

Innovations in Energy Services

●●●●● Singapore

Technology innovations in the new world of energy services which are more decarbonized, decentralized and digitized

Thursday, 26 October 2017

Part of **Singapore International Energy Week**

Melati Room, Level 4, Sands Expo & Convention Centre, Singapore

The Singapore International Energy Week (SIEW) is an annual week-long platform for energy professionals, policymakers and commentators to discuss and share best practices and solutions within the global energy space. SIEW brings together more than 13,000 delegates from the industry, governments and international organisations from over 60 countries to discuss critical issues impacting the global energy landscape.

Purpose: To bring together professionals from utilities, commercial & industrial companies, regulators, renewable developers, building owners & operators and SGX-listed companies to address Singapore’s carbon management regulatory changes and showcase innovations in energy efficiency solutions.

Relevant to: Energy Managers, Sustainability Managers, Facility Managers, Utility Managers, Energy Service Professionals, Energy Contracting & Procurement Managers; Technology Specialists; Regulators; and, Government Agencies, Energy Startups. Please Note: Delegates are free but the organiser reserves the right of entry


Topics include:	Sponsorship opportunities:
Building a sustainable energy landscape for Singapore Understanding the energy efficiency opportunity in the energy revolution Achieving sustainable goals with carbon reduction Repositioning the utility business model for a competitive customer environment Creating customer centricity at the grid edge Smart Buildings technology adoptions and energy sustainability initiatives Innovation in efficiency for energy intensive industries Featuring RE100 companies - The journey towards 100% renewables	We will attract over 300 professionals including energy regulators, commercial & industrial companies, leading utilities, energy services providers, government agencies, and technology specialists. Singapore is strengthening its energy efficiency regime and is promoting renewable energy solutions. It is also bringing in a carbon tax. We have provision for exhibition stands and a limited number of branding and speaking roles which are available to leading brands. Contact us <i>TODAY</i> if you would like to showcase your company’s solutions on energy efficiency and best sustainability practices.

Innovations In Energy Services 2017 - Program Grid			
Opening Keynote Plenary <i>Melati 4001AB - 4102</i>			
8.55	Energy Services Supporting Sustainability		
9.00	Opening Address: Building a sustainable energy landscape for Singapore		
9.10	Opening Keynote: Preparing to meet energy challenges of tomorrow		
9.30	The Energy Revolution - Understanding the energy efficiency opportunity		
9.50	Gearing customers in the digital age towards energy efficiency		
10.10	Leaders Panel – Strategies to improve energy service value for customers		
10.40	<i>Morning Break @ Melati Ballroom Foyer</i>		
Digital Energy Innovations <i>Melati 4001AB - 4102</i>			
11.00	Chair's Introduction - Innovations reshaping the energy efficiency industry		
11.20	The Energy Blockchain: How the blockchain will disrupt energy markets		
11.40	Narrow band IoT, Smart meters & Rooftop solar+ storage applications for the commercial and industrial market		
12.00	Prospects of IoT in energy efficiency services		
12.20	Lunch Break – sponsored by Johnson Controls International @ <i>Melati Ballroom Foyer</i>		
	Customer Centricity – Dedicated to Utilities <i>Melati 4101AB & 4102</i>	Energy Optimisation – Dedicated to C&I <i>Melati 4001AB & 4002</i>	Sustainable Energy an ENGIE initiative – by invitation only <i>Melati 4003</i>
1.25	Utility Transformation	Smart Space Services – The future of Smart Buildings	Energy Transition for Industries
1.30	Operating a digital utility through transformation and into the future	IT-Centric smart buildings of tomorrow	The journey towards 100% renewables – Creating a sustainable energy future
1.50	Reposition the utility business for a competitive landscape	Energy in empowered buildings	RE100 case studies
2.10	Creating a digital utility customer platform	Case study: Air-conditioning as a service	RE100 Panel: Bringing 100% Renewables into APAC
2.30	Panel: Utility innovation and transformation	Panel: Technology adoptions & sustainability initiatives	
3.00	<i>Afternoon Break</i>		
3.25	Grid Edge Innovations	Smart Industry Processes	Sustainability Focus Groups Melati 4004
3.30	Disruption in the power industry	Energy efficiency and conservation efforts	<i>This year's focus groups will enable high-level discussions between large energy users, NGOs, and regulators to explore the role of sustainability goals in developing a unique advantage. Facilitated by expert moderators, these strategic discussions will take place behind closed-doors in an informal setting. Each Round Table can hold up to 10 participants including the moderator. Each participant will have the opportunity to contribute to 2 tables.</i>
3.50	Integrating EVs & charging station for customers	Innovations in energy conservation field	
4.10	Microgrid as a Service (MaaS) and its application to urban settings	Efficiency improvements for energy intensive industries	
4.30	Panel: Creating customer centricity at the grid edge	Panel: Achieving sustainable goals with carbon reduction	
5.00	<i>Chair's Close & SIEW cocktails</i>		

