

# ELECTRA

## SC B4 (SC 14) ELECTRA PUBLICATIONS 1967-2017

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- ELT\_038\_2 1975 *Observation of overvoltages under normal commercial operation at the AC/DC converter station Lydd.*
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- ELT\_063\_2 1979 WG 14.03 *A general survey of AC harmonic filters and reactive compensation for HVDC*
- ELT\_064\_2 1979 *Design and test methods for combined spark gaps of DC arresters*
- ELT\_091\_2 1983 *Use of static or synchronous compensators in HVDC systems*
- ELT\_124\_2 1989 JWG 13/14.08 *The current commutation function of HVDC switching devices.*
- ELT\_125\_1 1989 JWG 13/14.08 *Switching devices other than circuit-breakers for HVDC systems. Part I : Current commutation switches.*
- ELT\_125\_2 1989 TF 14.01.01 *Voltage and Current Stresses on HVDC Valves*
- ELT\_135\_3 1991 JWG 13/14.08 *Switching devices other than circuit-breakers for HVDC systems. Part 2 : Disconnectors and earthing switches.*
- ELT\_135\_4 1991 WG 14.02 *First Benchmark Model for HVDC Control Studies*
- ELT\_149\_2 1993 JWG 11/14.09 *Direct Connection of Generators to HVDC Converters: Main Characteristics and Comparative Advantages*
- ELT\_149\_4 1993 JWG 14.03/36.05 *Connection of harmonics producing installations in AC high voltage networks with particular reference to HVDC. Guide for limiting harmonic voltage effects.*
- ELT\_155\_1 1994 JWG 12/14.10.01 *In-service performance of HVDC converter transformers and oil-cooled smoothing reactors.*
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- ELT\_157\_2 1994 WG 14.02 *The CIGRE HVDC Benchmark Model: A new Proposal with Revised Parameters.*
- ELT\_159\_2 1995 WG 14.03 *Connection of harmonic producing installations in AC high voltage networks with particular reference to HVDC.*
- ELT\_163\_4 1995 JWG 13/14.08 *Circuit-breakers for meshed multiterminal HVDC systems. Part 1: Introduction - DC side substation switching under normal and fault conditions.*

ELT\_164\_2 1996 JWG 13/14.08 *Circuit-breakers for meshed multi-terminal HVDC systems. Part II: Switching of transmission lines in meshed MTDC systems.*

ELT\_167\_1 1996 JWG 11/14.09 *Adjustable Speed Operation of Hydraulic Turbine Generators*

ELT\_167\_3 1996 JWG 12/14.10 *Consideration of impedance and tolerances for HVDC converter transformer.*

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ELT\_196\_4 2001 WG 14.20 *Economic assessment of HVDC links*

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ELT\_205\_5 2002 WG 14.32 *HVDC converter stations for DC voltages above +/- 600 kV*

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- ELT\_290\_3 2017 WG B4.62 *Connection of wind farms to weak AC networks*
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- ELT\_292\_1 2017 JWG A3/B4.34 *Technical requirements and specifications of state-of-the-art HVDC switching equipment*
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- ELT\_294\_3 2017 WG B4.63 *Testing and commissioning of VSC HVDC systems*
- ELT\_294\_5 2017 WG B4.58 *Control methodologies for direct voltage and power flow in a meshed HVDC Grid*
- ELT\_296\_6 2018 WG B4.60 *Designing HVDC grids for optimal reliability and availability performance*