

## PEMA Office Bearers / Management Council for the year 2016-2017

Trustees	Lee Boon Hoe Koh Ah Tee Dato' Ooi Kok Kee Choo Kwang Wah
Executive Advisors	Dato' Hong Yeam Wah Ir Chen Chin Peng Foo Sing Tatt
Association Advisors	Lai Chang Hun Foo Sing Tatt Kee Eng Leong Lee Thean Chor Ir Chen Chin Peng Chiem Boon Kooi
President	Khaw Tatt Siew
Deputy President	Lee Kuan Meng
Immediate Past President	Cheah See Yeong
Honorary Secretary	Ir Lee Weng Keen
Assistant Honorary Secretary	Yeap Kim Poh
Honorary Treasurer	Tang Keem Hoong
Council Members	Dato' Hong Yeam Wah Teoh Yew Yean Dato' Ooi Kok Kee Choo Kwang Wah Lim Kim San Neoh Boon Tong Thi Chaw Hock Chu Kerd Yee Kevin Nia Jun Hau Leong Joon Chuan Steve Koh Cheang Shern Tan Eng Leong
<b>Committee Chairmen</b>	
Contractors' Committee	Teoh Yew Yean
Manufacturer's Committee	Chu Kerd Yee
Supplier's Committee	Neoh Boon Tong
Technical Committee	Ir Lee Weng Keen
Disciplinary Committee	Choo Kwang Wah
Constitution/By-Law Committee	Cheah See Yeong
Welfare & External Affair Committee	Lim Kim San
Property Committee	Leong Joon Chuan
Recreation Committee	Steve Koh Cheang Shern
Membership & Recruitment Committee	Thi Cjaw Hock
Education Fund Committee	Dato' Ooi Kok Kee
IT & Multimedia Committee	Kevin Nia Jun Hau
Technical Advisors	Ir Beh Hong Pin Ir Chen Chin Peng Ir Thean Kah Kong Ir Tan Yeow Joo Ir Tan Tea Hwa
Legal Advisor	Lena Leong Oy Lin
Honorary Auditor	Lau Kok Kon



### Sabah Electrical Association

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### Visit To Yayasan Kebajikan Suria

After the first visit in September 2014, PES once again paid another visit to meet the Founder and Executive Chairman of Yayasan Kebajikan Suria, YBhg Datuk Hajah Raya Erom at the Headquarters Office on the 25 of February 2015. In this visit PES had agreed to provide assistance to do some repairs and installation of electrical wiring at the Asrama in Tuaran. On that occasion PES had donated some basic needs and presented Angpow to all the inmates. Later on March 17, 2015 PES presented a beautiful painting as well as donation to Yayasan Kebajikan. On August 14, 2015 President Mr Bunny Teh, Mr Shah Fareed and Mr Roslan also paid a visit to inspect the ongoing electrical works carried out at the Asrama in Tuaran.



*Thank you – (2nd from left) PES President, Mr Bunny Teh presenting a souvenir to the Yayasan Kebajikan.*

### PES Charity Golf Tournament

PES Function & Event Chairman, Mr Foong June Choy organised a Charity Golf Tournament on 16th January 2016 at Sabah Golf and Country Club, Kota Kinabalu. It was quite a successful event which was participated by 137 golfers with a total of 35 flights. There was overwhelming response towards PES's drive for sponsorship and donation which contributed more than RM48,000.00. The net proceeds from the tournament will go to PES Charity Donations for Sabah Cheshire Home, Yayasan Kebajikan Suria and Bukit Harapan Therapy Community and also for the annual Cash Incentive Awards to PES Members' children who achieved excellent results in their examinations. Congratulations to all the winners and a big thank you to all the generous sponsors as well as to all Sub-Committee Members for ensuring that the tournament was smoothly organised.



*Congratulations – PES officials posing with golf winners.*



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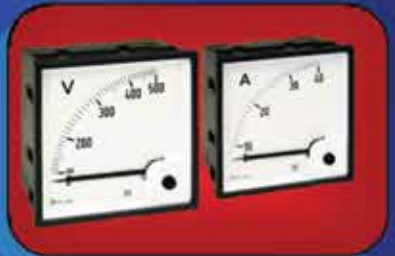
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## Charity Visit

On February 25 and 26, 2015 PES visited the Sabah Cheshire Home (Persatuan Rumah Amal Sabah), Seri Mengasih Centre, Yayasan Kebajikan Suria, Pusat Jagaan OKU Tolumis and Asrama Borombon, Kiulu, respectively. PES donated some basic needs and Angpow to all the inmates. As the Chinese New Year celebration was still going on, all the committee members sang some songs to entertain them. Among the committee members present that day were Mr Bunney Teh (President) and First Lady Ms Jenny Ong, Mr Chin Fui Ming (Vice President I), Mr Leslie Jong (Vice President II), Mr. Roslan Serin (Honorary Secretary), Mr Shah Fareed Datuk Awang Sham (Community & Service Sub-Committee), Mr Woo Soo Poo (Past President), Mr Aldrin Wong (Committee Member) & Spouse Ms Kong Soon Mun, Mr Foong June Choy (Committee Member), Mr Clarence Chong (Committee Member) and Mr David Chan (Committee Member).



For the album – Snapshot after the visits.

## PES 19th Annual General Meeting

The 19th Annual General Meeting was held on the 19th March 2016, at the PES Office in Kota Kinabalu. During the AGM, Academic Excellence Awards were presented by President Mr Bunny Teh in the company of Mr Clarence Chong as the Welfare & Scholarship Chairman. Awards were presented to ten PES members' children. A total of 31 PES members attended the AGM. The meeting capped off with a buffet lunch.



