Energy UK Annual Conference 2018

The Future of Energy

Tuesday 16 October
1

Welcome to the Energy UK Annual Conference 2018.

The theme for this year’s conference is the Future of Energy – which is also the name of the major project we are leading looking at how the industry can deliver a future energy system with consumers firmly rooted at its centre.

The way we consume, generate and transmit power is changing rapidly. And at the same time, there are significant changes – and challenges – in the retail sector.

We are seeing increased competition, choice, investment and innovation which is benefiting consumers – yet how to ensure this continues to flourish in an environment of increased political and regulatory intervention.

And what will the system look like in 2028, twenty years on from the Climate Change Act, which celebrates its tenth anniversary this autumn?

We are also digitalising significant parts of the market and the smart metering rollout will revolutionise the energy system, facilitating a smarter, digital future where consumers are in control of their energy use, paving the way for the electric vehicle revolution and changes in the way electricity will move around the network.

Lawrence’s welcome

Welcome to the Energy UK Annual Conference 2018.

The theme for this year’s conference is the Future of Energy – which is also the name of the major project we are leading looking at how the industry can deliver a future energy system with consumers firmly rooted at its centre.

The way we consume, generate and transmit power is changing rapidly. And at the same time, there are significant changes – and challenges – in the retail sector.

We are seeing increased competition, choice, investment and innovation which is benefiting consumers – yet how to ensure this continues to flourish in an environment of increased political and regulatory intervention.

And what will the system look like in 2028, twenty years on from the Climate Change Act, which celebrates its tenth anniversary this autumn?

We are also digitalising significant parts of the market and the smart metering rollout will revolutionise the energy system, facilitating a smarter, digital future where consumers are in control of their energy use, paving the way for the electric vehicle revolution and changes in the way electricity will move around the network.

Lawrence Slade
Chief Executive
There are some big questions that will need to be addressed, including:

- how are we going to continue to attract investment in generation assets to ensure we have the right mix of affordability, low carbon and security of supply?
- how are we going to ensure that we are delivering the wants and needs of our customers in a changing market place where technology will have a more and more important role to play?
- how are we going to ensure that the roll out of low carbon transport, particularly electric vehicles, is a success and contributes to a dynamic and flexible energy market?
- finally, how are we going to address one of the biggest challenges we face: the decarbonisation of heat?

These are just some of the big questions we will be discussing today.

We have an exciting and diverse range of speakers and we will be covering many of these issues throughout the day.

We hope you enjoy the discussions and join in the conversation using the hashtag: #EUKConf18

About Energy UK

Energy UK represents the energy industry - from established gas and electricity suppliers and generators, to new and innovative market entrants which now make up over half of our membership. Our 90-plus members produce energy from renewable sources, as well as nuclear, gas and coal, and power 27 million homes and every business in Britain. Energy UK is proud to be accredited with the Investors in People Standard and is a London Living Wage Employer.
Programme for the day

08:30 Registration & coffee

09:00 Welcome: Tabish Khan, Centrica & YEP Ambassador (host)

09:05 Opening speech: Lawrence Slade, Chief Executive, Energy UK

09:10 Keynote speech: James Heappey MP, Chair of the All-Party Parliamentary Group for Renewable and Sustainability Energy

09:30 Panel - 10th Anniversary of the Climate Change Act – celebrating success and preparing for the future
Since its inception, the Climate Change Act 2008 has been the cornerstone of GB carbon policy and has driven significant reductions in carbon emissions. While power can be viewed as a success there is still much work to be done to tackle emissions in the heat, transport and industrial sectors. The panel will discuss the successes of decarbonisation of the energy sector over the past ten years since the passing of the Climate Change Act, and look at the challenges and opportunities ahead.

Panelists:
- Chair: Jillian Ambrose, Energy Editor, The Telegraph
- Chris Stark, Chief Executive, Committee on Climate Change
- Shirley Rodrigues, Deputy Mayor of London
- Dr Paula Kivimaa, Senior Research Fellow, University of Sussex
- Tony Juniper, CBE, Executive Director of Advocacy and Campaigns, WWF UK

10:30 Coffee break

10:50 Keynote speech: Future of generation - Simone Rossi, Chief Executive, EDF Energy

11:15 Panel - What’s next for EMR and what opportunities will innovation unlock?
How we generate, distribute, store and use our energy is changing rapidly. With a sector in transition and with Electricity Market Reform (EMR) going through its Five-Year Review, the panel will explore the key challenges facing the sector and what reforms might be needed to ensure we continue to deliver low carbon generation most efficiently – and ask, what is the future of power generation?

