

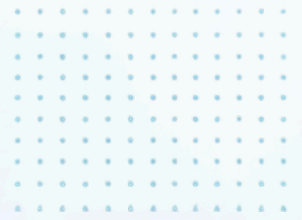
Stay Informed: Texas Data Centers Community Impact



Julie Honeycutt
August 6, 2026



Resource for Nationwide Data Center Reporting



ERIN BROCKOVICH **AI DATA CENTERS ACROSS** **THE US**



Resource for Texas Data Center Reporting

CLAYTON TUCKER



How many Data Centers are there?

**ANSWER: WE DON'T
ACTUALLY KNOW.**
THERE'S AN ESTIMATED 4K-5,400K
DATA CENTERS IN THE NATION.

- TRACKERS ESTIMATE 4,200 ACTIVE CENTERS.
- PEW RESEARCH CENTER SUGGESTS 3,000 ARE OPERATIONAL.
- MAPS ESTIMATE OVER 4,700
- ELECTRIC AND POWER ANALYTICS SUGGEST 4,500 ACTIVE FACILITIES.

WHY CAN'T WE AGREE ON HOW MANY THERE EVEN ARE?

- SOME LIST AS ONE UNIT OR IF MULTIPLE BUILDINGS AS SEPARATE UNITS
- MANY TECH COMPANIES USE LLCs TO KEEP IT A SECRET OR FOR LOCAL AIR QUALITY EXEMPTIONS... (THAT'S TROUBLING.)
- MANY ARE ACTIVELY UNDER CONSTRUCTION

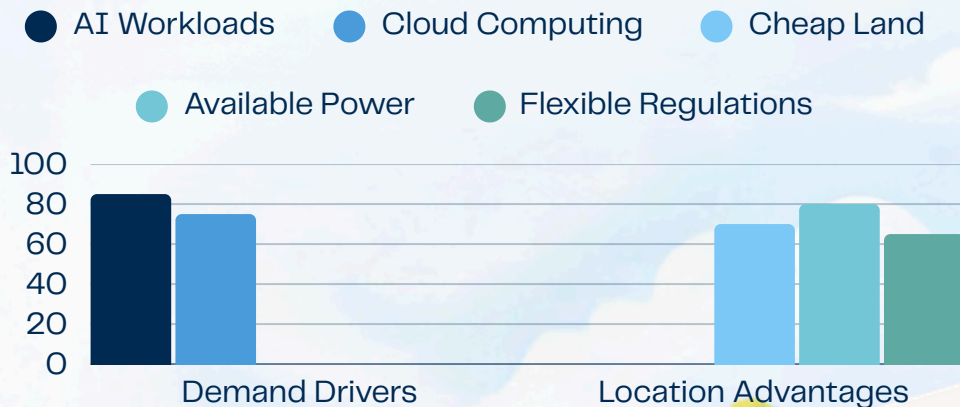


How many Data Centers are there in Texas?

ACCORDING TO HOUSTON PUBLIC MEDIA, TEXAS HAS ABOUT **335 ACTIVE** OR OPERATIONAL DATA CENTERS, WITH ANOTHER **248 PROJECTS PLANNED** OR UNDER DEVELOPMENT ACROSS THE STATE. TRACKING DATABASES PUT THE TOTAL NUMBER OF EXISTING, CONSTRUCTION, AND PLANNED FACILITIES NEAR **NEARLY 600**.



Growth factors



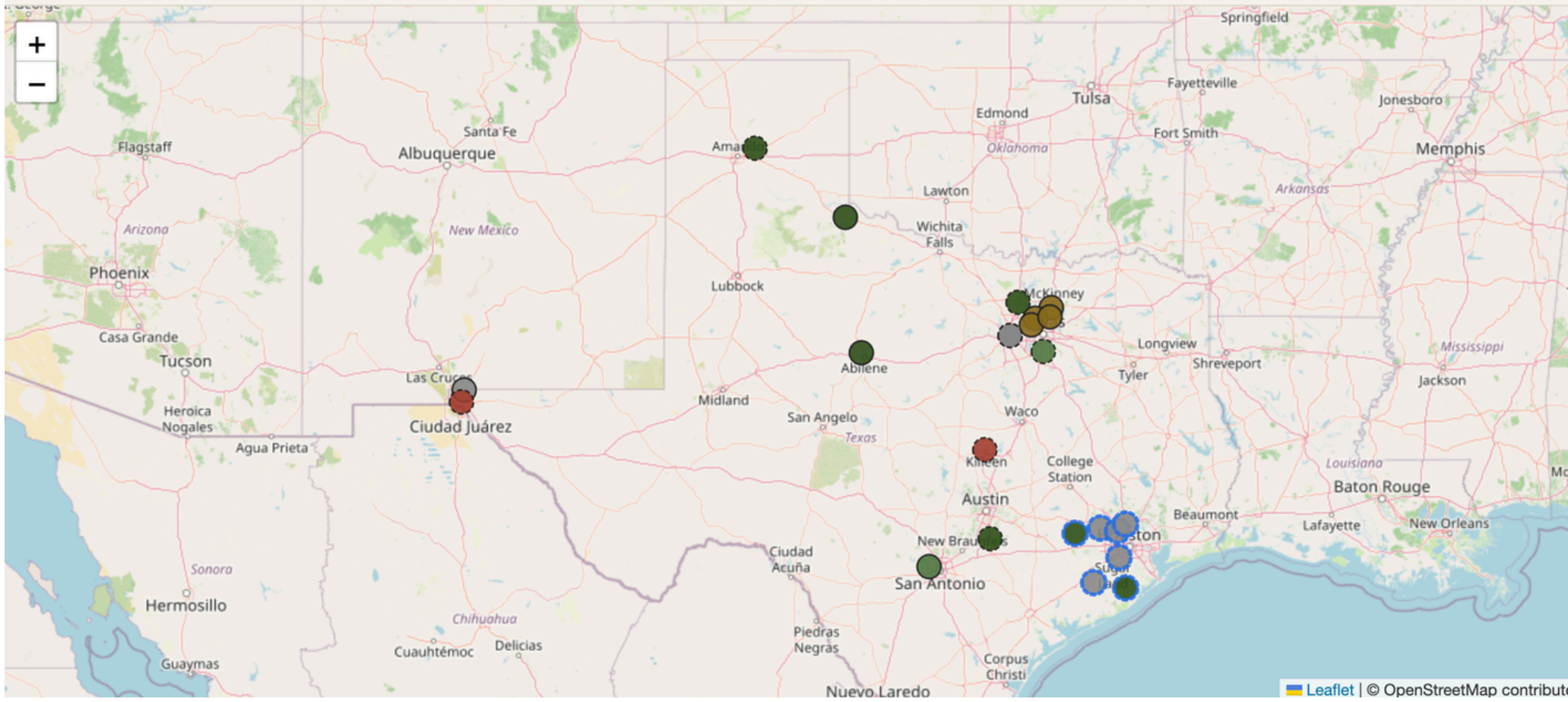
Source: AI-generated data.



Texas AI Data Centers — Research Map

25 facilities compiled from independent research (news reporting, Texas Comptroller Chapter 312 registry, city government pages, industry trackers) — cross-referenced with the Government Funding, Water Consumption, Power Consumption, National Defense Relevance, and Primary Workload Function workbooks. Click a marker for details. Solid-ring markers are operational or under active construction; dashed-ring markers are announced/permited but not yet built. Blue-outlined markers are Houston-area projects. This is a sourced starter set, not an exhaustive census (Texas Tribune counts 248+ data center projects statewide).

● Training ● Mass-scale serving ● Enterprise colocation ● DoD / defense-hosted ● Unknown / unconfirmed ⬭ Not yet built (dashed ring) ○ Houston-area project (blue ring)



Because the information is not widely known, complete, exhaustive, or readily accessible highlights the necessity for further government intervention and disclosure.

How many Texas Data Centers are Government Funded?

Texas AI Data Centers -- Government Funding Tracker

Categories: DOD Direct / Federal-Hosted · Incentives-Grants-Abatements-PILOT · Applied, Not Yet Received · Privately Funded (No Known Grant) · Unknown. Generated August 04, 2026.

