

DATA CENTERS IN PIPELINE (Proposed, Planning, Design, Permitting, Approved, or Under construction Facilities)							
Project / Developer / First Reported	Type	Status	Location / Capacity	Key Negotiating Issues / Concerns	Local Response / Outcome	Source	Notes
Project Jade (Cheyenne Power Hub) Developer(s): Tallgrass Energy (power/buildings); Crusoe (original data-center client, quietly exited construction role ~early 2026, remains compute client) First Reported: July 2025 (announced); Jan 2026 (county approval)	AI / hyperscale compute	Under construction; site work begun, power generators ramping summer 2026	Switchgrass Industrial Park, Hwy 85, ~8 mi south of Cheyenne Capacity/Size: Initially 1.8GW, later confirmed at 2.7GW; potential scale to 10GW	Aquifer/deep-well water use (closed-loop, sourced from deeper aquifers than residential supply); gas-turbine emissions/noise/light pollution per adjacent Hyndman Homesites HOA letter; wildlife migration impact; traffic; construction workforce housing	Laramie County Commission unanimously approved site plan Jan 2026; company committed \$2.9M toward Cheyenne affordable housing, new access roads, on-site wastewater treatment; opted against man camps for its own workforce; Crusoe's exit from construction role handled quietly, project continuing under Tallgrass	WyoFile/Inside Climate News; Cowboy State Daily	Largest data center project yet announced in Wyoming; would be largest single AI campus in U.S. if built to 10GW
Meta Cheyenne Data Center ("Project Cosmo") Developer(s): Meta First Reported: 2026 (LCSD1 partnership announced)	AI / hyperscale compute	Under construction / operational (phased)	Cheyenne, Laramie County Capacity/Size: 945-acre campus	Workforce pipeline/education partnerships; general growth-pace concerns raised by residents/council	Partnered with Laramie County School District #1 Trades Academy to build workforce pipeline	Cheyenne LEADS; local news	*See Other Infrastructure section below: TerraPower/Meta Natrium nuclear reactor proposal is tied to powering this site
Microsoft Cheyenne Expansion Developer(s): Microsoft First Reported: April 2026 (3,200-acre announcement); May-June 2026 (public sessions)	Cloud / AI compute (Azure)	Planning / early-stage applications filed with City of Cheyenne	Cheyenne, Laramie County (multiple contiguous/nearby sites) Capacity/Size: Intent to purchase ~3,200 acres (tripling footprint); two new expansion sites: 385 acres near Cheyenne Business Parkway, ~35 acres near Happy Jack Road	Water use during historic drought; energy demand; transparency about land acquisition (one site reportedly tied to Lummis family); pace of growth	Held community information session at LCCC (May 2026) covering water/energy/jobs; touts direct evaporative cooling (water used <10% of year) and water-replenishment commitments (566M gal target with Trout Unlimited, Laramie County Conservation District, U.S. Forest Service); \$11M+ paid into Laramie County tax base in 2025	Microsoft newsroom; Wyoming Tribune Eagle/ wyomingnews.com	Operating in Cheyenne since 2012; ~320 full-time employees currently, more planned; runs Datacenter Academy with LCCC
Related Digital (CoreWeave-hosting site) Developer(s): Related Digital First Reported: 2025-2026	AI / GPU colocation (hosts CoreWeave)	Under construction; broke ground October 2025	Cheyenne Business Parkway, east Cheyenne Capacity/Size: 302MW; \$1.2B investment	Scale of investment relative to county infrastructure capacity		Data Center Dynamics; Cowboy State Daily	
Vantage Data Centers - Wyoming Campus Developer(s): Vantage Data Centers First Reported: June 2026 (open house)	Colocation / cloud compute	Proposed; planning/design phase; permitting expected to begin late 2026 into 2027	1,800-acre site along Terry Ranch Road, ~12 mi south of Cheyenne Capacity/Size: 480MW initial (potential to scale to 1GW+); 3-5 buildings; \$4.8B-\$9.6B estimated initial investment	Proximity to adjacent residential subdivision; noise, light pollution, water usage concerns raised by neighboring residents; short (3-day) notice given for open house; concern about cumulative number/scale of projects in the pipeline	Held public open house June 2026 at Red Lion Hotel; joined Greater Cheyenne Chamber of Commerce; sponsoring Cheyenne Frontier Days Western Art Show as community engagement	wyomingnews.com; News Letter Journal	
