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Map to Multimedia University,
Cyberjaya, Malaysia

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2013 IEEE TECHNICAL WORKSHOP ON IMPLEMENTATION ISSUES OF GREEN TECHNOLOGIES

Date: October 17, 2013 (Thursday)

Time: 8.30 AM to 4.30 PM

Venue: FCI XR0001 , Multimedia University,
Cyberjaya, Selangor

**BEM
8 CPD**

Program

8.30 AM	Registration & Welcoming Tea
9.30 AM	IEEE Membership drive
10.00 AM	Coffee Break & Networking
10.30 AM	Topic 1: The Challenges of Solar Project Implementation in Malaysia <i>Ko Chuan Zhen, Co-founder & Director, Leaf Energy Sdn Bhd</i>
11.30 AM	Topic 2: Green Development & Construction <i>Peter Chia Peng Hai, Senior General Manager, Putra Perdana Construction Sdn Bhd</i>
12.45 PM	Lunch and Networking
2.00 PM	Topic 3: Residential Solar PV for Dummies <i>Ahmad Fadzli Mat Rahim, Independent Solar Engineer</i>
3.00 PM	Coffee Break and Networking
3.30 PM	Topic 4: Implementation of EMEER 2008 & MEPS by Energy Commission <i>Omar Farouk bin Ali Askar, Executive, Energy Commission</i>
4.30 PM	Technical Workshop ends

Seats are allocated based on first-come, first-served basis.

A fee of RM20 is to be charged for the confirmation of registration

Please email your name, affiliation and contact details to gobbi@ieee.org to book your seat.

Registration deadline is 09 October 2013

Topic 1: The Challenges of Solar Project Implementation in Malaysia

Ko Chuan Zhen, Co-founder & Director,
Leaf Energy Sdn Bhd

Abstract:

Although Malaysia has implemented Renewable Energy Act and Feed-in-Tariff mechanism since December of 2011, and some solar projects construction have occurred, however comparing the targets plans reveals a huge discrepancy. This topic explains few main challenges that faced by all industrial player, which is policy, engineering, project management, project financing, and market response, from residential, commercial to utility scales. The case study of each implementation challenges and solutions will be presented under this topic.

Speaker Biography:



Ko Chuan Zhen, co-founder and director of a photovoltaic consultancy firm Leaf Energy Sdn Bhd, has been in the Solar PV industry since year 2008. He worked for the Japanese leading solar manufacturer, Sharp Solar Asia Pacific Regional Centre, which responsible for Asia Pacific, Middle East and Africa Territory in technical and commercial solar project development advisory. In 2011, He was the Sales Manager of Phoenix Solar, a reputable system integrator from Germany with experiences in managing solar project business development for Malaysia market.

Mr.Ko graduated from Multimedia University with a Bachelor of Electrical Engineering degree. He also holds the ISPQ (Institute for Sustainable Power Quality) certification which is endorsed by KETTHA (Ministry of Energy, Green Technology & Water) as a qualified solar engineer. In 2008, he was also trained at Sharp Solar Japan Headquarter, and completed the PV Applications and System Design training course at CES Solar Cells Testing Centre, from King Mongkut's University of Technology Thonburi at Thailand in 2009. Besides Malaysia, he has overseas solar project development and implementation hands-on experience in 11 countries. He has been involved in over 85MWp solar projects throughout these years

Topic 4: Implementation of EMEER 2008 & MEPS by Energy Commission

Omar Farouk bin Ali Askar, Executive,
Energy Commission

Abstract:

An overview of the Efficient Management of Electrical Energy Regulation (EMEER) 2008 and the Minimum Energy Performance Standard (MEPS) as well as the implementation issues related to the topic.

Speaker Biography:



Executive at Energy Commission. Previous experience as a Research Engineer at Universiti Tenaga Nasional majoring in Power Systems. Graduated with Honors in B. Eng Electrical Power and is currently pursuing a Masters in Electrical Engineering

Topic 2: Green Development & Construction

Peter Chia Peng Hai, Senior General Manager,
Putra Perdana Construction Sdn Bhd

Abstract:

This session will be more on a sharing of knowledge and experience on sustainable development and construction covering the challenges and strategies. Specifically, the talk will have the following contents: Brief Introduction of Putrajaya Perdana Berhad (PPB), Why Green Buildings?, Challenges and solutions, Performance indicators, Does Green Pay Off?

Speaker Biography:



He holds a Bachelor of Engineering (Honours) degree from Monash University, Australia. Mr. Chia has more than 20 years of experience in the construction industry. His varied experience encompasses corporate business planning, project development and construction of infrastructure and building projects. and staff management.

The key scopes of duties include liaison with public authorities, business planning and development, operations management, project planning and implementation, tendering, contract management. He joined the Group in June 2008 and currently oversees several building projects undertaken by the Group. Prior to joining the Group, he was attached to a public-listed company and several other leading construction companies..

Topic 3: Residential solar PV for dummies

Ahmad Fadzli Mat Rahim, Independent Solar Engineer

Abstract:

The main challenges in solar projects in Malaysia is mindset & compliance to stipulated standards. Hence, the presenter will share some experience with involvement of solar projects (rooftop, BIPV, solar farm) between 2011-2013 period, which is post MBIPV/the first 2 years of FiT system implementation under SEDTA.

Speaker Biography:



Ir Ahmad Fadzli Mat Rahim has worked in an international Oil & Gas company for 10 years. During those 10 years, he involved in Operation & Maintenance of Gas Turbines Generators (GTG) based independent power plant & Distribution Licencee (DL) for 5 years. He has 2 years experience in Oil & Gas projects, namely gas plant and gas power plants.

The last 3 years he spent in solar business review and Project Management of small scale rooftop and solar IPP projects. He is now an independent solar engineer assisting solar project owners to complete project through Project Management and technical assessment approaches. He is an ISPQ and graduated from Universiti Malaya Master of Engineering (Electrical Energy & Power System) program in 2004. He is a proud owner of a 4 kWp BIPV, which has been producing income since Feb 2013.