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Vantage Data Centers and VoltaGrid Establish Partnership to Deploy More Than One Gigawatt of Power Generation

Industry-leading partnership enables Vantage to meet growing customer demand at scale across power constrained markets in North America

DENVER (Feb. 11, 2025) – Vantage Data Centers, a leading global provider of hyperscale data center campuses, and VoltaGrid, an innovator in advanced microgrid power generation, today announce a groundbreaking partnership aimed at delivering rapid, scalable energy solutions in markets where grid power is constrained. This collaboration will set a new benchmark for speed, reliability and energy access, meeting the growing demand for data center energy solutions driven by hyperscalers and large cloud providers without putting additional cost or strain on grid systems.

Under this strategic agreement, VoltaGrid will deploy more than one gigawatt (GW) of prime power generation capacity across Vantage’s expanding North America portfolio with the ability to deliver unmatched performance and speed, ensuring hyperscale customers have the reliable infrastructure they require without delays.

“Cloud and AI technologies require the rapid development of additional data center infrastructure. The sector faces a major hurdle in securing timely power at scale,” said Dana Adams, president, North America at Vantage Data Centers. “Partnering with VoltaGrid is an ideal solution to deploy capacity in constrained power markets to meet customer demand for new and innovative technologies that will bring social and economic benefits. With innovative technologies and a shared commitment to sustainability, Vantage and VoltaGrid are well positioned to support our customers while setting new standards for energy deployment in the industry.”

Meeting the Challenges of Grid Constraints with Innovation

As grid capacity becomes an increasing bottleneck for hyperscale and AI data center developments, this partnership leverages VoltaGrid’s natural gas microgrid technology to overcome these challenges. By integrating portable and stationary solutions, Vantage and VoltaGrid can provide a flexible, efficient and environmentally-conscious approach to powering critical digital infrastructure.

Key Highlights of the Partnership

- **Unmatched Deployment Speed:** Designed for speed, the VoltaGrid solution is engineered for quick deployments and installation within months.



- **Scalability to Match Demand:** As customer requirements increase, Vantage and VoltaGrid can deliver more than 1GW of power, ensuring energy solutions can meet the dynamic growth of the digital economy.
- **Sustainability as a Core Pillar:** Utilizing advanced natural gas-powered microgrids with up to 98% emissions reduction specifically from criteria air pollutants, this partnership ensures Vantage’s operations are not only reliable but also environmentally responsible. VoltaGrid’s technology can take advantage of 100% hydrogen-based or renewable natural gas fuel sources when viable and offers carbon offsets for advanced net zero solutions.
- **Rapid Permitting and Compliance:** VoltaGrid’s emissions control technologies simplify permitting processes, ensuring fast-track project approvals.

“VoltaGrid’s expertise in deploying scalable and reliable power systems aligns perfectly with Vantage’s mission to deliver world-class data center infrastructure,” said Nathan Ough, president & CEO of VoltaGrid. “Our ability to rapidly deploy scalable energy solutions will redefine industry expectations and provide AI hyperscalers with the means and confidence to continue to scale their operations.”

About Vantage Data Centers

Vantage Data Centers powers, cools, protects and connects the technology of the world’s well-known hyperscalers, cloud providers and large enterprises. Developing and operating across five continents in North America, EMEA and Asia Pacific, Vantage has evolved data center design in innovative ways to deliver dramatic gains in reliability, efficiency and sustainability in flexible environments that can scale as quickly as the market demands.

For more information, visit <http://www.vantage-dc.com>.

About VoltaGrid LLC

VoltaGrid is an advanced energy management and generation company providing innovative solutions for portable and stationary power applications. Serving industries including data centers, AI hyperscalers, utilities and mining, VoltaGrid combines cutting-edge technology with a commitment to sustainability and emissions reduction.

For more information, visit www.voltagrid.com.

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