Data Summary
April 2026

Kem C. Gardner
POLICY INSTITUTE
THE UNIVERSITY OF UTAH
DAVID ECCLES SCHOOL OF BUSINESS

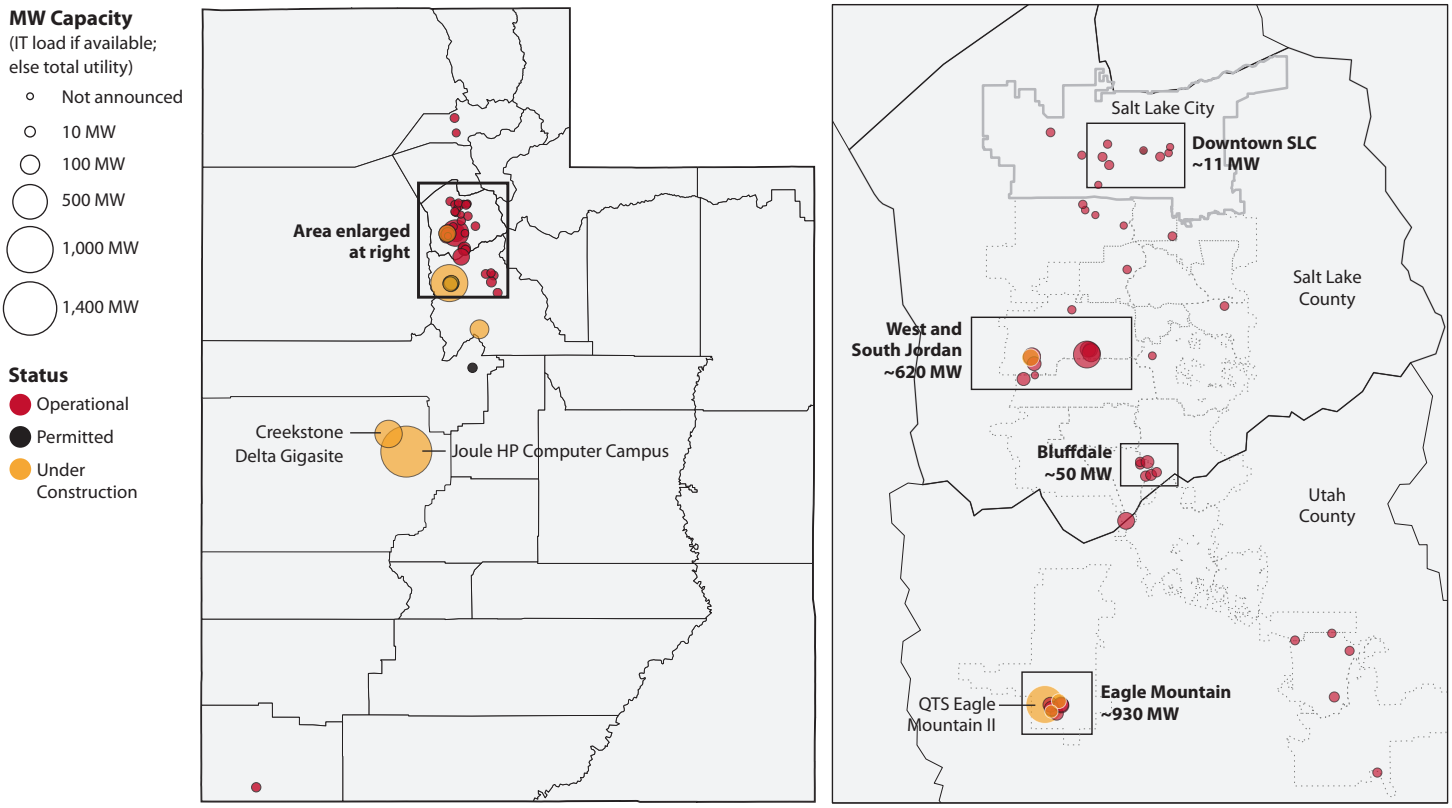
Data Center Growth in Utah and the United States

Data centers represent an important part of the modern economy in Utah, the nation, and the world. They enhance human productivity by way of artificial intelligence tools, which continue to accelerate at a rapid pace. Utah currently houses 48 operational data centers, with seven massive new data centers under construction. Utah's governor and legislature continue to support, evaluate, and guide data center development in Utah, carefully monitoring the economic benefits and appropriate tax, regulatory, and economic development policies.