Keynote address – Mr Bunny Teh (PES President) delivered his speech at the general meeting.



## The Perak Electrical Association

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E-mail: multipower99@gmail.com / peaipoh@gmail.com

## PEA AGM & Election

The Perak Electrical Association (PEA) held its 2016 Annual General Meeting (AGM) & Election on 13th March 2016 at PEA Premises, and the Installation of Office Bearers was held on 30th March 2016. Following is the new office bearers of PEA for the year 2016-2017:

### Office Bearers of PEA for the year 2016-2017

Post	Name
President	Chan Kaim Sam
Deputy President	Wong Kee Keong
Vice President	Kong Wan Fook
	Foo Yoke Toong
	Foo Kooi Chong
	Teoh Kim Fong
Secretary	Har Chee Hoong
Vice Secretary	Ong Kean Seng
Treasurer	Ngeow Khong Seng
Vice Treasurer	Lai Koon Loy
Correspondence (Chinese)	Hoo Chan Kee
Correspondence (English)	Wong Kok Mun
Correspondence (Bahasa Malaysia)	Lee Chee Khai
Social Secretaries	Cheah Kong Yew AMP
Welfare Officers	Peter Chin Hoo Keat
	Lau Sin Leong
Info & Technology Officers	Ir Dr Chan Seong Phun
	Engr Liew Kar Hoe
	Ang Deng Loy
Committee Members	Ngoi Ah Tee
	Tiew Kah Wei
	Wong Kon Yuen
	Fook Chee Ming
	Au Wai Yeen
	Hooi Kar Loong
	Yeong Yik Mun
	Chung Chun Heng



Passing the baton - Mr Teoh Kim Fong handing over the PEA Presidency to Mr Chan Kaim Sam (left). Witnessing is Mr Khaw Chin Hong (Founder, Adviser & Honorary President).



All smiles – New Office Bearers of PEA for 2016-2017.

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**Persatuan Kekompetenan Penjaga Jentera & Pendawai Elektrik Perak (PKPPE)**  
 13B, Medan Bendahara 2, Medan Bendahara, 31650 Ipoh, Perak  
 Email: pkppe.2001@gmail.com

**14th Anniversary & Building Fund-Raising Dinner**

PKPPE was established in 2001 to uphold the integrity and protect the rights and welfare of all Energy Commission (ST) registered chargemen and wiremen. PKPPE launched a building fund in 2015 and organised activities to raise fund to purchase its own building. They successfully raised more than RM 300,000 and purchased a much anticipated new premises situated at 13B, Medan Bendahara 2, Medan Bendahara, 31650 Ipoh, Perak. Its facilities include an office, meeting rooms and working areas to hold technical training and seminars.

In conjunction with its 14th anniversary, PKPPE had invited all sponsors, business partners and supporters to grace the official opening of its premises on 18th October 2015.



*Ribbon cutting ceremony – PKPPE officials and honorable guests graced the opening of new premise.*

In the same evening, a building fund-raising dinner was held at Super HLT Restaurant, Ipoh. The dinner registered a great turn-out of some 800 members and guests, and members of the Press too.

VIPs included invitees from TEEAM, IEM Perak and PEA. In his welcome speech, the then President, Mr Chan Kaim Sam expressed his pleasure and felt gratified because PKPPE finally have their own premises to carry out their activities. He thanked the members, peers and the community for the great support.

The dinner started with gong-hitting and followed by a lighting ceremony where a small lamp was simultaneously lighted by everyone present. Thereafter plaque awards were presented. The dinner atmosphere was friendly and it was a fantastic opportunity to meet old friends and peers. Everyone had a very enjoyable night.



*Lighting ceremony – VIPs, PKPPE Committees and all guests each lighting a lamp.*

**Technical Visits**

PKPPE organised several factory technical visits to Mega Kable Sdn Bhd, Hager Engineering Sdn Bhd (Penang Branch), Terasaki Electric (M) Sdn Bhd, and Maxguard Switchgears Sdn Bhd to enhance members’ technical knowledge and strengthen relationship among each other.



*For the album – Snapshot at Terasaki.*

**Dialogue with TNB Perak**

Several dialogues had been organised with TNB Perak to resolve issues at the state level. The latest dialogue was held on 31st March 2016 at Wisma TNB Jalan Lahat, Ipoh. PKPPE officials met TNB Perak Customer Service & Marketing Manager, Mr Md Fairuz Md Yusof and his officers.

Several issues were discussed such as “Akujanji” application form, high initial deposit, TNB scope of work, connection charges, ESAH 3, procedure of sealing TNB meter, etc. The “Akujanji” application form was resolved instantly at the dialogue. PKPPE hoped that TNB can respond to those unresolved issues in the next dialogue. PKPPE wishes to thank TNB Perak for their valuable time and effort in resolving all the issues that might cause problems to the community.

**Cooperation with Sin Chew Daily (Perak)**

PKPPE worked closely with Sin Chew Daily (Perak) to publish a special column to provide technical information and to raise awareness on electrical safety to the public.

PKPPE had successfully published twelve weekly columns within three months. Some of the topics were on self-test residual current circuit breaker (RCCB), installing 10 milliamperere (mA) RCCB for water heater device, adequate wire size and simple lightning protection system. These special columns received overwhelming response from the readers. They had contacted the association for further details.



