



Our Data Centers



What's a Data Center?



Data centers are buildings that house essential IT infrastructure. They are the foundation of the digital infrastructure on which our modern society and economy are built. Anything that takes place "in the cloud" is powered by a data center.

Data centers connect us to each other and to a world of possibility. They power virtually all of our daily activities, from streaming movies to purchasing products online, to accessing health records and joining video calls for work or school.

Data Centers have none of the negative operational characteristics of traditional industrial use:

- Very low truck trips and traffic generation (no distribution)
- A focus on security (security is a primary focus)
- Very high property and business/ personal property tax valuation
- Overall minimal site activity once completed
- Highly skilled labor force
- Minimal strain on City services (schools, police, and fire)

Who is Aligned Data Centers?

Aligned is a leading technology infrastructure company offering innovative, sustainable, and adaptive Scale Data Centers and Build-to-Scale solutions for global hyperscale and enterprise customers.

Our intelligent infrastructure reduces the energy, water and space needed to operate our data center solutions, offering businesses a competitive advantage by improving sustainability, reliability and their bottom line.

Community Benefits of Data Centers



Aligned builds long-term community partnerships by listening to local input and creating meaningful, lasting opportunities for businesses and citizens to prosper.

Education & Outreach

We believe that teaching younger generations about the value of trades and careers in critical facilities is a priority in our educational efforts. Providing opportunities for technicians to enter the data center industry via internship or full-time employment are ongoing initiatives, as is increasing support of high school STEM programs.



Technical Training



Internships



Scholarships



Military Recruitment

Giving Back

For years, we've all made an effort to volunteer our time and donate funds and resources to the communities we live and work in – both individually and as an organization.

Through More than Megawatts, we are further building on these efforts and collaborating more closely with our internal teams and stakeholders, as well as with customers, partners and prospects to give, volunteer, and create special engagement elements that drive meaningful impact on the world.



“The notion that a business coming into our area would be so accommodating and interested in our students and high school is amazing! It is apparent that you not only care about your business, but also the community that will be a home to your business. We recognize and are thankful for the incredible opportunities that you will bring to the area for these students.”

Brandy Bennett,
Assistant Principal, Director, Career Technical Education,
Sandusky High School

“With Aligned Data Centers coming in...one good thing is a lot of the trades that were lost – pipefitters, welders, carpenters, are coming back and that's filtering throughout the community, so we're happy about that...”

Tim Coleman,
Perkins Township Trustee Chairman

Economic Growth

Significant revenue through property taxes, leasing, etc. Limited increased burden on City—immaterial increase on schools, police and fire services; limited increase of traffic on stabilization

Job Opportunities

Data center technicians, IT equipment service/repair, site security, equipment maintenance

Community Services

Emergency services, disaster relief, public infrastructure monitoring

Technological Advancement

Technology-related industries and tech start-ups

Improved Connectivity

Increased local internet services/ faster computing speeds

Education And Training

Educational partnerships and training

Green Initiatives

Data Center energy efficient initiatives that align with community goals



“...We had a real challenge in how do you repurpose such a large property...”

Gary Boyle,
Township Administrator, Perkins Township

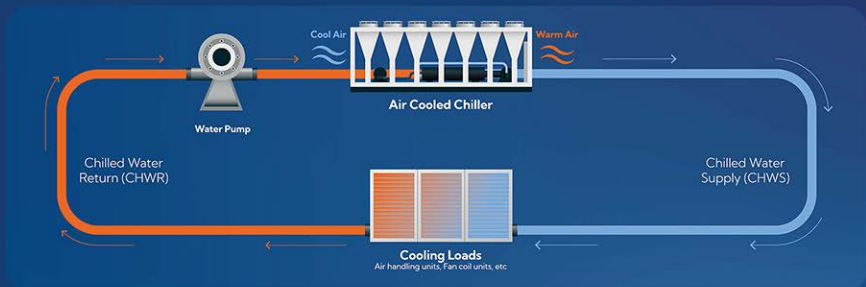
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Water Efficiency

The idea that data centers consume a lot of water is rooted in an older generation of facilities that relied on evaporative cooling. These systems used a significant amount of water. Aligned uses a highly efficient, air-cooled heat rejection system combine with a closed loop system that recycles the same fluid over and over in a sealed environment.

This design requires water only for the initial closed-loop cooling system fill and subsequent strainer maintenance. Following the initial fill, water consumption is limited only to essential non-industrial domestic water uses, such as restrooms and general amenities. To put this in perspective, the Mayor of Northlake, IL, where Aligned operates data centers, recently shared that our entire two-facility campus uses less water than a local laundromat or a car wash.