Panelists:
- Chair: Liz Adams, Managing Director, FTI Consulting
- Rachel Ruffle, Managing Director, Renewable Energy Systems
- Sourav Niyogi, Managing Director, Accenture
- Will Gardner, Chief Executive, Drax
- Ashley Ibbett, Director of Clean Electricity, BEIS

12:15 Lunch break
13:30 Keynote speech: Paul Massara, Chief Executive, Electron

Data, digitisation and decarbonisation is transforming the energy sector. New technologies are at the heart of change throughout the UK’s energy industry. The panel will look at the impact of these developments for consumers as digital innovation and smart technology becomes an everyday reality in our homes.

Panelists:
- Chair: Rich Hampshire, VP Digital Utilities, CGI
- Maria McGowan, Chief Operating Officer, Verv
- Matthew Williams, Founder & Chief Technology Officer, Faraday Grid
- Elena Henriquez, Head of Intelligent Networks & Communications, DNV GL
- Toby Ferenczi, Director of Strategy, Ovo Energy

14:40 Coffee break

15:05 Keynote speech: Rachel Reeves MP, Chair of BEIS Select Committee

15:20 Keynote speech: Claire Perry MP, Minister for Energy and Clean Growth

15:30 Panel - What do customers want from the future retail market?
The panel will consider what customers will want from a future retail market, how it is structured and regulated, and how consumers will engage. The panel will also consider how we can best address current issues like engagement and vulnerability to ensure consumers have access to clean energy at a fair price.

Panelists:
- Chair: Pamela Taylor, Independent Chair of the Energy Switch Guarantee
- Joanna Elson, Chief Executive, Money Advice Trust
- Greg Jackson, Chief Executive, Octopus
- Alex Prentice, Sector Lead, Utilities, Huntswood
- Natasha Hobday, Group Policy and Regulation Director, First Utility

16:30 Keynote speech: Dermot Nolan, Chief Executive, Ofgem

16:45 Closing remarks: Lord Hutton, Chairman, Energy UK

17:00 Networking reception
This year's speakers

Keynote speakers

Lawrence Blade  
Chief Executive Officer  
Energy UK

James Heappey MP  
Chair of the All-Party Parliamentary Group for Renewable and Sustainable Energy

Simone Rossi  
Chief Executive, EDF Energy

Paul Massara  
Chief Executive, Electron

Rachel Reeves MP  
Chair of BEIS Select Committee

Claire Perry MP  
Minister for Energy & Clean Growth

Dermot Nolan  
Chief Executive, Ofgem

Lord Hutton  
Chairman, Energy UK

Jillian Ambrose  
Energy Editor, The Telegraph

Panellists

Tabish Khan  
Centrica & YEP Ambassador (Host)

Dr Paula Kivimaa  
Senior Research Fellow, University of Sussex

Shirley Rodrigues  
Deputy Mayor of London

Tony Juniper CBE  
Executive Director of Advocacy and Campaigns, WWF UK

Panel: 10th Anniversary of the Climate Change Act – celebrating success and preparing for the future

Rachel Reeves MP  
Chair of BEIS Select Committee

Dermot Nolan  
Chief Executive, Ofgem

Chris Stark  
Chief Executive, Committee on Climate Change

For more information on our speakers & panellists visit our website, www.energy-uk.org.uk.
Panel: What next for EMR and what opportunities will innovation unlock?

Lizi Adams  
Managing Director,  
FTI Consulting (Chair)

Rachel Ruffle  
Managing Director,  
Renewable Energy Systems

Sourav Niyogi  
Managing Director,  
Accenture

Will Gardiner  
Chief Executive,  
Drax

Panel: Empowerment and Visibility – the power of data in the Future of Energy

Ashley Ibbett  
Director of Clean Electricity,  
BEIS

Rich Hampshire  
VP Digital Utilities,  
CGI (Chair)

Maria McKavanagh  
Chief Operating Officer,  
Verv

Matthew Williams  
Founder & Chief Technology Officer,  
Faraday Grid

Elena Henriquez  
Head of Intelligent Networks & Communications,  
DNV GL

Toby Ferenczi  
Director of Strategy,  
Ovo Energy

Panel: What do customers want from the future retail market?

Pamela Taylor  
Independent Chair of the Energy Switch Guarantee

Joanna Elson  
Chief Executive,  
Money Advice Trust

Greg Jackson  
Chief Executive,  
Octopus

Alex Prentice  
Sector Lead Utilities,  
Huntwood
Future Energy UK events

Energy UK Breakfast Briefing
with Vivid Economics
How reliable is a renewables-dominated electricity system?
Wednesday 24 October 2018

Energy UK Health & Safety Conference
Marriott Hotel, Leeds
Thursday 15 November 2018

www.energy-uk.org.uk/events

Energy UK Breakfast Briefing
Energy Efficiency with CGI
Thursday 22 November 2018

