

Title: Site energy and digital energy

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Rising energy costs, stricter ESG regulations, the growth of renewable energy generation, and the electrification of transportation are reshaping how organizations approach energy. This ...

The Sasbach site manufactures enclosures and energy distribution systems for local and regional markets, supporting ABB's production footprint in Germany. As part of ABB's global Mission ...

From artificial intelligence (AI) to advanced manufacturing, progress now requires digital and energy infrastructure to evolve in harmony to remain reliable, affordable and trusted.

Digital Energy refers to the integration of digital technologies into energy systems to enhance their efficiency, reliability, and sustainability. It involves using data analytics, automation,...

The report examines the impact of digital technologies on energy demand sectors, looks at how energy suppliers can use digital tools to improve operations, and explores the transformational ...

Hybrid power architectures are redefining data center energy strategy. Learn how grid power, on-site generation, and renewables are combined to support AI-driven demand and reliability.

As digital tools and sector coupling enable coordinated infrastructure and empower stakeholders, integrated energy systems are driving the transition to low-carbon urban energy, writes ...

In 2025, AI demand drove data centers toward on-site power, BESS, and nuclear options, while grid delays increased. Here are the top trends that mattered.

Despite growing interest, empirical evidence and conceptual frameworks on the nexus between digitalization and energy efficiency remain limited in emerging economies. This study ...

As the digital-infrastructure sector enters a new phase of expansion fueled by AI and high-density computing,



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energy has become the defining constraint and opportunity for growth. This paper ...

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