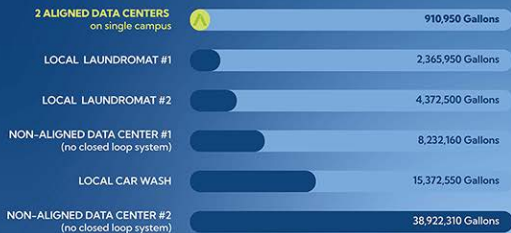


Approximate daily water usage in gallons
(313.23 acre site)



The Aligned campus is projected to save approximately 61.5% daily water usage compared to a residential development, and 96.9% compared to a typical heavy manufacturing industrial user. Comparing the Aligned site to a heavy manufacturing industrial user, that is the equivalent water savings of filling an Olympic-sized swimming pool every 23.9 hours – every day, all year, every year for the life of the project.

Blueprint for Efficiency
Water Conservation at Aligned's
Northlake, IL Campus



Offsite Utilities



PRELIMINARY - NOT FOR CONSTRUCTION

LEGEND

- PROPOSED OFFSITE SANITARY SEWER
- PROPOSED OFFSITE SANITARY SEWER MANHOLE
- PROPOSED OFFSITE WATER LINE



Understanding Emergency Backup Generators



Emergency backup generators are **not** data centers' primary power source. Data centers, like many other essential services that are also reliant on a stable power supply (hospitals, emergency services, transportation infrastructure, etc.) are typically connected to the electrical grid.

Emergency backup generators are only used to power data centers in the event of a disruption of service from the utility. They may also be operated for maintenance and testing purposes to ensure the readiness of the equipment in the event of such utility disruptions.

Testing & Maintenance

Regular emergency backup generator testing and maintenance are essential for ensuring the safety and reliability of our power supply.

Additionally, our emergency backup generators are designed to operate quietly and are equipped with selective catalytic reduction (SCR) to limit emissions. Regular maintenance and testing helps maintain their efficiency and reduce noise levels.

Aligned's average maintenance windows are less than

10 hours / year

per emergency backup generator, with only one or two running on any given day.

Building the Future, Sustainably



Aligned is committed to solving the world's toughest sustainability challenges associated with data center infrastructure, energy consumption and water usage. Our adaptive data center platform is focused on helping companies deliver greater business value with less costly energy and infrastructure resources. Sustainability is, and will always be, at the core of what we do.



Requires less energy, reducing tenant TCO



Highly efficient closed loop system that recycles the same fluid in a sealed environment



Future-proof infrastructure capable of high-density cooling

100% Renewable Power

across our U.S. footprint

The Difference is Our Cooling Technology

Aligned's cutting-edge cooling technologies offer superior sustainability and efficiency compared to traditional methods. By capturing and removing heat directly, our systems avoid the energy-intensive practice of flooding data halls with cold air. This innovative approach results in a lower Power Usage Effectiveness (PUE) and a near-waterless design, making our data centers more environmentally friendly.

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A Green Building Certified Campus

At Aligned, being a good neighbor means protecting our shared environment. We are proud to announce that this new campus will be designed and constructed to achieve official Green Building certification—ensuring the highest standards of energy efficiency, water conservation, and sustainable design.

From site selection and planning to energy and water-efficient design, sustainable material selection, and waste reduction and management, Aligned's sustainable construction program encompasses a holistic approach to building practices that minimizes environmental impact, conserves resources, and promotes healthy, livable, and resource-efficient spaces for future generations.

Sustainable Investments

A segment of the company's financing is tied to core ESG and sustainability objectives:

- **Sustainability Reporting:** Transparency regarding sustainability best practices and reporting
- **Renewable Energy:** A commitment to match 100% of our annual energy consumption to zero-carbon renewable energy across our U.S. footprint
- **Workplace Safety:** Reporting on and having an industry-leading Total Recordable Incident Rate (TRIR)

Carbon Tracking & Supply Chain Decarbonization

Aligned was one of the first data center providers to offer transparent and accurate data of our carbon footprint via a 24/7 carbon tracking platform that measures energy, emissions, and utility information.

Aligned also integrates OriginMark™, an enhanced material traceability system, across our data center portfolio to accelerate supply chain decarbonization and circular asset management.

The technology provides Aligned and our customers a more transparent and granular view of their embodied carbon footprint by tracing the complete lifecycle of data center equipment and devices as well as identifying material recovery and recycling options.