Facility	Facility Name	Operator / Owner	City	County	Status	Houston, TX -- Not Built?	Funding Category	Funding Detail	Estimated Value	Confidence Level	Source
DC-TX-0001	Stargate I (Lancium Clean Campus / Crusoe Abilene Campus)	Crusoe Energy Systems (developer/operator); Oracle (cloud ops for OpenAI); land via Lancium	Abilene	Taylor / Jones	Under Construction (partially operational)	No	Incentives / Grants / Abatements / PILOT	85% local property tax abatement from the Abilene Development Corporation (Chapter 312-type local reinvestment zone deal) in exchange for a \$3.5B investment commitment and ~357 jobs. Oracle (sub-	85% abatement; \$3.5B investment commitment	Confirmed by multiple news sources	Business Insider (via AOL), Apr 2026: https://www.aol.com/oracle-got-big-tax-breaks-090001667.html Lone Star Left, Apr 21, 2026: https://www.lonestarleft.com/plablene-is-paying-
DC-TX-0002	Meta El Paso Data Center ("Worldwide LLC")	Meta Platforms, Inc.	El Paso	El Paso	Under Construction	No	Incentives / Grants / Abatements / PILOT	Chapter 380 Economic Development Program Agreement approved Dec 2023: 80% city property-tax rebate (35 yrs total across phases; Phase 1 = 15 yrs), matching county abatement, plus a \$12.5M city grant for road infrastructure	80% abatement, 25-35 yrs; \$12.5M infra grant; ~\$110M-\$550M+ total	Confirmed by government records	City of El Paso official page: https://www.elpasotexas.gov/data-centers/ El Paso Matters, Oct 2025: https://elpasomatters.org/2025/10/15/meta-el-paso-
DC-TX-0003	Microsoft Westover Hills Data Center (original)	Microsoft Corporation	San Antonio	Bexar	Operational (opened 2008)	No	Incentives / Grants / Abatements / PILOT	City council approved a 10-year property tax abatement in 2007 in exchange for a commitment to create 75 full-time jobs (reportedly including ~20 security-guard positions).	10-year property tax abatement	Confirmed by multiple news sources	San Antonio Current, Sep 2024: https://www.sacurrent.com/news/san-antonio-endless-incentives-for-microsoft-help-explain-our-lagging-economic-development-28174692/
DC-TX-0004	Microsoft San Antonio Expansion (~\$250M)	Microsoft Corporation	San Antonio	Bexar	Under Construction / Announced	No	Incentives / Grants / Abatements / PILOT	Chapter 380 tax reimbursement agreement: 15 years at a minimum of 40% of city property taxes on the \$250M real/personal property investment.	40% property-tax reimbursement, 15 yrs	Confirmed by multiple news sources	Data Center Knowledge, 2024: https://www.datacenterknowledge.com/hyperscalers/microsoft-lines-up-incentives-for-250-million-san-antonio-expansion
DC-TX-0005	Fort Bliss Army AI Data Center	The Carlyle Group (developer, conditionally selected by U.S. Army)	Fort Bliss (El Paso)	El Paso	Proposed / Conditionally Awarded (pending final negotiation)	No	DOD Direct / Federal Government-Hosted	U.S. Army conditionally selected Carlyle to finance, build, operate, maintain and eventually decommission a hyperscale data center on ~1,394 acres of Army land at Fort Bliss -- the Pentagon's first-ever hyperscale data center	~\$2B estimated project cost; conditional Army land-lease award	Confirmed by multiple news sources	Task & Purpose, Apr 7, 2026: https://taskandpurpose.com/news/data-centers-army-bases/ Truthout, May 11, 2026: https://truthout.org/articles/wall-street-is-pairing-up-
DC-TX-0006	Fort Hood (Fort Cavazos) Army Data Center	TBD -- U.S. Army contracting request stage, no developer awarded	Killeen	Bell / Coryell	Proposed -- RFP issued, not yet awarded	No	Applied for Government Funding -- Not Yet Received	Army contracting documents show Fort Hood (207 acres offered) under active consideration for a hyperscale data center alongside Fort Bragg, NC. As of the most recent reporting, no developer had been selected and no award had	RFP/solicitation stage -- no award yet	Confirmed by multiple news sources	Task & Purpose, Apr 7, 2026: https://taskandpurpose.com/news/data-centers-army-bases/ Introl blog, Jan 14, 2026: https://introl.com/blog/dod-military-base-ai-data-
DC-TX-0007	Compass Datacenters -- DFW (Reinvestment Zone #33)	Compass Datacenters DFW LLC	Allen	Collin	Operational / Active abatement	No	Incentives / Grants / Abatements / PILOT	Active Chapter 312 property tax abatement on file with the Texas Comptroller: executed 2016-11-15, effective 2018-01-01, expires 2027-12-31. Filer marked 'Other Tax Incentives: Y' but left grants/loans/job-training fields as 'No Response'	Chapter 312 abatement, active through 2027	Confirmed by government records	Texas Comptroller Ch. 312 Abatement Registry: https://comptroller.texas.gov/economy/development/search-tools/ch312/abatements-details.php?id=000003699
DC-TX-0008	Lancium Clean Campus -- Childress	Lancium	Childress	Childress	Operational	No	Privately Funded -- No Government Grant Confirmed	No public record of a local property tax abatement or state grant specific to this facility was found in this research pass. Company has instead framed its water strategy (aquifer access purchase, water give-back pledge) as a private	No incentive identified in current research	Unknown / not publicly disclosed	Inside Climate News, Apr 13, 2026: https://insideclimatenews.org/news/10042026/texas-data-center-developers-play-offense-on-water-claiming-huge-cuts-in-usage/
DC-TX-0009	Core Scientific / CoreWeave Denton Data Center	Core Scientific (developer/owner); CoreWeave (anchor tenant, ~70MW leased)	Denton	Denton	Under Construction	No	Privately Funded -- No Government Grant Confirmed	No Chapter 312/380 abatement or state grant specific to this site was located in this research pass. Financing (~\$6.1B) appears to be private capital plus tenant lease revenue (CoreWeave).	No incentive identified in current research	Estimated from permits/industry trackers	Aggregated public filings/trade press via glenklockwood.com : https://www.glenklockwood.com/garden/ai-datacenters
DC-TX-0010	CyrusOne -- Carrollton / Allen Campus	CyrusOne (owned by funds managed by KKR & BlackRock)	Carrollton / Allen	Dallas / Collin	Operational / Expanding	No	Unknown / Not Yet Verified	Facility-specific Chapter 312/380 abatement not confirmed in this research pass (statewide sales-tax exemption for qualifying data centers may still apply, per Texas Comptroller rules, but that is a generic program, not a	Not confirmed	Unknown / not publicly disclosed	Bear Claw Land Clearing, TX Data Center Map: https://bearclawclearing.com/resources/texas-data-center-map
DC-TX-0011	Google Data Center -- Midlothian	Google LLC / Alphabet Inc.	Midlothian	Ellis	Under Construction	No	Unknown / Not Yet Verified	No facility-specific abatement record located in this research pass. Recommend checking the Ellis County / City of Midlothian Chapter 312 abatement filings directly.	Not confirmed	Unknown / not publicly disclosed	Bear Claw Land Clearing, TX Data Center Map: https://bearclawclearing.com/resources/texas-data-center-map
DC-TX-0012	QTS Data Centers -- Irving / Grand Prairie	QTS Realty Trust (owned by Blackstone)	Irving / Grand Prairie	Dallas	Operational / Expanding	No	Unknown / Not Yet Verified	No facility-specific abatement record located in this research pass.	Not confirmed	Unknown / not publicly disclosed	Bear Claw Land Clearing, TX Data Center Map: https://bearclawclearing.com/resources/texas-data-center-map

How many Texas Data Centers are Government Funded (p.2)?

Texas AI Data Centers -- Government Funding Tracker

Categories: DOD Direct / Federal-Hosted / Incentives-Grants-Abate-ments-PILOT / Applied, Not Yet Received / Privately Funded (No Known Grant) / Unknown. Generated August 04, 2026.

Facility	Facility Name	Operator / Owner	City	County	Status	Houston, TX -- Not Built?	Funding Category	Funding Detail	Estimated Value	Confidence Level	Source
DC-TX-0013	Aligned Data Centers -- Plano	Aligned Data Centers	Plano	Collin	Operational / Expanding	No	Unknown / Not Yet Verified	No facility-specific abatement record located in this research pass.	Not confirmed	Unknown / not publicly disclosed	Bear Claw Land Clearing, TX Data Center Map: https://bearclawclearing.com/resources/texas-data-center-map
DC-TX-0014	AWS "Project Eagle"	Amazon Web Services (Amazon Data Services, Inc.)	Boling	Wharton	Not Yet Built -- Permitted, construction starts Aug 1, 2026	Yes	Unknown / Not Yet Verified	No facility-specific incentive/abatement disclosed as of filing with the Texas Department of Licensing and Regulation (TDLR); AWS has separately received Chapter 313/380-style incentives at other TX sites historically, but nothing facility-specific.	Not confirmed	Unknown / not publicly disclosed	Data Center Dynamics / Jupiter Island Capital coverage of AWS Project Eagle filing.
DC-TX-0015	CleanSpark Brazoria County Campus	CleanSpark, Inc.	Brazoria County (unincorporated)	Brazoria	Not Yet Built -- Land/power agreement signed, closing ~Q1 2026	Yes	Unknown / Not Yet Verified	No facility-specific tax abatement disclosed; agreement covers land and a transmission-line extension, not a public incentive package.	Not confirmed	Unknown / not publicly disclosed	CleanSpark PRNewswire release / Yahoo Finance coverage, Brazoria County deal.
DC-TX-0016	CleanSpark Austin County Campus	CleanSpark, Inc.	Austin County (unincorporated)	Austin	Not Yet Built -- Land acquired, 285MW capacity approved	Yes	Unknown / Not Yet Verified	No facility-specific tax abatement disclosed in this research pass.	Not confirmed	Unknown / not publicly disclosed	Yahoo Finance / Barchart coverage, CleanSpark Austin County deal, Oct 2025.
DC-TX-0017	Serverfarm "HTX2"	Serverfarm (owned by Manulife)	Hockley	Harris	Not Yet Built (per filing) -- Build window ~Jul 2025-Jul 2026	Yes	Unknown / Not Yet Verified	No facility-specific abatement disclosed in TDLR filing coverage.	Not confirmed	Unknown / not publicly disclosed	Data Center Dynamics coverage of Serverfarm Hockley (HTX2) filing.
DC-TX-0018	Serverfarm "CTX2" (Cullen Road)	Serverfarm (owned by Manulife)	Houston	Harris	Not Yet Built (per filing) -- Build window ~Jul 2025-Jul 2026	Yes	Unknown / Not Yet Verified	No facility-specific abatement disclosed in TDLR filing coverage.	Not confirmed	Unknown / not publicly disclosed	Data Center Dynamics coverage of Serverfarm Cullen Road (CTX2) filing.
DC-TX-0019	TRG Datacenters "HOU2"	TRG Datacenters	Spring	Harris	Under Construction -- Broke ground Nov 14, 2025; Phase 1 targeted Q4 2026	Yes	Unknown / Not Yet Verified	No facility-specific abatement disclosed in groundbreaking coverage.	Not confirmed	Unknown / not publicly disclosed	Data Center Magazine / BusinessWire coverage of TRG HOU2 groundbreaking, Nov 2025.
DC-TX-0020	Missouri City Speculative Zoning (no named project)	TBD -- no developer named	Missouri City	Fort Bend	Speculative -- zoning approved May 2026, no project filed yet	Yes (no developer/project named yet)	Applied for Government Funding -- Not Yet Received	No specific developer or project has applied for funding yet; the city passed zoning changes anticipating future data-center interest as Fort Bend County's population grows.	N/A -- zoning only, no project or funding application filed	Confirmed by multiple news sources	Houston Public Media / local Missouri City zoning coverage, May 2026.
DC-TX-0021	Tract Caldwell County Data Center Park	Tract	Caldwell County (unincorporated, between Austin & San Antonio)	Caldwell	Not Yet Built -- Land acquisition complete May 7, 2025; ~18-month utility/community	No	Unknown / Not Yet Verified	No facility-specific state or county incentive disclosed in this research pass; land acquisition and utility engagement are described as company-led.	Not confirmed	Estimated from permits/industry trackers	Blackridge Research industry report on Tract Caldwell County Data Center Park.
DC-TX-0022	Fermi America HyperGrid Campus / "Project Matador" (Advanced Energy and Intelligence Campus)	Fermi America (co-founded by Rick Perry & Griffin Perry), with Texas Tech University System	Near Amarillo, adjacent to the DOE Pantex Plant	Carson / Potter area (Texas Panhandle)	Under Construction (early phase) -- geotechnical work & first turbines delivered; 1 GW targeted online late 2026.	No	Unknown / Not Yet Verified	Uses Texas Tech University System land via an agreement, and reporting references a Trump administration executive order directing DOE to designate certain AI data center sites for expedited federal permitting --	Not confirmed -- land-use agreement with a public university system; financing structure undisclosed	Confirmed by multiple news sources	Data Center Dynamics, May 7, 2026; Amarillo Tribune, 'Just facts: Fermi America and Project Matador.'
DC-TX-0023	CyrusOne Fort Worth (with Eolian)	CyrusOne, in partnership with Eolian	Fort Worth	Tarrant	Not Yet Built -- announced early 2026, substation/transmission planning underway	No	Unknown / Not Yet Verified	No facility-specific abatement disclosed as of announcement; project is focused on private transmission/substation infrastructure with Eolian.	Not confirmed	Unknown / not publicly disclosed	Fort Worth Report, Jul 16, 2026.
DC-TX-0024	Black Mountain Fort Worth Data Center	Black Mountain (energy conglomerate)	Fort Worth	Tarrant	Not Yet Built -- zoning approved Apr 2026, site plan under city council review (stalled)	No	Unknown / Not Yet Verified	No facility-specific abatement disclosed; zoning approval is not itself a tax incentive. City council has requested more site-plan detail before proceeding.	Not confirmed	Unknown / not publicly disclosed	Fort Worth Report, Jul 16, 2026.

