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Empyrion Digital clears key approvals for Johor data centre

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An artist's impression of Empyrion Digital's first data centre campus in Malaysia, to be located in Nusajaya, Johor. EMPYRION DIGITAL WEBSITE PIC

LARGEST INVESTMENT TO DATE

Empyrion Digital clears key approvals for Johor data centre

KUALA LUMPUR: Singapore's Empyrion Digital has received approval for both the Electricity Supply Agreement and Data Centre Task Force application for its first data centre campus in Malaysia.

Located in Nusajaya within the Southern Industrial Logistic Cluster of Johor, the project is Empyrion Digital's largest investment to date and its sixth data centre development across Asia.

The Johor Data Centre Campus (MY1) will be developed on a 14.13 ha site.

The data centre will comprise five 40-megawatt (MW) buildings

developed in phases to meet surging demand for high-performance computing, artificial intelligence and cloud infrastructure in Southeast Asia.

The first phase is targeted to be ready for service in the fourth quarter of next year.

Empyrion Digital has secured 145MW of initial power allocation from Tenaga Nasional Bhd, with earliest energisation targeted for September, and scalability to support the full campus.

TNB will supply a stable, high-capacity electricity feed for hyperscale workloads.

"Malaysia has emerged as a key destination for hyperscale data

centres, driven by strong digital transformation, favourable infrastructure and government support.

MY1 reflects Empyrion Digital's continued ambition to expand our pan-Asian platform and meet our customers' needs for scalable, green-by-design and AI-ready infrastructure.

"Johor will be a cornerstone location in this strategy," said Empyrion Digital chief executive officer Mark Fong.

MY1 will incorporate liquid and air-cooled technologies, targeting a power usage effectiveness below 1.3 for liquid cooling and below 1.4 for air cooling.