*Publication – Special Column in Sin Chew Daily on electrical safety awareness.*

**PW2 & PW4 Part Time Course**

PKPPE co-organised with Industrial Training Institute (ILP) Perak to hold the wiremen PW2 & PW4 part time courses. PKPPE will assist students to fill in the form, gather and check all the personal detail before submitted to ILP. PKPPE recruits new student every half year through the Sin Chew Daily (Perak Edition).

The course is for those who are working in the electrical field but do not have any competent certificate. Requirement for the course is two years’ working experience in electrical field, age between 18 and 50 years and completed secondary Form 5. Credit hours for both PW2 & PW 4 are 240 hours each in six months’ time conducted on Saturday and Sunday. The course covers theory and practical teaching. After completing the course and passing the exam, Energy Commission (ST) will award a competent certificate to the student.

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**Programme “Sehari Bersama Pelanggan” by TNB**

TNB collaborated with PKPPE to organise a “Sehari Bersama Pelanggan” programme to approach and understand the customers’ needs. PKPPE set up a demo RCCB display unit to provide guidance, explanation and allow the public to have hands-on experience in periodic self-testing of RCCB. The programme was held on 16th April 2016 at Dewan Chung Tack, Simee, Perak.



For the album – PKPPE and TNB officials.

**ST “Touch Point” Programme**

ST has issued notice urging installation owners to switch from the old voltage operated Earth Leakage Circuit Breaker (ELCB) to Residual-Current Device (RCD) that is approved by ST and carries SIRIM label. This prevents electrical related accidents that are caused by earth current leakage. The installation should be carried out by an electrical contractor with a valid registration with ST.

PKPPE is honoured to work together with ST Perak in this corporate social responsibility (CSR) “Touch Point” Programme. The objective of the programme is to replace obsolete ELCB with RCCB in premises that have been identified to prevent electrical accidents from occurring. This programme has targeted 40 premises especially welfare homes of orphans, welfare homes of the disabled, welfare homes for the elderly and the poor in different areas in Perak. The programme started in April 2016 and target to complete within two months. RCCBs for the project are sponsored by Maxguard Switchgears Sdn Bhd.



Good job – PKPPE, ST and Maxguard officials posing with the residents.

**PKPPE AGM & Election**

PKPPE held its Annual General Meeting (AGM) and Election on 12th March 2016 at PKPPE Premises. Some 40 members were present. A new Council was elected and led by the newly elected President, Mr Choong Soon Yean and his deputy Mr Yong Chee Choong. The new team of competent and enthusiastic Council will drive PKPPE to greater heights. PKPPE hopes to share electrical knowledge and rights with the public and contribute to the society by providing opportunities to study and become competent personnel.



New line-up – PKPPE Council Members for the year 2016-2017.

**PKPPE Council Members for the year 2016-2017**

Position	Name
President:	Choong Soon Yean
Deputy President:	Yong Chee Choong
Vice Presidents:	Lam Kwong Heng Tan Soo Choy Lee Wei Tong, Fong Kim Wah Lee Chee Wah
Secretary:	Wong Seak Wai
Vice Secretary:	Nick Liew Kar Hoe
Treasurer:	Chew Kam Hoong
Committee:	Kong Kean Wei Ng King Leong Stanley Wong Chen Yu Tony Leong Kwong How Mr. Bryan Chong Sing Lim Kan Kok Meng Chong Chye
Auditor:	Ong Kean Seng Tan Thow Keen

The newly elected Council was installed on 23rd March 2016 and witnessed by Electrical Advisors, Ir Fong Chin On and Ir Lee Cheow Tong, and Legal Advisor, Mr Andrew Song Tze Toong at Weil Hotel, Ipoh. The new Council showed their appreciation to the outgoing Council with special recognition and appreciation certificates presented to each outgoing Council Member.



Handing Over Ceremony – (from left) Mr Wong Seak Wai (Secretary), Mr Chew Kam Hoong (Treasurer), Mr Wong Kee Keong (Immediate Past Treasurer), Mr Andrew Soong Tze Toong (Legal Advisor), Mr Chan Kaim Sam (Immediate Past President) and Mr Choong Soon Yean (President).

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**ELECRAMA 2016**

Some SEA officials together with the TEEAM delegation visited the Indian electrical power engineering exhibition, ELECRAMA 2016 which was held from 13th to 17th February 2016 at Bangalore, India. Besides visiting the exhibition, the delegation also attended the ChangeXchange, a Reverse Buyer Seller Meet for business meetings with the suppliers from India. It was a good exposure to new technologies in the power transmission and distribution industry from all over the world.



*All smile at ELECRAMA 2016 – SEA joined the TEEAM delegation to participate in the biggest electrical exhibition in Asia and Middle East.*

**Chinese New Year Gathering**

During the last Chinese New Year, SEA organised a gathering on 21st February 2016 at Lok Thian Restaurant to celebrate the festive event. Angpows were given to the children below 12 years old. It was a joyous occasion and members got to catch up for the day.



*Generous gesture – (2nd from left) SEA Advisor, Mr Ling Chick Ngai handling out “Angpow” to the recipients. Looking on are Mr Francis Chew (SECA Vice Chairman No. 1) and Dato’ Sri Ir Peter Lu (SECA Chairman).*

**SIEF Korea 2015**

Chairman, Dato’ Sri Ir Peter Lu and SEA members participated in the 20th Seoul International Electric Fair from 20th to 22nd October 2015 held at COEX, Seoul. The 11-member delegation comprising SEA and TEEAM members visited the exhibition and also took part in the business meetings to meet suppliers from Korea. It was a good platform to get firsthand information about Korean industry and business opportunities in the Korean market.