How many Texas Data Centers are Government Funded (p.3)?

Texas AI Data Centers -- Government Funding Tracker												
Categories: DOD Direct / Federal-Hosted / Incentives-Grants-Abate-ments-PILOT / Applied, Not Yet Received / Privately Funded (No Known Grant) / Unknown. Generated August 04, 2026.												
Facility	Facility Name	Operator / Owner	City	Count	Status	Houston, TX -- Not Built?	Funding Category	Funding Detail	Estimated Value	Confidence Level	Source	Notes (editable)
DC-TX-0025	ACS Fort Worth Data Center	ACS	Fort Worth	Tarrant	Not Yet Built -- early-stage plans, very limited public detail	No	Unknown / Not Yet Verified	Very limited public detail located; no incentive information available.	Not confirmed	Unknown / not publicly disclosed	Fort Worth Report, Jul 16, 2026 (brief mention only).	
Statewide context (not facility-specific): Statewide context: Texas exempts qualifying data center equipment/electricity from state sales & use tax (10-15 yr terms) and allows local governments to grant Chapter 312 property tax abatements (up to 10 yrs) and Chapter 380/381 economic development agreements. The Texas Comptroller's office projected the state sales-tax exemption alone will cost \$3.2B in forgone revenue over the next two years, making it one of the state's costliest incentive programs. Chapter 313 (the older school-district abatement program) was allowed to expire and is closed to new data-center applicants. Source: Texas Tribune, Apr 8, 2026, https://www.texastribune.org/2026/04/08/texas-data-centers-sales-tax-break-billion-dollars/ ; San Antonio Report, Apr 12, 2026, https://sanantonioreport.org/texas-data-centers-1b-tax-breaks-incentives/												

Every data center should have to disclose if the owner or LLC has received tax abatements, direct or indirect government funding, contributed to campaign donations, and/or participated in PILOT. This information is not readily available.

How many Data Centers are there in Houston?

THE GREATER HOUSTON AREA FEATURES BETWEEN **55 AND 59 OPERATIONAL DATA CENTERS** SPREAD ACROSS THE METROPLEX. THIS FOOTPRINT EXPANDS SIGNIFICANTLY WHEN FACTORING IN MAJOR SUBURBAN HUBS LIKE KATY, THE WOODLANDS, AND SPRING. DUE TO THE RAPID EXPANSION OF AI INFRASTRUCTURE IN TEXAS, THE LOCAL MARKET CAPACITY IS ON TRACK TO MORE THAN DOUBLE OVER THE NEXT FEW YEARS. [1, 2, 3, 4, 5]



Houston Market Breakdown

The core Houston market houses approximately 51+ facilities



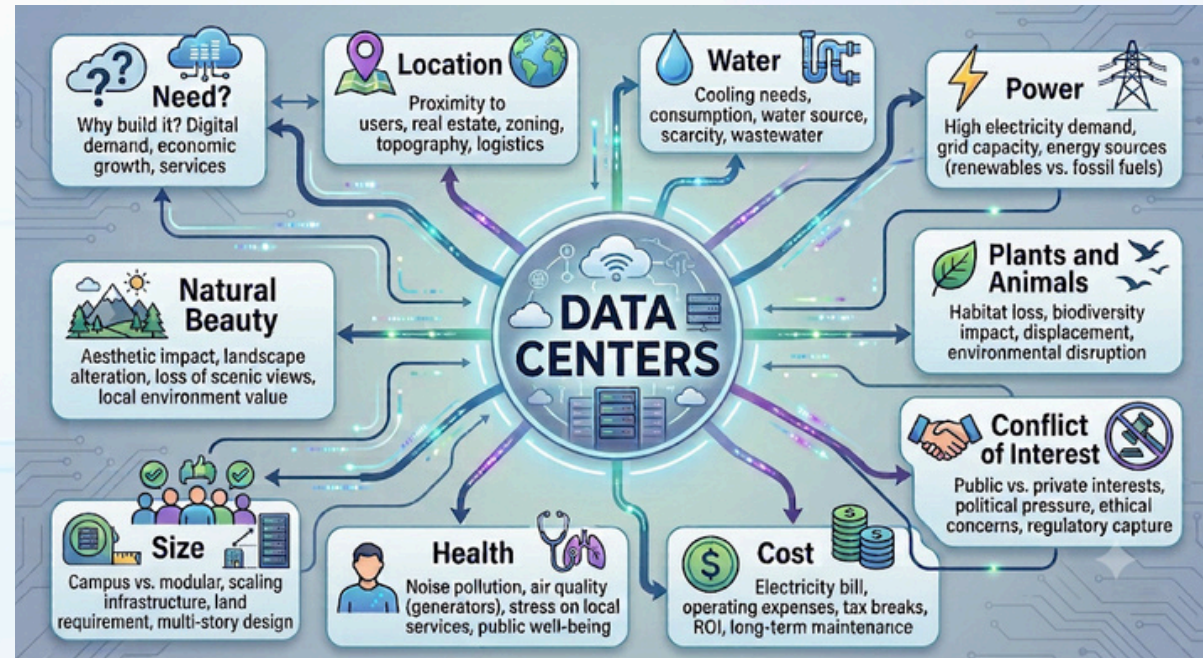
Developers can secure 100-acre land parcels adjacent to major energy corporate headquarters, making Katy and the western suburbs ideal for large-scale data center footprints. Prominent hubs include Element Critical Houston One on Franz Road, along with sites managed by DataBank and Skybox.

Do we need Data Centers?

ANSWER:

THE DOD MAY NEED SOME FOR NATIONAL DEFENSE AND WE MAY NEED SOME OTHERS FOR THE REASONS LISTED BELOW. HOWEVER, WE MAY NOT NEED THE ESTIMATED \$4K-5.4K DATA CENTER BUILDS

ACCORDING TO SNUC, WE NEED DATA CENTERS FOR THE FOLLOWING REASONS:



1. TRAINING HUGE MODELS WITH BILLIONS OF PARAMETERS
2. HANDLING MILLIONS OF SIMULTANEOUS USER REQUESTS (LIKE GLOBAL SEARCH ENGINES OR RECOMMENDATION SYSTEMS)
3. ANALYZING PETABYTES OF DATA FOR BIG ENTERPRISE USE CASES

How many Texas Data Centers are performing 1, 2, or 3 of the Primary Workload Functions necessary?

Texas AI Data Centers -- Primary Workload Function

Categories: Large-Model Training · Mass-Scale Serving · Enterprise/Petabyte-Scale Analytics (colocation) · Defense-Hosted · Unknown. Generated August 05, 2026.

Facility	Facility Name	Operator / Owner	City	Houston, TX -- Not Built?	Primary Workload Function	Detail / Reasoning	Essential to Function	Could Be Eliminated / Most Fungible?	Confidence Level	Source
DC-TX-0001	Stargate I (Lancium Clean Campus / Crusoe Abilene Campus)	Crusoe Energy Systems (developer/owner); Oracle (cloud ops for OpenAI); land via Lancium	Abilene	No	Large-Model Training (billions of parameters -- dense GPU/accelerator clusters)	Purpose-built GPU training campus -- Nvidia GB200/Blackwell clusters deployed specifically for OpenAI model training. Clearest confirmed training-workload site in this dataset.	Yes -- essential to frontier-scale training	No -- least fungible facility in the set; purpose-built, no easy substitute here	Confirmed by multiple news sources	Epoch AI, Apr 17, 2026: https://epoch.ai/publications/openai-stargate-where-the-us-sites-stand
DC-TX-0009	Core Scientific / CoreWeave Denton Data Center	Core Scientific (developer/owner); CoreWeave (anchor tenant, ~70MW leased)	Denton	No	Large-Model Training (billions of parameters -- dense GPU/accelerator clusters)	CoreWeave (anchor tenant, ~70MW leased) is a GPU-cloud specialist whose core business is renting AI training/inference compute. Workload inferred from tenant's business model, not confirmed directly.	Likely -- inferred from tenant's core business	Partially -- GPU capacity is in high demand, but this specific site is not uniquely irreplaceable	Estimated from permits/industry trackers	glenrickwood.com aggregation: https://www.glenrickwood.com/garden/ai-datacenters
DC-TX-0008	Lancium Clean Campus -- Childress	Lancium	Childress	No	Large-Model Training (billions of parameters -- dense GPU/accelerator clusters)	Lancium's business model is purpose-built compute campuses for AI/HPC tenants, but tenant identity and workload type at this specific Childress site were not confirmed in research.	Unknown -- plausible but unconfirmed	Unknown	Unknown / not publicly disclosed	Inside Climate News, Apr 13, 2026: https://insideclimatenews.org/news/10042026/texas-data-center-developers-play-offense-on-water-claiming-huge-cuts-in-usage/
DC-TX-0011	Google Data Center -- Midlothian	Google LLC / Alphabet Inc.	Midlothian	No	Mass-Scale Serving (millions of simultaneous requests -- search/recommendation)	Operator Google's core business is Search/YouTube/Ads serving at massive request scale -- most plausible fit for mass-scale serving in this dataset, though not confirmed for this specific campus.	Likely -- inferred from operator's core business	Partially -- Google operates many redundant global regions, so no single site is irreplaceable	Estimated from permits/industry trackers	Bear Claw Land Clearing TX Data Center Map: https://bearclawclearing.com/resources/texas-data-center-map
DC-TX-0003	Microsoft Westover Hills Data Center (original)	Microsoft Corporation	San Antonio	No	Mass-Scale Serving (millions of simultaneous requests -- search/recommendation)	Operator Microsoft runs Azure/Bing/M365 serving infrastructure; no public confirmation this specific 2008-era building handles high-GPS consumer serving versus enterprise/back-office workloads.	Unknown -- plausible but unconfirmed	Yes -- oldest, smallest, least AI-specialized facility in the set; most replaceable from a frontier-AI standpoint	Estimated from permits/industry trackers	San Antonio Current, Sep 2024: https://www.sacurrent.com/news/san-antonios-endless-incentives-for-microsoft-help-explain-our-lagging-economic-development-26174692/
DC-TX-0004	Microsoft San Antonio Expansion (~\$250M)	Microsoft Corporation	San Antonio	No	Mass-Scale Serving (millions of simultaneous requests -- search/recommendation)	Same vendor-level reasoning as DC-TX-0003; newer/larger expansion, workload type not publicly confirmed.	Unknown -- plausible but unconfirmed	Partially -- more likely to matter for regional capacity than the older building, but still not uniquely critical	Estimated from permits/industry trackers	Data Center Knowledge, 2024: https://www.datacenterknowledge.com/hyperscalers/microsoft-lines-up-incentives-for-250-million-san-antonio-expansion
DC-TX-0002	Meta El Paso Data Center ("Worldwide LLC")	Meta Platforms, Inc.	El Paso	No	Mass-Scale Serving (millions of simultaneous requests -- search/recommendation) and/or Large-Model Training (billions of parameters -- dense GPU/accelerator clusters)	Meta's infrastructure spans both AI model training (Llama) and feed/recommendation serving (Instagram/Facebook). No public detail ties this specific El Paso campus to one role over the other.	Unknown -- could plausibly serve either function	Unknown	Unknown / not publicly disclosed	El Paso Matters, Oct 2025: https://elpasomatters.org/2025/10/15/meta-el-paso-texas-data-center-water-electricity-borderplex-alliance/
DC-TX-0010	CyrusOne -- Carrollton / Allen Campus	CyrusOne (owned by funds managed by KKR & BlackRock)	Carrollton / Allen	No	Enterprise / Petabyte-Scale Analytics (multi-tenant colocation)	Multi-tenant wholesale colocation provider (CyrusOne); value proposition is hosting varied enterprise/analytcs workloads for many customers. Tenant identities/workload types not public.	Unknown -- structural inference only	Yes -- generic colocation capacity; tenants could largely relocate to other DFW colo providers	Unknown / not publicly disclosed	Bear Claw Land Clearing TX Data Center Map: https://bearclawclearing.com/resources/texas-data-center-map
DC-TX-0012	QTS Data Centers -- Irving / Grand Prairie	QTS Realty Trust (owned by Blackstone)	Irving / Grand Prairie	No	Enterprise / Petabyte-Scale Analytics (multi-tenant colocation)	Multi-tenant wholesale colocation provider (QTS/Blackstone); same structural reasoning as other colocation sites.	Unknown -- structural inference only	Yes -- generic colocation capacity, most fungible in the set	Unknown / not publicly disclosed	Bear Claw Land Clearing TX Data Center Map: https://bearclawclearing.com/resources/texas-data-center-map

