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# **BESS Uninterruptible Power Supply in Osaka Japan**

Why is LTDA important for Eku Energy's Eshi BESS?

LTDA represents an important milestone not only for Eku Energy's Eshi BESS but also for Japan's goal of achieving net zero greenhouse gas emissions by 2050 with LTDA encouraging new investment to accelerate Japan's energy transition.

How many BESS projects were awarded?

In total, 1.4 GW of BESS was allocated, with 27 projects awarded contracts as part of the capacity market. Six of these projects feature durations of six hours or longer, while 21 are for batteries with durations between three and six hours. BESS was the most oversubscribed technology, with only 20% of the bid capacity awarded.

When will Eshi BESS be operational?

Eshi BESS is expected to be operational no later than 2030. The BESS can store electricity equivalent to the power consumption of approximately 337,000 households (about 1/3 of the total number of households in Okayama Prefecture) for four hours.

Eku Energy, a global battery storage business wins Japan's LTDA for 150 MW BESS, bolstering its mission to accelerate clean energy.

Osaka Gas, Itochu, and Tokyo Century commissioned the 11MW/23MWh Senri Power Storage Station in Suita City, Osaka Prefecture, on August 20, 2025, the companies ...

Japan's largest renewable battery energy storage system (BESS) project has broken ground in Kyushu under developers, Osaka Gas and Sonnedix.

Itochu has launched Senri Power Storage, a grid-scale battery energy storage system (BESS) project with 11 MW output and 23 MWh energy capacity in Suita City, Osaka ...

Osaka Gas and Sonnedix have announced plans to install a BESS at the latter's 38.7MW Oita solar project in Japan.

The Japan Battery Energy Storage Systems (BESS) market is experiencing dynamic growth in Q1 2025, driven by the increased integration of renewable energy sources and electric vehicles, ...

The uninterruptible power supply (UPS) market in Japan presents a unique landscape with a complex interplay of growth opportunities and challenges. While the ...

Several telecommunication players and data center owners are already switching to BESS as their uninterruptible power supply solution ...

In an era of rapid technological advancement and increasing reliance on renewable energy, battery energy storage systems (BESS) are emerging as pivotal players in ...

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Osaka Gas and Sonnedix installing what is claimed to be the largest BESS co-located with renewable energy generation in Japan so far.

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