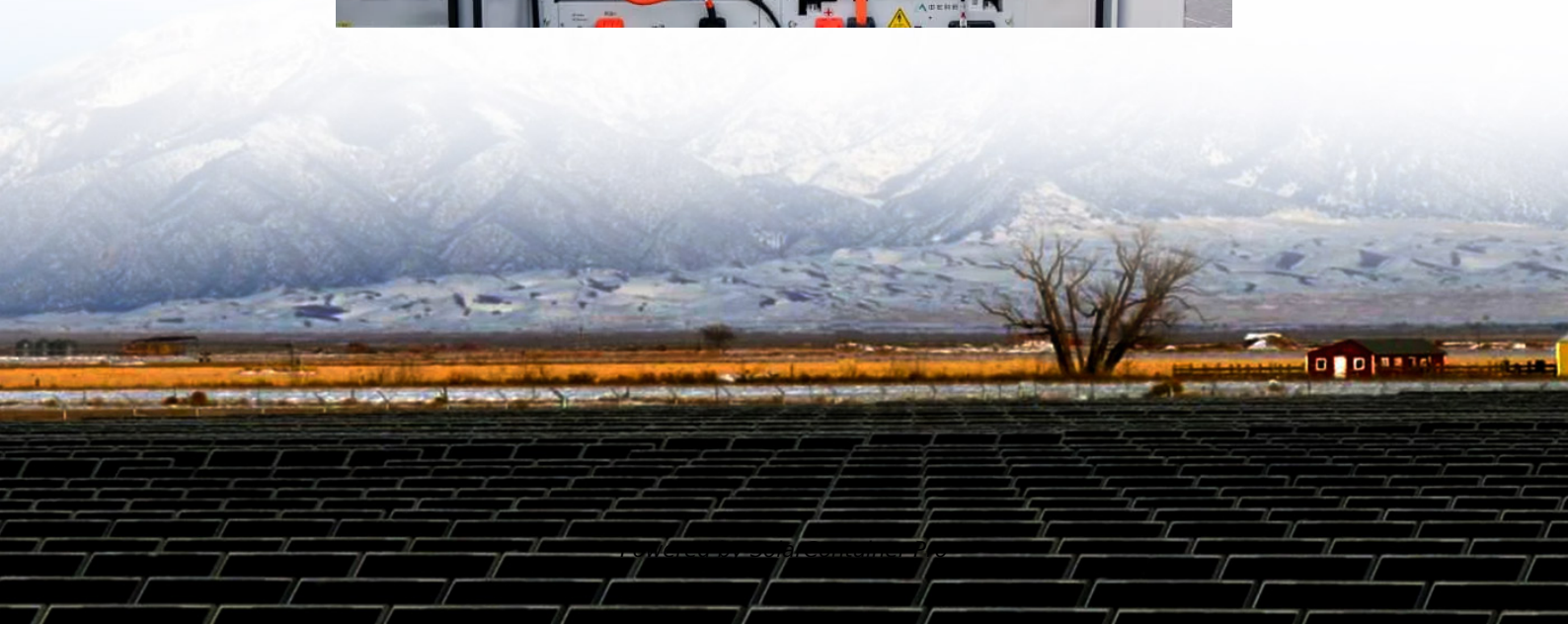


Communication Site Energy





Overview

Why are communications and electric systems important?

Both the communications and electric sectors are considered critical infrastructure vital to the operation of the Nation's economy. Human actors continue to try to exploit vulnerabilities within these systems for political or financial purposes while increasingly intense and frequent weather patterns are causing more physical damage.

What is the communication standards website?

The Communication Standards website includes all of the requirements and best practices for creating publications, exhibits, and websites for EERE.

How does telecommunication infrastructure affect communication and communication security?

The increasing dependency of electric grid operations on the telecommunication infrastructure has led to a fundamental shift in how the electric utility perceives communication and communication security. What are the challenges for obtaining secure, reliable information from highly disparate sources?

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Why do electric utilities need two-way digital communication networks?

Electric utilities expanded their deployment of two-way digital communication networks to connect these new hardware and software solutions. The reliability, speed (from microseconds to days), and geographic distribution drove communications requirements for this hardware and software.



Communication Site Energy



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Understanding and Managing Quality-of-Service in Grid ...

This whitepaper, the second deep-dive discussion, explores a series of attributes and characteristics of a network or communications system that together describe the overall ...

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The EM Site-Specific Advisory Board (EM SSAB) was created to involve stakeholders more directly in EM cleanup decisions. When



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Understanding and Managing Quality-of-Service in Grid ...

As the grid evolves and information on the grid components, their characteristics, and the ability to dispatch a variety of energy resources become increasingly important, the performance of the ...

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[Communications in the Electric Grid: An Evolving ...](#)

Are there opportunities for collaboration between energy sector stakeholders (utilities, regulators, service providers, and consumers) and the telecommunications sector (vendors, standards ...

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[Power Grid and Communications Interdependencies](#)

What are the implications of increasing dependence on third-party communications on reliable electric grid operations? Traditionally, the grid involved power flowing unidirectionally from ...

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