How many Texas Data Centers are performing 1, 2, or 3 of the Primary Workload Functions necessary (p.2)?

Texas AI Data Centers -- Primary Workload Function

Categories: Large-Model Training · Mass-Scale Serving · Enterprise/Petabyte-Scale Analytics (colocation) · Defense-Hosted · Unknown. Generated August 05, 2026.

Facility	Facility Name	Operator / Owner	City	Houston, TX -- Not Built?	Primary Workload Function	Detail / Reasoning	Essential to Function	Could Be Eliminated / Most Fungible?	Confidence Level	Source
DC-TX-0013	Aligned Data Centers -- Plano	Aligned Data Centers	Plano	No	Enterprise / Petabyte-Scale Analytics (multi-tenant colocation)	Multi-tenant wholesale colocation provider (Aligned Data Centers); same structural reasoning as other colocation sites.	Unknown -- structural inference only	Yes -- generic colocation capacity, most fungible in the set	Unknown / not publicly disclosed	Bear Claw Land Clearing TX Data Center Map: https://bearclawclearing.com/resources/texas-data-center-map
DC-TX-0007	Compass Datacenters -- DFW (Reinvestment Zone #33)	Compass Datacenters DFW LLC	Allen	No	Enterprise / Petabyte-Scale Analytics (multi-tenant colocation)	Chapter 312 filing identifies this as a Compass Datacenters wholesale colocation site; tenant workloads not disclosed in the state filing.	Unknown -- structural inference only	Yes -- generic colocation capacity, most fungible in the set	Unknown / not publicly disclosed	Texas Comptroller Ch. 312 Abatement Registry: https://comptroller.texas.gov/economy/development/search-tools/ch312/abatements-details.php?id=000003699
DC-TX-0005	Fort Bliss Army AI Data Center	The Carlyle Group (developer; conditionally selected by U.S. Army)	Fort Bliss (El Paso)	No	Defense-Hosted (not classified by commercial workload type)	Built directly on Army land at Fort Bliss for DoD use; commercial workload classification (training/serving/analysis) does not apply in the same way as public cloud infrastructure.	Yes -- essential to its defense mission, but not comparable to commercial AI training/serving categories	No -- purpose-built for DoD hosting; no substitute in this dataset	Confirmed by multiple news sources	Task & Purpose, Apr 7, 2026: https://taskandpurpose.com/news/data-centers-army-bases/
DC-TX-0006	Fort Hood (Fort Cavazos) Army Data Center	TBD -- U.S. Army contracting request stage, no developer awarded	Killeen	No	Defense-Hosted (not classified by commercial workload type)	Proposed on-base Army data center at Fort Hood; not yet awarded, so no workload classification is possible yet.	Unknown -- not yet built/awarded	Unknown -- not yet built/awarded	Confirmed by multiple news sources	Task & Purpose, Apr 7, 2026: https://taskandpurpose.com/news/data-centers-army-bases/
DC-TX-0014	AWS "Project Eagle"	Amazon Web Services (Amazon Data Services, Inc.)	Boling	Yes	Unknown / Not Publicly Disclosed	AWS general-purpose cloud region capacity (Project Eagle); workload split between AI training, serving, and enterprise/analysis is standard AWS practice but not disclosed for this specific site.	Unknown	Unknown -- large hyperscale investment, but AWS operates many redundant regions	Unknown / not publicly disclosed	Data Center Dynamics coverage of AWS Project Eagle TDLR filing.
DC-TX-0015	CleanSpark Brazoria County Campus	CleanSpark, Inc.	Brazoria County (unincorporated)	Yes	Large-Model Training (billions of parameters -- dense GPU/accelerator clusters)	CleanSpark's core business is Bitcoin mining infrastructure pivoting toward AI/HPC hosting; likely GPU-hosting role, but tenant/workload not yet confirmed for this specific site.	Unknown -- plausible but unconfirmed	Unknown	Unknown / not publicly disclosed	CleanSpark PRNewsWire release / Yahoo Finance coverage, Brazoria County deal.
DC-TX-0016	CleanSpark Austin County Campus	CleanSpark, Inc.	Austin County (unincorporated)	Yes	Large-Model Training (billions of parameters -- dense GPU/accelerator clusters)	Same reasoning as DC-TX-0015 (CleanSpark AI/HPC hosting pivot); tenant/workload not yet confirmed.	Unknown -- plausible but unconfirmed	Unknown	Unknown / not publicly disclosed	Yahoo Finance / Barchart coverage, CleanSpark Austin County deal, Oct 2025.
DC-TX-0017	Serverfarm "HTX2"	Serverfarm (owned by Manulife)	Hockley	Yes	Unknown / Not Publicly Disclosed	Serverfarm is a colocation/managed-services operator; likely enterprise colocation role, but specific tenant workloads not disclosed.	Unknown	Likely -- colocation capacity is generally fungible	Estimated from permits/industry trackers	Data Center Dynamics coverage of Serverfarm Hockley (HTX2) filing.
DC-TX-0018	Serverfarm "CTX2" (Cullen Road)	Serverfarm (owned by Manulife)	Houston	Yes	Unknown / Not Publicly Disclosed	Same reasoning as DC-TX-0017 (Serverfarm colocation); specific tenant workloads not disclosed.	Unknown	Likely -- colocation capacity is generally fungible	Estimated from permits/industry trackers	Data Center Dynamics coverage of Serverfarm Cullen Road (CTX2) filing.

How many Texas Data Centers are performing 1, 2, or 3 of the Primary Workload Functions necessary (p.3)?

Facility	Facility Name	Operator / Owner	City	Houston, TX -- Not Yet Built?	Primary Workload Function	Detail / Reasoning	Essential to Function	Could Be Eliminated / Most Fungible?	Confidence Level	Source
DC-TX-0019	TRG Datacenters "HOU2"	TRG Datacenters	Spring	Yes	Unknown / Not Publicly Disclosed	TRG Datacenters markets itself as a flexible colocation/cloud provider; specific tenant workloads for HOU2 not disclosed.	Unknown	Likely -- colocation capacity is generally fungible	Estimated from permits/industry trackers	Data Centre Magazine / BusinessWire coverage of TRG HOU2 groundbreaking, Nov 2025.
DC-TX-0020	Missouri City Speculative Zoning (no named project)	TBD -- no developer named	Missouri City	Yes (no developer/project named yet)	Unknown / Not Publicly Disclosed	No project or developer named yet; workload classification not possible.	Unknown -- not yet built/awarded	Unknown -- not yet built/awarded	Unknown / not publicly disclosed	Houston Public Media / local Missouri City zoning coverage, May 2026.
DC-TX-0021	Tract Caldwell County Data Center Park	Tract	Caldwell County (unincorporated, between Austin & San Antonio)	No	Large-Model Training (billions of parameters -- dense GPU/accelerator clusters)	Tract specializes in developing large-scale technology parks explicitly for hyperscale/AI tenants; specific tenant identity for Caldwell County not yet disclosed.	Unknown -- plausible but unconfirmed	Unknown	Estimated from permits/industry trackers	Blackridge Research industry report on Tract Caldwell County Data Center Park.
DC-TX-0022	Fermi America HyperGrid Campus / "Project Matador" (Advanced Energy and Intelligence Campus)	Fermi America (co-founded by Rick Perry & Griffin Perry), with Texas Tech University System	Near Amarillo, adjacent to the DOE Pantex Plant	No	Large-Model Training (billions of parameters -- dense GPU/accelerator clusters)	Fermi America's HyperGrid campus is explicitly positioned to supply power to hyperscaler AI training/compute tenants (end users not yet named); the company itself is an energy developer, not a compute operator, so classification here concerns the eventual data-center tenants leasing power from the site.	Likely significant if built at scale -- among the largest planned power/compute campuses in the dataset	No -- if completed as planned, this would be one of the least fungible sites in the dataset given its scale and dedicated power infrastructure	Estimated from permits/industry trackers	Data Center Dynamics, May 7, 2026; Fermi America company site.
DC-TX-0023	CyrusOne Fort Worth (with Edlian)	CyrusOne, in partnership with Edlian	Fort Worth	No	Unknown / Not Publicly Disclosed	CyrusOne is generally a colocation/wholesale operator; specific tenant workloads for this Fort Worth site not disclosed.	Unknown	Likely -- colocation capacity is generally fungible	Unknown / not publicly disclosed	Fort Worth Report, Jul 16, 2026.
DC-TX-0024	Black Mountain Fort Worth Data Center	Black Mountain (energy conglomerate)	Fort Worth	No	Unknown / Not Publicly Disclosed	Very limited public detail on Black Mountain's intended tenant/workload mix; project is still at the zoning/site-plan stage.	Unknown	Unknown	Unknown / not publicly disclosed	Fort Worth Report, Jul 16, 2026.
DC-TX-0025	ACS Fort Worth Data Center	ACS	Fort Worth	No	Unknown / Not Publicly Disclosed	Very limited public detail located on ACS's Fort Worth plans.	Unknown	Unknown	Unknown / not publicly disclosed	Fort Worth Report, Jul 16, 2026 (brief mention only).

