

Against this backdrop, the rapid growth of energy-intensive data centers presents both a serious challenge and a potential opportunity for California's electricity system.

This InvestorsObserver's research digs into historical energy pricing across all 50 states and reveals that electricity prices have climbed a lot since 1990, especially in regions hosting large ...

Explore how Schneider Electric assesses U.S. grid capacity to support data center expansion amid rising demand, energy constraints, and electrification trends.

Artificial intelligence and its growing demand for data centers are putting new pressure on California's electric grid. In San Jose, supporters see jobs and investment, while a key ratepayer ...

A promising solution is to transform data centers into grid and regional assets that offer flexible demand powered by carbon-free electricity.

California Energy Commission develops and maintains maps and spatial information on California's energy infrastructure and related activities. Explore maps, applications, and geographic datasets to ...

New data center demand throughout northern and central California means more work to connect those customers for Pacific Gas & Electric. The utility said in a news release that it now has ...

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San Jose is at the heart of Silicon Valley innovation -- and we're building the energy and infrastructure backbone to support the next generation of data centers that power cloud computing, AI, logistics, ...

A 2021 report by the U.S. Energy Information Administration on a pilot study of energy use in data centers surveyed 50 facilities and received 9 responses. Private firms maintain data sets ...

This has been a continually evolving process, as we learn more every day. The data center methodology will be improved next year.

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