

"Policymakers ordered utilities to integrate - or at least consider - alternative and emerging technologies like energy storage, grid-enhancing technologies, and non-wires alternatives ...

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 ...

But with 2025 around the corner, the gap between ambition and execution is widening. As COP29 approaches, the next 18 months will be crucial for overcoming entrenched bottlenecks in policy, grid capacity, and capital flow. ...

Artificial intelligence (AI) has breached the control room doors. For the first time, a U.S. power grid operator is deploying AI to help streamline processes, starting with outage management. Open ...

The infrastructure sector has long been a cornerstone of economic stability, but in 2025, it's also a battleground for innovation and reinvention. As electrification, grid modernization, and ...

Kazakhstan's KEGOC reported stable grid operations in 1H2025, enabling it to advance a large-scale modernization strategy amid rising electricity demand. With ambitious investments 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 ...

The PJM grid, a linchpin of ?the Eastern Seaboard's power supply, faces multifaceted challenges, from the integration of renewable? energy sources to the ongoing need for ?grid modernization ...

The race for artificial intelligence supremacy is no longer just a contest of algorithms and datasets--it is a battle for energy infrastructure. President Donald Trump's 2025 AI Action ...

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, ...

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 U.S. electric power sector is experiencing a surge in renewable energy deployment, yet the grid faces



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mounting pressure from skyrocketing demand and shifting federal policies. As data ...

Just to take one example, by 2030 EVs are expected to constitute over 60% of global vehicle sales, placing substantial pressure on charging infrastructure and grid capacity. As Eurelectric ...

Future strategies and investments may include: ****Accelerated Grid Modernization:**** Speeding up the pace of grid modernization projects, such as undergrounding power lines and deploying ...

This webinar will familiarize participants with a vision for Grid Modernization, focusing on technological advancements beyond Smart Grid. The technological advancements include ...



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