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## Asia Smart Grid 2011 Conference

2 – 3 November, SUNTEC Singapore

### “Insights on Growth Opportunities and Best Practices for the Asian Smart Grid”

Wednesday, 2 November	
Conference Chairman & Moderator: <b>Dr. Michael Quah Cheng-Guan</b> , Professor, Department of Chemical and Biomolecular Engineering and Executive Advisor, NUS Entrepreneurship Center, National University of Singapore	
9:00 am	Chairman’s Opening Remarks
PLENARY KEYNOTES	
9:15 am	<b>Utility of the Future Keynote: “Building a more efficient, dynamic bridge to the energy future”</b> Speaker: <b>Mr. Willem Van Putten</b> , Managing Director, Asia Pacific, KEMA
9:45 am	<b>“Mega Trend 2020: Perspective on Global Smart Grid”</b> Speaker: <b>Mr. Chris de Lavigne</b> , Global Vice-President of Consulting, Industrial Practice, Frost & Sullivan
10:15 am	<b>“Investment Outlook: Financing Smart Grid Projects in Asia”</b> <i>This talk will provide insights into the Asian Development Banks’ (ADB) view on the investment outlook, cofinancing opportunities and related key initiatives for smart grid development projects in Asia.</i> Speaker: <b>Mrs. Lakshmi Venkatachalam</b> , Vice President (Private Sector and Cofinancing Operations), Asian Development Bank
10:45 am	Networking Tea Break
REGULATORY & POLICY CASE STUDIES	
11:15 am	Presentation by eMeter Corporation (topic and speaker to be confirmed)
11:45 am	<b>“Smart Grid and the EU/UK Regulatory Framework: A Business Case Study Perspective”</b> Speaker: <b>Mr. Tom Bainbridge</b> , Partner, Energy Team, Nabarro LLP, UK
12:15 pm	<b>“Renewables and the Smart Grid: Regulatory and Policy Considerations”</b> <i>This talk will present considerations for integrating renewable generation into a smart grid. Key regulatory and policy considerations and a review of WADE’s smart grid project in Thailand will also be addressed</i> Speaker: <b>Mr. David M. Sweet</b> , Executive Director, World Alliance for Decentralized Energy
12:45 pm	Lunch Break
IMPLEMENTATION CASE STUDIES	
2:00 pm	<b>“Automated Demand Response System – A Successful Implementation Case Study”</b> <i>Through a case study, this talk will highlight the challenges and the benefits derived through a successful implementation of an automated demand response system within a smart grid.</i> Speaker: <b>Mr. Jay Sparling</b> , Director, Honeywell Building Solutions
2:30 pm	<b>“Customer Integration and Delivery of the Smart Grid Promise”</b> Proposed speaker: Mr. Brendan Bloore, General Manager, Customer Service, CitiPower & PowerCor Australia (invited)
3:00 pm	Presentation by Mr. Arunabha Basu, VP & Head (Technology), North Delhi Power Limited (to be confirmed)
3:30 pm	<b>Panel Discussion I: “Business Case for Smart Grids – Drivers and Expectations”</b> <i>Senior executives with expert insights will discuss and debate on the business case merits for smart grid for their respective perspectives, to provide their views on issues relating to customer transformation, regulatory framework and smart grid adoption related challenges and solutions.</i> Proposed panel members: <ul style="list-style-type: none"> <li>• <b>Mr. Willem Van Putten</b>, Managing Director, Asia Pacific, KEMA</li> <li>• <b>Mr. Arunabha Basu</b>, VP &amp; Head (Technology), North Delhi Power Limited;</li> <li>• Mr. Brendan Bloore, General Manager, Customer Service, CitiPower &amp; PowerCor Australia (invited)</li> <li>• <b>Mr. Jay Sparling</b>, Director, Honeywell Building Solutions</li> <li>• <b>Mr. Tom Bainbridge</b>, Partner, Energy Team, Nabarro LLP, UK</li> <li>• <b>Mr. Peter Davey</b>, VP Consulting, Global Intelligence Alliance Group</li> </ul> Moderator: <b>Dr. Michael Quah Cheng-Guan</b> , Professor, Department of Chemical and Biomolecular Engineering and Executive Advisor, NUS Entrepreneurship Center, National University of Singapore
4:15 pm	Chairman’s closing remarks for Day 1
4:30 pm	Tea Break within ASG 2011 exhibition hall

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Thursday, 3 November	
Conference Chairman and Moderator: <b>Dr. Michael Quah Cheng-Guan</b> , Professor, Department of Chemical and Biomolecular Engineering and Executive Advisor, NUS Entrepreneurship Center, National University of Singapore	
9:15 am	Keynote Presentation by SAP (speaker and topic to be confirmed)
REGIONAL SMART GRID FOCUS	
9:45 am	<p><b>Country Focus I – Singapore</b></p> <p><b>“Singapore’s Progress with the Intelligent Energy System Pilot Project”</b></p> <p><i>Singapore’s Intelligent Energy System (IES) Pilot Project was launched in 2009, and is well within Phase I of the project. Phase 2 is scheduled to commence in 2012. This talk will provide an update on the project and key lessons gleaned from the implementation of Phase 1 and the expectations for Phase 2.</i></p> <p>Speaker: <b>Mr. Chan Eng Kiat</b>, Project Director IES, Energy Market Authority, Singapore</p>
10:15 am	<p><b>Country Focus II – South Korea</b></p> <p><b>“Conceiving and Developing a Smart Grid Testbed: The Jeju Island Experience”</b></p> <p><i>South Korea’s Jeju Island smart grid testbed project was initiated in 2009 and has about 10 consortiums in five areas of the testbed project, participating in the development and testing of smart grid technologies and related business models. KSGI is the lead agency for South Korea’s smart grid initiative and will share insights on some of the key lessons learnt from the Jeju Island project.</i></p> <p>Speaker: <b>Mr. Jerry Yang</b>, Team Leader, International Cooperation, Korea Smart Grid Institute (KSGI)</p>
10:45 am	Networking Break
11:15 am	<p><b>Country Focus III – Japan</b></p> <p>Proposed speaker from NEDO (New Energy and Industrial Technology Development Organisation) Japan</p>
12:15 pm	<p><b>Panel Discussion II: Beyond National Smart Grids - Investment and Collaboration Opportunities</b></p> <ul style="list-style-type: none"> <li>• <b>Mr. Chan Eng Kiat</b>, Project Director IES, Energy Market Authority, Singapore</li> <li>• <b>Mr. Jerry Yang</b>, Team Leader, International Cooperation, Korea Smart Grid Institute (KSGI)</li> <li>• Speaker from NEDO (to be confirmed)</li> </ul> <p>Moderator: <b>Dr. Michael Quah Cheng-Guan</b>, Professor, Department of Chemical and Biomolecular Engineering and Executive Advisor, NUS Entrepreneurship Center, National University of Singapore</p>
12:45 pm	Chairman’s conference closing remarks
1:00 pm	End of ASG 2011 Conference
FACILITY VISIT	
2:30 pm – 5:00 pm	Facility Visit to the Experimental Power Grid Centre (EPGC), Jurong Island, Singapore <sup>^</sup>

\*Conference programme is subjected to change

<sup>^</sup>Open to registered delegates of ASG2011 Conference, subjected to a limit of 30 visitors on a first come-first served basis.

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