How many Texas Data Centers may be necessary for National Defense?

Texas AI Data Centers -- National Defense Relevance

Categories: Direct (on-base / built for DoD) - Vendor-Level (operator has separate DoD cloud contracts) - None identified. Generated August 04, 2026.

Facility	Facility Name	Operator / Owner	City	Count	Status	Houston, TX -- Not Built?	Defense Relevance	Detail	Confidence Level	Source
DC-TX-0005	Fort Bliss Army AI Data Center	The Carlyle Group (developer; conditionally selected by U.S. Army)	Fort Bliss (El Paso)	El Paso	Proposed / Conditionally Awarded (pending final negotiation)	No	Direct -- On-base / built for DoD use	Built directly on U.S. Army land at Fort Bliss for Army/DoD use. Reported as the Pentagon's first-ever hyperscale data center. Army conditionally selected Carlyle to finance, build, operate, maintain and eventually decommission the facility.	Confirmed by multiple news sources	Task & Purpose, Apr 7, 2026: https://taskandpurpose.com/news/data-centers-army-bases/ Truthout, May 11, 2026: https://truthout.org/articles/wall-street-is-pairing-up-with-the-army-to-build-data-centers/
DC-TX-0006	Fort Hood (Fort Cavazos) Army Data Center	TBD -- U.S. Army contracting request stage, no developer awarded	Killeen	Bell / Coryell	Proposed -- RFP issued, not yet awarded	No	Direct -- On-base / built for DoD use	Proposed on-base Army data center at Fort Hood (Fort Cavazos); RFP/solicitation stage, no developer awarded yet. Same defense-hosting model as Fort Bliss, earlier stage.	Confirmed by multiple news sources	Task & Purpose, Apr 7, 2026: https://taskandpurpose.com/news/data-centers-army-bases/ Introl blog, Jan 14, 2026: https://introl.com/blog/dod-military-base-ai-data-centers-2026
DC-TX-0001	Stargate I (Lancium Clean Campus / Crusoe Abilene Campus)	Crusoe Energy Systems (developer/operator); Oracle (cloud ops for OpenAI); land via Lancium	Abilene	Taylor / Jones	Under Construction (partially operational)	No	Vendor-Level -- Operator holds separate DoD cloud contracts (no evidence this site runs defense workloads)	Co-developer/operator Oracle holds its own DoD cloud contracts (including a share of the Joint Warfighting Cloud Capability, JWCC). No evidence found that this specific Abilene campus itself runs defense or classified workloads -- hyperscalers typically isolate government/classified workloads	Estimated from permits/industry trackers	Public JWCC contract award reporting (general); no facility-specific defense-workload documentation located for this site.
DC-TX-0003	Microsoft Westover Hills Data Center (original)	Microsoft Corporation	San Antonio	Bexar	Operational (opened 2008)	No	Vendor-Level -- Operator holds separate DoD cloud contracts (no evidence this site runs defense workloads)	Operator Microsoft holds a JWCC award and runs Azure Government workloads elsewhere. No evidence ties this specific San Antonio building to defense use; commercial and government Azure regions are generally kept physically/logically separate.	Estimated from permits/industry trackers	Public JWCC contract award reporting (general); no facility-specific defense-workload documentation located for this site.
DC-TX-0004	Microsoft San Antonio Expansion (~\$250M)	Microsoft Corporation	San Antonio	Bexar	Under Construction / Announced	No	Vendor-Level -- Operator holds separate DoD cloud contracts (no evidence this site runs defense workloads)	Same vendor-level note as DC-TX-0003 (Microsoft/Azure Government); no facility-specific defense-workload evidence found for this expansion site.	Estimated from permits/industry trackers	Public JWCC contract award reporting (general); no facility-specific defense-workload documentation located for this site.
DC-TX-0011	Google Data Center -- Midlothian	Google LLC / Alphabet Inc.	Midlothian	Ellis	Under Construction	No	Vendor-Level -- Operator holds separate DoD cloud contracts (no evidence this site runs defense workloads)	Operator Google is a JWCC awardee. No evidence found that this specific Midlothian site runs defense workloads.	Estimated from permits/industry trackers	Public JWCC contract award reporting (general); no facility-specific defense-workload documentation located for this site.
DC-TX-0002	Meta El Paso Data Center ("Worldwide LLC")	Meta Platforms, Inc.	El Paso	El Paso	Under Construction	No	None identified	No defense ties identified in research.	Unknown / not publicly disclosed	No facility-specific defense link located.
DC-TX-0007	Compass Datacenters -- DFW (Reinvestment Zone #33)	Compass Datacenters DFW LLC	Allen	Collin	Operational / Active abatement	No	None identified	No defense ties identified in research.	Unknown / not publicly disclosed	No facility-specific defense link located.
DC-TX-0008	Lancium Clean Campus -- Childress	Lancium	Childress	Childress	Operational	No	None identified	No defense ties identified in research.	Unknown / not publicly disclosed	No facility-specific defense link located.

How many Texas Data Centers may be necessary for National Defense (p.2)?

Texas AI Data Centers -- National Defense Relevance

Categories: Direct (on-base / built for DoD) - Vendor-Level (operator has separate DoD cloud contracts) - None identified. Generated August 04, 2026.

Facility	Facility Name	Operator / Owner	City	Count	Status	Houston, TX -- Not Built?	Defense Relevance	Detail	Confidence Level	Source
DC-TX-0011	Google Data Center -- Midlothian	Google LLC / Alphabet Inc.	Midlothian	Ellis	Under Construction	No	Vendor-Level -- Operator holds separate DoD cloud contracts (no evidence this site runs defense workloads)	Operator Google is a JWCC awardee. No evidence found that this specific Midlothian site runs defense workloads.	Estimated from permits/industry trackers	Public JWCC contract award reporting (general); no facility-specific defense-workload documentation located for this site.
DC-TX-0002	Meta El Paso Data Center ("Worldwide LLC")	Meta Platforms, Inc.	El Paso	El Paso	Under Construction	No	None identified	No defense ties identified in research.	Unknown / not publicly disclosed	No facility-specific defense link located.
DC-TX-0007	Compass Datacenters -- DFW (Reinvestment Zone #33)	Compass Datacenters DFW LLC	Allen	Collin	Operational / Active abatement	No	None identified	No defense ties identified in research.	Unknown / not publicly disclosed	No facility-specific defense link located.
DC-TX-0008	Lancium Clean Campus -- Childress	Lancium	Childress	Childress	Operational	No	None identified	No defense ties identified in research.	Unknown / not publicly disclosed	No facility-specific defense link located.
DC-TX-0009	Core Scientific / CoreWeave Denton Data Center	Core Scientific (developer/owner); CoreWeave (anchor tenant, ~70MW leased)	Denton	Denton	Under Construction	No	None identified	No defense ties identified in research.	Unknown / not publicly disclosed	No facility-specific defense link located.
DC-TX-0010	CyrusOne -- Carrollton / Allen Campus	CyrusOne (owned by funds managed by KKR & BlackRock)	Carrollton / Allen	Dallas / Collin	Operational / Expanding	No	None identified	No defense ties identified in research.	Unknown / not publicly disclosed	No facility-specific defense link located.
DC-TX-0012	QTS Data Centers -- Irving / Grand Prairie	QTS Realty Trust (owned by Blackstone)	Irving / Grand Prairie	Dallas	Operational / Expanding	No	None identified	No defense ties identified in research.	Unknown / not publicly disclosed	No facility-specific defense link located.
DC-TX-0013	Aligned Data Centers -- Plano	Aligned Data Centers	Plano	Collin	Operational / Expanding	No	None identified	No defense ties identified in research.	Unknown / not publicly disclosed	No facility-specific defense link located.
DC-TX-0014	AWS "Project Eagle"	Amazon Web Services (Amazon Data Services, Inc.)	Boling	Wharton	Not Yet Built -- Permitted, construction starts Aug 1, 2026	Yes	None identified	AWS Project Eagle is a general commercial cloud region expansion; no defense-specific ties identified for this site. (AWS separately holds its own DoD cloud contracts elsewhere -- a vendor-level, not facility-level, consideration.)	Unknown / not publicly disclosed	No facility-specific defense link located.
DC-TX-0015	CleanSpark Brazoria County Campus	CleanSpark, Inc.	Brazoria County (unincorporated)	Brazoria	Not Yet Built -- Land/power agreement signed, closing ~Q1 2026	Yes	None identified	No defense ties identified in research.	Unknown / not publicly disclosed	No facility-specific defense link located.

How many Texas Data Centers may be necessary for National Defense (p.3)?

Texas AI Data Centers -- National Defense Relevance

Categories: Direct (on-base / built for DoD) - Vendor-Level (operator has separate DoD cloud contracts) - None identified. Generated August 04, 2026.