100% Renewable Energy across our U.S. footprint



Waterless Data Centers



Driving Decarbonization



Site Reclamation



Energy-Efficient Cooling



Following decades of systemic underinvestment in the grid, data centers have emerged as reliable anchor customers helping to modernize energy infrastructure and critical stabilizers for the energy market. As data centers add their load to the grid, these facilities become a robust anchor customer base that helps distribute the burden of fixed costs across a wider footprint. Every kilowatt-hour consumed bears a portion of these costs. This process allows the additional load to mitigate upward price pressure for all other customers.

Paying Our Fair Share

Aligned has funded the necessary security/collateral requirements associated with the FERC approved Transmission Security Agreement (TSA). In addition, Aligned is fully funding their own onsite substation and distribution facilities to support the required electrical infrastructure on Aligned's site.

No Grid Instability

To ensure zero impact on local residential power, Aligned will connect directly to the high-capacity regional transmission system. This design bypasses the local distribution lines used by homes and small businesses. The campus will not cause grid instability.

No New Transmission Corridors

Aligned's campus will not require new transmission corridors or impose those costs on ratepayers.

A Stronger Grid for Everyone

Data centers act as "anchor tenants" for the power grid. Every kilowatt we use contributes to the maintenance and operation of regional infrastructure – offsetting costs that would otherwise fall on local families.

From 2019–2024, states with the highest load growth generally saw retail electricity prices decline in real terms – greater load leads to fixed costs being spread over greater demand, reducing per unit costs.

(Source: The Brattle Group, October 2025)



We invite you to explore the data and 3rd party studies:



Factors Influencing Recent Trends in Retail Electricity Prices in the United States
Energy Markets & Planning
Berkley L&D

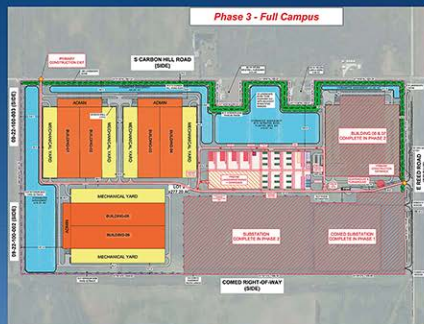
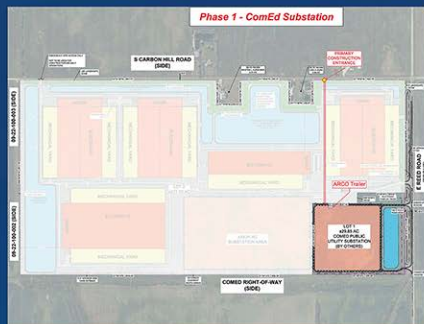


Tailored for Scale: Designing Electric Rates and Tariffs for Large Loads
Energy+Environmental Economics



Utility Bills are Rising: 2025 Review
Powerlines

Site Plan/ Construction Sequence



LEGEND

ARCO Trailer
Owner Trailer
Trailer/Parkette Trailer
Medical Trailer
Prelab Facility
Master Tent
Buggy Parking
Road
Construction Entrance

PROPOSED PROPERTY EXTENTS
EXISTING PROPERTY LINE/ROW LINE
SETBACK LINE
FENCE LINE
SCREEN WALL
PAVEMENT



ZONING INFORMATION

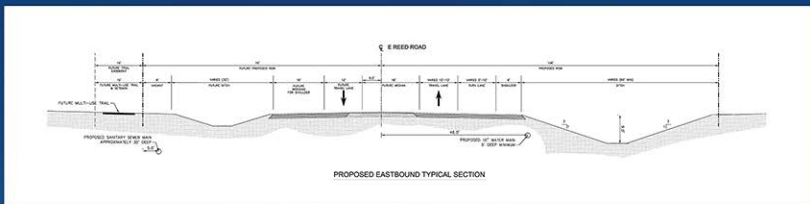
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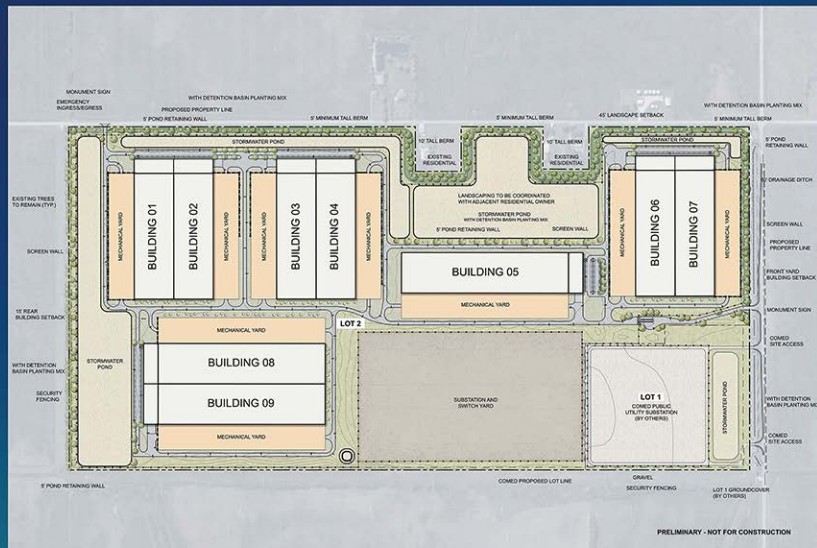
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Aligned



