

Special Issue

The Hybrid AC-DC Power System Coordinated Control and Operation Technology, 2nd Edition

Message from the Guest Editors

High-voltage direct current (HVDC) technology plays an increasingly important role in modern power systems. With the number of DC converters integrated into traditional power systems, the stability mechanism of AC-DC hybrid systems becomes complex, and their control strategies face coordination problems. Based on the challenges faced in modern power systems, we encourage contributions addressing hybrid AC-DC power system coordinated control and operation technology in the broadest sense, including but not limited to the stability and control analysis for LCC-HVDC, stability and control analysis for VSC-HVDC, strategies for coordination between DC converters and AC equipment, coordination strategies between FACTS and AC-DC systems, novel control schemes for renewable power, and protection methods for DC grids and hybrid AC-DC systems.

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Electronics is a multidisciplinary journal designed to appeal to a diverse audience of research scientists, practitioners, and developers in academia and industry. The journal is devoted to fast publication of latest technological breakthroughs, cutting-edge developments, and timely reviews of current and emerging technologies related to the broad field of electronics. Experimental and theoretical results are published as regular peer-reviewed articles or as articles within Special Issues guest-edited by leading experts in selected topics of interest.

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