

Publication list

SC C4 Publications in the last two years

- Technical Brochure No. 287: “Guide on Lightning Protection of MV and LV Networks, Part I: Common Topics”, December 2005. Summary article published in Electra, No. 224, pp. 46-51, February 2006.
- Technical Brochure No 290: “A.C. Corrosion on Metallic Pipelines due to Interference from A.C. Power Lines”, Electra, April 2006 together with the relevant Summary.
- Technical Brochure "Coordinated Voltage Control in Transmission Networks", by TF C4.602.
- Technical Brochure No 310: "Coordinated Voltage Control in Transmission Networks", by TF C4.602, February 2007. Summary article published in Electra, No. 230, February 2007.
- Technical Brochure No 320, “Characterisation of ELF Magnetic fields”, by Task Force C4.205, April 2007, Summary article published on Electra 231, April 2007

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SC C4 Publications in the last two years

Cont'd

- Technical Brochure No 325: “Review of On-Line Dynamic Security Assessment Tools and Techniques”, by WG C4.601. June 2007. Summary article published in Electra, No. 232, June 2007.
- Technical Brochure No 328: “Modeling and Dynamic Performance of Wind Generation as it Relates to Bulk Power System Control and Dynamic Performance”, by WG C4.601. August 2007. Summary article published in Electra, No. 233, August 2007.
- Technical Brochure No 330: “Wide-Area Monitoring and Control for Transmission Capability Enhancement”, by WG C4.601. August 2007. Summary article published in Electra, No. 233, August 2007. Summary article published in Electra, No. 233, August 2007.
- Technical brochure No 361. “Outdoor insulation in polluted conditions: Guidelines for selection and dimensioning Part 1: General principles and the a.c. case”

Publication list

Publications at the final stage (under review, being pub. or on the way to publication)

- “Insulation co-ordination related to internal insulation of gas insulated systems in Sf6 and N2/Sf6 gas mixtures under ac condition”, by WG C4.302
- “Voltage Dip Evaluation and Prediction Tools”, by WG C4.102
- "Technical Guide for Measurement of Low Frequency Electric and Magnetic Fields near Overhead Power Lines", by WG C4.203
- "Mitigation techniques of power-frequency magnetic fields originated from electric power systems", by WG C4.204
- “Lightning-induced voltages on overhead power lines. Part IV: Application of theory to the assessment of the lightning performance of distribution lines.”, by disbanded WG C4.401
- “Cloud-to-ground lightning parameters derived from lightning detection systems: The Effects of System Performance”, by WG C4.404
- “The response of grounding electrodes to lightning currents”, by WG C4.406
- “Guide for measurement of radio frequency interference from HV & MV substations” WG C4.202

Publication list

Technical reports developed by Cigré for IEC

- IEC 61000-3-6 Ed. 2.0 (2008-02) “Electromagnetic compatibility (EMC) - Part 3-6: Limits - Assessment of emission limits for the connection of distorting installations to MV, HV and EHV power systems”, ICS code: 33.100.10.
- IEC 61000-3-7 Ed. 2.0 (2008-02) “Electromagnetic compatibility (EMC) - Part 3-7: Limits - Assessment of emission limits for the connection of fluctuating installations to MV, HV and EHV power systems”, ICS code: 33.100.10
- IEC 61000-3-13 Ed. 1.0 (2008-02) “Electromagnetic compatibility (EMC) - Part 3-13: Limits - Assessment of emission limits for the connection of unbalanced installations to MV, HV and EHV power systems”, ICS code: 33.100.10.

