

A data center is a high-tech "warehouse" for the internet.

Instead of storing physical goods, it houses thousands of powerful computers called servers that store and process almost everything you do online.



Data centers...

Power the tech we rely on

Local 911 systems, electronic banking, remote work platforms, email, video streaming services, and more are only possible because of data centers

79% of people in remote-capable jobs work hybrid or fully remote

Support small businesses

When a small business does online payments or utilizes cloud systems to ship goods to their customers, that is possible because of data centers

75% of small businesses said limited access to technology would harm operations

Keep our institutions running

To provide services, governments, hospitals, and companies depend on information storage and transmission – which rely on data centers

78% of office-based physicians use electronic health records

Enable AI innovation

When AI is used to assist in cancer detection, scientific advancements, and flood and wildfire tracking, that innovation is powered by data centers

AI fault detection can reduce energy grid outage times by **30-50%**

Over the course of 2023, the data center industry contributed

\$727B

to U.S. GDP

In the first half of 2025, the U.S. data center industry drove

92%

of all U.S. GDP growth

The benefits of data centers go beyond the tech they enable.

Economic growth

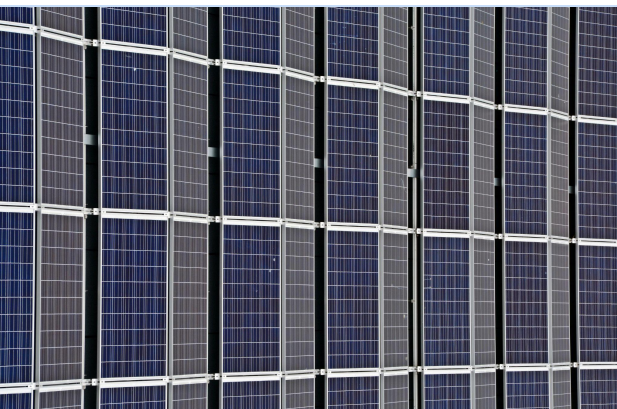
Data centers help grow the economy. A single data center can generate millions in tax revenue that often goes directly to funding local schools, fire departments, and parks. And, for every one direct data center job, six more are created in the wider community.



Affordability

Data centers can also be a critical part of the solution to energy affordability. They help distribute utilities' fixed energy costs, stabilizing rates for all customers.

Accelerated large load growth from data centers has helped PG&E cut electric rates for the fourth time in two years - an 11% reduction since 2024.



Energy capacity

As major buyers of clean and reliable energy, tech companies and their data centers catalyze new energy capacity and help make emerging projects financially viable.

Grid modernization

Data centers help modernize the grid. They often pay for their own substations and transmission upgrades, which strengthen the energy grid and make it more resilient.

CTC Global, in partnership with Google, is accelerating deployment of advanced conductors, a proven technology that can boost grid capacity and reliability.