	<h1>INNOVATIONS IN ENERGY SERVICES</h1> <h2>Singapore 2017</h2>
	Opening Keynote Plenary <i>Melati 4001AB - 4102</i>
8.55	Energy Services Supporting Sustainability Chair's Welcome Rod McLauchlan , Energy Director, Clarion Events
9.00	Opening Address: Building a sustainable energy landscape for Singapore Soh Sai Bor , Assistant Chief Executive (Economic Regulation Division), Energy Market Authority
9.10	Opening Keynote: Preparing to meet energy challenges of tomorrow Ng Bor Kiat , Chief Technology Officer and Senior Vice President, Systems & Technology, SMRT Corporation
9.30	The Energy Revolution - Understanding the energy efficiency opportunity Pierre Cheyron , CEO, ENGIE Services Asia Pacific
9.50	Gearing customers in the digital age towards energy efficiency Ken Roberts , Senior Vice President, International Sales, Smart Energy Water (SEW)
10.10	Leaders Panel – Strategies to improve energy service value for customers Moderator: Anamika Bhargava , Business Unit Head, APAC, Smart Energy Water (SEW) Hiroataka Hanazaki , General Manager, Industrial Business Department, Electric Power & Gas Division, TEPCO Energy Partner David Owens , former Executive Vice President, Edison Electric Institute Geraldine Tan , General Manager, Retail, PacificLight Energy Kong Nee Yeo , Managing Director, ENGIE Services Singapore
10.40	<i>Morning Break @ Melati Ballroom Foyer</i>
	Digital Energy Innovations <i>Melati 4001AB - 4102</i>

11.00	Chair's Introduction - Innovations reshaping the energy efficiency industry Ashish Sethia , Head of APAC Research, Bloomberg New Energy Finance		
11.20	The Energy Blockchain: How the blockchain will disrupt energy markets Belinda Kinkead , Director, Australia, LO3 Energy		
11.40	Narrow band IoT, Smart meters & Rooftop solar+ storage applications for the commercial and industrial market Nicholas Tan , Head, Retail, Keppel Electric		
12.00	Prospects of IoT in energy efficiency services Csilla Kohalmi-Monfils , EVP Strategy and New Business, ENGIE Asia Pacific		
12.20	<i>Lunch Break – sponsored by Johnson Controls International</i> <i>Melati Ballroom Foyer</i>		
	Customer Centricity <i>The latest innovations concerning digital transformation and customer service</i> Melati 4101AB & 4102	Energy Optimisation <i>Analytics, process automation and carbon reduction strategies concerning developers, operators and manufacturers</i> Melati 4001AB & 4002	Sustainable Energy <i>An ENGIE Initiative with contributions from RE100 companies and The Climate Group - Showcase of the best energy efficiency practices & renewables adoption by the C&I market – by invitation only</i> Melati 4003
1.25	Utility Transformation Chairperson: Dr Yang Liu , Senior Research Fellow, Energy Studies Institute, NUS	Smart Space Services The future of Smart Buildings Chairperson: Yann Grynberg , Programme Director, Smart & Sustainable Building Technologies, Energy Research Institute @ NTU (ERI@N)	Energy Transition for Industries Welcome address: Didier Holleaux , Executive Vice-President and member of the Group Executive Committee, ENGIE
1.30	Operating a digital utility through transformation and into the future Luis F. Gonzalez , Chief Digital Officer, Asia Pacific Region, Power Digital Solutions, GE	IT-Centric smart buildings of tomorrow Yim Cheng Siew , CIO, JTC Corporation	The journey towards 100% renewables – Creating a sustainable energy future Jarnail Singh , Director, India, The Climate Group
1.50	Reposition the utility business for a competitive landscape Miki Sato , General Manager, Business Strategy Office, Tokyu Power Supply	Energy in empowered buildings Samit Sen , Regional Manager Smart Connected Services, Pacific, Johnson Controls International	RE100 case study Patricia Yim , Senior Vice President, Philips Lighting ASEAN & Pacific

