



Hermantown Data Center

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What is a Data Center?

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.

To keep these machines running 24/7, every data center needs **cooling, power, and a dedicated operations team.**

Why do data centers matter?

Data centers are the backbone of the modern digital world...

Powering the tech we rely on

Video streaming services, electronic banking, remote work platforms and more are only possible because of data centers

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

Supporting small businesses

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

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





Google has 20 years of deep data center experience.

We partner with communities to customize each data center to fit the unique characteristics of each site and community.

32

Data center locations

4

Continents



The Dalles, Oregon



Council Bluffs, Iowa



Hamina Finland (retrofitted paper mill)



Saint Ghislain, Belgium



Google's Sustainability Approach

We pay for 100% of the electricity and infrastructure our operations require and more - driving significant new clean energy and grid modernization, as well as deep investments in new technology.

Learn more:

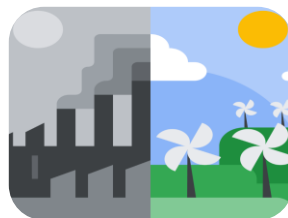
sustainability.google/operations/
google.com/datacenters



In 2007

First large company to reach carbon neutrality

High quality carbon offsets



In 2010

Google Signs First Power Purchase Agreement (PPA)

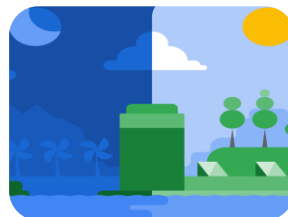
Begin buying renewable energy



Since 2017

First large company to reach 100% Renewable Energy Match

Reducing operational emissions



Our Moonshots

24/7 Carbon-Free Energy

Eliminating electricity emissions; Decarbonizing Grids

Net-Zero Emissions

Across all operations and value chain



Google's Community Impact in Nebraska: A Blueprint for Hermantown

 **ECONOMIC CATALYST**

\$4.7B+
Capital Investment to Date

\$4.4B+
Economic Impact Generated (2024)

 **COMMUNITY DEVELOPMENT**

\$1 Million+ to
50+ Local Nonprofits in 2025

4,000+
Volunteer Hours

 **WORKFORCE & DIGITAL SKILLS**

Almost 700
Jobs for Nebraskans

79K+
Trained on Digital Skills

 **LOCAL PARTNERSHIP**

- Grow with Google Collaboration (70+ Organizations)
- Metro Community College (MCC) Partnership (\$200K Donation to new campus, Internships)
- Omaha Public Library Partnership



Project Loon Hermantown

Hermantown Project Facts - Economics

Total projected net benefit to Hermantown is ~\$219,000,000

[before any inclusion of jobs, wages, energy infrastructure and broader indirect benefits]

\$130M estimated value of infrastructure

- Roads, water lines, sewer lines - Google to build and give to City

\$89M in Revenue over 28-Year Agreement Term

- \$29M new School District tax
- \$42.7M School Foundation unrestricted community betterment payments
- \$12M new City property tax revenue (from baseline of \$28k/yr on current property to \$448k/yr)
- \$4.5M City community betterment payments

Significant Jobs & Broader Economic Benefits

- 40 permanent, direct jobs with first building (\$75,000+), and 30 for each additional
- 1,500-2,000 highly paid, skilled construction jobs during the anticipated 8-10+ year buildout period
- Google averages \$688M in annual economic activity at a DC + job multiplier of 1:9

Hermantown Project Facts - Site & Power

Electricity Service Agreement - Minnesota Power

- 700MW of new clean energy resources enabled by Google + demand flexibility
- \$600-\$800M estimated ratepayer benefit (to be confirmed via public process @ PUC)
- \$5M Energy Impact Fund for weatherization and affordability investments

Site Details

- Noise: Compliant with 50 dBA Nighttime / 60 dBA Daytime (State Law per MPCA)
- Lighting: No light pollution. Fully shielded, downcast light fixtures eliminate spillover and glare. 30 foot pole height (City Code Requirement)
- Water: Used only for domestic purposes - comparable to ~30 homes per building.
- Back up Generation: “Light” at 25-49 MWs
- Site Design & Aesthetics to come - opportunity for public engagement

Future - Local Community Engagement

- Every Google DC has a dedicated team to support local engagement. These roles will be posted as we make progress on approvals and construction.

Project Timeline & Next Steps

Anticipated, if approved

Q2 2026

- Development & Tax Abatement Agreement
- AUAR Scoping & Draft
- Wetland Permitting
- Master Planning & Modeling (cont)
- AUAR Public Open House (June)

Q3-Q4 2026

- Detailed Design Kickoff
- AUAR (cont)
- Project Specific Open House (August)
- Site Planning: Land Use Applications (SUP, CIDP, Preliminary Plat, Final Plat)

Q1-Q2 2027

- Detailed Design
- WCA wetland permit, USACE wetland permit
- Separate Environmental Review (if triggered, based on Detailed Design)

Q3-Q4 2027

- Finalize Design
- Construction Permitting

A Good Deal for Hermantown

Infrastructure Financial Value

- \$600-800M in absorbed fixed utility costs
- \$5M Energy Impact Fund
- \$130M estimated value of local infrastructure

Economic & Community Value

- \$219M in local benefits for infrastructure, schools, services
- Significant new jobs: 100's permanent & 1000's construction
- Expected average of ~\$688M/yr injection in local economy

Responsible & Sustainable Presence

- Unobtrusive industrial neighbor
- Sustainable Operations
- Top Global Corporate Citizen

“

*“The direct benefit of [Google’s] data center alone is **\$124 to \$1**. So for every dollar that the community gave up they’re getting 124 back.”*

Annie Caggiano

Director of Global Business Development
South Carolina Department of Commerce

Thank you