Special Issue

Small-Signal Modeling and Stability of Power Converter Systems

Message from the Guest Editors

Recently, more and more electrical power is being processed by the power converters for integrating renewable energy and improving power efficiency. The penetration of power converters in the electrical power grids will introduce tight interaction among power converters, which deteriorates the stability operation of systems. The small-signal model of power converter systems is an effective solution to analyze and predict system stability and then to stabilize system oscillations. This Special Issue targets the small-signal modeling and stability of power converter systems. Prospective authors are invited to submit original contributions or survey papers for peer review for publication in *Energies*. Topics of interest of this Special Issue include but are not limited to following keywords.

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Energies is an international, open access journal in energy engineering and research. The journal publishes original papers, review articles, technical notes, and letters. Authors are encouraged to submit manuscripts which bridge the gaps between research, development and implementation. The journal provides a forum for information on research, innovation, and demonstration in the areas of energy conversion and conservation, the optimal use of energy resources, optimization of energy processes, mitigation of environmental pollutants, and sustainable energy systems.

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