

## Utilities Keynote

Tuesday 12 <sup>th</sup> September		Wednesday 13 <sup>th</sup> September		Thursday 14 <sup>th</sup> September	
10:25 - 10:30	<p><b>Chair's welcome</b> <b>Georgina Penfold</b>, Director, <b>Spragga Ltd</b> and Chief Executive, <b>Electricity Storage Network</b></p>	10:40 - 10:45	<p><b>Chair's welcome</b> <b>Georgina Penfold</b>, Director, <b>Spraga Ltd</b> and Chief Executive, <b>Electricity Storage Network</b></p>	10:40 - 10:45	<p><b>Chair's welcome</b></p>
10:30 - 11:15	<p><b>PANEL: Digital. Decentralised. Distributed – mapping the future energy system</b></p> <p>The demands on the energy system are constantly increasing, with networks experiencing growing pressure to connect renewable projects and balance increasing demand and usage. How do we meet demand and move towards a flexible and evolved energy system?</p> <ul style="list-style-type: none"> <li>• What does it mean for the end user?</li> <li>• What are the growing trends in distributed generation?</li> <li>• How can businesses assist in meeting demand and balancing the grid?</li> <li>• What role will innovation play in the future energy system?</li> <li>• How do we facilitate the integration of further renewables onto the grid?</li> </ul> <p><b>Marcus Stewart</b>, Head of Energy Insights, <b>National Grid</b> <b>Mike Kay</b>, Representative, <b>the IET, Energy System Catapult</b> <b>Andrew Lever</b>, Director, Policy &amp; Innovation, <b>The Carbon Trust</b></p>	10:45 - 11:30	<p><b>Session reserved for OFWAT</b></p> <p>Senior Representative, <b>OFWAT</b></p>	11:00 - 11:30	<p><b>MINISTERIAL KEYNOTE: Future proofing green investment and incentives</b></p> <ul style="list-style-type: none"> <li>• What role will legislation play in the growth of low carbon technologies?</li> <li>• What government funding is available for low carbon initiatives?</li> <li>• How do businesses and Local Authorities future proof low carbon investments and incentives?</li> <li>• What role will legislation play in the growth of low carbon technologies?</li> <li>• How do we drive decarbonisation to address air quality issues?</li> </ul>

11:30 - 12:00	<b>Sponsored Session delivered by Water Plus</b>	11:45 - 12:15	<b>The Business Case for Behind the Meter Battery Storage</b>  With battery technology advancing rapidly, find out how to unlock the potential of energy storage, understand the business case for success and take advantage of on-site energy generation  <b>Tim Barrs</b> , Distributed Energy Sales Manager, <b>Centrica</b>	11:40 - 12:10	<b>Services and technology unwrapped: Delivering your energy strategy with the right external partners</b>  From service level agreements and reporting requirements to product specifications and money back guarantees. This session will highlight, what questions to ask, and who to ask, before furthering your energy reduction aims.  <b>Richard Hipkiss</b> , Chairman, <b>ESTA</b>
12:15 - 12:30	<b>Sponsored Session</b>	12:15 - 13:00	<b>Drinks Reception sponsored by British Gas</b>	12:20 - 12:50	<b>Session reserved for ESTA</b>
12:45 - 13:30	<b>PANEL: Economics of energy storage – what are the opportunities in the market?</b>  <ul style="list-style-type: none"> <li>• What are the commercial benefits of energy storage?</li> <li>• How will energy storage facilitate the growth of the renewables market?</li> <li>• How will energy storage contribute to a more flexible grid?</li> <li>• How is battery storage being utilised in the move to a low carbon economy?</li> </ul> <b>Frank Gordon</b> , Policy Manager, <b>Renewable Energy Association</b> <b>Jim Cardwell</b> , Head of Trading and Innovation <b>Northern Powergrid</b> <b>Valts Grintals</b> , Product Manager, Energy Storage Research Service, <b>Delta EE</b>	13:15 - 14:10	<b>KEYNOTE: Low carbon economy- social and economic benefits of a sustainable business model</b>  <ul style="list-style-type: none"> <li>• Utilising clear carbon reduction targets to drive the transition to a low carbon economy?</li> <li>• How to utilise sustainable operations to attract investment</li> <li>• How to effectively work towards an ambitious science based target?</li> <li>• What value does a ‘zero carbon emission’ label add to your business?</li> <li>• How to work towards a sustainable supply chain</li> </ul> <b>Catarina Midby</b> , Sustainability Manager UK & Ireland, <b>H&amp;M</b>	13:00 - 13:30	<b>Smarter procurement: What are your businesses energy options?</b>  With the development of new technologies and renewable energy, businesses have more choice and control over their energy procurement. This session will highlight how businesses are utilising smart and bespoke procurement strategies to achieve significant savings.  <ul style="list-style-type: none"> <li>• How can businesses optimise their procurement strategies and incur savings?</li> <li>• What is the role of data within procurement strategies?</li> <li>• How does your companies CSR influence buying strategies?</li> <li>• How can businesses achieve long term energy security?</li> </ul> <b>Anna Caroline Menezes</b> , Head of Energy (UK + International) <b>Tesco plc</b>