Utah hosts 48 operational data centers with over 920 MW of capacity. Projects under construction will add 2,600 MW.

- Utah's operational and planned data centers are clustered in Salt Lake City, West Jordan, Bluffdale, Eagle Mountain, and Delta.
- Utah's 10 largest operational data centers account for nearly 80% of total capacity - 735 MW.
- Seven under-construction data centers will add 2,600 MW of capacity, with 1,700 MW behind the meter or off grid.

Utah's Data Centers, 2026



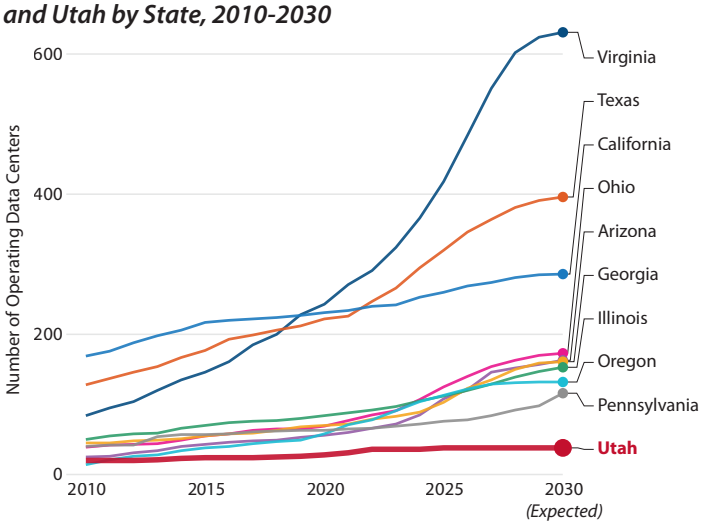
Utah Data Center Total Capacity (MW) by Status

Source: Zage Business of Energy Initiative, University of Southern California. Underlying data sourced from S&P Global (451 Research), third-party data center registries, interconnection filings, public permits, and verified news sources. Utah-specific figures supplement 451 Research with campus-level and non-hyperscale facilities not captured in the national dataset.

The U.S. leads global data center construction, with development concentrated in several states.

- Hyperscale expansion and AI-related demand accelerated data center development since 2020.
- Utah ranks in the mid-tier of U.S. states by number of operating data centers, but its growth trajectory closely mirrors national trends.

Historical and Projected Data Centers, Nine Largest States and Utah by State, 2010-2030

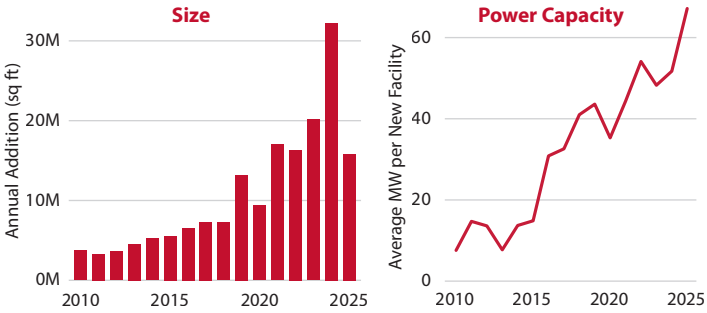


Source: Hiatt & Ryu. (2025). Data Center Energy Demand: Who, Where, and How Growth Is Emerging. Updated with data through Q2 2025.

Data centers continue to grow in physical size and power capacity.

- Total utilized square footage accelerated sharply since 2019, with data centers adding more than 30 million square feet in 2024 alone.
- New data center power capacity increased from an average of 15 MW per facility between 2010-2015 to more than 65 MW by 2025, reflecting a shift toward larger hyperscale campuses.
- In Utah, new data center capacity averaged 50 MW between 2020-2025.

