

To lower expenses and environmental impacts, the integration of plug-in hybrid electric vehicles (PHEVs) into distribution networks is vital, especially in microgrid (MG) systems. Furthermore,...

APAC data centre platform Princeton Digital Group (PDG) has signed a definitive agreement with New York-based alternative investment firm Stonepeak for a US\$1.3 billion preferred equity ...

The Impact on Sustainable Development Basic construction of microgrid: The project has initially established an enterprise microgrid system, laying a solid foundation for achieving zero carbon ...

Discover what microgrid solar systems are, how they work, costs, benefits & real-world applications. Your complete 2025 guide to solar microgrids for energy independence and grid ...

This enhanced value makes microgrid investments more attractive to stakeholders, as the combined benefits of reliability and grid services can justify the initial capital expenditure. As ...

CityFibre has secured a &#163;2.3 billion (US\$3 billion) financing package to accelerate the expansion of its nationwide full fibre network, following agreements with shareholders and lenders.

Macquarie Asset Management has closed its Macquarie European Infrastructure Debt Fund (MEID) with EUR1.2 billion (US\$1.4 billion) raised. An additional EUR2.3 billion (US\$2.67 billion) was ...

In a recent interview with The Tech Capital at Digital Garden 25, Pdraig MacColgain, vice president and head of APAC at Colt DCS, shared insights into Japan's burgeoning data centre ...

China has begun building a submerged data centre off the coast of Shanghai, aiming to reduce electricity consumption and environmental impact by using seawater for cooling and offshore ...

Malaysia will introduce a data centre framework in October aimed at streamlining policies and guiding the development of the sector, according to the country's trade and digital ministries.

Six months after announcing plans to invest US\$500 billion in US AI infrastructure, the Stargate consortium, comprising Oracle, OpenAI, SoftBank, and Mubadala's MGX, has spent only a fraction of its initial pledge, raising ...

Off grid investment: New study reveals microgrid efficiency and cost benefits As power challenges impact Europe's AI data centre hotspots, adopting microgrid independent power can be a ...



## Liechtenstein microgrid benefits

After a 5-year journey, the European energy initiative TIGON has delivered real-world validation of high-voltage, hybrid microgrids that can slash energy losses, improve resilience, and ...

A microgrid is essentially a small-scale version of a traditional power grid, designed to operate either independently or in conjunction with the larger grid. This flexibility allows for a ...

It's still early days on what already feels like a long road, but the movement to create a multi-customer microgrid utility for Cuyahoga County, Ohio, moved a huge step forward earlier this ...

Microgrid Solar Systems Are More Than Backup Power: Unlike traditional backup generators, solar microgrids can operate indefinitely during outages and provide continuous economic ...

The Resilient Minneapolis Project (RMP) is a collaborative effort between the City of Minneapolis and local utilities to enhance service in low-income communities by implementing microgrid ...

JNTech is a research and development manufacturing company established in 2006 and a global leader in new energy solutions. The company was honored to be invited to participate in the ...



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