

HVDC Operators' Forum 2023

Agenda Wednesday 14 June (Day 1)

Event Theme: **“How to use HVDC to unlock Net-Zero”**



Morning Session

- 9:00** Teas, Coffees, Cakes and Registration
- 9:30** Welcome and Overview of the Event
Ben Marshall/Simon Marshall, The National HVDC Centre
- 9:45** Setting the National Ambition
- Session 1** **How to Design HVDC for Net-Zero**
- 10:00** Session Introduction and Context
Ben Gomersall, The National HVDC Centre
- 10:15** Practicalities of Implementing the HND Designs (focus on HVDC components)
Graham Stein, ESO
- 10:45** How the TOs are Developing and Delivering HVDC Future Network Solutions
Bless Kuri, SSEN Transmission
- 11:15** Coffee Break
- 11:30** Developer Insights on Projects in HVDC Delivery
- 12:00** International Net-Zero Network Design
- 12:30** Panel Q&A Session (with prior presenters)
- 13:00** LUNCH



Afternoon Session

- Session 2** **How to Provide Enhanced Network Support**
- 14:00** Session Introduction and Context
Colin Foote, The National HVDC Centre
- 14:15** Network Challenges as we Progress to Net Zero
Shurooque Baloch, ESO
- 14:45** How TOs are Preparing for a Low SCR Network
Ryan Tumilty, SSEN Transmission
- 15:15** How Moyle is Delivering Enhanced Network Support
Sam Gibson, Mutual Energy
- 15:45** Coffee Break
- 16:00** How to Improve Restoration Capability in a Converter Dominated Network
Eric Leavy, SP Energy Networks
- 16:30** Recent Results in Providing Enhanced Network Support Through HVDC
Razvan Pabat-Stroe, EPRI International
- 17:00** Panel Q&A Session (with prior presenters)
- 17:30** Close

Gala Dinner
14th June 2023
Venue: TBC
Starting at 18:30

HVDC Operators' Forum 2023

Agenda Thursday 15 June (Day 2)

Event Theme: **“How to use HVDC to unlock Net-Zero”**



Morning Session

- 8:15** Teas, Coffees and Cakes
- 8:45** Welcome to Day 2
Ben Marshall, The National HVDC Centre
- Session 3** **How to Specify and Build Multi-Vendor Multi-Terminal Schemes**
- 8:50** Session Introduction and Context
Dong Chen, The National HVDC Centre
- 9:00** How to Specify Multi-Vendor Multi-Terminal HVDC Schemes
Perry Hofbauer, SSEN Transmission
- 9:30** How Innovation Projects are Paving the Way: Project Aquila, InterOPERA, HVDC-WISE and Ready4DC,
Ben Marshall, The National HVDC Centre, with SuperGrid guest speaker
- 10:00** How to Manage MVMT-HVDC Innovation Project
Dominic Chan, SSEN Innovation
- 10:30** Coffee Break
- Session 4** **How HVDC Suppliers are Preparing for Multi-Vendor Multi-Terminal**
- 11:00** Session Introduction and Context
Ben Marshall, The National HVDC Centre
- 11:15** Concurrent presentations / demonstrations delivered by main HVDC suppliers and RTDS Technologies Ltd.
- 12:15** LUNCH



Afternoon Session

- Session 5** **How to Deliver at Pace**
- 13:00** Session Introduction and Context
Simon Marshall, The National HVDC Centre
- 13:15** Standardising Converter Design, Early Consenting and Streamlining Approvals
Perry Hofbauer, SSEN Transmission
- 13:45** Supply Chain Strategy
- Session 6** **How to Develop HVDC Skills**
- 14:15** Academic Engagement
*Mike Barnes, University of Manchester
Lie Xu, University of Strathclyde*
- 14:45** HVDC Centre Training
Colin Foote, The National HVDC Centre
- 15:00** Wrap-up and Close
Ben Marshall, The National HVDC Centre