Physical Size and Power Requirements of New U.S. Data Centers, 2010-2025

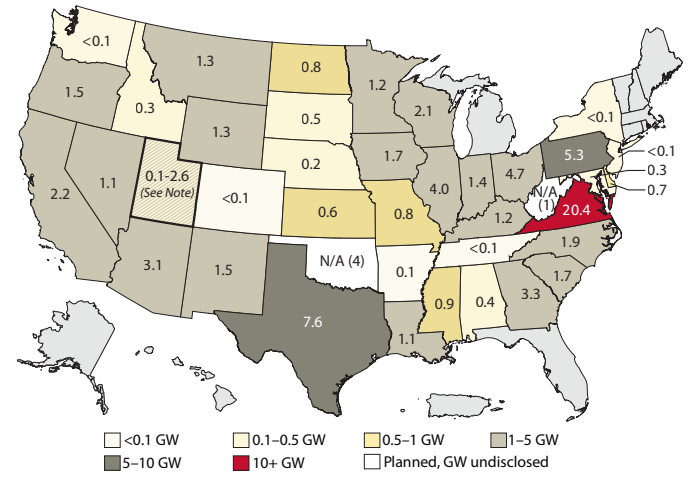


Source: Hiatt & Ryu. (2025). Data Center Energy Demand: Who, Where, and How Growth Is Emerging. Updated with data through Q2 2025.

The U.S. will add over 700 new hyperscale and colocation facilities by 2030.

- Virginia's planned data centers account for 20.4 GW of data center capacity, followed by Texas (7.6 GW) and Pennsylvania (5.3 GW).
- A 2026 inventory of Utah's data center pipeline shows eight planned projects with 2.6 GW of capacity. The Joule HP Computer Campus in Delta accounts for 1.4 GW.

Total Capacity of Planned Data Centers by State, Q2 2025

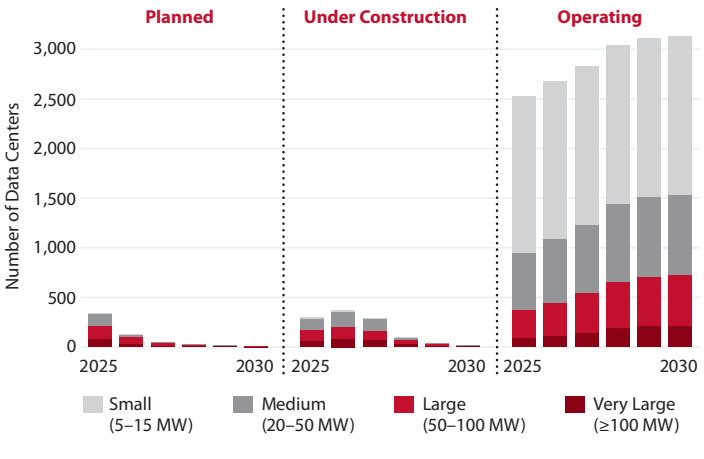


Note: The original data source (451 Research) showed 0.1 GW of planned data centers in Utah. A 2026 inventory using additional sources shows 2.6 GW.
Source: Data Center Energy Demand: Who, Where, and How Growth Is Emerging. Updated with data through Q2 2025.

The U.S. data center pipeline is front-loaded, with most planned and under-construction projects concentrated between 2025-2027.

- The U.S. data center pipeline is front loaded, with most planned and under-construction projects concentrated between 2025–2027.
- Very large facilities (≥100 MW) account for a small share by count, but drive the majority of capacity additions.

