

Special Issue

Cybersecurity Solutions for Photovoltaic Systems, Wind Energy Sites, and Electric Vehicle Chargers

Message from the Guest Editors

Cyber threats to energy infrastructure are increasing, as are the capabilities of the adversaries to compromise critical systems. While the evolution of the power grid from centralized to distributed generation lends to resilience from natural disasters, a security by design for renewable generators is required to achieve a comprehensive resilience to threats. Therefore, please consider submitting to the Special Issue of *Energies* on “Cybersecurity Solutions for Photovoltaic Systems, Wind Energy Sites, and Electric Vehicle Chargers.” This issue is designed to showcase novel cybersecurity solutions for non-federated networks or hardware devices within the renewable energy and electric vehicle charging ecosystems. Potential topics include, but are not limited to, innovative communication architectures, trust mechanisms, public key infrastructure systems, situational awareness, data-in-flight technologies, access control, intrusion detection and anomaly detection systems, patching, device-level hardening, penetration testing, forensics, contingency operating modes, and restoration strategies.

Guest Editors

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Mr. Jay Johnson

Mr. Danish Saleem

Mr. Paul Skare

Deadline for manuscript submissions

closed (25 July 2022)



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About the Journal

Message from the Editor-in-Chief

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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