Highlands Annexation (Microsoft-linked) Developer(s): Microsoft (Rachel Irwing, Land Development Manager) First Reported: ~June 2026	Cloud / AI compute (Azure, land for future development)	Annexation & rezoning approved	East of South Greeley Highway, Cheyenne Capacity/Size: 3,500 acres	Whether annexation should require a formal 'community benefits agreement' or 'mutually beneficial partnership agreement' before land use change; adequacy of long-term planning	Wolfe's motion to postpone 4 months failed; annexation and Business Park rezoning approved	wyomingnews.com/ laramieboomerang (~June 2026)	
Terry Ranch Road area project (unnamed/ early) Developer(s): Unspecified (in addition to Vantage) First Reported: May 2026	Data center (type TBD)	Very early / preliminary, could move forward	Near intersection of Terry Ranch Road and I-25, Laramie County Capacity/Size: Eventually up to 2,775 acres	Same cumulative-growth and infrastructure-planning concerns as other south-county projects		Cowboy State Daily	Reported alongside Truss Energy/ Carpenter project as part of pipeline update
Truss Energy - Carpenter site Developer(s): Truss Energy (New York-based) First Reported: May 2026	Data center (type TBD)	Very preliminary; due diligence only, no application filed as of May 2026	~1 mile west of Carpenter, WY (~35 mi east of Cheyenne) Capacity/Size: 540 acres	Early-stage; company has not engaged publicly with residents; part of broader concern that development pace has outstripped county/city planning capacity	No application submitted yet; county awaiting formal filing	Cowboy State Daily	
Skybox Datacenters - Roundtop Road site (aka "Cox Ranch"/"Cox Farm" annexation) Developer(s): Skybox Datacenters (developer); ViaWest Group (real estate/land partner); site owned by William S. Cox Revocable Trust First Reported: 2026 (annexation ordinance introduced)	AI / hyperscale compute (data center)	Proposed; annexation decision delayed by Cheyenne City Council until September 2026	~1,260 acres west of Cheyenne along Roundtop Road, adjacent to Happy Jack Road Capacity/Size: Not yet disclosed	Transparency - residents said they learned of the data center use only belatedly; traffic; wildlife impact; a council committee initially voted against the annexation ordinance after resident pushback (21 spoke against it at that meeting)	City Council delayed the annexation vote to September 2026; Skybox's Jack O'Neill said the company will likely proceed under county regulations if annexation isn't approved; company points to projected 350-500 full-time jobs at full build-out, a closed-loop water system, and covering 100% of electricity costs via Black Hills Energy so none is passed to ratepayers	Cowboy State Daily; Wyoming Tribune Eagle/ wyomingnews.com	
OPERATIONAL DATA CENTERS (Existing, Long-Running Facilities)							
Project / Developer / First Reported	Type	Status	Location / Capacity	Key Negotiating Issues / Concerns	Local Response / Outcome	Source	Notes
NCAR-Wyoming Supercomputing Center (NWSC) Developer(s): NCAR/UCAR (operator), NSF & State of Wyoming (funding) First Reported: 2010 (groundbreaking); operational since Oct 2012	HPC / scientific supercomputing (not commercial cloud/AI)	Operational since 2012; ownership/operations transition pending	8120 Veta Drive, Cheyenne, WY 82009 (North Range Business Park) Capacity/Size: 153,000 sq ft facility; three supercomputer generations (Yellowstone, Cheyenne, Derecho)	NSF-led transition of management/operations to a third-party operator following planned closure of NCAR's Boulder, CO Mesa Lab; University of Wyoming considering taking over operations	Longstanding community asset with public visitor center and education/outreach programs; UW has expressed interest in operator role as of Feb 2026	Wikipedia; UCAR/CISL; wyomingnews.com	Wyoming's original large-scale data center (predates the current AI/ hyperscale boom); distinct from commercial data centers - federally funded scientific facility
Microsoft Cheyenne Data Center (Original Facility)	Cloud / AI compute (Azure)	Operational since 2012	644 Logistics Dr, Cheyenne, WY 82009 (Azure site code: CYS) North Range	N/A - established, ongoing operations; distinct from 2026 expansion announcement	~320 full-time employees currently; Microsoft was the No. 1 taxpayer in the city of Cheyenne and	Microsoft newsroom; Cowboy State Daily	Separate from the "Microsoft Cheyenne Expansion" row above
OTHER INFRASTRUCTURE PROJECTS (Supporting Projects - Not Data Centers Themselves)							
