



Google Energy & Power

Doug Lewin, Eric Schubert, and Chris
Matos | September 14, 2026

Why do data centers matter?

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

Powering the tech we rely on

Local 911 systems, electronic banking, remote work platforms, video streaming services, 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**



Why do data centers matter?

And support essential services for everyday Americans.

Keeping our institutions running

Governments, hospitals, and large corporations depend on storage and transmission of information to provide products and services – which rely on data centers

78% of office-based physicians use **electronic health records**

Enabling AI innovation

When AI aids in cancer detection, scientific discovery, flood and wildfire tracking, or product accessibility, it runs on data centers

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



32

locations for
owned and
operated
data centers

4

continents

Americas

Jackson County, Alabama
Mesa, Arizona
Lenoir, North Carolina
Lowcountry, South Carolina
Douglas County, Georgia
Fort Wayne, Indiana
Council Bluffs, Iowa

Omaha, Nebraska
Henderson, Nevada
Storey County, Nevada
Central Ohio
Mayes County, Oklahoma
The Dalles, Oregon
Montgomery County, Tennessee

Midlothian, Texas
Red Oak, Texas
Northern Virginia
Canelones, Uruguay
Quilicura, Chile

Europe

St. Ghislain, Belgium
Fredericia, Denmark
Hamina, Finland
Hanau, Germany
Dublin, Ireland
Eemshaven, Netherlands
Groningen, Netherlands
Winschoten, Netherlands

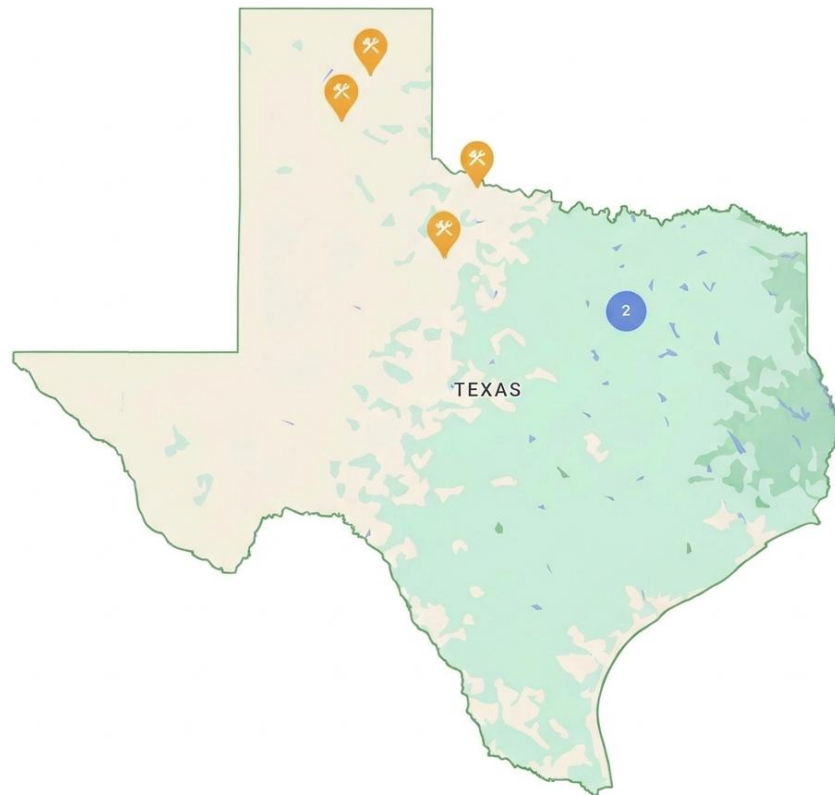
Asia

Middenmeer, Netherlands
Winschoten, Netherlands
Skien, Norway
Waltham Cross, UK
Changhua County, Taiwan
Inzai, Japan
Singapore



Google In Texas

- **2009:** Google has proudly called Texas home since 2009 with offices in Austin and Dallas. Google invested in its first data center in 2019 in Ellis County.
- **\$40 Billion:** Google capital investment in the Lone Star State through 2027 to help build new cloud and AI infrastructure across Texas.
- **\$30 Million:** Energy impact funding for low-income energy efficiency and resiliency.
- **7.8 GW:** The amount of grid-connected energy Google has contracted to support its investments to date.
- **\$50.3 Billion:** Economic activity generated on Google platforms for business, nonprofits, publishers, creators and developers



Why Texas?

1. **Restructured Markets Maximize Flexibility:** ERCOT's restructured market allows us to directly inject private investment and develop energy resources well in advance of our need.
2. **Adaptive Environment:** ERCOT is capable of interconnecting generation and new energy technologies faster than any other RTO. We need ERCOT's continued support of innovation as we scale nuclear, geothermal, DERs, demand response, and more.
3. **Commitment to Infrastructure:** The ERCOT Boards leadership on large load issues is a strong signal to Google that the state is serious about investing in 21st century infrastructure.

HOUSTON★CHRONICLE

BUSINESS // ENERGY

Google to invest \$40B in AI data centers, workforce across Texas

By **Claire Hao, James Osborne**, Staff Writers
Updated Nov '14, 2025 5:08 p.m.

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Google to build three new data centers in Texas in \$40 billion investment

The announcement by Alphabet and Google CEO Sundar Pichai is the latest multi-billion dollar investment in Texas by tech companies racing to build infrastructure that can support advanced artificial intelligence.

