RTDS® Real-Time simulation training

The Centre runs an RTDS® training course which introduces attendees to the RTDS® hardware and RSCAD software to enable them to perform real-time network simulation studies.

The 3-day course covers:

o Overview of the principles of the RTDS® Simulator and an introduction to the electromagnetic transients algorithm used;

o Introduction to the RSCAD software suite and its modules;

o Building and running a number of power system simulation cases demonstrating the capabilities (and limitations) of the RTDS® Simulator;

o Use of various I/O cards – GTAO, GTAI, GTDO, GTDI and GTFPI;

o Introduction to developing an interface between external HVDC replica controls and the RTDS® Simulator for closed-loop testing.

The next course date is the 5-7 November 2019. Please email info@hvdccentre.com to attend. We can also provide bespoke training courses, should you wish to come in a group or have specific learning outcomes.

Feedback from the first course held in January 2019

o *"Very clear course with cutting-edge equipment. Highly recommended even if you have previous experience in RTDS®."*

o *"Really interesting course to start using RTDS® equipment. Complete explanations about how the hardware and software works starting with simple models and finishing with real converter replicas."*

o *"Very interesting and dynamic course. All the essentials to work with RTDS®. The National HVDC Centre was a very good host too!"*

🐦 **@HVDC_Centre_GB**   in **the-national-hvdc-centre**

To find our more, please contact us to discuss or to arrange a visit:

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