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Advances in Methods and Metrics for Power Systems, from Reliability to Resilience

Guest Editors:

Dr. Bjorn Vaagensmith
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Deadline for manuscript submissions:
closed (20 October 2021)

Message from the Guest Editors

Dear Colleagues,

This Special Issue focuses on innovative and novel interdisciplinary research for improving power grid resilience, building upon traditional reliability to advance concepts that address manmade and natural threats. The scope covers important areas, such as power system control schemes, system hardening designs, assessment methods, cyber–physical systems, cyber–physical root cause assessment and visualization, and resilience metrics for both the distribution and transmission level. General topics of interest include, but are not limited to, the following:

- Power systems resilience and reliability;
- Microgrids;
- Distribution and transmission system state awareness;
- Power systems control theory;
- Power system sensor architectures;
- Computational intelligence;
- Cyber–physical power and energy systems;
- Distributed intelligence;
- Cyber architecture;
- Data fusion.

Dr. Bjorn Vaagensmith
Dr. Craig Rieger
Guest Editors

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Message from the Editor-in-Chief

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