



**Salish Tribal
Alliance**



CURTIS STOUT

- **DATA CENTER CONSTRUCTION ON TRIBAL LAND**
- **COLLABORATION BETWEEN SALISH TRIBAL ALLIANCE AND CURTIS STOUT**

DATA CENTER

PROJECT DEVELOPMENT



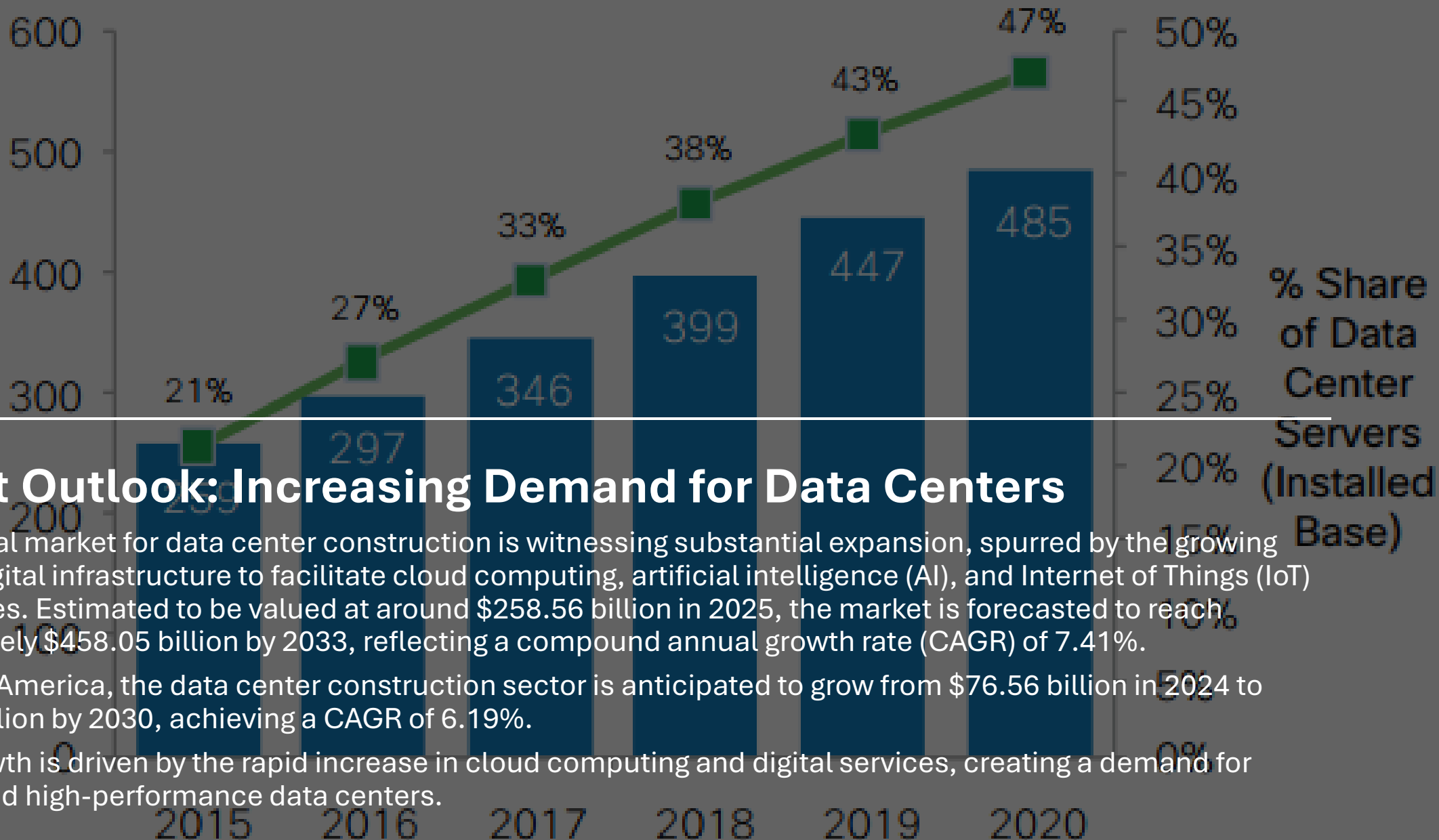
At CSP, our Project Development Approach Involves Several Key Stages:

