

HVDC Circuit Breakers

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Objectives:

- Determine the requirements for HVDC breakers in HVDC grids
- Conceive, analyze and evaluate new HVDC breaker concepts
- Experimental verification of a downscaled prototype

Main achievements so far:

Two system level studies published

[1] Modelling of HVDC breakers for HVDC grid simulations, ACDC 2017, Manchester

[2] Transient Behaviour of VSC-HVDC Links with DC Breakers Under Faults, EPE 2017, Warsaw