Facility	Facility Name	Operator / Owner	City	Count	Status	Houston, TX -- Not Yet Built?	Defense Relevance	Detail	Confidence Level	Source
DC-TX-0016	CleanSpark Austin County Campus	CleanSpark, Inc.	Austin County (unincorporated)	Austin	Not Yet Built -- Land acquired, 285MW capacity approved	Yes	None identified	No defense ties identified in research.	Unknown / not publicly disclosed	No facility-specific defense link located.
DC-TX-0017	Serverfarm "HTX2"	Serverfarm (owned by Manulife)	Hockley	Harris	Not Yet Built (per filing) -- Build window ~Jul 2025-Jul 2026	Yes	None identified	No defense ties identified in research.	Unknown / not publicly disclosed	No facility-specific defense link located.
DC-TX-0018	Serverfarm "CTX2" (Cutten Road)	Serverfarm (owned by Manulife)	Houston	Harris	Not Yet Built (per filing) -- Build window ~Jul 2025-Jul 2026	Yes	None identified	No defense ties identified in research.	Unknown / not publicly disclosed	No facility-specific defense link located.
DC-TX-0019	TRG Datacenters "HOU2"	TRG Datacenters	Spring	Harris	Under Construction -- Broke ground Nov 14, 2025; Phase 1 targeted Q4 2026	Yes	None identified	No defense ties identified in research.	Unknown / not publicly disclosed	No facility-specific defense link located.
DC-TX-0020	Missouri City Speculative Zoning (no named project)	TBD -- no developer named	Missouri City	Fort Bend	Speculative -- zoning approved May 2026, no project filed yet	Yes (no developer/project named yet)	None identified	No defense ties identified in research; no named project exists yet.	Unknown / not publicly disclosed	No facility-specific defense link located.
DC-TX-0021	Tract Caldwell County Data Center Park	Tract	Caldwell County (unincorporated, between Austin & San Antonio)	Caldwell	Not Yet Built -- Land acquisition complete May 7, 2025; ~18-month utility/community engagement underway	No	None identified	No defense ties identified in research.	Unknown / not publicly disclosed	No facility-specific defense link located.
DC-TX-0022	Fermi America HyperGrid Campus / "Project Matador" (Advanced Energy and Intelligence Campus)	Fermi America (co-founded by Rick Perry & Griffin Perry), with Texas Tech University System	Near Amarillo, adjacent to the DOE Pantex Plant	Carson / Potter area (Texas Panhandle)	Under Construction (early phase) -- geotechnical work & first turbines delivered; 1 GW targeted online late 2026, full ~11-17GW	No	Vendor-Level -- Operator holds separate DoD cloud contracts (no evidence this site runs defense workloads)	Fermi America's HyperGrid campus ("Project Matador") is framed by its founders and federal officials as strategically important to U.S. AI/energy competitiveness versus China, and sits on land connected to the Texas Tech University System near the DOE's Pantex nuclear weapons plant -- but it is a	Estimated from permits/industry trackers	Data Center Dynamics, May 7, 2026; Amarillo Tribune, 'Just facts: Fermi America and Project Matador,' Nov 5, 2025.
DC-TX-0023	CyrusOne Fort Worth (with Eolian)	CyrusOne, in partnership with Eolian	Fort Worth	Tarrant	Not Yet Built -- announced early 2026, substation/transmission planning underway	No	None identified	No defense ties identified in research.	Unknown / not publicly disclosed	No facility-specific defense link located.
DC-TX-0024	Black Mountain Fort Worth Data Center	Black Mountain (energy conglomerate)	Fort Worth	Tarrant	Not Yet Built -- zoning approved Apr 2026, site plan under city council review (stalled)	No	None identified	No defense ties identified in research.	Unknown / not publicly disclosed	No facility-specific defense link located.
DC-TX-0025	ACS Fort Worth Data Center	ACS	Fort Worth	Tarrant	Not Yet Built -- early-stage plans, very limited public detail	No	None identified	No defense ties identified in research.	Unknown / not publicly disclosed	No facility-specific defense link located.

Why hasn't there been a Community Proximity Index conducted prior to these builds?

Context

An impact assessment framework is an evaluative tool used to measure the local environmental, infrastructural, and economic consequences that a large data center facility might bring to a neighborhood. Further investigation by the **EPA** may alleviate some of these concerns.

Policy Concerns

Policy action, moratoriums, secrecy, and reassessment are concerns that could be addressed by leadership. Conducting a Community Proximity Index is a step towards government oversight and public transparency.

Local Observations

Policy action: Groups of state and federal leaders have pushed for cost-allocation rules so developers pay for their own energy generation. [1]

Moratoriums: Due to rapid, unmanaged growth, dozens of local towns and several states have enacted temporary construction pauses.

Secrecy: Critics object to the use of **Non-Disclosure Agreements** (NDAs) in economic development deals, pushing for more public transparency. There is also growing objection to erecting this builds without a vote or consent of the constituents.

Reassessment: As construction costs rise and public opinion sours, lawmakers are reconsidering these tax breaks because facilities often bring fewer permanent jobs than promised. Some report losing jobs to A.I.



Water & Power

Water

Cooling large servers requires millions of gallons of water annually, which can deplete local water reserves. States are introducing stricter reporting and permitting rules. [1, 2, 3, 4]

Consumption: Doug Sevey, of Iowa, has built data centers without water. He claims some tech companies do not want to go this route because of the expense. However, what expense is it to the American people's natural resources? This strain on watersheds is of particular concern in drought-prone regions.

Pollution: Do data centers contribute PFAs (forever chemicals) pollution through their cooling systems?

Power

Massive energy needs for artificial intelligence (AI) infrastructure threaten grid reliability and can prolong reliance on fossil fuel plants. [1, 2, 3]

Grid Strain & Cost: Governor Abbott ordered a pause until PUC and ERCOT can evaluate the grid's interconnectedness. However, there is still a growing concern over possible rolling blackouts and the cost of power. Artificial intelligence (AI) and cloud computing require dense racks of servers that consume vastly more power than traditional data centers. [1, 2] Texans want to know how high their electricity bills might be and if this cost will be passed on to the community rather than the Data Center owners.

Air Pollution: Relying on local backup or on-site gas turbines could worsen air pollution



How Much Water is Each Data Center in Texas Using?

Texas AI Data Centers -- Water Consumption Tracker

Facility-level water-use disclosure is largely voluntary in Texas; most rows below are honestly marked 🟡 Unknown / Not Publicly Disclosed. Generated August 04, 2026.

Facility ID	Facility Name	City	County	Houston, TX -- Not Built?	Cooling Type	Reported Water Use	Reporting Period	Confidence Level	Source
DC-TX-0001	Stargate I (Lancium Clean Campus / Crusoe Abilene Campus)	Abilene	Taylor / Jones	No	Closed-loop, direct-to-chip liquid cooling (company describes it as 'zero-water-evaporation')	Initial system fill ~1M gallons per building x 8 buildings (~8M gal one-time); Abilene water-utility officials cited ~10M gallons/year at full build-out vs. the city's ~21-24M gallons/day total demand. Separately, Lancium's CEO said the Texas-based data center is "net-zero water."	Initial fill (2025); ongoing ~2026	🟡 Confirmed by multiple news sources	Texas Tribune, Sep 25, 2025: https://www.texastribune.org/2025/09/25/texas-data-center-water-use/ Yahoo/Abilene Reporter-News (Mayor Weldon Hurt quote): https://www.abilenereporternews.com/news/2025/09/25/texas-data-center-water-use/
DC-TX-0002	Meta El Paso Data Center ("Worldwide LLC")	El Paso	El Paso	No	Closed-loop liquid cooling described by Meta executive as recycling water on-site	Specific gallon figures not publicly disclosed as of this research; opposition groups cite general concern over groundwater draw.	N/A	🔴 Unknown / not publicly disclosed	El Paso Matters, Oct 2025: https://elpasomatters.org/2025/10/15/meta-el-paso-texas-data-center-water-electricity-borderplex-alliance/
DC-TX-0003	Microsoft Westover Hills Data Center (original)	San Antonio	Bexar	No	Not publicly disclosed	Not publicly disclosed	N/A	🔴 Unknown / not publicly disclosed	No facility-specific figure located.
DC-TX-0004	Microsoft San Antonio Expansion (~\$250M)	San Antonio	Bexar	No	Not publicly disclosed	Not publicly disclosed	N/A	🔴 Unknown / not publicly disclosed	No facility-specific figure located.
DC-TX-0005	Fort Bliss Army AI Data Center	Fort Bliss (El Paso)	El Paso	No	Not yet disclosed (project in early/proposal stage)	Not publicly disclosed. Note: DoD proposals for on-base data centers reportedly must include 'net-zero water' design goals per Army RFP terms.	N/A	🔴 Unknown / not publicly disclosed	Military.com, Jul 2026: https://www.military.com/pentagon-plans-ai-data-centers-at-military-bases-across-multiple-branches
DC-TX-0006	Fort Hood (Fort Cavazos) Army Data Center	Killeen	Bell / Coryell	No	Not applicable -- not yet awarded	Not publicly disclosed	N/A	🔴 Unknown / not publicly disclosed	No facility-specific figure located.
DC-TX-0007	Compass Datacenters -- DFW (Reinvestment Zone #33)	Allen	Collin	No	Not publicly disclosed	Not publicly disclosed	N/A	🔴 Unknown / not publicly disclosed	No facility-specific figure located.
DC-TX-0008	Lancium Clean Campus -- Childress	Childress	Childress	No	Aquifer-sourced withdrawal, per-facility metering described by company CEO	Draws ~11,000 gallons/day from the Red River Water Authority; company states it plans to give back ~1,000,000 gallons/day to the same authority (net water-positive claim, not independently verified).	As of Apr 2026	🟡 Confirmed by multiple news sources	Inside Climate News, Apr 13, 2026: https://insideclimatenews.org/news/10042026/texas-data-center-developers-play-offense-on-water-claiming-huge-cuts-in-usage/
DC-TX-0009	Core Scientific / CoreWeave Denton Data Center	Denton	Denton	No	Not publicly disclosed	Not publicly disclosed	N/A	🔴 Unknown / not publicly disclosed	No facility-specific figure located.
DC-TX-0010	CyrusOne -- Carrollton / Allen Campus	Carrollton / Allen	Dallas / Collin	No	Not publicly disclosed	Not publicly disclosed	N/A	🔴 Unknown / not publicly disclosed	No facility-specific figure located.
DC-TX-0011	Google Data Center -- Midlothian	Midlothian	Ellis	No	Not publicly disclosed	Not publicly disclosed	N/A	🔴 Unknown / not publicly disclosed	No facility-specific figure located.
DC-TX-0012	QTS Data Centers -- Irving / Grand Prairie	Irving / Grand Prairie	Dallas	No	Not publicly disclosed	Not publicly disclosed	N/A	🔴 Unknown / not publicly disclosed	No facility-specific figure located.

How Much Water is Each Data Center in Texas Using (p.2)?

Texas AI Data Centers -- Water Consumption Tracker

Facility-level water-use disclosure is largely voluntary in Texas; most rows below are honestly marked  Unknown / Not Publicly Disclosed. Generated August 04, 2026.

