

Spain's grid modernization is not just a response to a crisis--it is a strategic reimagining of the energy system. By embracing renewable flexibility, the country is building a resilient, ...

By integrating theoretical structure with practical implementations, this chapter provides an understanding of the potential and challenges associated with integrating ML and AI in the ...

Indeed, energification can facilitate the way for fairly supplying multi-carrier energy to all consumers without considering their different conditions resulting in realizing the justice and ...

The transformation of the electric grid from a passive system to an active network is being driven by consumer demand; smart grid technologies and digitalization tools have changed the game ...

With new assets constantly added to the grid, keeping track of where and how devices connect within the system - and how they impact grid performance - has become more complicated. ...

The U.S. electric power sector is experiencing a surge in renewable energy deployment, yet the grid faces mounting pressure from skyrocketing demand and shifting federal policies. As data ...

Google's \$25 billion investment isn't just about building faster servers--it's about solving the grid's supply chain crisis. The company is targeting two vulnerabilities: 1. Transmission bottlenecks: ...

ABB's second-quarter results comfortably beat company-compiled estimates across the board. Order intake grew 14% organically to a record \$9.8 billion, driven by a \$600 million process ...

This growth reflects a surging demand for grid modernization, especially in densely populated urban centers. Smart meters alone account for 45% of the market share in 2024, emphasizing ...

The Georgia Public Service Commission's approval of Georgia Power's 2025 Integrated Resource Plan (IRP) on July 15, 2025, marks a pivotal moment for energy infrastructure investors. The ...

NEMA President and CEO Debra Phillips issued the following statement today in response to the Trump administration's release of a comprehensive strategy to ensure the U.S. achieves AI supremacy through American energy dominance, ...

Siemens' Electrification X platform is a masterstroke in grid modernization. By integrating AI, digital twins, and real-time analytics, Siemens enables utilities to predict outages, optimize asset utilization, and reduce downtime.



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Are utilities industry contractors ready for the impact of tariffs and electric grid modernization? In this #podcast episode, Nikki Chandler (Group Editorial Director at Endeavor Business Media) ...

Memphis Light, Gas and Water (MLGW) is taking a major step toward grid modernization with the deployment of a dedicated private 5G wireless network across Memphis and Shelby County in ...

Distribution company Delgaz Grid has begun the execution of the works contract for the modernization of the Combinat, Veresti, Radauti, Bârnar, Conexiuni transformer stations in Suceava county, and Izvoare and Piatra Neamt Centru ...



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