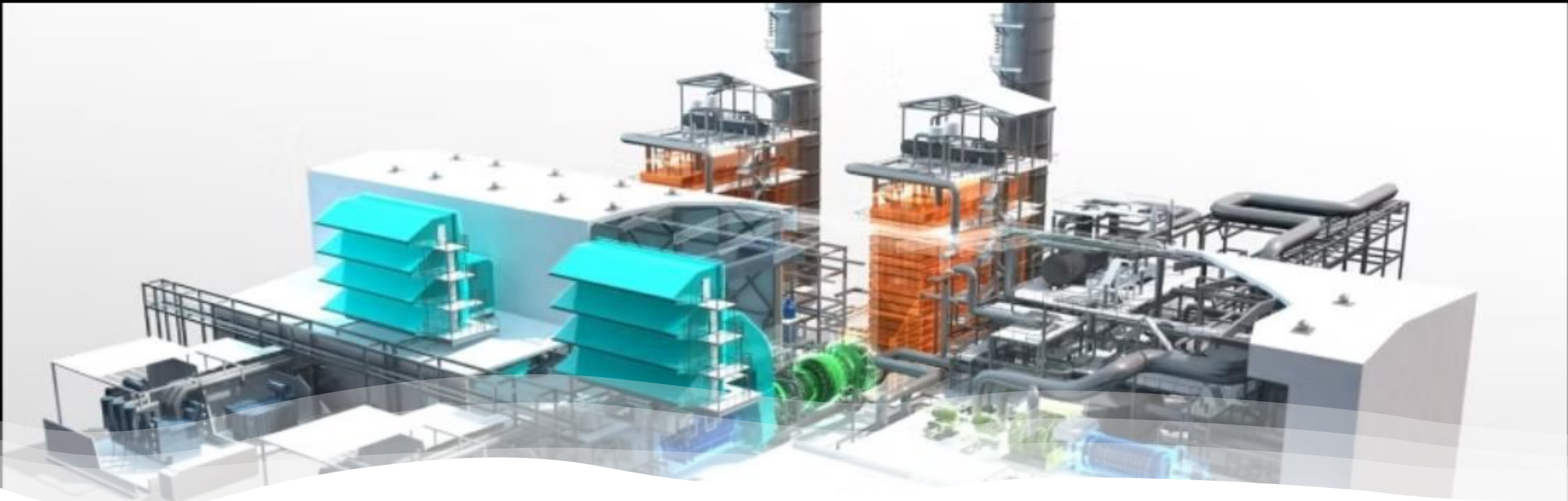
- **Planning and Feasibility Study:** Identify the need for the power plant, evaluate potential locations, assess resource availability (e.g., fuel, water, sunlight, wind), and conduct economic feasibility studies.
- **Permitting and Regulatory Approval:** Obtain necessary permits and approvals from local, state, and federal authorities to ensure compliance with environmental regulations, land use laws, and other requirements.
- **Engineering and Design:** Develop detailed engineering plans and designs for the power plant, including layouts, equipment specifications, and construction details.
- **Procurement:** Source and purchase necessary equipment, materials, and services for the construction and operation of the power plant.
- **Construction:** Build the power plant infrastructure, install equipment, and conduct testing and commissioning to ensure that the plant operates as intended.
- **Operation and Maintenance:** Once operational, manage day-to-day plant operations, conduct regular maintenance activities, and ensure compliance with safety and environmental standards.
- **Monitoring and Evaluation:** Continuously monitor plant performance, conduct regular inspections, and implement improvements to optimize efficiency and reliability.

Hyperscale
Data Centers

Market Outlook: Increasing Demand for Data Centers

- The global market for data center construction is witnessing substantial expansion, spurred by the growing need for digital infrastructure to facilitate cloud computing, artificial intelligence (AI), and Internet of Things (IoT) technologies. Estimated to be valued at around \$258.56 billion in 2025, the market is forecasted to reach approximately \$458.05 billion by 2033, reflecting a compound annual growth rate (CAGR) of 7.41%.
- In North America, the data center construction sector is anticipated to grow from \$76.56 billion in 2024 to \$110.76 billion by 2030, achieving a CAGR of 6.19%.
- This growth is driven by the rapid increase in cloud computing and digital services, creating a demand for scalable and high-performance data centers.





ENERGY IS THE MOST IMPORTANT ASPECT TO
DATA CENTER DEVELOP

THAT'S WHY ANY DATA CENTER DEVELOPERS HAVE TO
HAVE THE BEST ENERGY DEVELOPERS
AS PARTNERS.