Facility ID	Facility Name	City	County	Houston, TX -- Not Built?	Cooling Type	Reported Water Use	Reporting Period	Confidence Level	Source
DC-TX-0013	Aligned Data Centers -- Plano	Plano	Collin	No	Not publicly disclosed	Not publicly disclosed	N/A	 Unknown / not publicly disclosed	No facility-specific figure located.
DC-TX-0014	AWS "Project Eagle"	Boling	Wharton	Yes	Not publicly disclosed	Not publicly disclosed	N/A	 Unknown / not publicly disclosed	No facility-specific figure located.
DC-TX-0015	CleanSpark Brazoria County Campus	Brazoria County (unincorporated)	Brazoria	Yes	Not publicly disclosed	Not publicly disclosed	N/A	 Unknown / not publicly disclosed	No facility-specific figure located.
DC-TX-0016	CleanSpark Austin County Campus	Austin County (unincorporated)	Austin	Yes	Not publicly disclosed	Not publicly disclosed	N/A	 Unknown / not publicly disclosed	No facility-specific figure located.
DC-TX-0017	Serverfarm "HTX2"	Hockley	Harris	Yes	Not publicly disclosed	Not publicly disclosed	N/A	 Unknown / not publicly disclosed	No facility-specific figure located.
DC-TX-0018	Serverfarm "CTX2" (Cutten Road)	Houston	Harris	Yes	Not publicly disclosed	Not publicly disclosed	N/A	 Unknown / not publicly disclosed	No facility-specific figure located.
DC-TX-0019	TRG Datacenters "HOU2"	Spring	Harris	Yes	Not publicly disclosed	Not publicly disclosed	N/A	 Unknown / not publicly disclosed	No facility-specific figure located.
DC-TX-0020	Missouri City Speculative Zoning (no named project)	Missouri City	Fort Bend	Yes (no developer/project named yet)	N/A -- no project filed	N/A -- no project filed	N/A	 Unknown / not publicly disclosed	No project exists yet to measure.
DC-TX-0021	Tract Caldwell County Data Center Park	Caldwell County (unincorporated, between Austin & San Antonio)	Caldwell	No	Not publicly disclosed	Not publicly disclosed	N/A	 Unknown / not publicly disclosed	No facility-specific figure located.
DC-TX-0022	Fermi America HyperGrid Campus / "Project Matador" (Advanced Energy and Intelligence Campus)	Near Amarillo, adjacent to the DOE Pantex Plant	Carson / Potter area (Texas Panhandle)	No	Hybrid air + water cooling planned once nuclear reactors come online; air-cooled condensers for the nuclear plant itself	Company projects under 50 acre-feet/year (~16.3 million gallons/year) for reactor system makeup/domestic/incidental use; separately, data-center cooling is projected at up to 3.3 million gallons/day (MGD), with total facility consumption projected at 100.5 MGD	As presented to Amarillo City Council, Oct 15, 2025	 Confirmed by multiple news sources	Amarillo Tribune, 'Just facts: Fermi America and Project Matador,' Nov 5, 2025: https://amarillotribune.org/2025/11/05/just-facts-fermi-america-and-project-matador/
DC-TX-0023	CyrusOne Fort Worth (with Eolian)	Fort Worth	Tarrant	No	Not publicly disclosed	Not publicly disclosed	N/A	 Unknown / not publicly disclosed	No facility-specific figure located.
DC-TX-0024	Black Mountain Fort Worth Data Center	Fort Worth	Tarrant	No	Not publicly disclosed	Not publicly disclosed	N/A	 Unknown / not publicly disclosed	No facility-specific figure located.

How Much Water is Each Data Center in Texas Using (p.3)?

Texas AI Data Centers -- Water Consumption Tracker										
Facility-level water-use disclosure is largely voluntary in Texas; most rows below are honestly marked 🔴 Unknown / Not Publicly Disclosed. Generated August 04, 2026.										
Facility ID	Facility Name	City	County	Houston, TX -- Not Built?	Cooling Type	Reported Water Use	Reporting Period	Confidence Level	Source	Notes (editable)
DC-TX-0025	ACS Fort Worth Data Center	Fort Worth	Tarrant	No	Not publicly disclosed	Not publicly disclosed	N/A	🔴 Unknown / not publicly disclosed	No facility-specific figure located.	

Which facility uses the most water?
Honest answer: this cannot be reliably ranked facility-by-facility today, because Texas does not require public, metered water-use reporting for data centers. Of the facilities researched, DC-TX-0001 (Stargate Abilene) has the most-cited figures (multi-million-gallon initial system fill across 8 buildings, ~10M gal/yr city estimate at full build-out) simply because it has drawn the most media and city-official attention -- not necessarily because it is confirmed to be the single largest water user in the state. Statewide, HARC estimates ALL Texas data centers combined use ~25 billion gallons/year, more than any single named facility's disclosed figure, which shows how much water use is happening outside public reporting.

Statewide context (not facility-specific):
Statewide context (not facility-specific): The Houston Advanced Research Center (HARC) estimates existing Texas data centers consume ~25 billion gallons of water per year (~0.4% of total state water use in 2025), potentially rising to ~2.7% of annual state water use by 2030 as 400+ existing facilities are joined by ~70 more under construction. No state agency currently requires facility-level public water-use reporting for data centers, which is why most rows above are marked Unknown/Not Publicly Disclosed -- this is a genuine, documented transparency gap, not a research omission. Source: Texas Tribune, Sep 25, 2025, <https://www.texastribune.org/2025/09/25/texas-data-center-water-use/>

How Much Power is Each Data Center in Texas Using?

Texas AI Data Centers -- Power Consumption Tracker

Generated August 04, 2026. Figures are as publicly reported; hyperscale campuses are built in phases, so "current" and "planned" capacity can differ substantially.

Facility	Facility Name	City	County	Houston, TX -- Not Built?	Planned / Max Capacity	Current Operational Capacity	Power Source Mix	Confidence Level	Source	Notes (editable)
DC-TX-0001	Stargate I (Lancium Clean Campus / Crusoe Abilene Campus)	Abilene	Taylor / Jones	No	Up to 1.2 GW across the 8-building campus (an earlier plan to expand to 2.1 GW was reportedly redirected to other Stargate sites)	~0.3 GW (~300 MW) operational as of Apr 2026, per Epoch AI tracking	On-site natural gas (VotagriddParker Hannifin turbines, TCEQ permit for 210 generators / ~700 MW) + ERCOT grid power, including nearby West Texas wind	Confirmed by multiple news sources	Epoch AI, Apr 17, 2026: https://epoch.ai/publications/openai-stargate-where-the-us-sites-stand Save Abilene: https://saveabilene.com/environment	
DC-TX-0002	Meta El Paso Data Center ("Worldwide LLC")	El Paso	El Paso	No	Not fully disclosed; site tied to a dedicated 366 MW natural-gas power plant ("McCloud plant") being pursued by El Paso Electric to serve the load	Under construction, not yet fully energized	Dedicated gas-fired generation (McCloud plant, pending PUCT approval) + grid interconnection	Confirmed by government records	City of El Paso official page: https://www.elpasotexas.gov/data-centers/	
DC-TX-0003	Microsoft Westover Hills Data Center (original)	San Antonio	Bexar	No	Not publicly disclosed	Operational since 2008	Grid (CPS Energy)	Unknown / not publicly disclosed	No facility-specific MW figure located.	
DC-TX-0004	Microsoft San Antonio Expansion (~\$250M)	San Antonio	Bexar	No	Not publicly disclosed	Under construction	Grid (CPS Energy), presumed	Unknown / not publicly disclosed	No facility-specific MW figure located.	
DC-TX-0005	Fort Bliss Army AI Data Center	Fort Bliss (El Paso)	El Paso	No	Not yet disclosed (early stage)	Not built	Unknown -- Army documents indicate base power systems may need transformer/substation upgrades to support 50-100+ MW hyperscale loads	Unknown / not publicly disclosed	Introl blog, Jan 14, 2026: https://introl.com/blog/dod-military-base-ai-data-centers-2026	
DC-TX-0006	Fort Hood (Fort Cavazos) Army Data Center	Killeen	Bell / Coryell	No	Not yet disclosed -- not awarded	Not built	Unknown	Unknown / not publicly disclosed	Task & Purpose, Apr 7, 2026: https://taskandpurpose.com/news/data-centers-army-bases/	
DC-TX-0007	Compass Datacenters -- DFW (Reinvestment Zone #33)	Allen	Collin	No	Not publicly disclosed	Operational	Grid (Oncor)	Unknown / not publicly disclosed	No facility-specific MW figure located in Comptroller filing.	
DC-TX-0008	Lancium Clean Campus -- Childress	Childress	Childress	No	Not publicly disclosed	Operational	Grid (ERCOT) with company describing surplus renewable-power siting	Unknown / not publicly disclosed	No facility-specific MW figure located.	
DC-TX-0009	Core Scientific / CoreWeave Denton Data Center	Denton	Denton	No	~394 MW total site capacity (industry tracker estimate)	Under construction; ~70 MW pre-leased to CoreWeave	Adjacent 225 MW Denton Energy Center (gas-fired reciprocating-engine peaker plant) + grid	Estimated from permits/industry trackers	glenklockwood.com aggregation: https://www.glenklockwood.com/garden/ai-datacenters	
DC-TX-0010	CyrusOne -- Carrollton / Allen Campus	Carrollton / Allen	Dallas / Collin	No	600+ MW planned (industry tracker estimate)	Partially operational, expanding	Grid (Oncor)	Estimated from permits/industry trackers	Bear Claw Land Clearing TX Data Center Map: https://bearclawclearing.com/resources/texas-data-center-map	
DC-TX-0011	Google Data Center -- Midlothian	Midlothian	Ellis	No	Not disclosed in MW; described as 1,000+ acre campus	Under construction	Grid (Oncor)	Estimated from permits/industry trackers	Bear Claw Land Clearing TX Data Center Map: https://bearclawclearing.com/resources/texas-data-center-map	
DC-TX-0012	QTS Data Centers -- Irving / Grand Prairie	Irving / Grand Prairie	Dallas	No	300+ MW planned (industry tracker estimate)	Operational, expanding	Grid (Oncor)	Estimated from permits/industry trackers	Bear Claw Land Clearing TX Data Center Map: https://bearclawclearing.com/resources/texas-data-center-map	

How Much Power is Each Data Center in Texas Using (p.2)?

Texas AI Data Centers -- Power Consumption Tracker

Generated August 04, 2026. Figures are as publicly reported; hyperscale campuses are built in phases, so 'current' and 'planned' capacity can differ substantially.

