

Jakarta data center energy storage

JAK1, with a 24MW IT load and network rich connectivity, is ideal for companies looking for a secure and resilient hyperscale facility in Jakarta. With the option for customized data halls, customers have the flexibility to create an ecosystem that suits their business needs.

Designed to meet energy performance and sustainability objectives, JAK1 aims to be the first LEED platinum rated data center of its kind in the country. With a PUE of 1.3, it is one the most efficient facility in Indonesia.

(Jakarta, 5 June 2023) PT Ekagrata Data Gemilang ("EDGE DC"), a Digital Edge company focused on providing low latency connectivity services to support the growing digital economy in Southeast Asia, has set new standards in sustainable data center design in Indonesia.

In an effort to reduce carbon footprint and achieve carbon neutrality by 2030, EDGE DC has announced that its EDGE1 facility in downtown Jakarta is now utilizing 100% Renewable Energy Certificate (REC) from PLN, making it the first fully operating data center in downtown Jakarta to do so. The company also announced that its new data center, EDGE2, will be the first facility in Indonesia to deploy innovative new cooling technology from Nortek, which will make it one of the most efficient data centers in the market when it comes online at the end of this year.

"Representing a radical step-change in reduced power and energy usage, our StatePoint(R) technology sets the bar for sustainability in data center cooling and simultaneously lowers operational costs. As a Digital Edge company, EDGE DC are champions of building responsible digital ecosystems and together we're partnering to build more cost effective, environmentally responsible solutions for data center cooling." says Dick Pope, Vice President and General Manager Nortek Data Center Cooling.

As of April 2023, PLN UID Jakarta Raya has supplied over 72,000 REC units of renewable energy as part of its commitment to support the government's Net Zero Emission 2060 program. Doddy B. Pangaribuan, General Manager of PLN Unit Induk Distribusi Jakarta Raya said, "The use of green energy by technology-based businesses, especially data centers, further demonstrates the importance of prioritizing environmental sustainability. We are pleased to support EDGE DC once again as it continues to pioneer renewable energy data centers in Jakarta".

"I want to congratulate and express my appreciation to EDGE DC for the inauguration of EDGE2 as part of the data center ecosystem in Indonesia. Keep up the innovation to provide data center services that are more reliable and secure, and support sustainable development," he added.

Jonathan Chou, Chief Product Officer of Digital Edge added, "We are excited by the growth opportunities across Indonesia and this new facility in downtown Jakarta further expands our presence across South East

Asia, while bringing much needed capacity to one of the region's fastest growing digital economies. With its innovative and highly energy efficient design, we are confident EDGE2 is well placed to capture the growing wave of demand for ever power hungry AI and hyperscale deployments that continue to shape Asia's digital infrastructure landscape."

Donauly Situmorang, Director, Indonet stated, "The launch of EDGE2 aligns with Indonet's vision, to become the most trusted digital infrastructure service provider. EDGE2 also shows our strategic collaboration with industry leaders, strengthening service offerings and ensuring businesses receive the highest standards of quality and performance. This facility will empower businesses with unparalleled connectivity and reliability, reinforcing our commitment in Indonet to further developing and enhancing Indonesia's digital landscape."

Stephanus Oscar, CEO of EDGE DC concluded, "We believe that EDGE2's achievement reflects the company's commitment to excellence and innovation in the digital infrastructure landscape in Indonesia. The establishment of EDGE2 marks a significant leap forward, setting new standards and solidifying the company's position as a leader in the industry. EDGE2 is designed to meet the evolving needs of businesses as they adapt to our increasingly digitized world, ensuring unparalleled security, reliability, and scalability of our customers' mission critical infrastructure."

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Web: <https://sumthingtasty.co.za/contact-us/>

Email: energystorage2000@gmail.com

WhatsApp: 8613816583346