*Fruitful discussion – Business matching meeting in progress.*



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 Website: www.jbeea.com.my

**JBEEA AGM & Election**

The Johor Bahru Electrical & Electronics Association (JBEEA) held its AGM and election on 13th March 2016. Following is the list of new office bearers of JBEEA for the year 2016-2018:

**Office Bearers of JBEEA for the year 2016-2018**

Chairman	: Lee Chee Boon
Vice Chairman	: Wong Jiunn Shyong
Honorary Secretary	: Steven Lim
Assistant Honorary Secretary	: Kelvin Yap
Honorary Treasurer	: Wong Chen Choy
Assistant Honorary Treasurer	: Chor Chin Wah
Committee Members	: Lee Hai Soon Tan Lian Hua Tiow Yok Seng
Auditors	: Ngoe Wee Min Chua Kien Kok

**CFL & FL Recycling Programme**

JBEEA has been participating in TEEAM’s recycling programme on the collection of used Compact Fluorescent Lamps (CFL) and Fluorescent Light (FL) since 2015. There is a collection point in Sutera Mall, Johor Bahru for the convenience of the public to dispose their used CFL and FL. TEEAM would like to express its appreciation to the JBEEA Committee for their kind assistance and support to TEEAM’s recycling programme.



*We care! – Showing support to save the environment.*

**Other State Association Members’ contacts:**



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



**Negeri Sembilan Electrical Engineering Association**  
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**Sandakan Electrical Engineering Association, Sabah**

Block B-2, Lot No. 25, Bandar Utama,  
 Batu 6, Jalan Utara, 90000 Sandakan, Sabah.  
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 E-mail: mintzechin@gmail

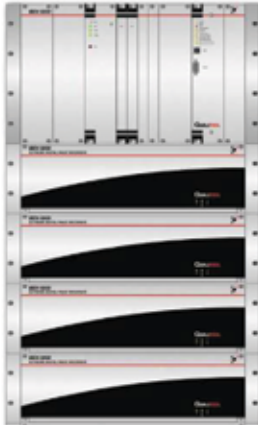
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# TEEAM Specialised Group – Engineering Construction & Services E&E Sector : Drivers of Energy Efficiency Growth

By Secretary, Ir Kok Yen Kwan

**E**NERGY EFFICIENCY or EE, in its most simplistic term, is defined by the International Energy Agency (IEA) as “a way of managing and restraining the growth in energy consumption. Something is more energy efficient if it delivers more services for the same energy input, or the same services for less energy input”. It is also a key component in driving sustainability and especially green buildings worldwide – notably in emerging economies and developing nations such as Malaysia.

According to projection made by IEA, the emerging economies and developing countries will account for a whopping 90% of the additional energy demand in the near future and global energy demand will grow by 1/3 by Year 2030. Malaysia, as a rapidly growing Southeast Asian nation, has also been on an increasingly upward trend in terms of energy consumption across all sectors, as shown in the table below: -

Consumption (in GWh)	Industry	Residential	Commercial	Others
Year 1993	15,154	5,238	8,102	-
Year 1998	28,040	10,164	15,019	12
Year 2003	37,702	14,518	21,141	59
Year 2008	42,879	19,393	30,210	399
Year 2013	60,123	26,306	40,313	617

[source: International Energy Agency]

And with the recent El Niño phenomenon wreaking havoc with the weather (i.e. causing very hot and dry spells), the national utility company – Tenaga Nasional Berhad had confirmed that the country’s energy demand was officially recorded at **17,175MW on 9th March 2016**. Hence, our electricity needs had broken the 17,000MW barrier for the first time in the country’s history.

Based on the above data, it is also worth noting that the combined consumption of the Industry & Commercial sectors accounts for nearly 80% of the entire nation’s energy needs. As the areas of applications and technologies for driving energy efficiencies in both these sectors are many and often complex, thorough understanding of electrical and electronics engineering solutions that can help in consuming energy in a more efficient and cost-saving way becomes imperative. Some of the wide-ranging applications include small and large-scale air-conditioning systems, indoor/outdoor lighting solutions, industrial processes, vertical transportation systems, building automation and control systems, etc.

The Electrical & Electronics or E&E industry together with all their stakeholders, thus become a vital core in all areas of businesses across the nation. TEEAM, being the leading representative body of the industry, plays a key role in linking our members with other stakeholders such as Governmental Agencies, like-minded NGOs, industry players, manufacturers, suppliers, and most importantly, the society at large.

Some of the solutions and technologies that TEEAM members have delivered in recent times to drive the EE market include:

- Variable Speed Drives (VSDs) for flow and/or pressure controls in induction motors that are used in varying applications, e.g. fans systems, pumping systems, compressors, chillers, etc.
- High-efficient lighting solutions that deliver necessary lighting needs for particular applications as efficiently as possible. Modern lighting technologies such as LED or on-demand lighting have also helped to reduce energy consumption while requiring lower maintenance.
- Intelligent building automation systems to assist in lowering energy consumption through measuring, monitoring and control. Such systems have also been customized to suit the varying needs of the installations, e.g. commercial buildings, industrial buildings, schools, institutions of higher learning, shopping malls, hospitals, etc.
- Renewable Energy Systems (i.e. Solar Photovoltaic) which produce electricity directly from solar radiation and thus help to reduce dependence on TNB-supplied electricity.



