

Title: Communication in smart grid

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The goal of this document is to demonstrate the foundational dependencies of communication technology to support grid operations while highlighting the need for a systematic approach for ...

In this paper, we provide a comprehensive and up-to-date survey on the communication technologies used in the SG, including the communication requirements, physical layer technologies, network ...

Section 1.5 outlines the role of communication infrastructure in various stages of smart grid, and provides an overview of the existing communication technologies.

It reviews smart grid communication technologies, their features, relevance, and various roles being played toward delivering an effective electrical service to stakeholders. Hence, this study ...

After providing the background of the communication paradigm in SGs, a comprehensive survey of the major issues related to the architectures, the key technologies, and the requirements of ...

Explore the key aspects of Smart Grid Communication, including protocols, technologies, and benefits that enhance energy management.

Table 1 presents an overview of the communication technologies relevant to smart grids, including wireless and wired communication methods, IoT and edge computing, artificial intelligence ...

The Smart Grid can be defined as an electric system that uses information, two-way, cyber-secure communication technologies, and ...

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