

As urbanization intensifies and energy consumption patterns evolve, smart grids have emerged as a solution that aligns with global sustainability goals. In 2024, the Intelligent Electric Grids ...

- Eversource and National Grid announced 2025 rate hikes driven by infrastructure upgrades and climate mandates, raising energy costs for New England consumers. - Eversource's 12.1% electricity hike (14.8¢/kWh) and ...

Kyrgyzstan has experienced a record-high summer electricity consumption this year, according to Dairbek Orunbekov, head of the Presidential Administration's information policy department, ...

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 ...

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 ...

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 ...

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. ...

However, this shift highlights a critical bottleneck: while electricity demand soars, grid expansion and modernization lag far behind. Just to take one example, by 2030 EVs are expected to ...

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 ...

These regions are focusing on renewable energy integration, grid modernization, and high-speed rail projects, all of which significantly boost the demand for high voltage capacitors. North ...

Bishkek has launched an experimental nursery dedicated to cultivating hybrid poplars as part of a broader initiative to restore the city's declining green spaces. The project, spearheaded by ...

The global high-voltage on-load tap changer (OLTC) market is experiencing robust growth, driven by the increasing demand for reliable and efficient power transmission and distribution ...



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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 ...



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