

Introduction

Since our last newsletter, summer has arrived and we hope you are seeing the sun like we are here.

We have had an exciting three months here at the Centre, with the arrival of our replicas and the 2018 Operators' forum.

In the next three months we will be: attending the CIGRE Session in Paris, starting working with our new Replicas, and look forward to lots of other events.

Watch this space!

Simon Marshall

This is the thirteenth Newsletter for The National HVDC Centre, which aims to share the activity and learnings from the Centre.

The arrival of our replicas

The Replicas have arrived! Having completed the FST at the supplier site earlier this year, the replicas are now here at the HVDC Centre.

They have been unloaded and are currently getting wired up and integrated with our real time simulator.

There is in the region of 1300 cores across 390 cables being installed.

There will then be a phase of on site commissioning and testing to ensure that everything is working as expected before it officially gets handed over to us.

Following the installation, ABB will provide us some initial training on how to operate the replicas then we can begin using the Replicas in anger. We already have a couple of projects involving studies further to those undertaken during FST testing to complete before the beginning of commissioning in the main Caithness-Moray project.

Alongside this we will be working on getting the operators from the SHE Transmission Control Room some experience of using the link under a range of network conditions to build up familiarity with the behaviour of the link before it goes live on the network.

Installation of our first set of Replicas is a very exciting milestone to hit and everyone here is eager to start using them.

Ian Cowan

Simulation Engineer





HVDC Operators' Forum 2018

On 21st & 22nd June 2018, The National HVDC Centre hosted the annual HVDC Operators' Forum, where a range of GB HVDC Projects attended along with GB, European and International TOs.

We heard from a wide range of presenters, on a variety of topics and projects. It was an excellent couple of days with plenty of opportunities to hear about the lessons learnt from various projects and range perspectives, especially on the Caithness-Moray Link.

All the presentations can be found in our Operators' Library on the website: www.hvdccentre.com/library/operators/ (you'll need to sign-up if you haven't already):

- Overview (Simon Marshall, HVDC Centre)
- Context of HVDC in GB (Paul Neilson, HVDC Centre)
- De-risking HVDC Projects (Sébastien Denetiere, RTE)
- Caithness-Moray Lessons learnt (Martin Ferguson, SSEN)
- Nemo Project Update (Li Yang, Nemo Link)
- NorthConnect Project Update (Richard Blanchfield)
- SSEN Island Projects Lessons learnt (Daryn Lucas, SSEN)
- Labrador-Island Link (Walter Parsons, Nalcor)
- Eastern Link Project (Paul Neilson, HVDC Centre)
- Caithness-Moray Replicas (Yash Audichya, HVDC Centre)
- PROMOTioN (Yash Audichya, HVDC Centre)
- HVDC in UK – Present & Future challenges (Norman MacLeod)
- MMC Efficient Modelling (Dr Lie Xu, University of Strathclyde)
- AngleDC : Challenges, Developments & Findings (Andrew Moon, AngleDC)
- 5-port LCL DC hub (Dragan Jovcic, University of Aberdeen)
- PNDC (Steven Whyte, PNDC)
- Multi-infeed Stability (Robin Preece, University of Manchester)

Thanks again to all the presenters, the openness and the quality of the presentations made the event extremely valuable to everyone.



Ruth Apps
Business Development Manager

