

ASSET PERFORMANCE CONFERENCE

25/09/19
BIRMINGHAM

In association with
UtilityWeek

Ensuring your assets are managed effectively to secure the future of networks within a rapidly changing landscape

EXPERT SPEAKERS INCLUDE:



JOHN DUCKWORTH
Director of network strategy
Cadent



IAN CAMERON
Head of innovation
UK Power Networks



ANNABEL WEST
Head of engineering policy
SGN



ANTONY GREEN
Head of engineering and asset management
National Grid



BETHAN WINTER
System operations manager
Wales & West Utilities



CRAIG McTAGGART
RIIO-T2 non load investment manager
SP Energy Networks

The only dedicated event for asset & operations leaders in energy networks

WHY ATTEND?

- ▶ Address the **challenges and opportunities** surrounding the optimisation of data
- ▶ Hear from Ofgem on the **impact of RIIO2** on asset management
- ▶ Discover the **latest and most effective methods** of improving asset resilience
- ▶ Find out how to **meet increased demand** caused by EVs without compromising on performance

BOOK NOW: networksevents.online/asset

ASSET PERFORMANCE CONFERENCE

Times are changing for the UK's energy networks. With this comes inevitable challenge, but challenge that when overcome, will have a lasting and positive impact on the lives of the UK's population and energy infrastructure.

This, from an asset perspective includes upgrading the networks for the future demand of consumers, upgrading ageing assets, moving to digitised monitoring and control all the while maintaining the operational performance and security required day to day.

As we move into a world of smarter networks, electric vehicles and decarbonised heat and transport, understanding the condition of assets is critical to the surety of supply. Data optimisation is going to be key in this transition process to increase visibility and to highlight areas for investment. This comes against the RIIO-2 settlement, which is seeking to drive down costs and put the consumer at its heart for a more flexible and smart energy system.

The **2019 Network Asset Performance Conference** will bring together leaders from gas and power to tackle these challenges head on. The conference will consist of presentations, case studies and panel sessions and will address how networks can continue to improve asset resilience, the impact RIIO-2 will have on asset management and maintaining performance through the increased introduction of electric vehicles.

We look forward to welcoming you to Birmingham in September for a lively day of networking and knowledge sharing.



Alec Peachey
Editor
Network

WHO SHOULD ATTEND?

The Network Asset Performance Conference will be of interest to regulators and policy makers, DNOs, GDNs, the supply chain, energy suppliers and aggregators.

Relevant job titles include directors, heads and managers responsible for:

- ▶ Asset management, planning & strategy
- ▶ Networks
- ▶ Regulation / policy
- ▶ Operations
- ▶ Innovation & engineering
- ▶ Data analytics
- ▶ Smart energy / grids
- ▶ Generation strategy
- ▶ Demand management / response
- ▶ Commercial

Agenda (subject to change)

08:30 Registration, refreshments and networking

09:10 Conference welcome
Alec Peachey, Editor, **Network**

DECARBONISATION – MANAGING ASSETS TO MAINTAIN PERFORMANCE AND MEET RELEVANT TIME FRAMES

09:15 **Could hydrogen drive the future of heat?**

- The potential of hydrogen in decarbonisation
- Challenges to establishing a clear future pathway for decarbonised gas networks
- What evidence is required to prove a viable future?

Antony Green, Head of engineering and asset management, **National Grid**

09:35 **Electric vehicles – meeting increased demand on the low voltage network without compromising on performance**

- The uptake that is being noticed on the low voltage network from the increase in EV's
- How SSE is tackling the uptake, challenges and successes
- Planning ahead to avoid just re-acting; ensuring infrastructure is in place to cope with increasing demand

Richard Hartshorn, Electric vehicle readiness manager, **SSE**

09:55 Visit event.networks.online/asset for details

10:10 **Optimising distribution gas networks to support decarbonisation**

- Responding to the challenges associated with meeting our customers' future needs, including; supporting green gas entry into the network and increasing numbers of transport loads
- Using smart pressure control to ensure the network capacity is fully utilised, avoiding expensive investment solutions

Bethan Winter, System operations manager, **Wales & West Utilities**

10:30 **Quiz the panel:**

Led by the chair and audience this interview-style session is interactive and participatory in nature, allowing you to provide questions and vote on your favourites from the floor.

