

Day 3 Thursday 26 November

08:30 – 09:00	Registration, Refreshments and Exhibition	Hall 2 (exhibition area)
09:00 – 10:30	<p>Workshop 4.1 Electricity North West (Electricity Distribution) <i>Room 3A (sponsored by Cyient)</i></p> <p>Statutory voltage limits.</p>	<ul style="list-style-type: none"> > Steve Cox, Electricity North West
	<p>Breakout Session 4.2 Energy Futures (Electricity Distribution) <i>Room 1B (sponsored by GE)</i></p> <p>“A look over the horizon”, demand side response, non-synchronous generation, future of heat and transport (electrification) and energy storage.</p>	<ul style="list-style-type: none"> > Andrew Urquhart, Scottish and Southern Energy Power Distribution (chair) > Richard Hartshorn, Scottish and Southern Energy Power Distribution > Nick Heyward, UK Power Networks > Denis Naberezhnykh, Western Power Distribution
	<p>Breakout Session 4.3 Evolution of a Future Energy Network (Electricity Distribution) <i>Room 1C (sponsored by Kelvatek)</i></p> <p>Minimising reinforcement, flexible networks, demand side response and energy efficiency.</p>	<ul style="list-style-type: none"> > Roger Hey, Western Power Distribution (chair) > Yango Mavrocostanti, Western Power Distribution > Andrew Howard, Electricity North West > Mikel Urizarbarrena, SP Energy Networks
	<p>Breakout Session 4.4 Facilitating Low Carbon Energy and New Connections (Electricity Distribution) <i>Room 4A/B (sponsored by Siemens)</i></p> <p>Examining the commercial arrangements, dynamic ratings, active networks and new operating procedures as an alternative to conventional network reinforcement.</p>	<ul style="list-style-type: none"> > Geoff Murphy, SP Energy Networks (chair) > David Ruthven, SP Energy Networks > Steven Gough, Western Power Distribution > Li-Wen Yip, UK Power Networks
	<p>Breakout Session 4.5 Evolution of a Future Energy Network (Electricity Transmission) <i>Room 12 (sponsored by Wales & West Utilities)</i></p> <p>Minimising reinforcement, flexible networks, demand side response and energy efficiency.</p>	<ul style="list-style-type: none"> > Cornel Brozio, SP Energy Networks (chair) > James Yu, SP Energy Networks > Charlotte Grant, National Grid Electricity Transmission > Faiva Wadawasina, Scottish and Southern Energy Power Distribution
	<p>Workshop 4.6 National Grid Electricity Transmission (Electricity Transmission) <i>Room 3B (sponsored by CGI)</i></p> <p>Electricity demand forecasting, wind power forecasting and solar PV forecasting. The workshop will be in two parts. There will be an interactive element where the audience can control the system frequency to keep near to the 50Hz. This will be followed by short presentations from NGET’s academic partners from Reading University, Sheffield University, The Energy Savings Trust and UCL.</p>	<ul style="list-style-type: none"> > David Lenganan, National Grid Electricity Transmission > Martin Bradley, National Grid Electricity Transmission
	<p>Breakout Session 4.7 Energy Futures (Gas) <i>Room 11C (sponsored by Northern Gas Networks)</i></p> <p>“A look over the horizon”, opening up the gas market to new and sustainable sources of gas, demand side response, future of heat and transport (electrification) and energy storage.</p>	<ul style="list-style-type: none"> > Stephen Parker, Northern Gas Networks (chair) > Jamie McAinsh, SGN > Dan Sadler, Northern Gas Networks > Freddy Tilbrook, Energy Innovation Centre (on behalf of the gas networks)
	<p>Breakout Session 4.8 Evolution of a Future Energy Network (Gas) <i>Room 11B (sponsored by SGN)</i></p> <p>Introduction into a variety of projects that seek to minimise daily operational activities, minimise reinforcement, improve energy efficiency and reduce customer disruption whilst also securing our networks for the future.</p>	<ul style="list-style-type: none"> > Angus McIntosh, SGN (chair) > Richie Reed, Northern Gas Networks > Richard Ditte, Steve Vick (on behalf of Northern Gas Networks) > David McLeod, SGN > Andy Edwards, Balfour Beatty (on behalf of National Grid Gas Distribution)
10:30 – 11:00	Refreshments and Exhibition	Hall 2 (exhibition area)