DATA CENTERS TAKE A HUGE AMOUNT POWER

CURTIS STOUT HAS THE CAPABILITIES TO DEVELOP
THE REQUIRED ENERGY FOR THESE DATA CENTERS.

MORE ABOUT CSP

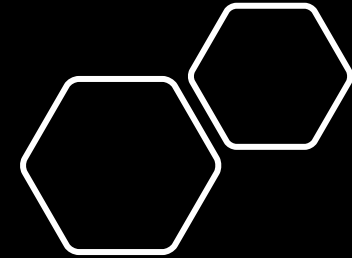
Curtis Stout Power, formerly TG&H Industrial Energy, brings over 35 years of Industrial Construction and Commissioning experience to our team. With over 30,000 MWs of Power Generation and Services supporting various industries in 14 countries, we have a solid, proven track record and professional team approach to our clients and never sacrifice safety or quality. Our team is knowledgeable and equipped to handle every aspect of your project. We offer you a comprehensive turn-key experience to meet all your energy needs on time and within budget.

Curtis Stout Power Services Include:

- [Project Development](#)
- [Project Management & Construction](#)
- [Project Controls & Scheduling](#)
- [Field Services & Industrial Cleaning](#)
- [Startup & Commissioning](#)
- [Operations & Maintenance Support](#)
- [Project Consulting](#)
- [Electrical Testing](#)

Our Projects Include:

- [Combined Cycle Power](#)
- [Solar Power](#)
- [Waste to Energy](#)
- [CHP](#)
- [Battery Storage](#)





BIG WATT

DIGITAL

WHY BIG WATT: The Integrated Advantage

Big Watt delivers a unique advantage by combining power generation and data center development expertise, providing a streamlined and efficient solution for hyperscale clients:

- **Hyperscaler Focus:** Active dialogue and tailored solutions for all leading hyperscaler customers.
- **Energy + Compute Synergy:** Integrated generation + infrastructure model for optimized performance and efficiency.
- **De-risked Execution:** Land, power, and buildout in one unified pipeline, minimizing development risks and accelerating deployment.
- **Proven Track Record:** 1 GW of development experience, including APEX (600 MW) & Coye Springs (300 MW).
- **AI-Ready Infrastructure:** Rapid response and scalable solutions to meet surging compute demands.

Sustainability

Powering America's AI Dominance necessitates a commitment to sustainability and energy independence, moving beyond sole reliance on the grid. Our best-in-class team is focused on efficiently and sustainably converting diverse energy sources into economic value, striving towards a carbon-neutral future.

Leadership

Meet our team of experts, bringing decades of experience in energy, data infrastructure, and capital markets to Big Watt Digital. Our comprehensive team spans directors, executives, team members, contractors, and advisors, with specialized knowledge across all key aspects of our operations, from facility design and deployment to engineering and strategic development.

