

PROJECT COORDINATOR

DNV GL Netherlands B.V.
Utrechtseweg 310
6812 AR Arnhem
The Netherlands
Fon +31 26 3 56 9111
Web www.dnvgl.com/energy

HVDC Grid Protection System Demonstration – *Interoperability, Primary and Back-up Protection*

Dear Madam/Sir,

Cumbernauld, 20th August 2020

On behalf of the consortium of the EU funded 'Progress On Meshed HVDC Offshore Transmission Networks' (PROMOTioN) project, it is my pleasure to invite you to our HVDC grid protection system demonstration on Wednesday the 9th September 2020. The demonstration will be conducted as a virtual event.

Integral to the development of the meshed offshore grid is the ability to protect it in such a way to isolate faults while retaining as much transfer capability as possible. Recently, standalone HVDC protection relays or intelligent electronic devices (IEDs), essential for selective DC line protection, are under development by various industrial vendors and research institutes. To increase the technology readiness level, improve confidence in the maturity of the technology and show that it is in principle ready for real-world application, PROMOTioN will demonstrate the IED performance. To this end, fully hardware implemented IED prototypes will be tested against realistic HVDC grid models being run in a real-time simulation environment.

We consider it important to open this event to all stakeholders in the future HVDC grid development, and the deployment of HVDC IED technology in Europe. It is thus of key importance for us to enable you to witness the performance of this technology during a demonstration event. Please join us during the protection system demonstration.

Attached you will find the program of the main demonstration and some characteristics of the objects to be demonstrated.





PROMOTioN

PROGRESS ON MESHED HVDC
OFFSHORE TRANSMISSION
NETWORKS

Please register at:

<https://speakeasy.eventsair.com/ssen-event/ssenpromotion/Site/Register>

As this a virtual event, there is not expected to be a cap on attendance so please do share this invite further.

Should you have any further questions please feel free to contact me. We look forward to welcoming you to our demonstration.

Best Regards,

Ian Cowan
PROMOTioN Work Package 9 Lead

M: +44 (0)7342 028 190

E: ian.l.cowan2@sse.com



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PROMOTioN – Progress on Meshed HVDC Offshore Transmission Networks