Ir. Kok Yen Kwan  
yen-kwan.kok@nk-engineers.com

As part of its efforts to raise awareness on the importance of EE, TEEAM via its Green Energy Technology (GET) Committee, has also conducted various activities, as follows: -

- (a) Courtesy visit to the Malaysia Greentech Corporation (MGTC) in Bangi on 2nd November 2015 – discussion was mainly focused on understanding the pillars of MGTC’s vision & mission, and to explore opportunities for TEEAM members to participate in MGTC’s future EE programmes;
- (b) Jointly organising the National Workshops on Building Sector Energy Efficiency with the Building Sector Energy Efficiency Program (BSEEP) – with three (3) workshops scheduled nationwide, i.e. Klang Valley, Johor Bahru and Ipoh;
- (c) TEEAM has joined the Malaysia Green Building Confederation (MGBC) as an Institutional Partner to share a common platform in delivering EE programmes to members of both associations. TEEAM members also enjoy preferential rates for all seminars / workshops / conferences organised by MGBC;
- (d) Jointly organised the EIDC Roadshow: Eco-Industrial Design Collaboration Opportunities for E&E Industry with SIRIM Berhad on 27th April 2016;
- (e) Continuation of the Electronics Waste (EW), Compact Fluorescent Lamp (CFL) & Fluorescent Lamp (FL) Recycling Programme for the next 4 years in collaboration with the Malaysia International Commission of Illumination (MyCIE), and together with our esteemed partners Philips Malaysia, Real Magic Technology and Kewpump;
- (f) Courtesy visit to the Sustainable Energy Development Authority (SEDA) in Putrajaya – at time of going to press, the visit has been tentatively scheduled for 12th May 2016 and discussion will be focused on TEEAM’s roles in assisting SEDA to drive the Renewable Energy market in Malaysia.

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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 : ACEM DIRECTORY 2015 Publisher : Association of Consulting Engineers Malaysia	Title : Handbook on Liberalisation of Professional Services through Mutual Recognition in Asean Publisher : The ASEAN Secretariat Jakarta	Title : Master Builders Journal, Vol 1/2016 Publisher : Master Builders Association Malaysia
Title : Associations, Edition 42 & 43 Publisher : Associations Forum Pty Ltd	Title : IEEMA Journal, Nov 2015 & Apr 2016 Publisher : Indian Electrical & Electronics Manufacturer's Association	Title : MGCC Perspectives, Sept-Oct, Nov-Dec 2015, March-Apr 2016 Publisher : Malaysian-German Chamber of Commerce and Industry
Title : Berita KLSCCCI, Issue 355 Publisher : The Chinese Chamber of Commerce & Industry of Kuala Lumpur & Selangor	Title : Industrial Automation Asia, Oct-Nov 2015 Publisher : Eastern Trade Media Pte Ltd	Title : PAC World, March 2015, June 2015, September 2015 Publisher : PAC World
Title : Business Action @ FMM, Oct – Dec 2015 Publisher : Federation of Malaysian Manufacturer	Title : Insight, Vol 2/2016 Publisher : Transwater Api Sdn Bhd	Title : Panduan Sistem Perlindungan Kilat Di Bangunan Publisher : Suruhanjaya Tenaga
Title : Challenges and Opportunities Facing Malaysia as ASEAN Chair in 2015, No. 53 Publisher : Malaysia-China Chamber Of Commerce	Title : International Metal Working News Asia, February 2015 Publisher : Ringer Trade Media Ltd	Title : Pro Mexico Publisher : Estados Unidos Mexicanos
Title : Chinese Education Bulletin 2015 Publisher : United Chinese School Committee's Association of Malaysia	Title : Jurutera, Issue of June, November, December 2015 Publisher : The Institution of Engineers, Malaysia	Title : SIEF, Power Generation Korea, 2015 Official Directory Publisher : KOEMA
Title : Economic Outlook for Southeast Asia, China and India 2016 Publisher : OECD Development Centre	Title : Korea Leading Die & Mold Manufacturers Publisher : Korea Die & Mold Industry Cooperative (KODMIC)	Title : The Comprehensive Asia Development Plan 2.0 (CADP 2.0): Infrastructure for Connectivity and Innovation Publisher : Economic Research Institute for ASEAN and East Asia
Title : Exporting and International Trade Publisher : Exim Bank Malaysia Manufacturers	Title : Malaysia SAFE March – April, July- Aug 2015, Sept-Oct 2015, Jan-Feb 2016 Publisher : Malaysia SAFE	Title : The Ingenieur Vol 64, October-December 2015 Publisher : Board of Engineers Malaysia



..... continue TEEAM Specialised Group – Engineering Construction & Services E&E Sector: Drivers of Energy Efficiency Growth

With continuous urban population growth and the Malaysian government investing in mega infrastructures to support our growing cities and industries in the coming years, the electrical energy efficiency market presents enormous potential for building owners and operators to save costs while promoting a sustainable economy. It is therefore hoped that TEEAM members can grasp the opportunities to continue innovating and manufacturing energy-efficient solutions, and work together with TEEAM in driving Malaysia towards a sustainable, developed nation status in the not so distant future.



Group Photo of TEEAM's Visit to MGTC



Collaboration for the EW, CFL & FL Recycling Programme

*Ir. Kok Yen Kwan is a current Council Member of TEEAM and is the Chair of the Green Energy Technology (GET) Committee. He is registered both as a GBI Facilitator (GBIF) with GreenBuildingIndex Sdn. Bhd. and Electrical Energy Manager (EEM) with the Energy Commission of Malaysia; while also sitting on the Board of MGBC.*

*He has previously worked in the building industry as an Electrical Consulting Engineer and is currently focusing his work on electrical safety inspection, sustainability and energy management.*



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# Academic Excellence Awards

The highly acclaimed TEEAM Academic excellence awards ceremony was held on 9th January 2016 at TEEAM. Recipients were recognised for their outstanding performances in their 2014 public examinations.

