



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, video streaming services, email, and more are only possible because of data centers

500 hours of video are uploaded to YouTube **every minute**

Support small businesses

When a small business does online payments or utilizes cloud systems to ship goods to 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 innovation

When AI is used to help detect cancer, identify ways to reduce pollution, or track floods and wildfires, that innovation is powered by data centers

Transport sector AI adoption could lead to **energy savings** equivalent to that used by **120M cars**



HANDOUT 1

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

Our Approach

With thoughtful planning, Google aims for our data centers to be part of the solution to grid modernization, energy affordability, and economic development.

We create local jobs and economic impact.

A typical Google U.S. data center adds \$688M per year in local economic activity. For every direct job at one of these data centers, nine additional jobs are created in the wider community compared to the average industry ratio of 1:6.



We make electricity grids stronger and help stabilize energy bills.

We pay our way: Google pays for 100% of the power we use and invests in new energy sources through contracts that allow us to accelerate clean energy deployment without shifting costs to local customers.

We catalyze and invest in grid improvements: We work with utilities, governments, and communities to bring new energy sources online more quickly and find ways to optimize our existing electrical grid.

We are improving our own efficiency: Our data centers are some of the most efficient in the world, as we work to do more with less and help local grids operate reliably and flexibly.

According to an Xcel Energy analysis, Google's data center agreement in Minnesota is estimated to result in \$1.1 billion in net benefits for other electricity customers over the next 15 years.

Google developed the Clean Transition Tariff, a utility rate structure where large companies pay more to fund emerging power sources needed to meet demand.



We take care of our communities.

Google funds **affordability initiatives** to lower energy costs and support local grids where we operate.

We support **training programs** for the electricians, technicians, and workers who will power the future.

We practice responsible **water stewardship** and support local replenishment projects.

Google expanded our support for skilled workers with a \$50 million commitment to help train and prepare more than 300,000 American workers for high-demand careers.