

Special Issue

Integration of AC/DC Microgrids into Power Grids

Message from the Guest Editor

This Special Issue aims to study the configuration, impacts, and prospects of AC/DC microgrids that enable enhanced solutions for intelligent and optimized electricity systems, energy storage systems, and demand-side management in power grids with an increasing share of distributed energy resources. It includes AC/DC microgrids modeling, simulation, control, operation, protection, dynamics, planning, reliability, security along with considering power quality improvement, load forecasting, market operations, energy conversion, cyber/physical security, supervisory and monitoring, diagnostics and prognostics systems.

Guest Editor

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Deadline for manuscript submissions

closed (28 February 2020)



Sustainability

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CiteScore 7.7



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Prof. Dr. Steve W. Lyon

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