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DayOne Data Centers prioritises energy efficiency

The Star, Malaysia

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JOHOR BARU: Global pioneer in digital infrastructure platforms, DayOne Data Centers (DayOne), has focused on optimising its energy and water consumption to support Malaysia's sustainability goals while maintaining high-performance operations as global demand for digital infrastructure surges.

DayOne Data Centers Malaysia Sdn Bhd general manager Jimmy Yan said data centres inherently consumed a significant amount of electricity and water to power servers and artificial intelligence systems, and efficiency remains the company's core strategy.

"If you talk about daily consumption, we're looking at a few million litres of water per day. But rather than absolute numbers, we measure efficiency using indicators like power (PUE) and water utilisation efficiency (WUE).

"Our PUE and WUE remain at relatively low levels, and that's a better gauge of performance," he told *Bernama* in an interview recently.

Jimmy added that several of DayOne's facilities use "zero water" cooling technologies to eliminate water dependency, although such systems require higher energy input.