Special Issue

Cybersecurity Issues in Smart Grids and Future Power Systems—2nd Edition

Message from the Guest Editor

The demand for a smart and intelligent power system is growing in tandem with the increased interest in renewable energy sources. This has resulted in the adoption of smart grids, which are electrical systems that leverage digital communication infrastructure. Future power systems, also known as smart grids, will rely more on renewable energy sources such as solar and wind, as well as storage. Power electronic converters are used in renewable energy generation and storage. Furthermore, to respond to any signal from the system operator, these converters rely on communication protocols. As a result, cyber-attacks on these smart converters/inverters are a concern. Despite the fact that numerous cyber–physical systems (CPS) have been presented, there is no universal CPS standard that can be employed with various types of converters. Following the success of our Sensors Special Issue on "Cybersecurity Issues in Smart Grids and Future Power Systems, we would like to once again invite academics, researchers, and industry professionals from across the world to highlight their current work and define future directions.

Guest Editor

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Sensors is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. Sensors organizes Special Issues devoted to specific sensing areas and applications each year.

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