

# PowerEx Live - Conference Speakers

## GENSET-LIVE

### GENSETS

Coffee & Networking 10.00 -11.30am



**TONY HANLEY** 11.30am  
**ACTIVE FIRE PRECAUTIONS ENGINEERING SPECIALIST**  
FirePro fire suppression technology is neither pressurised gas or water. It is an all electrical potassium based LPCB performance certificated cost effective and green alternative, now adopted by UK DNO's in sub stations & distribution rooms & diesel genset enclosures,



**IAN WILCOXSON** 12.00 noon  
**REGULATORY AND TECHNOLOGICAL CHANGES**  
Ian discusses recent regulatory and technological changes along with their impact on sizing and selecting standby generator sets, especially in the context of historic sizing norms. In addition to looking at modern sizing basics and load steps, plus how a properly integrated UPS can assist with these.



**ROMAIN MOCAER** 12.30  
**DIESEL & GAS MARKET OUTLOOK**  
Romain will speak about the diesel & gas generator market in 2021 and the coming years: which territories and which segments are recovering faster, and what is the outlook for the next few years. Generally speaking, the generator industry has been affected by the COVID-19 crisis but it has also strengthened some segments.

## CHP-LIVE

### CHP

Coffee & Networking 10.00 -11.30am



**WILLIAM BORDASS** 11.30am  
**HOW MUCH HEAT DO WE REALLY NEED?**  
Most decarbonising scenarios assume the need to maintain the indoor environmental standards we have become used to. This implies heavy investment in insulation and/or low carbon heat. Are there alternatives? He reviews some studies & technical options.



**DAVID OLIVIER** 12.00 noon  
**HEATING UK BUILDINGS BY 2050**  
David Olivier discusses the main options for heating UK buildings by 2050. He reviews how Denmark got to a high level of 'sustainable' heating systems and asks if heat zoning could work here?



**MARK CROWTHER** 12.30  
**THE UK'S HYDROGEN FUTURE**  
Mark was the original proponent of repurposing the gas grid to hydrogen based upon a contract for the IEA in 2004, and subsequently lead the ground breaking Hyhouse work on hydrogen safety. He then lead Kiwa's role as main contractor to NGN Leeds H21 Citygate study.

## LUNCH BREAK - 1 HOUR



**CARLOS VICENTE** 14.00  
**OVERVIEW OF THE NRMM RETROFIT STANDARDS**  
An overview of the NRMM Retrofit standards to enable older Gen sets to meet real world Stage V emissions. The presentation will cover the Energy Savings Trust accreditation process and will also provide some examples of first-of-a-kind applications.



**DAVOR TONCIC** 14.30  
**JAMES KIME**  
**HOW TO FUTURE PROOF YOUR POWER GENERATION SYSTEMS**  
To manage your power generators and fuel tanks more efficiently, a key requirement is access to correct and relevant data.



**MARK BARRETT** 14.00  
**A 100% RENEWABLE UK WITH A FOCUS ON HEAT**  
The UK has a net zero greenhouse gas emission target – how can energy system design contribute to achieving this? The energy system comprises two basic parts: demand and supply. The behaviour of people using demand technologies is driving energy demands.



**TOBIAS KNICHEL** 14.30  
**PUNCH FLYBRID**  
PUNCH Flybrid technology is scalable and highly adaptable improving efficiency in numerous different applications including in off-highway, power generation, automotive and bespoke applications. PUNCH Flybrid has developed key energy recovery technology.



**BILL TORRANCE** 15.00  
**AN ENGINE FOR A WIDE RANGE OF POOR QUALITY AND VARIABLE-PROPERTY FUELS**  
A range of Advanced Conversion Technology solutions (Gasification, Pyrolysis etc) are now proven & accepted in the Waste to Energy sector, particularly in the conversion of plastic waste.



**DAVE ANDREWS** 15.00  
**THE FUTURE OF CHP**  
Overall at the European level, cogeneration has remained stable during the past few years. High gas prices, inconsistent energy policies and relatively low electricity prices have kept the competitiveness of gas-fired CHP-plants marginal in many EU states.



**ROMAIN MOCAER (PART 2)** 15.30  
**CHALLENGES & OPPORTUNITIES OF THE GENSET INDUSTRY**  
In this presentation, Romain Mocaer will introduce the EUROGEN association (objectives and missions of the association) and speak about the current challenges and opportunities of the Generating Set Industry in Europe



**DISCUSSION FORUM** 15.30  
**ROUNDTABLE DISCUSSION ON CHP & THE FACE OF TECHNOLOGICAL CHANGE**  
Topics under discussion include the future role of CHP generation in achieving net zero greenhouse gas emissions by 2050, and supporting green recovery. How the technology might support decarbonisation.



**PowerEx Live**  
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GEN-SETS | CHP | DATA CENTRES | CONSULTANTS  
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