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Iron Guard man camp (5,600-person workforce housing) Developer(s): Developer name not specified in coverage First Reported: May 2026	Supporting infrastructure (workforce housing, not a data center itself)	Recommended for approval by Laramie County Planning Commission; county commissioner public hearing held June 2, 2026	West of Carpenter, Laramie County Capacity/Size: 5,600-person capacity	Strong resident opposition (Orchard Valley/adjacent subdivisions); residents felt unheard in planning process; concerns raised prior to any data center application even being filed for that area	Planning Commission recommended approval; county commissioners held public hearing June 2, 2026	Cowboy State Daily	Distinct from Project Jade's decision to avoid man camps entirely
TerraPower/Meta Natrium Nuclear Reactor Proposal* Developer(s): TerraPower (Bill Gates-backed), in partnership with Meta First Reported: January 2026	Nuclear power generation (supporting infrastructure, not a data center)	Proposed / under consideration; part of broader up-to-8-reactor TerraPower-Meta agreement	Cheyenne, Laramie County (site TBD within broader agreement) Capacity/Size: Dual-unit Natrium plant; potential completion ~2032	Long lead time (2032 target); would be among first Natrium units alongside TerraPower's Kemmerer, WY reactor (in progress)	Announced as part of Jan 2026 TerraPower-Meta agreement for up to 8 advanced nuclear reactors nationally	Cowboy State Daily; Bozeman Daily Chronicle	*Proposed specifically to power Meta's Cheyenne campus ("Project Cosmo," see Meta row above)

Notes on Data Quality	
How many data centers are actually in Laramie County?	
Cheyenne LEADS (the county's economic development organization) states, as of its June 4, 2026 release: 10 operational data center locations, 5 under construction, and 9 additional projects in planning/due diligence. LEADS counts physical locations/campuses only.	
Other estimates cited in local coverage run much higher - up to ~70 when every stage of discussion (including preliminary inquiries with no filed application, like Truss Energy's Carpenter project) is counted. A third-party site, datacentermap.com, shows 32 locations in the Cheyenne area, though many of those are attributed to a single company (Microsoft).	
LEADS also states that data centers receive no local incentives from the city or county, and that operators fund their own infrastructure, utility connections, and power supply upgrades.	
Recurring negotiating flashpoints across projects:	
- Water/aquifer use, especially during the region's ongoing drought (closed-loop systems, deep-aquifer sourcing, replenishment commitments)	
- Electricity demand and rate/infrastructure impact (large-load tariffs, new substations, on-site power generation via gas turbines)	
- Transparency and pace: several council members and residents say project volume has outstripped the city/county's planning capacity	
- Workforce housing ('man camps') for construction crews - contentious even when a formal data center application hasn't been filed yet	
- Noise, light pollution, and proximity to existing residential subdivisions	
- A May 26, 2026 moratorium proposal on new data center development was rejected 9-1 by Cheyenne City Council after public comment	
Where to check for updates:	
- cheyenneleads.org/why-cheyenne/data-centers (official FAQ/resource hub, updated periodically)	
- Cowboy State Daily and Wyoming Tribune Eagle/wyomingnews.com (most consistent local reporting cadence)	
- Laramie County Commission and Cheyenne City Council public meeting agendas/minutes	
- datacentermap.com for a third-party running count	
Moratorium vote and LEADS FAQ (moved from Data Centers tab):	
Cheyenne City Council data center moratorium vote (May 26, 2026): Council voted 9-1 against a proposed moratorium on new data center development, after hours of public comment weighing cumulative water/energy/growth concerns against the pace of planning. Widely seen as a signal that city leadership favors continued development despite vocal opposition. Source: wyomingnews.com	
Cheyenne LEADS official data center count / FAQ resource (released June 4, 2026): Cheyenne LEADS, the county's economic development organization, published an official FAQ/resource page addressing how many data centers actually exist in the county and clarifying that data centers receive no local incentives from the city or county. See cheyenneleads.org/why-cheyenne/data-centers/ (also referenced above under 'Where to check for updates').	