U.S. Data Center Projects by Size and Stage, 2025-2030

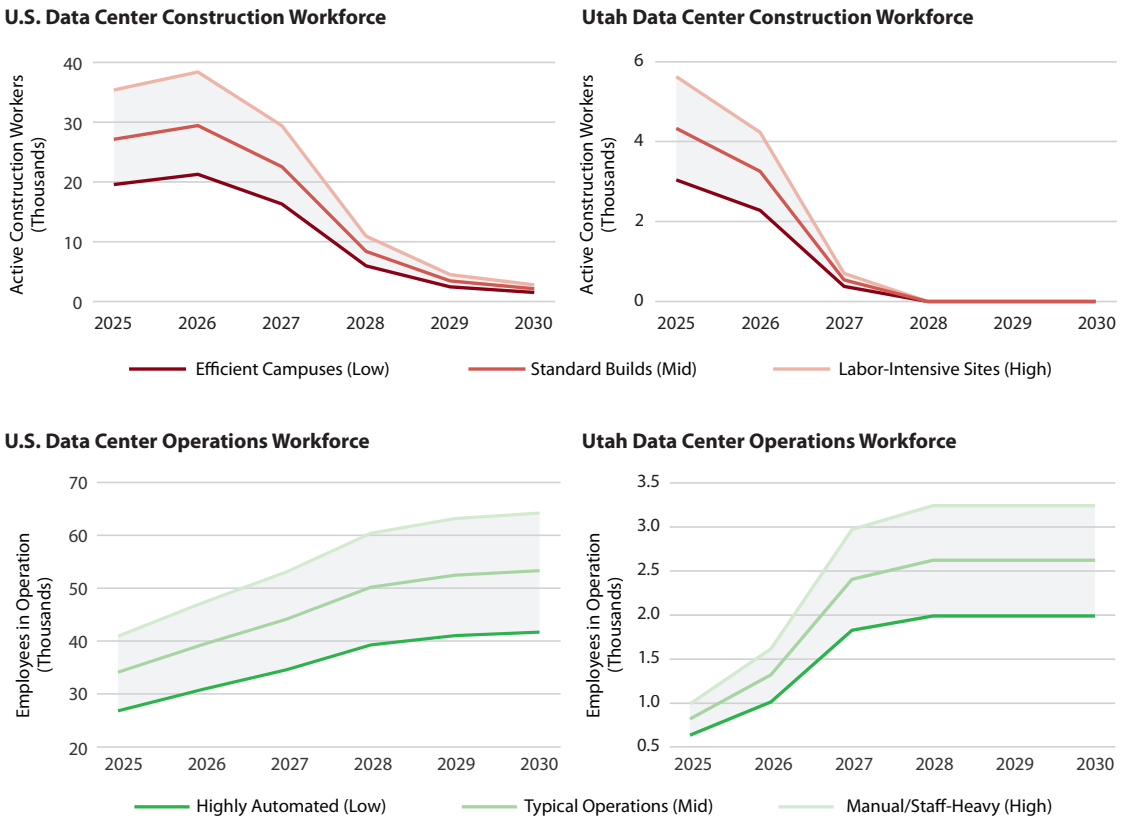


Note: Data covers hyperscale, colocation and cryptocurrency. Uses reported/imputed completion year when available; 2-year build assumed otherwise.
Source: Ryu & Hiatt. (2025). Data Center Employment Forecast Analysis; Hiatt & Ryu. (2025).

The U.S. data center pipeline expected to come online by 2030 will support an estimated 21,000-39,000 active construction jobs, transitioning to 42,000-67,000 permanent operations jobs.

- In Utah, construction employment peaks in 2025 and declines through 2030. Permanent operations jobs will range between 2,000-3,250 by 2030.

U.S. Data Center Construction and Operations Workforce, 2025-2030



Note: This analysis only includes data centers with planned completion dates of 2030 or earlier.
Source: Ryu & Hiatt. (2025). Data Center Employment Forecast Analysis.

Many planned data centers will be located in water- and grid-stressed areas.

- A 100 MW data center consumes approximately 2 million liters of water per day, roughly equivalent to the daily use of 6,500 households.
- Nearly all of Utah's operational and planned data centers sit on the Wasatch Front, classified as "High" baseline water stress by the World Resources Institute.
- The National Electricity Reliability Corporation projects that Utah will face elevated grid risk in 2031, where electricity supply shortfalls may occur under extreme conditions.

Planned Data Centers

43% **Located in high to extremely high water stress areas.**

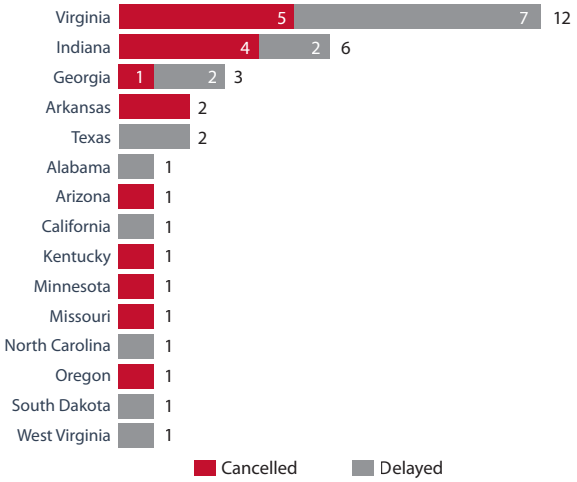
61% **Located in grid areas classified as high or elevated reliability risk**

Note: Data center (hyperscale and colocation facilities) load is concentrated and non-interruptible, meaning it adds to peak demand without flexibility for curtailment.
Source: Hiatt & Ryu. (2025). Data Center Energy Demand: Who, Where, and How Growth Is Emerging. Updated with data through Q2 2025.