Energy UK Annual Lunch
The Grange, St Pauls
Wednesday 5 December 2018

6th floor - Mountbatten, main conference hall
Attendees breakdown 2017

Last year's attendees by industry

<table>
<thead>
<tr>
<th>Industry</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Utilities</td>
<td>33%</td>
</tr>
<tr>
<td>Professional services</td>
<td>22%</td>
</tr>
<tr>
<td>Technology, Engineering &amp; Construction</td>
<td>17%</td>
</tr>
<tr>
<td>Government &amp; Regulators</td>
<td>13%</td>
</tr>
<tr>
<td>Consumer</td>
<td>5%</td>
</tr>
<tr>
<td>Research &amp; Education</td>
<td>6%</td>
</tr>
<tr>
<td>Media</td>
<td>4%</td>
</tr>
</tbody>
</table>

Key:
- Utilities
- Professional services
- Technology, Engineering & Construction
- Government & Regulators
- Consumer
- Research & Education
- Media

Companies who attended in 2017 included:

- BP
- British Gas
- Centrica
- Ceres Power
- CGI
- Deloitte
- DONG Energy
- Drax
- E.ON
- EDF Energy
- ENGIE
- Ernst & Young
- ESB
- Gemserv
- JEPIC
- KPMG
- Morgan Stanley
- National Grid
- Nissian
- npower
- Ofgem
- OVO Energy
- Powys
- PwC
- RWE
- Scottish Widows

ScottishPower
Shell
Siemens
SolarCentury
SSE
Stadkraft
The Bank of Tokyo-Mitsubishi
UFJ
Tokyo Electric Power
Uniper
Vattenfall
Increasing diversity and inclusion in energy

Welcome to the Energy UK Annual Conference where we are proud to say, you will not see an all-male panel.

Energy UK has had a ban on all-male panels for over a year now and we are pleased that our conference is almost 50/50 male and female speakers and proud to highlight the diversity of talent in our industry.

However, we know there is much more to be done particularly around black and minority ethnic (BAME) representation and at Energy UK we have been utilising our unique position and membership, spanning the broad spectrum of the sector, to lead efforts to increase diversity and inclusion in our industry.

Building on the work of our thriving LGBT+ network, Pride in Energy, Energy UK last year launched a new ‘Equality and Diversity Forum’, to bring together representatives of organisations, both large and small, to share best practice and foster collaboration on all issues relating to equality and diversity.

As well as discussing energy-specific diversity and inclusion issues, the Forum also hosts external speakers including representatives from Stonewall, which campaigns for the equality of lesbian, gay, bisexual and trans people across Britain, who spoke at the Forum’s inaugural meeting.

The group ‘Women to Work’ also provided a free two-hour workshop for the Forum and Energy UK members to look at some of the common barriers to gender balance in the workplace as well as practical tools and advice on how to address these.

The Equality and Diversity Forum will meet regularly and membership is open to all organisations and companies operating in the UK’s energy market. Further information is available on the Energy UK website.
In July 2018, Energy UK also hosted a roundtable with Employment Minister Alok Sharma and representatives from 12 energy companies spanning the sector, which led to a positive discussion about efforts across the industry to increase equality and inclusion.

At the roundtable we also launched a new publication, ‘Diversity and Inclusion in Energy’. This new brochure showcases just some of the wide-ranging activity underway in the sector to increase the opportunities for those from under-represented groups including women, young and older people, black and ethnic minorities and people with long and short-term disabilities. Centrica, Drax, EDF Energy, E.ON, npower, Ørsted, Octopus Energy, Robin Hood Energy, RWE, Scottish Power Renewables, SSE and Shell were amongst the companies taking part in the roundtable.

We look forward to continuing to work with our members and others across the industry to highlight the good practice underway in the energy sector and drive forward positive change.

Abbie Sampson, Director of External Affairs
At this year’s Energy UK Annual Conference we will be dedicating part of our exhibition area to a number of the initiatives underway in the industry aiming to drive and improve equality and diversity in the sector.

**Pride in Energy** is the diversity forum and network for Lesbian, Gay, Bisexual and Transgender (LGBT+) members of the energy industry and their allies. The Pride in Energy network was created in response to a need for an organisation to address LGBT+ issues in the energy industry. Contact @PrideinEnergy

Energy UK’s Equality and Diversity Forum, a committee which aims to coalesce representatives from the energy industry and key stakeholders to share and drive best practice for diversity and inclusion in the industry. To find out more information, please email Joshua.Atkins@energy-uk.org.uk

**Equal Engineers** who aim to create inclusive engineering and technology organisations by increasing the diversity of the workforce and improve stakeholder health and wellbeing. They do so by connecting inclusive employers with diverse candidates in engineering and technology.