<p>13:45 - 14:15</p>	<p><b>Session reserved for ESTA</b></p>	<p>14:20 - 15:10</p>	<p><b>Sponsored Session: Deregulation debrief - what's happened and where are we heading?</b></p> <p>This April the world's largest competitive water market opened in England, a huge transformation that presents opportunities throughout the b2b supply chain. What changes and challenges have arisen and what can we expect from the newly open water market?</p> <ul style="list-style-type: none"> <li>• How are consumers currently engaging with the market?</li> <li>• How will wholesalers overcome the potential disconnect with the consumer market?</li> <li>• How can consumers work with their suppliers to achieve maximum savings?</li> <li>• How do businesses harness the opportunities of the open market?</li> </ul>	<p>13:45 - 14:15</p>	<p><b>An Inconvenient Update: The story so far on climate change and a call to action for our industry</b></p> <p>In this session we discuss Al Gore's new documentary An Inconvenient Sequel: Truth to Power. It gives a sobering view of the impact of climate change and the progress of efforts in reducing carbon emissions. We will explore the latest data and evidence behind the film that is a clarion call for a redoubling of efforts to reduce emissions. In this session we will also talk about the responsibility of the resources, recycling and waste management sectors to drive low carbon strategies, and the opportunities for growth in this new, greener, landscape.</p> <p><b>Richard Barker</b>, Adviser and Investment Committee Member, <b>Iona Capital</b></p>
<p>14:30 - 15:00</p>	<p><b>Driving renewable development: Understanding post subsidy financial models</b></p> <p>With the closure of the Renewable Obligation and investment in renewable projects set to decline over the next three years, how can the industry continue to drive the deployment of renewable projects within an increasingly subsidy –free environment?</p> <ul style="list-style-type: none"> <li>• What are the alternative routes to market outside subsidy?</li> <li>• How to open up further revenues streams with Power Purchase Agreements</li> <li>• Understanding the tender options available to energy producers</li> <li>• Understanding best practice for securing private wire projects</li> <li>• How to engage stakeholders to secure project investment?</li> </ul> <p>Senior Representative, <b>Octopus Group</b></p>	<p>15:20 - 16:05</p>	<p><b>Low carbon London: Decarbonising smart cities</b></p> <ul style="list-style-type: none"> <li>• How to implement low carbon initiatives to meet air quality targets</li> <li>• How are cities utilising incentives schemes to drive the uptake of EV?</li> <li>• What effect will mass EV deployment have on the grid?</li> <li>• How do we address interoperability and barriers within EV deployment?</li> <li>• What is the future of gas distribution for businesses?</li> </ul> <p><b>Rhona Munck</b>, Senior Strategy &amp; Planning Manager, Environment &amp; Walking, <b>Transport for London</b>  <b>Stuart Easterbrook</b>, Future Gas Strategy Manager, <b>Cadent Gas</b>  Senior Representative, <b>UK Power Networks</b></p>	<p>14:30 - 15:00</p>	<p><b>Blockchain: What is the disruptive technology modernising the energy system</b></p> <ul style="list-style-type: none"> <li>• How can the technology optimise the distribution of decentralised energy?</li> <li>• How can producers and consumers harness the opportunities of the platform?</li> <li>• Understanding the current barriers within blockchain applications</li> <li>• Are blockchain applications the answer to advanced supply side management?</li> </ul> <p><b>Joanna Hubbard</b>, Co-Founder, <b>Electron</b></p>

<p>15:15 - 16:00</p>	<p><b>Six months in: Is the market delivering for customers?</b></p> <ul style="list-style-type: none"> <li>• How is the market performing 6 months in?</li> <li>• Is the market delivering for customers on price and service?</li> <li>• Is the market delivering resilience for customers?</li> </ul> <p>CHAIR <b>Karma Loveday</b>, Editor, <b>the Water Report</b> Senior Representative, <b>CIWEM</b></p>				