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THE ELECTRICITY STORAGE
NETWORKTM

WHAT CAN POSSIBLY GO WRONG?

A SEMINAR ON BATTERY SAFETY
AND OPERATIONAL ISSUES



Time	Speaker / Organisation	Topic
From 09:00		Registration and refreshments
09:30 – 09:45	Anthony Price	An introduction to energy storage development in the UK <ul style="list-style-type: none">- Overview- The legislative and regulatory landscape
09:45 – 10:00	Ken McKinley AES Energy Storage	Quality, credibility, flexibility and longevity for energy storage <ul style="list-style-type: none">- Lessons from a decade of safe battery energy storage experience
10:00 – 10:15	BEIS	<ul style="list-style-type: none">- The role of governmental collaboration with industry on energy storage
10:15 – 10:35	BEIS	After it's all over <ul style="list-style-type: none">- The Batteries Directives and other end of life issues
10:35 – 10:50	Discussions and questions	
10:50 – 11:15		Refreshment break
11:15 - 11:30	Rosemary Whitbread HSL	Confidence in energy storage <ul style="list-style-type: none">- The enabling principles of UK health and safety legislation- Using sound health and safety credentials to underpin crucial public, investor and wider industrial/commercial confidence- Introducing the UK health and safety regulatory framework- Protection for worker and public safety- Controlling the risks of unlikely, but potentially catastrophic major incidents

11:30 – 12:15	Jonathan Buston HSL	Fire, and how to damage a battery in other ways <ul style="list-style-type: none"> - How batteries fail and the potential consequences - The HSL's experimental programme <p>The talk will include videos and images of testing and will be based on experience with secondary lithium ion batteries. References will be made to other secondary battery types, including flow batteries</p> <p>The talk will address issues relating to domestic, mid-size and large scale installations</p>
12:15: - 12:30	Andy Passingham Olssen Fire	Fire management <ul style="list-style-type: none"> - Fire regulations - Using computer tools to understand the impact of fire
12:30 – 12:45	Discussion and questions	
12:45 – 13:45		Lunch
13:45 – 14:00	Jez Kent Swanbarton	Under lock and key? <ul style="list-style-type: none"> - How to provide cyber security for energy storage projects
14:00 – 14:30	Aazzum Yassir S&C	The whole system <ul style="list-style-type: none"> - Layout, electrical safety and protection, containerised and buildings, maintenance, upgrades and decommissioning
14:30 – 14:45	TNEI	Asking permission <ul style="list-style-type: none"> - Best practice in planning and consents inc COSSH / COMAH / EIA
14:45 – 15:00	BSI Invited	Achieving excellence <ul style="list-style-type: none"> - The role of British and international standards
15:00 – 15:45	Q&A break away sessions	<ul style="list-style-type: none"> • Protecting workers – health & safety in installation, operation and maintenance etc. • Protecting the public – mitigating the potential consequences of an incident (location, planning, emergency response etc.) • What are the implications for the electricity storage industry
15:45 – 16:00	Plenary discussion and summing up	
16:00 – 16:15	Session chairman	Promoting best practice
16:30		Close and final refreshments

This programme is indicative to show the content of the seminar. The organisers reserve the right to change the programme. © 2017 All rights reserved.



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