Outlet	Article / Page Title	Date	URL
Microsoft (Official newsroom)	Microsoft announces intent to expand datacenter operations in Cheyenne, accelerating innovation and economic growth	Apr 14, 2026 (updated Jun 8, 2026)	https://news.microsoft.com/source/2026/04/14/microsoft-announces-intent-to-expand-datacenter-operations-in-cheyenne-accelerating-innovation-and-economic-growth/
Cowboy State Daily	Partner Pulling Out Doesn't Slow Huge 2.7GW Cheyenne Project Jade Data Center	Jun 11, 2026	https://cowboystatedaily.com/2026/06/11/partner-pulling-out-doesnt-slow-huge-2-7gw-cheyenne-project-jade-data-center/
Wyoming Tribune Eagle / wyomingnews.com	Cheyenne LEADS clarifies number of data centers in Cheyenne, Laramie County	Jun 4, 2026	https://www.wyomingnews.com/news/local_news/cheyenne-leads-clarifies-number-of-data-centers-in-cheyenne-laramie-county/article_af61f896-db81-43d5-85ec-de5c99542c63.html
Cheyenne LEADS (official)	Data Centers - Cheyenne LEADS (Data Center Information Center)	Ongoing / launched Jun 2026	https://cheyenneleads.org/why-cheyenne/data-centers/
WyoFile (via Inside Climate News)	Laramie County approves construction of what could become the largest data center in US	Jan 20, 2026	https://wyofile.com/laramie-county-approves-construction-of-what-could-become-the-largest-data-center-in-us/
Cowboy State Daily	Two More Data Centers Possible As Laramie County Planners OK Massive Man Camp	May 19, 2026	https://cowboystatedaily.com/2026/05/18/two-more-data-centers-possible-as-laramie-county-planners-ok-massive-man-camp/
Wyoming Tribune Eagle / wyomingnews.com	Microsoft presents data center expansion plans to the public	Jun 3, 2026	https://www.wyomingnews.com/laramieboomerang/news/microsoft-presents-data-center-expansion-plans-to-the-public/article_ee8e6428-3cba-4459-b34d-eac42b54a31b.html
Wyoming Tribune Eagle / wyomingnews.com	Vantage hosts open house for proposed data center in southern Wyoming	Jun 30, 2026	https://www.wyomingnews.com/laramieboomerang/laramieboomerang/news/vantage-hosts-open-house-for-proposed-data-center-in-southern-wyoming/article_3c663bef-a7d5-496f-a8cb-b887e09d18b5.html
Y95 Country	How Many Data Centers Are There Really In Laramie County? Cheyenne LEADS Releases A Statement	Jun 4, 2026	https://y95country.com/ixp/99/p/laramie-county-data-centers/
News Letter Journal	Vantage hosts open house for proposed data center in Laramie County	Jun 30, 2026	https://newslj.com/vantage-hosts-open-house-proposed-data-center-laramie-county
Wikipedia	NCAR-Wyoming Supercomputing Center	Accessed Jul 2026	https://en.wikipedia.org/wiki/NCAR-Wyoming_Supercomputing_Center
Wyoming Tribune Eagle / wyomingnews.com	UW offered opportunity to take over operations of Cheyenne supercomputer facility	Feb 20, 2026	https://www.wyomingnews.com/news/local_news/uw-offered-opportunity-to-take-over-operations-of-cheyenne-supercomputer-facility/article_112a21c0-ca7f-453e-a51c-2b38c6795f4c.html
Cowboy State Daily	Data Center Boom Powers Cheyenne's Push For Annexation	Apr 3, 2026	https://cowboystatedaily.com/2026/04/03/data-center-boom-powers-cheyennes-push-for-annexation/
Bozeman Daily Chronicle	Wyoming county OK's data center, could be biggest in country	Jan 21, 2026	https://www.bozemandailychronicle.com/news/wyomings-ai-boom-inside-the-plan-for-a-record-breaking-data-center-near-cheyenne/article_054c5542-5d18-5cc5-ba73-3c6649bd012b.html
Cowboy State Daily	Angry Cheyenne Residents Speak Out Against Annexation And Proposed Data Center	Apr 28, 2026	https://cowboystatedaily.com/2026/04/28/angry-cheyenne-residents-speak-out-against-annexation-and-proposed-data-center/
Wyoming Tribune Eagle / wyomingnews.com	Cheyenne City Council delays annexation for data center until September	Apr 30, 2026	https://www.wyomingnews.com/laramieboomerang/laramieboomerang/news/cheyenne-city-council-delays-annexation-for-data-center-until-september/article_bc19cf28-b992-432c-a70b-ffc6c7d37821.html