HARDSCAPE LEGEND

-  PAVEMENT
-  GRAVEL
-  MECHANICAL YARD
-  BUILDING

SOFTSCAPE LEGEND

- LANDSCAPE BERMS
- NATIVE SEED
-  STORMWATER POND
-  SUBSTATION

TREES

 EVERGREEN
 DECIDUOUS
 ORNAMENTAL
 EXISTING TREE



Aligned



Infrastructure Improvements

We're excited to share our infrastructure improvement commitment to the future of the Coal City, IL community.

The construction of this data center campus will expand fiber optic infrastructure in the surrounding area. This increased connectivity can benefit businesses, residents, and the community as a whole by improving internet speeds, reliability, and access to communication services.

As part of our development plans, we're **investing in significant upgrades** to our water and sewer infrastructure.

In addition to these infrastructure improvements, we're also planning to make **enhancements to the local roads**. These upgrades will help improve traffic flow, safety, stormwater management, and the overall quality of life for residents.

By taking these proactive steps, we're demonstrating our dedication to the long-term well-being of the community and ensuring that it's well-equipped to thrive for years to come.



LEGEND

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- PROPOSED OFFSITE WATER LINE

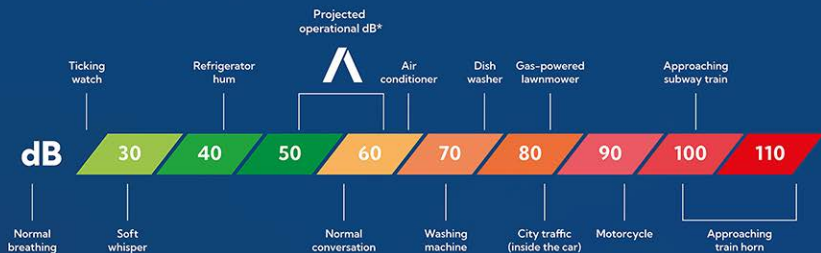


Sound



- Operating sound levels are projected to remain below 55 dBA
- Chillers & backup power generation equipment will feature critical-grade silencing technology; backup power generation equipment will also be housed within acoustically treated enclosures
- Backup power generation equipment use is restricted to minimal scheduled testing and maintenance, as well as rare emergencies
- The project incorporates setbacks
- Defined quiet hours for loud activities

EPA Noise Findings Cited by the CDC



Additional Context

Loud Manufacturing Estimate
75 - 95 dB



Careers



~2,000

Projected construction roles, with a commitment to maximizing utilization of local union labor with the largest demand in MEP trades (mechanical, electrical, and plumbing)

~680

Jobs are anticipated within the campus, 320 Aligned jobs and an additional 360 customer jobs.

1000s more

Indirect jobs generated throughout the regional economy. 1 direct data center job generates ~6.5 additional jobs across the broader economy (PWC)

Thousands more estimated in indirect careers generated throughout the regional economy — from on-site security to customer technical and maintenance teams

Diverse career opportunities ranging from entry-level to highly technical operations roles

High-value career opportunities that keep **talent rooted locally**

Aligned will prioritize the hiring of local construction personnel whenever possible

Locally sourced vendor arrangements are expected to include mechanical and electrical contracts, landscaping, janitorial, and security

Engage with local restaurants and businesses to procure meals and accommodations for on-site employees and contractors

The Digital Future is Built by the Trades

Aligned recently made a \$100,000 donation to the mikeroweWORKS Foundation.

This contribution underscores Aligned's commitment to bridging the skilled labor gap and supporting the trades.

The donation will directly support the Foundation's scholarship programs and initiatives, helping individuals acquire the training and certifications needed for careers in welding, heating, ventilation, and air conditioning (HVAC), electrical, plumbing, and other skilled trades.

“The principles of hard work, determination, and respect for others are always in demand and a big part of our Work Ethic Scholarship Program. I'm grateful to Aligned for their generous support and helping make this our largest scholarship program to date.”

Mike Rowe,
themikeroweWORKS Foundation

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Open House