

Oracle Fact Sheet: Stargate Data Centers

September 23, 2025

Overview: Oracle and OpenAI Stargate Commitment

- Stargate is a \$500 billion initiative to build massive AI infrastructure across the United States.
- Today Oracle and OpenAI announced plans to open three new data centers across Shackelford County, Texas; Doña Ana County, New Mexico; and an additional site in the Midwest.
- Oracle and OpenAI also announced a potential additional expansion of 600 megawatts near the flagship Stargate site in Abilene, Texas.
- The campus in Abilene, Texas is already up and running on Oracle Cloud Infrastructure (OCI), continues to progress rapidly and is on track to provide OpenAI with the world's largest supercluster when fully built.
- OCI delivers the highest-performance and most cost-effective cloud infrastructure, which enables OpenAI to train and run models like ChatGPT.
- In July, OpenAI and Oracle entered an agreement to develop up to 4.5 gigawatts of additional Stargate capacity. The three new sites, combined with Abilene and the nearby expansion, can deliver over 5.5 gigawatts of capacity, and are expected to create over 25,000 onsite jobs, and tens of thousands of additional jobs across the U.S.
- These campuses collectively encompass more than 4,800 acres.
- Oracle is committed to recruiting and developing talent from local communities, offering internships and paid positions, as well as on-the-job training programs that will help residents of varying educational and work experience backgrounds kick off their careers in tech.
- Local community investments will improve schools, roads, water, sewer, power, and public services. Oracle will engage with the local business community to provide support and services for the new campuses, fueling each local economy.
- Oracle is committed to grid-friendly and responsible energy practices.

Abilene, Texas

- *Data Center Development Partners*
 - Crusoe
- *Size*
 - The campus features eight buildings on 1,100 acres, with up to approximately 4 million square feet. ([Source](#))
- *Job Creation*
 - There are more than 6,400 construction workers on site every day, contributing directly to the local economy. ([Source](#))
 - Ongoing, the campus and nearby expansion will provide nearly 1,700 jobs onsite, and thousands more indirect jobs.
- *Economic Impact for the Local Community*
 - The Development Corporation of Abilene (DCOA) estimates that the first two buildings of the project will generate approximately \$1 billion in direct and indirect economic impact to the City of Abilene over the next 20 years. ([Source](#))
 - The additional tax revenue investment in Abilene's future will directly benefit the people of Taylor County by boosting key emergency services, strengthening infrastructure, and keeping important County programs going to help residents. ([Source](#))
- *Energy Innovation*

- The Abilene data center connects directly to the ERCOT grid, allowing it to primarily draw from the region's robust and growing supply of renewable energy. ([Source](#))
- Advanced natural gas turbines from GE Vernova will deliver uninterrupted reliability and support grid stability. Ultimately, this plant will be used for backup power, rather than traditional, higher-emission diesel generators. ([Source](#))
- *Water Efficiency* ([Source](#))
 - The closed-loop, non-evaporative liquid cooling systems, which are designed to significantly reduce water footprint, support responsible water management.
 - The anticipated water usage for cooling system maintenance and quality purposes totals approximately 12,625 gallons per building per year. This is a remarkably low figure for a facility of this scale, representing just over 10% of the water an average American household uses annually (typically ~100,000 gallons per year [according to the EPA](#)).
- *Construction Pipeline & Estimated Delivery*
 - One of the Abilene data center buildings is already up and running.
 - OpenAI workloads went live less than a year after construction broke ground.
 - New construction continues on seven additional buildings, which are expected to be complete in mid-2026, bringing the total facility to eight buildings. ([Source](#))

Shackelford County, Texas

- *Data Center Development Partners:*
 - Vantage Data Centers, VoltaGrid
- *Size* ([Source](#))
 - The campus will be home to 10 buildings on 700 acres totaling 3.7 million square feet.
- *Energy Innovation*
 - The data centers are powered by an onsite, behind-the-meter, gas-powered microgrid utilizing Jenbacher reciprocating engines.
- *Water Usage*
 - The campus will use a highly efficient closed-loop chiller system which requires minimal water for cooling, saving billions of gallons of water annually. ([Source](#))
- *Job Creation*
 - Construction of the campus is expected to employ more than 5,000 individuals across construction and ongoing operations. ([Source](#))
 - Ongoing, the facility will provide more than 1,600 jobs onsite and thousands more indirect jobs.
- *Economic Impact for the Local Community*
 - College scholarships for Shackelford County students will be offered annually throughout the lifespan of the project.
- *Construction Pipeline & Estimated Delivery* ([Source](#))
 - Construction on the campus has already begun, with the first building scheduled for delivery in the second half of 2026.

Doña Ana County, New Mexico

- *Data Center Development Partner:*
 - STACK Infrastructure, Orion Digital Infrastructure
- *Power & Size*
 - The project will feature four buildings on 1,400 acres.
- *Energy Innovation*

- An onsite, behind-the-meter, gas-powered microgrid utilizing Siemens and GE gas turbines will power the campus independently from the local grid, ensuring there is no impact on local electric bills or supply reliability.
- The microgrid system is designed to add new electricity generation capacity for the project itself, operate with advanced controls and real-time monitoring, and comply with the state's Energy Transition Act. ([Source](#))
- *Job Creation*
 - The project will create more than 2,500 construction jobs. ([Source](#))
 - Ongoing, the facility will provide more than 1,500 jobs onsite, and thousands more indirect jobs.
- *Economic Impact for the Local Community*
 - The project is expected to bring up to \$165 billion in private investment over its lifetime and provide \$360 million in direct Payments In Lieu of Taxes to strengthen schools, roads, and essential services. ([Source](#))
 - It is anticipated that the direct investment during project construction will generate \$384.2 million in economic output to Doña Ana County annually. Operation of the initial data center is forecasted to provide \$113 million in direct economic output to Doña Ana County, on an annual basis. ([Source](#))
- *Water Efficiency* ([Source](#))
 - \$50 million has been committed to strengthen drinking water and wastewater systems across Doña Ana County, and an additional \$6.9 million has been committed to community investment funds, including advancing shovel-ready projects within New Mexico.
 - The campus will operate with a closed-loop cooling system that requires only a one-time fill and then continuously recirculates water. The project will also fully fund any water and sewer improvements needed for its own operations, distinct from the broader community investment.
- *Construction Pipeline & Estimated Delivery*
 - County commissioners just approved an industrial revenue bond to move the project forward. We will have an update on timing and deliverables soon.