

Why Are Data Centers Being Built?

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Why Are More Data Centers Being Built?

The demand for digital services has grown rapidly over the past two decades. As more people, businesses, schools, hospitals, and government agencies rely on internet-based services, additional computing capacity is needed to support those activities.

Today's data centers support much more than websites. They provide the computing power needed for cloud storage, online communication, business operations, scientific research, artificial intelligence (AI), cybersecurity, and many other digital services used every day.

As demand for these services continues to increase, additional data centers are being planned and constructed throughout the United States and around the world.

What Is Driving This Growth?

Several factors have increased the need for additional data centers, including:

- Growth in cloud computing
- Increased use of artificial intelligence (AI)
- Online banking and financial services
- Video streaming and online entertainment
- Remote work and online education
- Medical research and healthcare technology
- Government and public safety systems
- Business data storage and cybersecurity

Many of these services operate 24 hours a day and require secure, reliable computing infrastructure.

Why Are Companies Building Data Centers in Texas?

Texas has become one of the nation's fastest-growing locations for data center development because of several factors, including:

- Available land for large-scale development
- Extensive fiber-optic communication networks
- Access to electric transmission infrastructure
- A business environment that has attracted significant technology investment
- A central geographic location that serves customers across the United States

These factors have contributed to Texas becoming one of the nation's leading locations for new data center development. At the same time, state agencies, local governments, utility providers, and communities continue to evaluate how future growth may affect electricity, water resources, transportation, and other infrastructure.

Data Centers Are Being Built Across the United States

Texas is one of many states experiencing growth in data center construction. Similar projects are being developed across the country as demand for digital services continues to increase.

Every project is different. The size, number of buildings, water use, electrical demand, employment, and overall community impacts depend on the specific design and operating requirements of each individual project. **General information about data centers is intended for educational purposes and should not be interpreted as describing any specific project, including the proposed project near Trent.**

How Does This Relate to the Proposed Project Near Trent?

This document is intended to provide general educational information about why data centers are being built throughout the United States.

It should **not** be interpreted as confirmation of the size, design, construction schedule, employment, utility requirements, or operating characteristics of the proposed project near Trent.

As verified information becomes available, the City will update the Community Information section of its website to help keep residents informed.

Sources and Additional Information

The following resources provide additional educational information about data centers and related technology. These sources are provided for residents who wish to learn more.

- **Texas Tribune** – *Hundreds of Data Centers Are Coming to Texas. Here's What You Need to Know.*
 - **Texas Tribune** – *An Unprecedented Data Center Boom Means New Challenges for Texas.*
 - **Forbes** – *What Is a Data Center and Why Are They Suddenly Everywhere?*
 - **Texas Office of the Governor** – Information Technology and Artificial Intelligence Resources
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