

Progress on Site

Here is a collection of photographs taken on site on 30 September 2016.



View of the Auditorium



View of the Main Entrance



View of the main control room



View of the Replica Room



External View

This is the seventh Newsletter for The National HVDC Centre, which aims to keep stakeholders informed of our progress and developments.

In this edition, we focus on: progress of the building, recruiting the team and the services we offer.

Breaking-Ground



Ground Breaking Event, 1 September 2016

On Thursday 1 September, representatives from Scottish Power, Scottish Enterprise and the University of Strathclyde, joined Scottish and Southern Electricity Networks (formerly Scottish and Southern Energy Power Distribution).

In attendance was MSP Jamie Hepburn, Minister for Employability and Training, who formerly mark the start of the buildings construction.

The Minister gave a speech adding “The construction of the HVDC Centre is the third centre dedicated to the electricity industry in Cumbernauld – making it a key location for electrical research and innovation.”

The new centre is still on target to open in Spring 2017. As you can see from the pictures on the left, work is progressing well.

Vicky Gilford

Stakeholder and Communications Manager

Conferences

During the last few months The National HVDC Centre team has presented at the real-time simulation workshop at the CIGRE Session in Paris, and also at the RTDS® European users group meeting in Glasgow. The focus of these presentations has been:

- The development of power emulator functions to achieve cost savings;
- Use of Caithness–Moray– Shetland Replica Control Panel;

- The National HVDC Centre’s work in the EU funded PROMOTioN project; and
- An update on the project and the building construction.

The National HVDC Centre project team will next be presenting and exhibiting at the LCNI conference in Manchester on 11 -13 October 2016.

Yash Audichya

HVDC Planning and Design Manager

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The National
HVDC Centre



CAREERS

LATEST OPPORTUNITIES

interpreting the results to gain insights to improve the design and operation of HVDC schemes.

If you are interested, please contact us for more information, or apply directly on: www.ssejobs.co.uk

Simon Marshall

The National HVDC Centre Project Manager

Now Recruitment

We are currently recruiting for two Simulation Engineers to join our new team.

The team of Simulation Engineers will undertake detailed HVDC simulation studies in real-time using vendor-supplied replica hardware to understand multi-infeed, multi-terminal and multi-vendor HVDC operation and interactions, for real schemes in GB;

New Recruit

Tarun Sharma has recently joined The National HVDC Centre team as a Simulation Engineer.

He comes from a Power System Simulation background and is passionate about learning advanced power system simulations.

His special interests include system studies for integration of renewables in the Transmission Grid and Grid security.



Tarun Sharma
Simulation Engineer

Our Services

From Spring 2017, we will be open for business and welcome the opportunity to work with you.

SHE Transmission is responsible for the construction and operation of the Centre, however our services are available to other organisation, including: transmission owners/operators, HVDC manufacturers, OFTOs, renewables developers, interconnector companies and academic institutions.

We offer a range of services:

- **Studies** - Undertaking detailed real-time studies on the operation of HVDC (and other power electronics), on GB's transmission network.

- **Training** - A range of HVDC focused training courses will be available, along with bespoke courses developed on request.
- **Support** - Our experts can support and advise on the design, development and operation of HVDC schemes.
- **Innovation** – Relating to real-time simulation and HVDC.
- **Facilities** - Use of our state-of-the-art facilities.

Please contact us to discuss your requirements.

Simon Marshall

The National HVDC Centre Project Manager

Meet us

We will be attending and participating at the following upcoming conferences:

- **LCNI Conference** (Manchester, 11-13 October 2016); and
- **ACDC 2017** (Manchester, 14-16 February 2017).

Twitter

Why not follow us on Twitter @SSEN_FN where we will be tweeting live updates using #NationalHVDC

