on the suitability of LED for road lighting.

A Working Group was established consisting of stakeholders, lighting experts, academia and consultants to evaluate the suitability of LED light source for road lighting as it involves the safety and security of road users; the use of public funds to provide/maintain/operate the systems; and the environmental impact.

The Working Group has finalised its study and came up with a technical report that gives recommendations on the suitability of LED for road lighting in Malaysia. According to the findings, there is no advantage in using LED for road lighting with present best available technology. In fact it uses 10 to 15% more energy, and cost wise it is more expensive by 2 to 5 times, and it is 5 to 12.5 times more expensive on the maintenance cost over a 20-year life span usage.

The conclusion from the report is that LED innovation can be offered as an alternative light source in many lighting areas; however, for road lighting, there is no advantage at the moment. As technology evolves quickly, we hope that in time to come, LED may prove to be efficient for road lighting. This report is the first edition and it will be reviewed by the Working Group every four to six months depending on the development in LED technologies. Please refer to page 107 of the Suara for full details of the technical report.

TEEAM has so far briefed the Minister of Energy, Green Technology and Water; Minister of Housing and Local Government and the Energy Commission on the findings in the technical report.

Proposed Best Innovation Award

The Council proposed to present “The Best Innovation Award” in the coming 60th anniversary of TEEAM which will be celebrated on 8th September 2012. The proposed award is to give recognition to TEEAM manufacturing members for their innovation. The application will be opened once the application form is finalised.

The Need of a Full Fledged National Electro-technical Testing Laboratory

TEEAM has raised the above issue at many platforms be it at ministerial level dialogues or government agencies’ meetings that we need such important infrastructure facility to propel the manufacturing industry. Currently there is a lack of facilities to test power equipment such as switchgears, transformers and switchboards. We believe domestic investment in the manufacture of such equipment will increase to make Malaysia a major exporter if high power/high voltage tests are also made available. Beside testing domestic products, a full fledged laboratory is needed to carry out conformity assessment of important products to enable the implementation of mandatory standards.

Market Surveillance on Regulated Products

Regular meetings on market surveillance and enforcement must be carried out to ensure local manufacturers are competing on a level ground in the home market. Imported non-compliant products can easily find its way into the market. Hence, local manufacturers must ensure imported products are also complying strictly to the regulation. For effective enforcement of regulations, TEEAM members of regulated products must push forward for market surveillance to provide market information to the authority for actions to be taken. Hence, I would like to see members taking a pro-active role in this.



Yap Ching Kiat

National Minimum Wages

The government has recently announced the implementation of the national minimum wages and we have voiced our deep concerns from the E&E industry’s perspective to YAB Prime Minister.

While we support the government’s proposal to implement the national minimum wages, we are concerned that the proposed minimum wage of between RM800 to RM1,000 would result in huge and sudden increase in wages and labour related costs. Most of our manufacturing members will be affected.

An employee has a much higher “Take Home Pay” after including overtime, incentives, allowances and bonuses. Hence, there is an urgent need to define “Minimum Wage” which we called “Basic Salary” so that everyone is clear.

TEEAM is of the view that any increase in wages must be linked to an increase in productivity which is achieved through training and upgrading of skills. As productivities need time to be achieved, the minimum wage increase should not be drastic but likewise be staggered. Minimum wage must also differ according to geographical location due to difference in cost of living.



TEEAM Manufacturing Committee – (seated from left) Ir Rocky H T Wong (Technical Adviser), Mr Yap Ching Kiat (Chairman), Mr K Subramaniam (Vice Chairman), Ms Theresa Lam (Secretary) and Mr Simon Leong (Committee Member). (standing from left) Mr Anthony Ng (Committee Member), Mr Por Teong Eng (Committee Member), Mr Glenn Tiong (Committee Member), Ms Winnie Khong (Executive Secretary), Mr Tan Sean Chee (Committee Member) and Mr Willy Wong (Committee Member). Some Committee Members are not in the photo.



Low Voltage Products



Emax air circuit-breakers



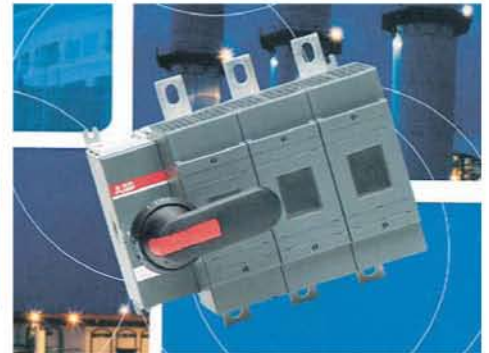
Moulded Case and Air Circuit Breaker



Switch-Disconnectors OT and OETL



Switch



PowerLine fuses OS and OESA



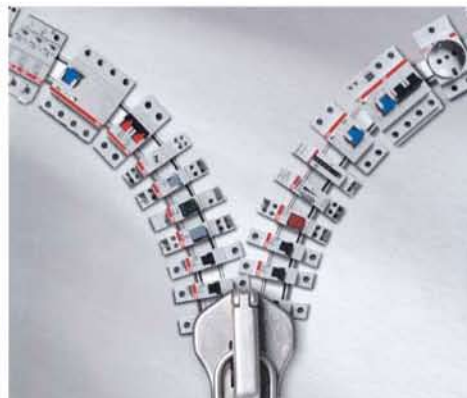
Tmax. T Generation



Contactors



Softstarters



System pro M Compact®



MCB and RCD



KUASA JATI SDN BHD (550836-X)

No. 23, Jalan Anggerik Vanilla 31/93, Kota Kemuning, 40460 Shah Alam, Selangor Darul Ehsan, Malaysia.

TEL: 03-5122 8859, 5122 7759 FAX: 03-5121 8859 E-MAIL: info@kuasajati.com WEBSITE: www.kuasajati.com