



Sustainable Electric Power Systems: Modelling, Simulation and Analysis

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Message from the Guest Editors

Dear Colleagues,

Power system stability refers to the ability of the system's synchronous machines to remain in synchronous mode in the face of any disturbance. That is why this type of stability is also called synchronous stability. Power system stability is divided into three categories: steady-state stability, transient stability, and dynamic stability.

According to the explained cases, the aim of this chapter invitation is to study different types of these stabilities, modeling, and analysis of these systems.

This Special Issue calls for theoretical, methodological, policy, and experimental contributions on the topic of sustainable systems. The papers can include, but are not limited to, the following subjects:

- Application of soft computing in power systems stability
- Modeling of the power systems and their stability
- Analyzing different stabilities on different power systems





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Message from the Editor-in-Chief

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