2.10	<p>Creating an engaging digital utility customer platform – smart meters and customer analytics Alex Lau, Chief Executive Officer, Anacle</p>	<p>Disruption in Real Estate: Air-Conditioning as a Service (ACaaS) Jack FitzGerald, Director of Innovation, Asia, Lendlease Dave Mackerness, Director, Business Development, Kaer</p>	<p>RE100 case study Graham Teo, Energy Lead, Procurement, Nestle</p> <p>RE100 case study Jean-Pierre Michalowski, Senior Country Officer, Credit Agricole CIB</p>
2.30	<p>Panel: Utility innovation and transformation – grid and customer perspectives Moderator: Dr Yang Liu, Senior Research Fellow, Energy Studies Institute, NUS Ulla Sandborgh, President and CEO, Swedish National Grid Luis F. Gonzalez, Chief Digital Officer, Asia Pacific Region, Power Digital Solutions, GE Belinda Kinkead, Director, Australia, LO3 Energy</p>	<p>Panel: Technology adoptions and energy sustainability initiatives Moderator: Szue Hann Tan, Head, Sustainability, Surbana Jurong Yim Cheng Siew, CIO, JTC Corporation Yann Gryenberg, Programme Director, Smart & Sustainable Building Technologies, Energy Research Institute @ NTU (ERI@N) Stewart Tai, Manager, Innovation and Sustainability, Khoo Teck Puat Hospital Dave Mackerness, Director, Business Development, Kaer</p>	<p>RE100 Panel: Bringing 100% Renewables into APAC Moderator: Ashish Sethia, Head of APAC Research, Bloomberg New Energy Finance Sharad Somani, Executive Director & ASPAC Head for Power & Utilities, KPMG Michael Power, COO, Co-Chair DBS Sustainability Council, DBS Bank Karen Lee, Sustainability Lead for Asia, Interface Masayo Hada, Deputy Senior Manager, Regional Environmental Management Group, Ricoh Asia Pacific Graham Teo, Energy Lead, Procurement, Nestle David C. Elzinga, Senior Energy Specialist, Asian Development Bank</p>
3.00	<p><i>Afternoon Break @ Melati Ballroom Foyer</i></p>		
3.25	<p>Grid Edge Innovations Chairperson: Yuan-Sheng Yu, Senior Analyst, Lux Research</p>	<p>Smart Industry Processes Chairperson: Sanjay C Kuttan, Program Director, Energy Research Institute @ NTU (ERI@N)</p>	<p>Sustainability Round Tables <i>This year's focus groups will enable high-level discussions between large energy users, NGOs, and regulators to explore the role of sustainability goals in developing a unique advantage. Facilitated by expert moderators, these strategic discussions will take place behind closed-doors in an informal setting. Each Round Table can hold up to 10 participants including the moderator. Each participant will have the opportunity to contribute to 2 tables.</i></p> <p>Melati 4004</p>

3.30	<p>Disrupting the power industry: why our future energy infrastructure may have wheels and a brain Yuan-Sheng Yu, Senior Analyst, Lux Research</p>	<p>Leveraging data analytics and behavioral science for energy efficiency Christina Tang, Founder and CEO, Blue Sky Energy Technologies</p>	<p>Roundtable 1: Financing Renewables Moderator: Sharad Somani, Executive Director & ASPAC Head for Power & Utilities, KPMG</p> <p>Roundtable 2: Engineering in Energy Efficiency Moderator: Stuart Wilson, Associate Director, Red Engineering</p>
3.50	<p>Integrating EV charging with utility networks and engaging customer strategies Franck Vitte, Managing Director, BlueSG</p>	<p>Innovations in energy conservation field Hiroataka Hanazaki, General Manager, Industrial Business Department, Electric Power & Gas Division, TEPCO Energy Partner</p>	<p>Roundtable 3: Developing Customer Loyalty Moderator: Lynn Loh, Sustainability Manager, HP Asia Pacific & Japan</p>
4.10	<p>Microgrid as a Service (MaaS) and its application to urban settings Thomas Polliand, Microgrid Business Developer, South-East Asia, Schneider Electric</p>	<p>Efficiency improvements for energy intensive industries Ian Dempster, Senior Director, Product Innovation, Optimum Energy</p>	<p>Roundtable 4: Renewables Integration Moderator: Arnaud Ayrat, Regional BD Director, Cleantech Solar</p> <p>Roundtable 5: Sustainability Leadership and Innovation Moderator: Janet Neo, Head of Corporate Sustainability, Asia Pacific, Fuji Xerox</p> <p>Roundtable 6: Corporate Social Responsibility Moderator: Chia Boon Chong, Director, Group Sustainability, Singtel</p>
4.30	<p>Panel: Creating customer centricity at the grid edge Moderator: Yuan-Sheng Yu, Senior Analyst, Lux Research Miki Sato, General Manager, Business Strategy Office, Tokyu Power Supply Ken Roberts, Senior Vice President, International Sales, Smart Energy Water (SEW) David Owens, former Executive Vice President, Edison Electric Institute</p>	<p>Panel: Achieving sustainable goals with carbon reduction Moderator: Jeremy Wilcox, CEO, Commodity Management Services Andrew Koscharsky, General Manager, Wholesale and Trading, iSwitchEnergy Adrian Suharto, Head, Stakeholder Engagement, Neste Lee Hock Wee, Senior Industry Manager, SIMTech Sanjay C Kuttan, Program Director, Energy Research Institute @ NTU (ERI@N)</p>	<p>4.50pm – 5.00pm Presentation of findings & conclusions by moderators</p> 
5.00	<p>Chair's Close & SIEW cocktails</p>		

IES17 Team

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