Facility	Facility Name	City	County	Houston, TX -- Not Built?	Planned / Max Capacity	Current Operational Capacity	Power Source Mix	Confidence Level	Source	Notes (editable)
DC-TX-0013	Aligned Data Centers -- Plano	Plano	Collin	No	200+ MW planned (industry tracker estimate)	Operational, expanding	Grid (Oncor)	Estimated from permits/industry trackers	Bear Claw Land Clearing TX Data Center Map: https://bearclawclearing.com/resources/texas-data-center-map	
DC-TX-0014	AWS "Project Eagle"	Boling	Wharton	Yes	Not publicly disclosed in MW; \$1.2B, 4 buildings (189,060 sq ft / ~\$300M each)	Not built -- construction starts Aug 1, 2026	Grid (AEP Texas / regional utility), not confirmed	Confirmed by multiple news sources	Data Center Dynamics coverage of AWS Project Eagle TDLR filing.	
DC-TX-0015	CleanSpark Brazoria County Campus	Brazoria County (unincorporated)	Brazoria	Yes	Initial 300MW, expandable to 600MW total	Not built -- deal expected to close ~Q1 2026	Dedicated transmission-line extension agreement + grid (ERCOT)	Confirmed by multiple news sources	CleanSpark PRNewswire release / Yahoo Finance coverage, Brazoria County deal.	
DC-TX-0016	CleanSpark Austin County Campus	Austin County (unincorporated)	Austin	Yes	285 MW approved capacity	Not built -- land acquired	Grid (ERCOT)	Confirmed by multiple news sources	Yahoo Finance / Barchart coverage, CleanSpark Austin County deal, Oct 2025.	
DC-TX-0017	Serverfarm "HTX2"	Hockley	Harris	Yes	Not publicly disclosed in MW; 565,000 sq ft, ~\$137M	Not built (per filing) -- build window ~Jul 2025-Jul 2026	Grid (CenterPoint Energy), not confirmed	Confirmed by multiple news sources	Data Center Dynamics coverage of Serverfarm Hockley (HTX2) filing.	
DC-TX-0018	Serverfarm "CTX2" (Cullen Road)	Houston	Harris	Yes	Not publicly disclosed in MW; 438,000 sq ft, ~\$137M	Not built (per filing) -- build window ~Jul 2025-Jul 2026	Grid (CenterPoint Energy), not confirmed	Confirmed by multiple news sources	Data Center Dynamics coverage of Serverfarm Cullen Road (CTX2) filing.	
DC-TX-0019	TRG Datacenters "HOU2"	Spring	Harris	Yes	24 MW, 110,000 sq ft (Phase 1)	Under construction -- broke ground Nov 14, 2025; Phase 1 targeted Q4 2026	Grid (CenterPoint Energy)	Confirmed by multiple news sources	Data Centre Magazine / BusinessWire coverage of TRG HOU2 groundbreaking, Nov 2025.	
DC-TX-0020	Missouri City Speculative Zoning (no named project)	Missouri City	Fort Bend	Yes (no developer/project named yet)	N/A -- no project filed	N/A -- no project filed	N/A	Unknown / not publicly disclosed	No project exists yet to measure.	
DC-TX-0021	Tract Caldwell County Data Center Park	Caldwell County (unincorporated, between Austin & San Antonio)	Caldwell	No	Up to 2 GW planned across the technology park	Not built -- land acquisition complete, utility engagement underway	Grid (ERCOT), utility partners TBD through the 18-month engagement process	Estimated from permits/industry trackers	Blackridge Research industry report on Tract Caldwell County Data Center Park.	
DC-TX-0022	Fermi America HyperGrid Campus / "Project Matador" (Advanced Energy and Intelligence Campus)	Near Amarillo, adjacent to the DOE Pantex Plant	Carson / Potter area (Texas Panhandle)	No	Up to 11-17 GW total (behind-the-meter); ~6 of 17GW already permitted per company's own site as of mid-2026	~2 GW of generation assets secured; first Siemens gas turbines delivered; 1 GW of IT capacity targeted online by late 2026	Behind-the-meter private grid: nuclear (4x Westinghouse AP1000 reactors planned, full operation by ~2032), natural gas (combined-cycle, described as the nation's largest), solar, wind, and	Confirmed by multiple news sources	Data Center Dynamics, May 7, 2026; Fermi America company site (fermi-america.com), accessed Aug 2026 -- note this is company-reported, not independently verified.	
DC-TX-0023	CyrusOne Fort Worth (with Eolian)	Fort Worth	Tarrant	No	Not publicly disclosed in MW	Not built -- announced early 2026, substation/transmission planning underway	Existing high-voltage transmission infrastructure + new electrical substation, developed with Eolian	Confirmed by multiple news sources	Fort Worth Report, Jul 16, 2026.	
DC-TX-0024	Black Mountain Fort Worth Data Center	Fort Worth	Tarrant	No	Not publicly disclosed in MW	Not built -- zoning approved, site plan stalled pending city council review	Grid (ERCOT), via new or existing substation -- specifics not finalized	Unknown / not publicly disclosed	Fort Worth Report, Jul 16, 2026.	

How Much Power is Each Data Center in Texas Using (p.3)?

Facility ID	Facility Name	City	Count	Houston, TX -- Not Built?	Planned / Max Capacity	Current Operational Capacity	Power Source Mix	Confidence Level	Source	Notes (editable)
DC-TX-0025	ACS Fort Worth Data Center	Fort Worth	Tarrant	No	Not publicly disclosed	Not built -- early-stage plans	Not publicly disclosed	Unknown / not publicly disclosed	Fort Worth Report, Jul 16, 2026 (brief mention only).	

Statewide context (not facility-specific):
Statewide context: ERCOT has warned that the current pace of data-center load growth threatens grid reliability and could shift costs onto residential ratepayers; its Jan 2025 outlook modeled an ~80% chance of rolling blackouts if a storm like Winter Storm Uri (2021) recurred. Texas SB 6 (2025) now requires large loads above 75 MW to install remote-disconnect equipment and participate in demand management programs. Source: Save Abilene, <https://saveabilene.com/environment>; Server Country policy tracker, <https://servercountry.org/policy/texas/>

Plants, Agriculture, & Animals

Plants & Agriculture

- straining local water supplies and drying out surrounding ecosystems. [1]
- land use means habitat loss and possible deforestation
- reliance on power grid means carbon emissions
- water depletion would lower availability for crop irrigation
- loss of farmland to builds
- drive prices for farmers and small businesses
- air pollution and surface temperatures could impact corn yields and livestock

Animals

- High-powered electrical substations and transmission lines near data centers emit EMFs. Researchers are studying whether these fields interfere with a honeybee's natural magnetic navigation and foraging behaviors. [1, 2, 3]
- Clearing land removes wild weeds and flowers that bees depend on for food. [1, 2, 3]
- Clearing land removes wild weeds and flowers that bees depend on for food. [1, 2, 3]
- Continuous cooling fans and backup generators create a low-frequency hum (often inaudible to humans) that neighboring ranchers report can stress livestock, disrupt grazing, and impact breeding efficiency. ex: stillborn cows
- High water usage by nearby facilities can limit the local water availability needed to sustain farm operations and raise livestock
- Rapid industrial expansion drives up land prices in rural areas, making it harder for agricultural producers to maintain or expand grazing pastures. [1]



Potential Health Impacts & Eminent Domain

Health impacts

There needs to be a community proximity index prior to the builds because there is a burden of proof that must be established to consider these builds safe.



Air quality and Surface Temperature:

Breathing these emissions is linked to asthma attacks, heart disease, lung inflammation, and premature death. Research published by Environmental Health Sciences estimates that rising data center emissions could cause hundreds of thousands of asthma symptom cases and billions of dollars in public health damages. [1, 2] Rising temperatures in Texas could lead to heat stroke or cardiovascular stress on vulnerable populations.



Noise pollution:

Constant outdoor noise near homes makes it hard to sleep, increases stress, and can lead to high blood pressure over time. [1, 2, 3]
If EMF messes up bees and livestock, what might the impact be on humans?



Headaches & Leukemia:

People living near data centers have reported headaches. Matt Altman, a doctor when speaking at a Temple hearing spoke about a UK Study. **Draper (2005)** of University of Oxford in the UK found that children living 200 meters from a high-voltage line had roughly a 70% higher statistical chance of leukemia. The researchers postulate that this could be explained by the magnetic fields.

Eminent Domain

Generally, Eminent Domain is not readily utilized in Texas. However, it has been in other regions.

Electric utilities occasionally use eminent domain to secure easements for high-voltage power lines or electrical infrastructure needed to supply heavy industrial power loads, which has sparked landowner pushback in parts of Texas. [1,

A low-ball offer from a realtor may cause undo stress. Has there been a case study or impact report regarding Texas farmers and how the stress of these builds may impact their health as a result of the overall stress their livestock, etc. are experiencing. 2]?

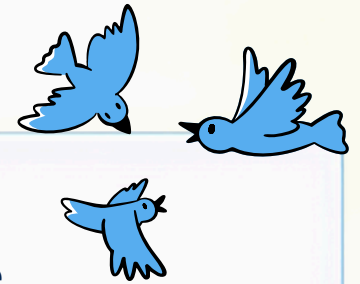
Most large-scale data centers are built in industrial corridors, exurban tracts, or near major transit and power substations rather than directly displacing dense residential subdivisions. [1, 2]

However, a look at Erin Brockovich's noise pollution map begs the question, how many of these centers are located near hospitals, churches, homes, schools, and food supply; how might that impact the population's overall health and wellbeing?





What happens when all of these oversized data centers are obsolete because the technology has evolved and can fit in a much smaller space?



What happens when Quantum Computers no longer require the existing infrastructure builds?

Quantum Computers will not use the exact same infrastructure as traditional data centers because they require specialized physical and environmental controls. [1]

Long-term concerns to consider:

Cryogenic Cooling

Vibration Isolation:

Electromagnetic Shielding



Legal Implications



1. ZONING & PERMITTING

Data centers may require zoning variances or special use permits, depending on local ordinances. Projects must comply with Houston and Harris County zoning codes, building regulations, and the Texas Local Government Code. Early coordination helps avoid delays and community pushback.



2. UTILITY & LAND-USE AGREEMENTS

Large data centers drive significant demand for power, water, and infrastructure. Developers often negotiate utility capacity agreements, impact fees, and tax incentives under Chapter 313 (Tax Abatement) or local economic development programs (PILOT). These agreements can shape community resources for decades.



3. ENVIRONMENTAL & COMPLIANCE ISSUES

Data center projects must comply with the Texas Commission on Environmental Quality (TCEQ) regulations, including stormwater, air emissions (for backup generators), and water usage reporting. Environmental assessments and mitigation plans are critical to maintaining compliance and community trust.



4. COMMUNITY LIABILITY & REGULATORY UNCERTAINTY

Communities may face legal exposure from contract terms, infrastructure commitments, or environmental impacts. State laws can limit local authority, and regulations continue to evolve. Strong legal review and transparent agreements are essential to reduce risk and protect long-term community interests.



Proactive legal planning builds stronger projects and stronger communities.
Know your rights. Ask questions. Stay informed.

Resource List

a curated organization list to support engagement between you
and your public servant

Title	Link	Notes
Federal, state, and many local elected officials	USA.gov - Find and Contact Elected Officials	Official U.S. government portal. Find officials by address or browse by state.
Members of Congress	GovInfo Congressional Directory	Lists congressional directory with offices, phone numbers, committee assignments, and biographies.
Federal agencies and appointed officials	USA.gov Agency Index	Lists departments, agencies, and contact information.
State legislatures	National Conference of State Legislatures (NCSL)	Links to every state legislature and member directory.
Local governments	National League of Cities	Governments and city officials.
State executives	National Governors Association Directory	Links to governors and city government websites by state.
Environmental Protection Agency	EPA	Link to their contact page.