Day 3 Thursday 26 November

11:00 – 12:30	<p>Workshop 5.1 Scottish and Southern Energy Power Distribution (Electricity Distribution) <i>Room 11C (sponsored by Northern Gas Networks)</i></p> <p>Flexibility – examining how a portfolio of controllable demand, energy storage technologies and commercial strategies will be key for future network operations that can enable a more distributed energy system.</p>	> Stewart Reid, Scottish and Southern Energy Power Distribution
	<p>Workshop 5.2 Northern Powergrid (Electricity Distribution) <i>Room 3A (sponsored by Cyient)</i></p> <p>Making industry changes to realise the benefits from low carbon network projects. How a local power grid takes learning from innovation and implements it into its own business as usual practices as well as supporting peers to do the same through changes to industry policies and standards.</p>	> Jim Cardwell, Northern Powergrid
	<p>Breakout Session 5.3 Learning Opportunities (Industry Crossover) <i>Room 1B (sponsored by GE)</i></p> <p>Learning from overseas network innovation, managing risks and issues and learning from and overcoming challenges.</p>	<ul style="list-style-type: none"> > Steve Cox, Electricity North West (chair) > Watson Peat, SP Energy Networks > Stevie Adams, Scottish and Southern Energy Power Distribution > Robert Kodedeck, ULC Robotics (on behalf of the gas networks)
	<p>Breakout Session 5.4 Big Data (Electricity Distribution) <i>Room 1C (sponsored by Kelvatek)</i></p> <p>Monitoring and analysing the networks and using the results to improve performance. The increasing need to manage and utilise unprecedented volumes of data.</p>	<ul style="list-style-type: none"> > Alan Collinson, SP Energy Networks (chair) > Fiona Fulton, SP Energy Networks > Liz Sidebotham, Northern Powergrid > Jennifer Woodruff, Western Power Distribution
	<p>Workshop 5.5 SP Energy Networks (Electricity Transmission) <i>Room 3B (sponsored by CGI)</i></p> <p>Experiences of LNOs and vendors to draw conclusions on the future of transmission substation designs.</p>	> Priyanka Mohapatra, SP Energy Networks
	<p>Workshop 5.6 Environment (Industry Crossover) <i>Room 12 (sponsored by Wales & West Utilities)</i></p> <p>Network operators are working hard to reduce the impact their own activities have on the environment. There are a number of ongoing environmental issues that have huge relevance and potential implications for network operators.</p>	<ul style="list-style-type: none"> > Paul Jewell, Western Power Distribution (chair) > Matthew Watson, Western Power Distribution > Oliver Lancaster, Wales & West Utilities > Vicky King, National Grid Electricity Transmission
	<p>Breakout Session 5.7 Asset Capture (Gas) <i>Room 13</i></p> <p>A showcase of innovation projects chosen by each of the gas networks, to represent how innovation is driving value for the industry and their customers. This session offers an opportunity to walk around a number of mini exhibits and speak to representatives from the network companies and their project partners, on topics such as improved asset health information and network data capture. All of these projects look to ultimately improve network performance through efficient targeting of maintenance and replacement activities, minimising excavations and customer disruption, and enhancing safety.</p>	
	<p>Breakout Session 5.8 Facilitating Low Carbon Energy and New Connections (Gas) <i>Room 11B (sponsored by SGN)</i></p> <p>Low carbon solutions to the operating challenges that the gas network licensees currently face.</p>	<ul style="list-style-type: none"> > Darren White, National Grid Gas Distribution (chair) > Neil Dawson, National Grid Gas Transmission > Kate Grant, National Grid Gas Distribution > Stefan Romocki, Proheat Systems Ltd (on behalf of SGN) > Adam Sadler, Northern Gas Networks
12:35 – 12:50	Conference Summary	> Judith Ross, Ofgem
12:50 – 13:00	Next Year's Conference	> Steve Johnson, Electricity North West
13:00 – 13:05	Conference Close	> David Smith, Energy Networks Association
13:05 – 14:00	Lunch and Exhibition	<i>Hall 2 (exhibition area)</i>
09:00 – 14:00	Careers Event	<i>Lower Galleria (near exhibition area)</i>