

In this paper, we propose the redefinition of EI, based on a comprehensive literature review, some latest trends and driving forces in the global energy industry, as well as its ...

Explore where energy industry transformation is headed and what energy, resources, and industrial organizations should know.

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

The global energy transition is being shaped by two interconnected forces: digitalization and decentralization. These pillars are not only reshaping how energy is produced, managed and ...

Supported by cutting-edge innovations like the Internet of Things, vehicle-to-grid, and blockchain, Energy Internet connects diverse energy resources including solar panels, wind turbines, batteries, ...

Examining how the growth of the digital economy has affected the renewable energy transition has broad implications for the creation of national policies, business planning and design, ...

This comprehensive survey aims to offer a panoramic perspective on the Energy Internet, illustrating its conceptual intricacies and challenges, along with an exploration of how previous studies have ...

As the Fourth Industrial Revolution unfolds, the energy sector is poised to capitalize on AI, blockchain, and IoT technologies, creating opportunities for a sustainable and decentralized future.

However, is the convergence of information industries able to promote energy transition? This study constructs a quasi-natural experimental framework using China's TPR policy as a ...

In this report, we examine the importance of factoring the energy transition into digital transformation planning and the impact that a more expansive view can have on four power-critical industries: ...



Energy Transition and Industrial Internet

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