10:50 **Refreshments, networking and exhibition**

USING DATA EFFECTIVELY TO INCREASE ASSET LIFE AND MAINTAIN PERFORMANCE

11:20 Enabling the smart grid – utilisation of satellite networks to improve remote IoT applications and advance connectivity for increased efficiencies

- The advantages of cutting-edge satellite communications to connect remote locations
- Seamless integration for reliable, resilient and secure communications
- Real-life case studies covering energy IoT applications using satellite services

Senior representative, **Marlink**

11:35 Questions

11:40 Data driven decision making

- Use of open data from external data sources to inform your maintenance regime
- Tracking effects of change through the use of data
- Reducing physical science visits by using geospatial data techniques

Annabel West, Head of engineering policy, **SGN**

12:00 Using data analytics to identify ‘unknown’ assets

- Ensuring the safe and reliable delivery of gas to customers
- Creating quality data to build our asset management strategy
- Using data analytics to improve asset data quality

John Duckworth, Director of network strategy, **Cadent**

12:20 Panel and audience debate – doing as much with existing assets vs building new infrastructure

- The role of data in prolonging asset life
- How should data be used in the decision-making process of asset renewal
- Cost effectiveness – what is the best option?

Led by the chair with the use of slido, the audience can ask the panel questions on this much debated topic.

Session speakers to be joined by:

Daniel Wilson, Asset data manager & NMS data lead, **Electricity North West**

13:00 Buffet lunch, networking and exhibition

REGULATION – RII0-2 AND IMPACT ON ASSET MANAGEMENT

14:00 RII0-2 – An update, what does it mean for asset management and performance

- Evolution in regulatory approach in asset management
- Direction we’re going in to in terms of a risk-based approach to asset management
- Potential pitfalls from heading in this direction

Neill Guha, Senior manager cost analysis, **Ofgem**

14:20 Panel and audience debate:

Led by the chair with the use of slido, the audience can ask the panel questions on this much debated topic.

Session speakers to be joined by:

James Kerr, Senior policy researcher, **Citizens Advice**

Craig McTaggart, RII0-T2 non load investment manager, **SP Energy Networks**

15:00 Refreshments, networking and exhibition

IMPROVING ASSET RESILIENCE

15:30 Using technology and innovation in the rehabilitation of linear assets

Ian Cameron, Head of innovation, **UK Power Networks**

15:50 Asset resilience – storm response

Chris Fox, Operations & distribution system manager, **Electricity North West**

16:10 Visit event.networks.online/asset for details

16:30 Quiz the panel:

- How utilising technology and encouraging innovation can increase asset resilience
- The danger of increasingly common adverse weather conditions including storms, ensuring network’s assets can cope and maintain required performance
- The increased threat of cyber risk to UK networks, and how assets can be protected

Led by the chair and audience this interview-style session is interactive and participatory in nature, allowing you to provide questions and vote on your favourites from the floor.

16:45 End of Conference

SPONSORSHIP & EXHIBITION

Promote your brand, demonstrate your thought leadership, and engage potential clients. Various sponsorship and exhibition opportunities are available. For more information, please contact **Helen Smith** on **+44 (0)1342 332109** or email helensmith@fav-house.com to discuss your objectives.

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BIRMINGHAM NATIONAL CONFERENCE CENTRE

book online now at
networksevents.online/asset

Booking type	Book before 7 June	Full rate
Utilities, public sector, non-profit, academic	£399	£499
Standard	£499	£599

Please note that prices exclude VAT, are per delegate and include all day access to the event, available conference presentations post event, buffet lunch and refreshments for registered delegates only. Fees do not include travel costs or accommodation. Shared places are not permitted.

More reasons to book...

What previous delegates have said

'Very good, well prepared and useful current information'

Director, asset management, CGI

'Interesting and thought provoking with useful networking'

Asset strategy manager, National Grid Gas Distribution

'Educational, a potential vision of what may be the 'next step' in energy networks'

Asset management and modelling manager, Electricity North West

'Content very good indeed'

Director of engineering, EPNC



Book 2 delegates from your organisation and any subsequent bookings will receive 30% off.

Contact **Ria Beal** on **+44 (0)1342 332050** or email **riabeal@fav-house.com** for more information.



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