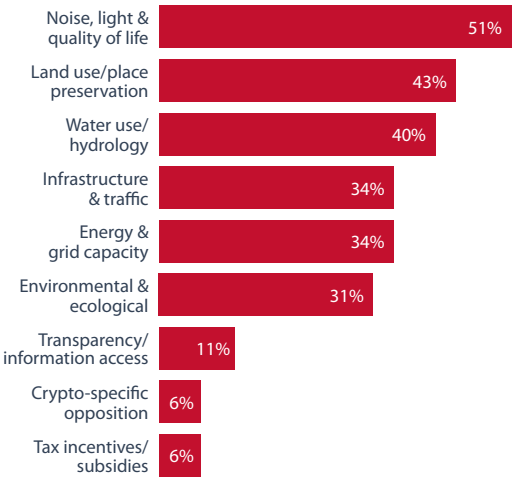
Opposition to data center development leads to project delays and cancellations.

- 17 data centers were cancelled and 18 were delayed due to opposition between 2023-2025.

U.S. Data Centers Cancelled or Delayed, 2023-2025



Top Data Center Concerns



Source: Zage Business of Energy Initiative, University of Southern California. Underlying data sourced from Data Center Watch.

Select Utah Data Center Legislation, 2020-2026

Bill Number (Year)	Summary
S.B. 114 2020	Qualifying data centers (≥150,000 square feet) and their occupants receive sales tax exemption for qualifying purchases of machinery and equipment. This bill modifies the previous S.B. 3002 (2016).
S.B. 132 2025	Establishes terms for providing electrical service to large-scale electrical loads, defines timelines and processes for utilities to respond to large-load service requests, ensures large-load customers pay incremental costs of system and transmission upgrades, and allows large-load customers to negotiate directly with a large-scale generation provider if the generation source will not be connected to the grid.
H.B. 76 2026	Mandates that new large data centers (beginning operations on or after July 1, 2026 and withdrawing ≥75 acre feet of water per year) must report anticipated water needs and annually report water withdrawals.
H.B. 507 2026	Prohibits political subdivisions from providing incentives to large load data centers (≥ 100 MW) unless the data center is located within a regionally significant development zone.

Source: le.utah.gov

Planned Data Centers in Utah, March 2026

Company	Data Center Name	County / City	Status	Operational Year	Nameplate Capacity (MW)
BluSky AI	Nephi	Juab / Nephi	Permitted	2027	4
Creekstone	Delta Gigasite	Millard / Delta	Under Construction	2027	300
Data Center Power Company	Summit Ridge Data Center	Utah / Santaquin	Under Construction	2027	100
Joule Capital Partners	Joule HP Compute Campus	Millard / Delta	Under Construction	2028	1,400
Meta	Eagle Mountain - Building 6	Utah / Eagle Mountain	Under Construction	2026	40
Meta	Eagle Mountain - Building 7	Utah / Eagle Mountain	Under Construction	2026	40
Novva	West Jordan 3	Salt Lake / West Jordan	Under Construction	2026	72
QTS	Eagle Mountain II	Utah / Fairfield	Under Construction	2026	650
Total					**2,606**

Note: Due to uncertainty in Utah's planned data centers, only projects under construction and permitted are included. For multi-phase projects (i.e., Delta Gigasite and Joule HP Compute Campus), only the capacity of phases under construction are included.
Source: Kem C. Gardner Policy Institute analysis of publicly available data from Baxtel, Data Center Map, Datacenter.fyi, public permits, company websites, and verified news sources.

