

As geopolitical instability, climate volatility and digital dependency increase, the premium on reliable, local power will only intensify. Microgrids represent a pragmatic convergence of energy ...

Ethan Howland, Microgrid Knowledge Summary The California Energy Commission has awarded Frito-Lay ... Heather Smith, Sierra Summary Humboldt County, California, is at the end of ...

In the event of a power outage on the grid, a home can draw power from its own minigrid or the larger community microgrid. With all the combinations/configurations of power sources, we are ...

Wisconsin Municipality Using Waste Gas to Power Microturbines at Sewer Plant May 19, 2025

In some cases, microgrids can sell power back to the grid during normal operations. However, microgrids are just one way to improve the energy resilience of an electric grid and they do have ...

Data center operators and other major power users are fuelling a new wave of microgrid investment as they seek access to reliable power supplies that can be developed swiftly.

The report underscores that sophisticated software is the enabling force behind the microgrid boom. Advanced controllers using artificial intelligence and real-time analytics are essential ...

Microgrids are still an underdeveloped energy strategy, according to a new report.

In this informational session, SCE and Sandia National Labs report out on their work having integrated utility infrastructure data along with SCE's Community Resilience Metric into ...

Explore the latest Microgrid developments, innovations, and analysis shaping the global energy industry, with expert reporting from POWER Magazine.

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