The awards were presented to the successful recipients by TEEAM President, Ir Chew Shee Fuee KMN and accompanied by Academic Excellence Awards Chairman, Engr Leong Kam Seng. The ceremony was witnessed by the TEEAM Council and members from the Perak Electrical Chargemen & Wiremen Competence Association (PKPPE) during their visit to TEEAM.

The number of awards given includes four for UPSR category, four for SPM category and one for A-Level. There was no applicant for PT3 category. Besides academic excellence awards, eighteen book prizes were awarded to the best electrical



*Proud day – Academic awards and book prizes recipients with TEEAM and PKPPE officials.*

and electronics engineering undergraduates from University of Malaya (UM), University of Science Malaysia (USM), University of Technology Malaysia (UTM), University of Tunku Abdul Rahman (UTAR), National University of Malaysia (UKM), University

of Putra Malaysia (UPM) and Sabah University of Malaysia (UMS).

It was a proud and joyous occasion for all the recipients and their parents. The list of recipients appears on page 55.



*A good turnout – A happy occasion for the award recipients and their family members. TEEAM and PKPPE officials too share their joy.*



*Networking – (from left) Ir Kok Yen Kwan (Council Member), Engr Leong Kam Seng (Academic Excellence Awards Chairman), Mr Lai Sea Sen (Member), Mr Chan Kaim Sam (President of The Perak Electrical Association), Mr Ho Khai Hong (Council Member), Ir Chang Yew Cheong (Vice President), Mr Suresh Kumar Gorasia (International Affairs Chairman & Past President) and Mr Ooi Eng Guan (Council Member).*



*Self-Test RCCB presentation – The Academic Excellence Awards recipients were also briefed on the importance of RCCB Self-Test at home.*





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..... Continue Academic Excellence Awards



**SPM recipient** – Teoh Xiao Qian receiving the award from (right) Ir Chew Shee Fuee KMN (TEEAM President). Looking on is Engr Leong Kam Seng (TEEAM Academic Excellence Awards Chairman)



**UPSR recipient** – Lai Li Jun receiving the award from (right) Ir Chew Shee Fuee KMN (TEEAM President). Looking on is Engr Leong Kam Seng (TEEAM Academic Excellence Awards Chairman).



**Best academic performance** – Ng Ai Lee from National University of Malaysia (UKM) receiving book prize from Ir Chew Shee Fuee KMN (TEEAM President). With them is Engr Leong Kam Seng (TEEAM Academic Excellence Awards Chairman).



**Book Prizes** – Recipients from University of Malaya (UM) posing for the album.



**High achiever** – A-Level recipient, Lim Cheng Shaun posing with his proud family.



**Happy moment** – Aleeya Nadhirah Zainuddin with her lovely family.



**Proud of you** – SPM recipient, Chin Zhen Yu shared his joys with his father.



**Good job girl!** – UPSR recipient, Ooi Siew Ern posing with his proud father Mr Ooi Eng Guan (TEEAM Council Member).





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# Recipients of Academic Excellence Awards & Book Prizes 2015

## UPSR (RM 100.00)

**Aleeya Nadhirah Binti Zainuddin**  
(EWT Transformer Sdn Bhd)  
Results : 5As in BM Pemahaman, BM Penulisan, E, M, & S  
Age : 13  
Ambition : Doctor  
Interest / Hobby: Reading books



**Lai Li Jun**  
(Prime Project & Engineering Services)  
Results : 7As in BC Pemahaman, BC Penulisan, BM Pemahaman, BM Penulisan, E, M, & S  
Age : 13 years  
Ambition : Accountant  
Interest / Hobby: Reading, surf internet & swimming



**Ooi Siew Ern**  
(Y2K Electric (M) Sdn Bhd)  
Results : 7As in BC Pemahaman, BC Penulisan, BM Pemahaman, BM Penulisan, E, M, & S  
Age : 13  
Ambition : Lawyer / Business  
Interest / Hobby: Piano & Badminton



**Sharifah Nurfatimah Binti Syed Azuwil**  
(EWT Transformer Sdn Bhd)  
Results : 5As in BM Pemahaman, BM Penulisan, E, M, & S  
Age : 13 years  
Ambition : Teacher  
Interest / Hobby: Playing netball



## SPM (RM 500.00)

**Irfan Sabri Bin Mohd Sabri**  
(EWT Transformer Sdn Bhd)  
Results : 9A+  
Age : 18  
Ambition : Engineer  
Interest / Hobby : Reading & music



## SPM (RM 450.00)

**Teoh Xiao Qian**  
(Teoh Ee Boon)  
Results : 6A+, 3A, 2A-  
Age : 18  
Ambition : Accountant  
Interest / Hobby : Reading & cooking



## SPM (RM 400.00)

**Ng Han Sieang**  
(Soon Fay Sdn Bhd)  
Results : 5A+, 3A, 2A-  
Age : 18  
Ambition : Engineer  
Interest / Hobby : Reading



## SPM (RM 350.00)

**Chin Zhen Yu**  
(Striker Electric Sdn Bhd)  
Results : 3A+, 5A, 1A-, 1B  
Age : 18  
Ambition : Doctor  
Interest / Hobby : Reading



