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Real-Time Applications for Power-Systems

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Message from the Guest Editors

Literally speaking, real time applications are nothing new in electric power systems (EPS); actually, their very fundamental operating principle is based on real time adaptation of generators' governor and voltage controls to meet users' and EPS' needs.The new EPS paradigm, called either "Energievende", "decarbonisation" or "green transition" (among other terms), brings fundamental changes into the EPSs' operating principles, as well as into energy transmission and distribution philosophy.

The objective of this Special Issue is to address questions regarding real time applications in EPS, either in the field of real time EPSs' state identification (e.g. dynamic security assessment), real time adaptation of protection and control (WAMPAC), or needs for real time digital simulation for device testing or EPS operation support.

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Message from the Editor-in-Chief

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