**POWERful Women** which is a professional initiative to advance gender diversity within the energy sector. They campaign, provide practical support and mentor women to reach their target of 40% of middle management and 30% of executive board positions to be female by 2030.
Energy UK’s YEP Forum is a network to promote young energy industry professionals so that they can collaborate on ideas, develop relationships and celebrate successes. It brings together those considering a career in energy with those already working in the industry and provides the opportunity to share each other’s experiences and learn from the very best in the field.

The YEP Forum hosts a series of events throughout the year - ranging from panel Q&As, to debates on a variety of topics, such as the Industrial Strategy and technology and innovation in energy. YEPs have the chance to visit major power stations and energy centres throughout the UK, as well as attend the Forum’s annual Awards ceremony, which recognises those YEPs who have produced outstanding work and contributed to the success of both their companies and their own careers.

The YEP Forum works closely with fellow energy industry networks, diversity forums and skills academies to ensure the next generation of energy industry professionals have a solid foundation to build their careers on.

That is why the YEP Forum has launched an Industry Prospectus: Jobs in Energy. There are many different roles that people are unaware of so it is important to highlight the opportunities that exist with companies across all corners of the energy industry. Visit the YEP Forum stand at this year’s conference, where members of the committee will be there to answer any questions you may have. Contact: @YEPForum
Thank you to our sponsors

Engage are the Electricity and Gas industry experts, trusted by their clients to make their businesses better. Through their in-depth industry knowledge and unrivalled solutions, Engage enables energy and utilities clients across the UK to increase their profitability and realise their strategic goals.

Founded in 1976, CGI is one of the world’s largest IT and business process services providers, helping clients across the globe transform their businesses into digital enterprises. CGI is a pioneer of technological innovation in the energy and utilities sectors with decades of experience and nearly 6,000 members worldwide.

Huntswood’s aim is to drive better outcomes for our clients and their customers. We achieve this by combining expertise, technology and operational services to deliver practical solutions that help regulated firms deliver high-quality services in a cost-efficient way, while effectively mitigating business risk. We support clients across a range of regulated industries: financial services, payments, utilities, travel, pharmaceuticals and gaming.

Gentrack provides essential software for essential services, pairing powerful platforms with deep market knowledge to help utilities foster innovation and confidently navigate market reform. Over 200 customers globally trust our leading billing and customer management solutions which range from SaaS solutions for new entrants, to cloud hosted and on-premise solutions for larger utilities in competitive markets.

Gilmond provides a range of integrated software solutions for the energy market, including our complete energy supplier platform, Smart EBS, and individual modules with a range of functionality that plug simply into your existing ecosystem. Come and see our table in the exhibition area to find out how we can help you differentiate from your competition, or visit our website www.gilmond.com.

Utiligroup is a market-leading provider of innovative software and services to the energy and utilities industry and part of the leading global technology business, ESG. We’ve spent two decades making utilities smarter for everyone, serving Energy Suppliers, Distributors, Metering organisations and Traders, ensuring that their consumers are empowered through increased competition, smarter technology and improved customer services. Find out more at www.utiligroup.com.

ESB has been generating power across Great Britain and supporting the transition to a low carbon future by investing in flexible and renewable generation assets. ESB supplies electricity and gas directly to homes across Great Britain through ESB Energy. www.esbanergy.co.uk.
Electricity & Gas Industry Experts

We are experts in the electricity and gas Energy Market Arrangements, helping our clients throughout the UK to deliver their strategic goals in what is a highly competitive and rapidly evolving sector.

- Market Design and Change
- Emerging Energy Infrastructure and Services
- Operational Improvements
- Cost and Income Optimisation
- Information Services

info@engage-consulting.co.uk
www.engage-consulting.co.uk
An exclusive research report reveals how embracing flexibility is key for the future of the power system.

Visit our stand to pick up your copy!

#EUKConf18

cgi-group.co.uk/utilities | twitter.com/CGI_UKNEWS | linkedin.com/company/cgi

UK LEADER IN COMPLAINTS RESOLUTION AND INTELLIGENT CUSTOMER MANAGEMENT EXPERIENCE

We combine 20 years' expertise with technology and operational excellence to drive improved outcomes for our clients and their customers.

COME AND SPEAK TO US
visit our stand

HUNTSWOOD

0333 321 7811
HUNTSWOOD.COM
Transforming software services to mobilise a competitive energy market for all.

Come and see our stand in the exhibition area.

www.gilmond.com     + 44 (0) 1202 298444

Signs of a good night out?

OR carbon monoxide poisoning?

DIZZINESS
HEADACHES
NAUSEA
BREATHLESSNESS

Have you done your ABC?

√ Do you have an Alarm fitted?
√ Have you tested it and are the Batteries working?
√ Have you had an up to date gas Check?

For more information visit:

www.co-bealarmed.co.uk    @COBeAlarmed
Energy UK Members