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Special Issue Reprint

# Power System Dynamics and Renewable Energy Integration

**Edited by: Juri Belikov**

This reprint is a comprehensive compilation of both fundamental and applied research findings related to power system dynamics in the context of large-scale renewable energy integration. The reprint contains an analysis of the complex dynamic behavior of power systems when integrating renewable energy sources, covering a wide range of topics in the process. It particularly focuses on the many innovative technical developments that have emerged in this field and explores the various ways to achieve renewable energy integration. The covered topics include the impact of renewable energy integration on system stability, reliability, and resilience, as well as issues related to system optimization, control, and management. The reprint provides a valuable resource for researchers, practitioners, and policymakers who are interested in the challenges and opportunities associated with the integration of renewable energy sources.