BY **PAUL COBLER**
NOV. 14, 2025, 6:02 P.M. CENTRAL

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Meeting the State's Policy Goals



New Generation

Expanding net-new supply:
Ensuring we bring incremental
generation onto the ERCOT
grid, improving long-term
resource adequacy.



Improving Reliability

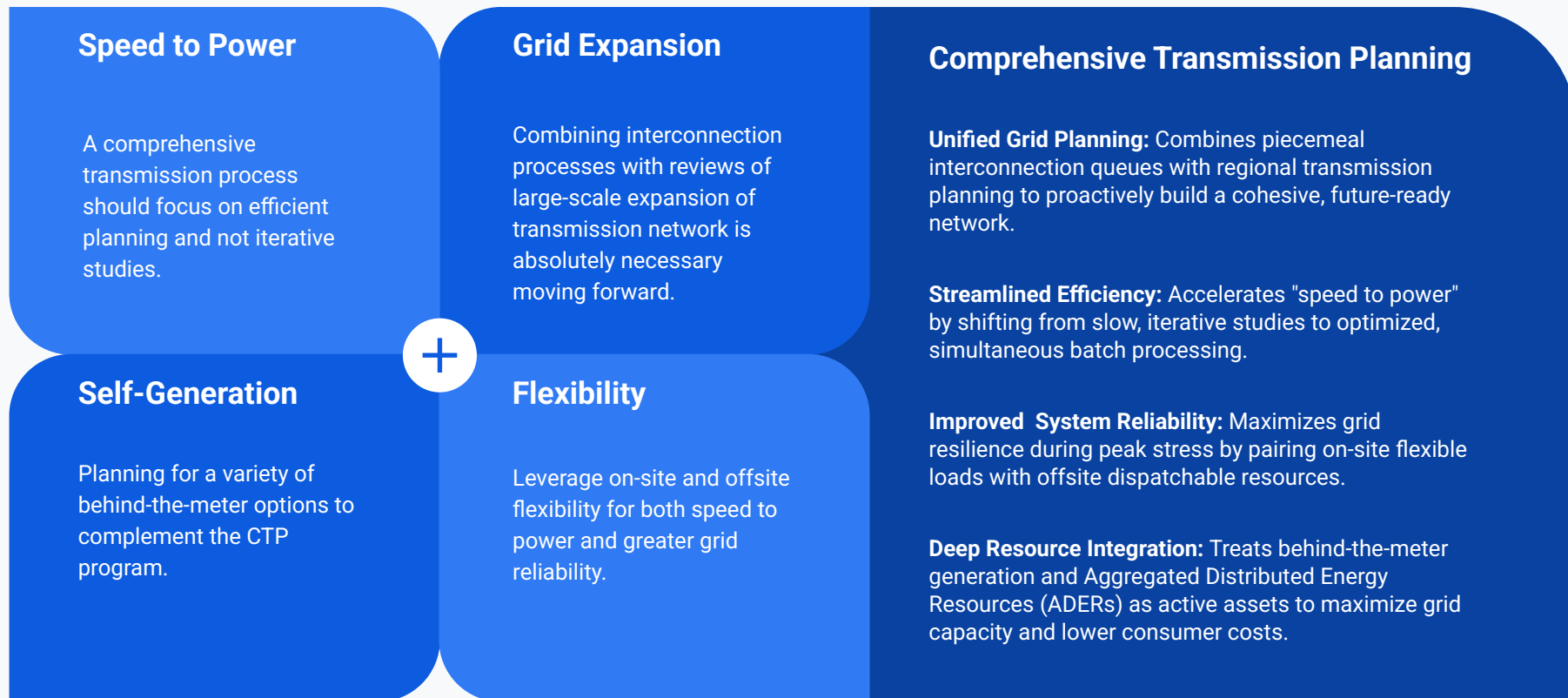
Strategically deploy co-located energy
resources and leverage demand-side
flexibility to mitigate transmission
constraints and safeguard system
stability during critical capacity
shortfalls.



Cost Responsibility

Paying 100% of costs
associated with our data
centers and mitigating much of
the cost to upgrade aging grid
infrastructure.

Large Load Goals for Comprehensive Transmission Planning



Batch 1+ Improvements

Transmission Enablement

Pivot to Enablement:

Transition the batch process from rationing existing capacity to proactively planning for system growth.

Maintain High Standards:

Retain rigorous technical hurdles while focusing on optimizing grid development rather than gatekeeping.

Adopt Advanced Energy Concepts

Standardize Flexible

Pathways: Formally recognize co-located generation and flexible demand as viable pathways to secure firm service.

Netted Networks: Utilize localized netted energy configurations as standard tools in grid planning.

Greater Transparency

Enhance Process Visibility:

Build collaborative channels that allow large loads to engage directly with ERCOT throughout the energization process.

Streamline Administration:

Improve regulatory communication and establish predictable administrative milestones.

Conclusion: Key Takeaways

Align Policy & Growth

Support Texas policy goals by bringing dispatchable generation to ERCOT, lowering overall customer costs, and absorbing grid upgrade costs.

Modernize Processes

Transition ERCOT's planning and batch processes from gatekeeping to enablement. Optimize the transmission system to scale for modern, flexible loads.

Optimize Operations

Accelerate speed-to-power through co-location, self-generation, and multi-resource energy campuses designed for reliable, least-cost operation.

Transparency

The process should provide clear timelines and enable greater communication between large loads and ERCOT where those large loads want to engage.



**Thank you.
Any questions?**