Time	Planery Session
8.00am	Registration & Breakfast @ Marketplace
9.30am	Opening Remarks by Country President
9.40am	Keynote Address - The Next Age of Change
10.00am	Panel Session with Keynote Speaker, Schneider Electric and Bus Customers
10.30am	Coffee Break@ Marketplace

Time	Track Session		
	Power, Energy & Infrastructure	**Industry, Building & Data Centre**	**Retail & Residential**
11.00am - 12.00pm	**What will MV switchgear look like in the future?** **Synopsis:** The development of Smart Grids means that medium-voltage (MV) equipment must become more intelligent. This presentation review different types of MV switchgear and examines opportunities for future MV switchgear to meet the challenge of Smart Grids. Specifically, replacing manual switches with circuit breakers, leveraging digital technology for greater remote control and monitoring, deploying low power transformers, and using modular architecture are discussed.	**Prefabricated Power and Cooling Data Centre** **Speaker: Yam Hong** **Synopsis:** Standardized, pre-assembled and integrated data centre facility power and cooling modules are at least 60% faster to deploy, and provide a first cost saving of 13% or more compared to traditional data centre power and cooling infrastructure. Facility modules, also referred to in the data centre industry as containerized power and cooling plants, allow data centre designers to shift their thinking from a customized "construction" mentality to a standardized "site integration" mentality. This presentation compares the cost of both scenarios, presents the advantages and disadvantages of each, and identifies which environments can best leverage the facility module approach.	**Insight for your security & Green Comfort Living** **Speaker: Charmaine Ooi** **Synopsis:** Home is everybody's sanctuary. To enjoy at ease, safety and security are of paramount importance to provide you peace of mind. Xightor Pro Entrance Control System adds a touch of class to traditional systems. It features touchscreen control and is designed to blend in seamlessly into the interior décor of a house, maintains consistent aesthetic when used with ZENcelo range of switches and socket, while the door station and management software ensure round-the-clock security for occupants. Xightor Pro adds style and security to your property. Lighting and air-conditioning are the biggest consumers of energy in the home. ULTI's EZinstall3 time scheduling helps you to achieve the optimal balance of comfort and energy conservation. Precise control over the functioning of your home's lighting, air-conditioning, curtains and heating means a living environment tailored to your ideal comfort. Pre-set programs can run automatically, helping you to conserve energy, become more eco-friendly and save money.
12.00pm - 1.00pm	**Smart Energy Monitoring Solution (WAGES)** **Speaker : Alex Tai** **Synopsis:** Everyone is aware that Digital Power Meter is the best devices used in measuring all the electrical parameters within a factory. However, does anyone aware that an optimum range of Digital Power Meter can perform more than a power measuring device? In order to comprehensive real-time data for an effective energy saving exercise, we need more electrical parameters in order to perform an optimum energy bench-marking exercise. Energy is not only refering to Electricity but also covering Water, Air, Gas & Stream. In this presentation, we will explain a step-by-step implementation of a Smart Energy Monitoring Solution which covers all the energy parameters and how to optimise the function of a Digital Power Meter in achieving this objective.	**Energy-saving opportunity using Intelligent Building Automation System** **Speaker: Brian Chan** **Synopsis:** The World Business Council for Sustainable Development identified buildings as one of the five main energy users, where "mega-trends" are needed to transform energy efficiency. Buildings account for 40 percent of primary energy in most countries and consumption is rising. The International Energy Agency (IEA) estimates that for buildings, current trends in energy demand will stimulate approximately half the energy supply investments through 2030. Building Automation Systems (BAS) have the ability to save energy and improve productivity by creating a comfortable working environment. BAS optimization create improves energy management; however, regular building audits and fine tuning are necessary to ensure the energy management is maintained.	**Switches and Their Standards Used** **Speaker: Roy Chan** **Synopsis:** Everyone have used, touched or seen switches but does anyone know and understand the standard used? This Track Session will introduce the standard associated with switches and sockets. Some of the standards include IEC/MS 60669, MS 1577, MS 589 and etc. We will introduce some best practices for the electrical installations for switches.
1.00pm - 2.00pm	Lunch Break @ Marketplace		
2.00pm - 3.00pm	**A Detailed Overview of Evolution of IEC 60364-8-1 Standard.** **Speaker: Philippe Vollet** **Synopsis:E10** With the ever demanding energy demand, power provider as well as users are faced with the ever needs to use energy effectively. How do we achieve energy efficiency that comply to international standard and maintain top notch safety? IEC 60364-8-1 Standard is used to govern the implementation of energy efficiency in electrical distribution. Under the governing standard, stringent implementation and design rules are to comply to achieve compliance of standard. In this seminar, a detail principles of the standard will be lectured as well as minimization of energy loss and voltage drop methodology, definition of meshes circuit for effective energy, life cycle methodology and assessment process and requirement.	**Power & Power Quality Monitoring Solution** **Speaker: Alex Tai** **Synopsis:** Energy saving has becoming one of the hot topic among the engineering communities for the past few years due to the increase in energy cost. However, the only question is "How it should be started and from where it should be started?". In this presentation, we will explain a step-by-step implementation of energy saving initiatives. Apart from that, it will also explain the fundamental in designing a comprehensive "Power Monitoring Solution" which involves hardware specification, IT network architecture, software criteria and reporting structure.Finally, it will also mention briefly about "Power Quality Monitoring System" and how the analysis can helps in "Power Quality Improvement Processes" in the future.	**Stay online when the Power goes out. Personalized recommendation for power protection in your home** **Speaker: Wilson Leong** **Synopsis:** Despite advances in computer technology, power outages continue to be a major cause of PC and Server downtime. Protecting computer systems with uninterruptible power supply (UPS) hardware is part of a total solution, but power management software is also necessary to prevent data corruption after extended power outages. In this presentation, we will discuss various software configurations and best practices aimed at ensuring uptime are presented.
3.00pm - 4.00pm	**1A) Developing a Business Case for Grid Automation** **Synopsis:** Everyone is looking for economic justification to support their smart grid investment action. While there is a need for prudency and accuracy in projecting all of the costs and in capturing and monetizing the resulting benefits with building greater grid resiliency the effort in doing so is not trivial. Stepping into the era of Internet of Things, now is the time to fully leverage these investment to further advance the vision of a truly Smart Grid. This presentation explores the 'how to' and tools that will help you build that business case for an energy efficient and intelligent grid.	**Why Smart Water Netwrks Boost Efficiency** **Synopsis:** The Smart Water Network (SWAN) is the water utility industry's equivalent to the energy industry's Smart Grid. However, water utilities are trying to determine how new SWAN technologies will help maintain or improve service and profitability levels at existing water billing rates. This presentation explores how data, performance measurement, and integrated systems can streamline water utility management and boost business productivity.	**Wiser 2 Home Control** **Speaker : Chang See Yin** **Synopsis:** Living in such a fast paste city, everything has to be fast and efficient. People might have forgot to turn off the lights, fans, or even air-conditioner before rushing off their house to compete with the fast moving living paste. What would happen to the electricity bill if you are going for your vacation? Or a long business trip? The situation will leads to severe increase of energy usage, and it is happening to almost every household. Wiser 2 Home Control is now here to solve this problem. It doesn't just helps to turn on or off the lights and fans remotely, but it can do more then what you think. It would increase the energy efficiency and even increase living efficiency.
4.00pm - 4.30pm	Coffee Break@ Marketplace, Closing & Lucky Draw		