Operating Data Centers in Utah, March 2026

Company	Data Center Name	County / City	IT Load or Nameplate Capacity (MW)
Aligned	SLC-01	Salt Lake / West Jordan	34
Aligned	SLC-02	Salt Lake / West Jordan	48
Aligned	SLC-03	Salt Lake / West Jordan	80
Aligned	SLC-04	Salt Lake / West Valley City	270
DataBank	SLC1 - Downtown SLC	Salt Lake / Salt Lake City	1
DataBank	SLC2 - Granite Point East	Utah / Bluffdale	3
DataBank	SLC3 - Granite Point West	Utah / Bluffdale	7
DataBank	SLC4 - Granite Point	Utah / Bluffdale	4
DataBank	SLC5 - Granite Point	Utah / Bluffdale	10
DataBank	SLC6 - Granite Point	Utah / Bluffdale	22
eBay	eBay Data Center	Salt Lake / South Jordan	24
EdgeConneX	SLC01	Salt Lake / West Valley City	1
Fibernet	Utah Data Center	Utah / Orem	6
FiberState	SLC1	Salt Lake / Draper	4
Flexential	Cottonwood	Salt Lake / Cottonwood Heights	2
Flexential	Downtown Data Center	Salt Lake / Salt Lake City	3
Flexential	Fair Park Data Center	Salt Lake / Salt Lake City	1
Flexential	Millcreek Data Center	Salt Lake / Salt Lake City	2
Flexential	South Valley Data Center	Salt Lake / West Jordan	1
Lumen	Ogden 1	Weber / Ogden	1
Lumen	Salt Lake 1	Salt Lake / Salt Lake City	3
Lumen	Salt Lake City 2	Salt Lake / Salt Lake City	2
Lumen	Salt Lake City 4	Salt Lake / Salt Lake City	1
Meta	Eagle Mountain - Bldg. 1	Utah / Eagle Mountain	40
Meta	Eagle Mountain - Bldg. 2	Utah / Eagle Mountain	40
Meta	Eagle Mountain - Bldg. 3	Utah / Eagle Mountain	40
Meta	Eagle Mountain - Bldg. 4	Utah / Eagle Mountain	40
Meta	Eagle Mountain - Bldg. 5	Utah / Eagle Mountain	40
Newfold Digital	Utah County Data Center	Utah / Provo	3
Novva	West Jordan 1	Salt Lake / West Valley City	31
Novva	West Jordan 2	Salt Lake / West Valley City	72
NSA	Utah Data Center	Utah / Bluffdale	54
Oracle	Salt Lake City	Salt Lake / Salt Lake City	Unknown
Oracle	West Jordan	Salt Lake / West Jordan	Unknown
Regence BlueCross BlueShield	Salt Lake City Data Center	Salt Lake / Salt Lake City	2
Senawave	Salt Lake City	Salt Lake / Salt Lake City	Unknown
Syringa Networks	West Valley	Salt Lake / West Valley City	Unknown
Unisys	Salt Lake City	Salt Lake / Salt Lake City	1
ValorC3	Saint George Data Center	Washington / St George	4
Voonami	Orem Data Center	Utah / Orem	2
Total			**920**

Note: Nameplate capacity of facilities is used when critical IT load information is unavailable. The total number of operational data centers (48) and total capacity (920 MW) come from aggregated 451 Research data, though individual data centers only identified in that dataset are not disclosed here. Eight operating data centers are excluded from this list to avoid disclosure.
Source: Kem C. Gardner Policy Institute analysis of publicly available data from Baxtel, Data Center Map, Datacenter.fyi, public permits, company websites, and verified news sources. Total capacity from 451 Research.

Dr. Shon R. Hiatt
Director, Zage Business of Energy Initiative
Associate Professor of Business Administration

Distinguished professor Dr. Shon Hiatt leads the Zage Business of Energy Initiative at the University of Southern California Marshall School of Business. Dr. Hiatt's research focuses on natural resources with an emphasis in entrepreneurship, global strategy, innovation, and sustainability. Dr. Hiatt, a Societal Impact Seminar guest, assisted in the preparation of this data summary.

Previous University of Utah Societal Impact Seminar Guests:

- Dr. Raj Chetty, Harvard Univ.
- Dr. Yuval Levin, AEI
- Jonathan Rauch, Brookings
- Dr. Tara Sinclair, Georgetown Univ.
- Dr. Michael Strain, AEI
- Dr. Mark Zandi, Moody's Analytics