## A-Level (RM800.00)

**Lim Cheng Shaun**  
(Schneider Electric Industries Malaysia Sdn Bhd)  
Results : 1A\*, 3A  
Age : 20  
Ambition : Auditor / Accountant  
Interest / Hobby : Basketball, futsal & online games



## Book Prize 2015 (RM200.00)

**National University of Malaysia**  
*Electrical and Electronics Engineering*  
Pua Hong Long – 2nd year (2014/2015)  
Ng Ai Lee – 3rd year (2014/2015)

**University of Malaya**  
*Electrical Engineering*  
Chua Inn Hua – 2nd year (2014/2015)  
Clement Kwan Joon Kit – 3rd year (2014/2015)

**University of Malaysia Sabah**  
*Electrical and Electronics Engineering*  
Kuan Zheng Cong – 2nd year (2014/2015)  
Tony Kiing Teck Hua – 3rd year (2014/2015)

**University of Putra Malaysia**  
*Electrical and Electronic Engineering*  
Alyssa Sinten Ining – 2nd year (2014/2015)  
Yeoh Khai Chein – 3rd year (2014/2015)

**University of Science Malaysia**  
*Electrical Engineering*  
Chan Hao Jie – 2nd year (2014/2015)  
Tang Wei Xiong – 3rd year (2014/2015)

**Electronics Engineering**  
Lew Yit Shien – 2nd year (2014/2015)  
Lim Yen Ruen – 3rd year (2014/2015)

**University of Technology**  
*Electrical Engineering*  
Lee Chee Fan – 2nd year (2014/2015)  
Muhamad Haziq Bin Md Said – 3rd year (2014/2015)

**Electronics Engineering**  
Chau Chok Yoa – 2nd year (2014/2015)  
Luqman Al Hakim Bin Mohd Nor – 3rd year (2014/2015)

**University of Tunku Abdul Rahman**  
*Electrical & Electronics Engineering*  
Liew Yao Qin – 2nd year (2014/2015)  
Chong Yih Lip – 3rd year (2014/2015)

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# Ecobuild SEA 2016 at ICW

Ecobuild Southeast Asia 2016 was held from 12th to 14th April 2016 at Kuala Lumpur Convention Centre during the International Construction Week (ICW). The 3-day exhibition was organised by UBM Malaysia and hosted by the Construction Industry Development Board (CIDB) Malaysia. TEEAM was one of the supporting organisations and participated in the exhibition.

Ecobuild SEA 2016 was an exhibition for the Southeast Asian construction and energy market, which covered a full spectrum of the construction industry in Malaysia and Southeast Asia focusing on market priorities such as building, housing, infrastructure, technology and innovation.

There were government officials, developers, architects, consultants, contractors, planners and more from various eminent fields from different corners of the world visited the exhibition. The event provided a big platform for the exhibitors and the visitors to gather at one place to share their important views, opinions and opportunity to build a professional relationship.



A cross section of the exhibition – An expo with strong focus on the construction industry.



Attentive – Participants at the Seminar on Nuclear Energy & Nuclear Technology at KL Convention Centre.

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# Seminar on Adjudication under CIPAA

Construction Adjudication is a ‘rough and ready’ dispute resolution process to overcome payment problem in the construction industry. Malaysia had enacted the Construction Industry Payment and Adjudication Act 2012 (CIPAA) which will provide statutory adjudication to the parties of construction contracts involved in payment disputes.

On 9th March 2016, TEEAM Engineering Construction & Services Committee organised a half-day seminar on “Adjudication under CIPAA” at TEEAM Conference Room for members to better understand the adjudication process and the procedures required under the Act. The common problems encountered were also highlighted by CIPAA expert, Ir Lai Sze Ching. The seminar was very informative and attracted some 48 participants.



*Seminar in progress – Speaker, Ir Lai Sze Ching highlighting CIPAA to the participants.*



*Thank you – TEEAM Vice President, Ir Chang Yew Cheong presenting the certificate of appreciation to the speaker, Ir Lai Sze Ching (right).*



*Overwhelmed – Participants from Dexon Electrical Engineering Sdn Bhd.*



*Support from Johor Bahru – Participants from Winner Shinco Engineering Sdn Bhd.*



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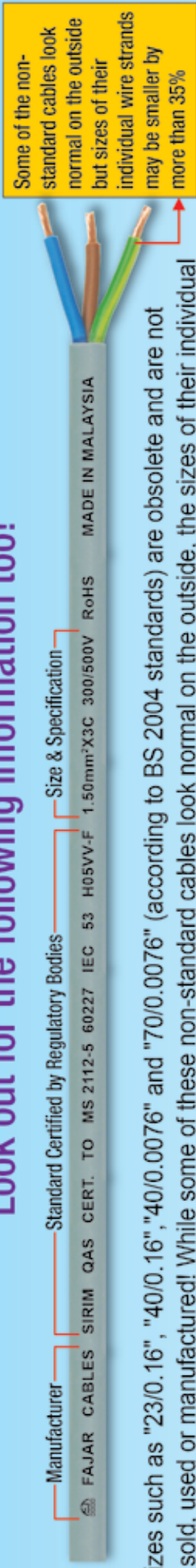
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# SIEF Korea 2015

The 20th International Exhibition of Korea Electrical Industry, namely Seoul International Electric Fair (SIEF) 2015 was held from 20th to 22nd October 2015 at COEX Seoul, Korea. It was held concurrently with the Power Generation Korea 2015, Korea Smart Grid 2015 and Interbattery 2015. The exhibition showcased the best electricity technology and smart grid - IT infrastructure, and the trends of power generation and grid system. Highlights of the exhibit profiles include nuclear power generation, motors & generators, transmission & distribution equipment, switchgears & controlgears, wires & cables, batteries and IT implementation of electrical equipment such as DAS, AMR, SCADA, power line communication, direct load control system and digital electrical equipment.

