

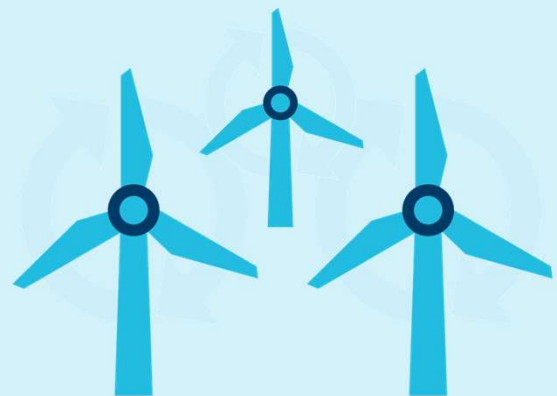
Day 1

Wednesday March 2023

Technical Visit Options

Tutorial Options

Technical Visit One		Tutorial One	
9:15	Travel Outbound	9:30	Registration for Tutorial 1
10:00	The National HVDC Centre	10:00 – 13:00	Tutorial 1 (am) Session Content TBC
12:00	Networking	Tutorial Two	
13:00	Power Networks Demonstration Centre (PNDC) tbc	13:30	Registration for Tutorial 2
15:00	Travel Inbound	14:00 – 17:00	Tutorial 2 (pm) Session Content TBC
Technical Visit Two tbc			
13:00	Travel Outbound		
14:00	Scottish Power Whitelee Windfarm		
15:30	Travel Inbound		



ACDC 2023

The 19th International Conference
on AC and DC Power Transmission
1 – 3 March 2023 | Glasgow

Day 2

Thursday 2 March 2023

08:30	Welcome refreshments & registration		
09:15	Chairman's welcome		
	Dr Khaled Ahmed, University of Strathclyde		
09:20	Keynote		
	Department for Business, Energy & Industrial Strategy, Representative TBC		
9:40	Keynote – Overcoming barriers to achieve Net Zero in this turbulent global climate?		
	Julian Leslie, Head of Networks and Chief Engineer, National Grid ESO		
10:00	Policy navigation - Are we in an impossible disconnected maze?		
	Opening Presentation: Delivering 50GW by 2030		
	• Chair: Joseph Northwood , Head of Commercial, Stakeholder, and Delivery Strategy, National Grid		
	• Panellists: TBC		
11:00	Refreshments, Exhibition and Posters		
	Stream A	Stream B	Stream C
	Industry Grid Development Plans	Technical Paper Oral Presentations	Technical Paper Oral Presentations
11:30	Nigel Williams, Project Director, Xlinks		
11:50	Liam Ryan, Chief Innovation and Planning officer, EIRGRID		
12:10	Energy transition in Spain: A picture of a power system with large amounts of power-electronic devices Rosalía Rivas, Head of the Department of Reliability of Power Systems, Red Eléctrica de España	Technical Paper Presentations	Technical Paper Presentations
12:30	Morning Review Q&A		
12:45	Lunch, Networking and Posters		

Day 2 continued

Thursday 2 March 2023

12:45 Lunch, Networking, Exhibition and Posters

Plenary – Grid Resilience: a global perspective

13:45

David Wright, Group Chief Engineer, **National Grid Group**

Plenary – The American Dream of a US Macro-grid

14:05

Julia Matevosyan, Chief Engineer, Energy Systems Integration Group (ESIG)

14:25 Questions

Panel – HVDC WISE - EU project on HVDC resiliency and reliability of HVDC systems

14:30

- **Dr Agustí Egea-Àlvarez**, Senior Lecturer, **University of Strathclyde**
- **Collin Foote**, Senior Simulation Engineer, **HVDC Centre**
- EPRI Europe Representative
- RSE Spa Representative
- Supergrid Institute Representative

15:20 Refreshments, Exhibition and Posters

Stream A

Stream B

Stream C

Industry
Maintaining and enhancing grid
resilience and flexibility as it is
developed to a Net Zero future

**Technical
Paper Oral
Presentations**

**Technical
Paper Oral
Presentations**

16:00

Niall McDonald, Chief Engineer, **Ofgem**

Technical Paper
Presentations

Technical Paper
Presentations

16:30

Whole System Approach to Integration
Beth Warnock, Practice Manager: Power
Systems, **Energy Systems Catapult**

17:00

Final Q&A

17:15

Chair's closing remarks

19:00

Dinner, Drinks Reception and Awards

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Day 3

Friday 3 March 2023

9:00	Welcome refreshments & registration		
09:15	Chairman's welcome		
	Ben Marshall, Technology Manager, The National HVDC Centre		
09:20	Keynote – Plain sailing towards Energy Islands?		
	Speaker TBC		
9:40	Keynote		
	TenneT Representative, Speaker TBC		
10:00	Panel – How can we innovate whilst remaining within budget and delivering in a timely manner?		
	<ul style="list-style-type: none">Chair: Nicola Todd, Head of Innovation, National GridVijay Shinde, Head of New innovation, SiemensPanellists TBC		
10:45	Refreshments, Exhibition and Posters		
	Stream A	Stream B	Stream C
	HVDC Grid	Technical Paper Oral Presentations	Technical Paper Oral Presentations
11:30	Reliability Considerations for the Design and maintenance. Dave Mckay, Asset management and Operations, SSE		
11:50	Mutli-Vendor Compatibility/Interoperability Speaker TBC	Technical Paper Presentations	Technical Paper Presentations
12:10	Evolving Capability & Need of Grid Forming Control Speaker TBC		
12:30	Morning Review Q&A		
12:45	Lunch, Networking, Exhibition and Posters		

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Day 3 continued Friday 3 March 2023

12:45 Lunch, Networking, Exhibition and Posters

13:45 Plenary Case Study – The Orion Clean Energy Project: Transforming Shetland into an entirely secure and affordable renewable energy island.

Gunther Newcombe OBE FEI, **ORION Energy Hub Project Coordinator** tbc

14:05 Plenary – Extracting greater value from Interconnection, Mutli-purpose interconnectors

WindGrid – Chief Engineer TBC

14:25 Questions

Panel – Is Digitalisation just a Buzzword for Transmission Systems?

14:40 Opening Presentation
Laura Sandys CBE, Chair, **Government's Energy Digitalisation Taskforce**

Chair: **Professor Sara Walker**, Director of the **EPSRC National Centre for Energy Systems Integration**
Panellists: TBC

15:30 Refreshments

	Stream A	Stream B	Stream C
	Grid Integration	Technical Paper Oral Presentations	Technical Paper Oral Presentations
16:00	Stewart Whyte , Chair of UK Chapter, Institute of Asset Management tbc	Technical Paper Presentations	Technical Paper Presentations
16:30	A Middle Eastern Perspective: Project Lightning Speaker tbc		

17:10 Best Technical Oral Presentation Award

17:15 Chair Closes