SOUTH DAKOTA

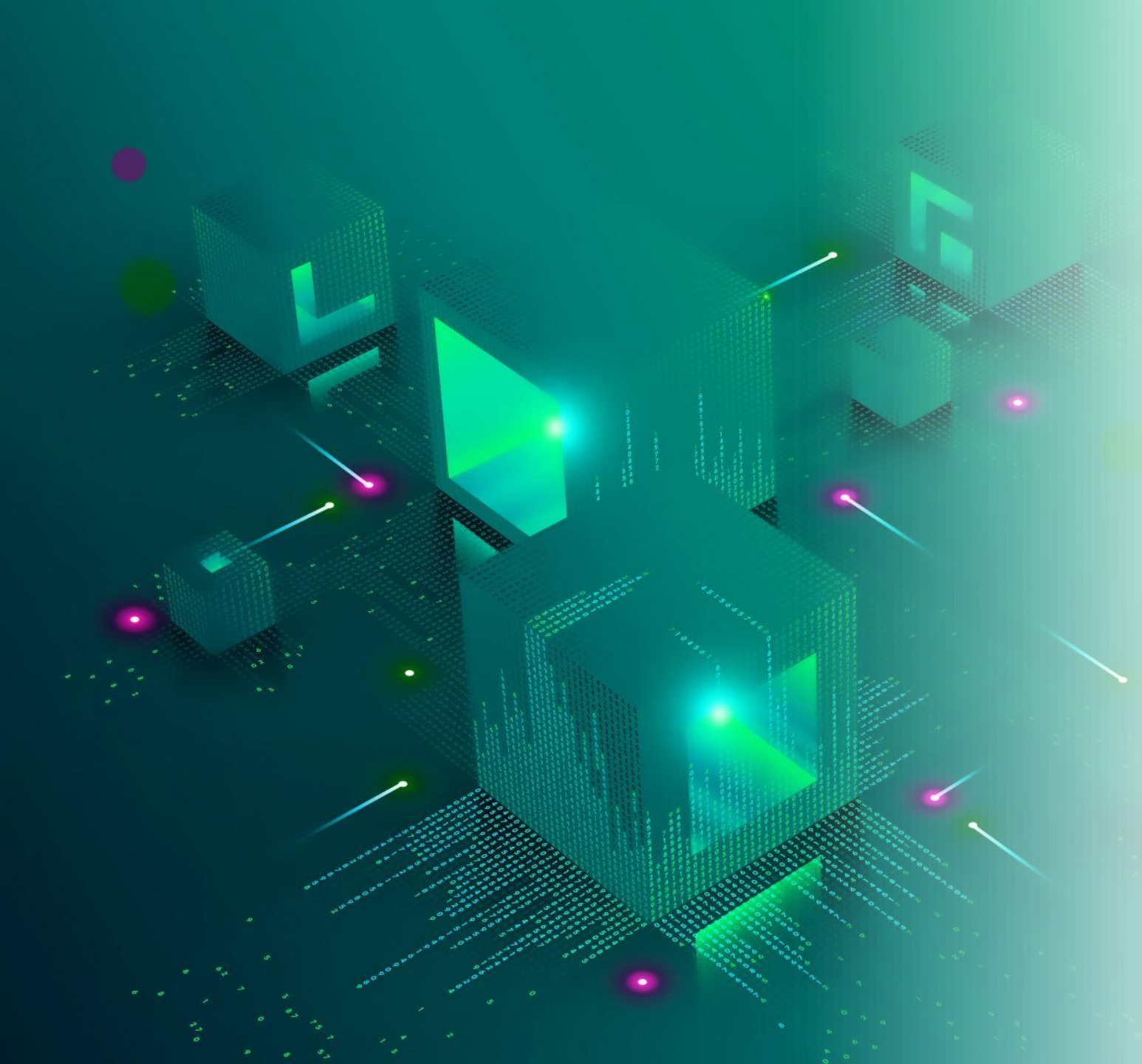
Our South Dakota data center is our flagship mining facility that currently houses industry-leading servers to build part of the Bitcoin network within the state. This facility is used to verify transactions posted to the Bitcoin ledger, helping the network stay secure and transparent while converting energy into economic value.

The key factors in the decision to build in South Dakota included the high percentage of available renewable energy, the business-friendly work environment, and a highly-educated workforce. Our site benefits from some of the lowest energy congestion in the country.

ECONOMIC BENEFITS

Data Centers present a significant opportunity to drive South Dakota's economic growth and foster technological advancement and innovation in the state. Not only can Data Center Development bring new employment opportunities, it can also generate significant new revenue for local schools as well as additional infrastructure funds.*


A PARTNER OF CURTIS STOUT IN DATA CENTER DEVELOPMENT



- **Key Drivers of Demand**

- **Artificial Intelligence (AI):** The rapid advancement of AI applications across industries is a significant driver of data center demand. AI workloads require substantial computational power, leading to increased data center development.

- **Cloud Computing and IoT:** The proliferation of cloud services and IoT devices necessitates robust data infrastructure, further fueling data center growth.

The background of the slide features a faded, light blue image of industrial infrastructure. It shows large vertical pipes, horizontal conduits, and metal scaffolding or walkways, typical of a power plant or refinery. The sky in the background is a pale, clear blue.

Challenges & Considerations in Data Center Development

- **Energy Consumption**

Projected to reach 12% of U.S. electricity use by 2028 (up from 4.4% in 2023)

Raises sustainability and environmental impact concerns

- **Environmental Impact**

Hyperscale data centers can consume over 365 million gallons of water annually for cooling

- Puts pressure on local water supplies and ecosystems

- **Regulatory Scrutiny**

Increased oversight from communities and regulators

Focus on land use, water access, and sustainable energy sourcing

- **Why Curtis Stout is Ready**

Experts in energy systems and plant development

Proven ability to deliver efficient, sustainable solutions

Positioned to lead in building responsible, high-performance data centers



Salish Tribal Alliance

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