SIEF 2015 was organised by the Korea Electrical Manufacturers Association (KOEMA). A 15-member delegation from TEEAM visited the exhibition and also participated in the business matching meeting organised by KOTRA. TEEAM

also had a booth at SIEF to promote the association's activities and also members' products to the Korean market.

Besides, delegates also had the opportunity to visit Yeongheung Thermal Power Plant. It has an installed capacity of 5,080 MW, supplying approximately 25% of electricity consumption in the Seoul Metropolitan Area.

It is Korea's largest thermal power site as well as the sole coal fired power site located in the Seoul Metropolitan Area.

TEEAM delegates had a fruitful experience during the 3-day exhibition and they wish to record its appreciation and thanks to KOEMA for the warm hospitality during their stay in Seoul.



*Fruitful visit – Delegation at Yeongheung Thermal Power Plant.*



*TEEAM & Linkk Busway – Mr Jason Lim (Director of Linkk Busway) and Ms Winnie Khong (TEEAM Executive Secretary) at the booth.*



*Far view – Yeongheung Thermal Power Plant.*



*Impressive – Official opening.*

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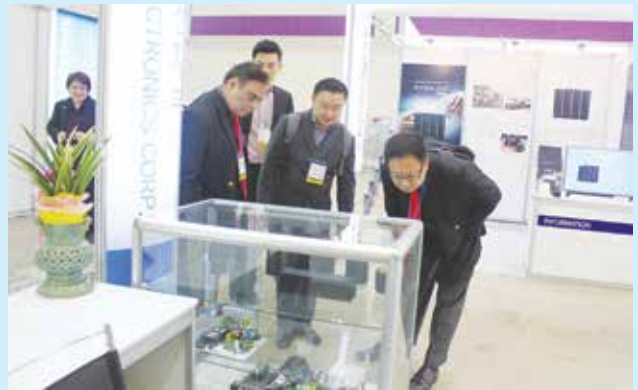


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### SIEF Korea 2015 Snapshots





# Bowling Tournament

The annual Bowling Tournament of TEEAM was held in the afternoon of 1st November 2015 at Sunway Pyramid Mega Lanes. A total of 49 men bowlers and 21 ladies bowlers participated in the tournament. The mode of play for men's singles' event was six games pinfalls and ladies' event was four games pinfalls. The team event consists of three male bowlers and one female bowler. There were a total eight teams taking part.

A big applause to the participating member companies for their strong support. Everyone enjoyed the games which certainly fostered fellowship among members. The list of winners appears on page 71.



**Happy rolling** – Sports Chairman Mr Liang Kok Boon rolled off to mark the start of the tournament.



**Team Event Champion** – The champion team from Sunway Engineering with a total score 3807 pins. (from left) Mr Norris Burharnuddin, Mr Ajah Maiden, Ms Norashikin Alladdin and Mr Mohd Sofie Hassan.



**“Bowling King”** – (right) Mr Norris Borharuddin Nordin of Sunway Engineering receiving the Chi-Tak Challenge trophy, a replica and AEON Cash vouchers from Ir Chew Shee Fuee KMN (TEEAM President). He scored 1197 pins.



**Team Event 2nd Runner-Up** – Team from Schneider Electric received trophies and bath towels from (left) Ir Chew Shee Fuee KMN, TEEAM President. The winners were (from right) Ms Michelle Woo, Mr Jackson Wong and Mr Amirul.



**“Bowling Queen”** – Ms Norashikin Alladdin of Sunway Engineering received the Chi-Tak Challenge trophy, a replica and AEON Cash Vouchers from Mr Liang Kok Boon (TEEAM Sports Chairman). She scored 658 pins.



**Vie for championship** – A group photo for the album.



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..... Continue Bowling Tournament



**Enthusiasts** – Bowlers from Gruppe Lighting.



**Get-set go!** – Energetic players from Omron Electronics.



**Strong support** – Contingent from Success.



**Excited moment** – Sports Chairman, Mr Liang Kok Boon delivered his speech before the prize presentation.



**Men's 11th Position** – (right) Mr C. V. Liew (EITA Resources) received AEON Cash Voucher from Ir Chew Shee Fuee KMN (TEEAM President).



**Ladies' Special prize for High Series** – Ms Tan Kui Har (Active Hi-Tech) received a quality bath towel from Mr Liang Kok Boon (Sports Chairman).



**Awesome** – A group photo taken after the prize presentation. Congratulations to all winners!





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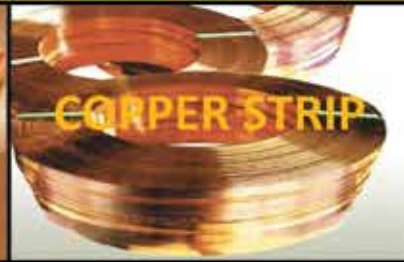
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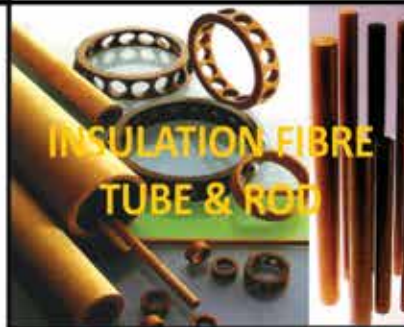


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