

ENERGY STORAGE SYSTEM à,ìà,μ à,-à,°à¹,,à,£ à,šà¹%à,²à,‡ SINGAPORE

114KWh ESS



114KWh ESS

What is Singapore's largest energy storage system? In Singapore, we operate Southeast Asia's largest energy storage system. The 285MWh system on Jurong Island supports the country's growing deployment of solar energy, while enhancing grid reliability and energy supply security. Sembcorp Energy Storage System in Singapore

114KWh ESS



114KWh ESS

What are energy storage systems? TORAGE SYSTEMS 1.1 Introduction Energy Storage Systems (ESS) is a group of systems put together that can store and release energy as and when required. It is essential in enabling the energy transition to a more sustainable energy mix by incorporating more renewable energy sources that are intermittent

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114KWh ESS

Why are energy storage systems important in Singapore? Energy storage systems are instrumental in Singapore's switch to clean energy to enable a stable power supply to homes and businesses. Batteries remain the main technology for energy storage solutions. Renewable energy adoption is increasing as solar battery capacity rises, and batteries become cheaper.

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114KWh ESS

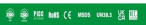
What is the ESS Handbook for energy storage systems? andbook for Energy Storage Systems. This handbook outlines various applications for ESS in Singapore, with a focus on Battery ESS (BESS) being the dominant technology for Singapore in the near term. It also serves as a comprehensive guide for those who

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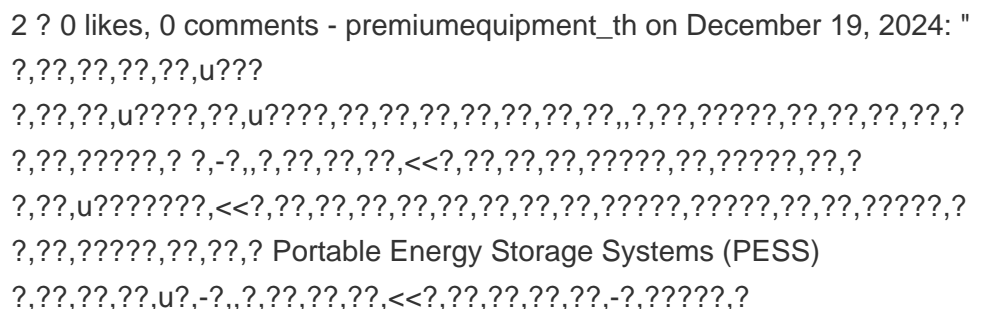
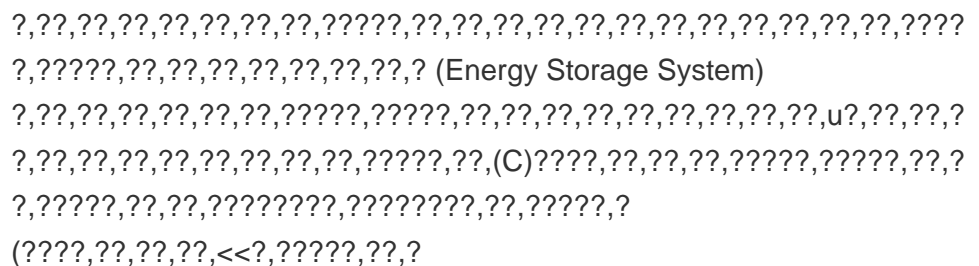
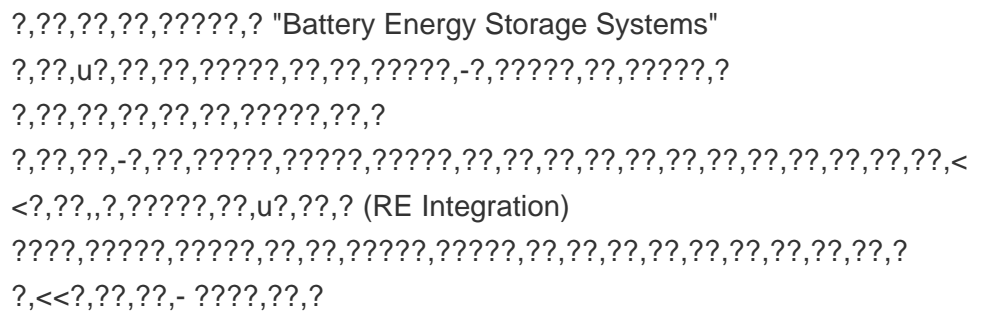
Does Singapore have a resilient energy grid? The Singapore government has implemented a good number of initiatives to ensure the resilience of the energy grid, including the use of energy storage systems (ESS).

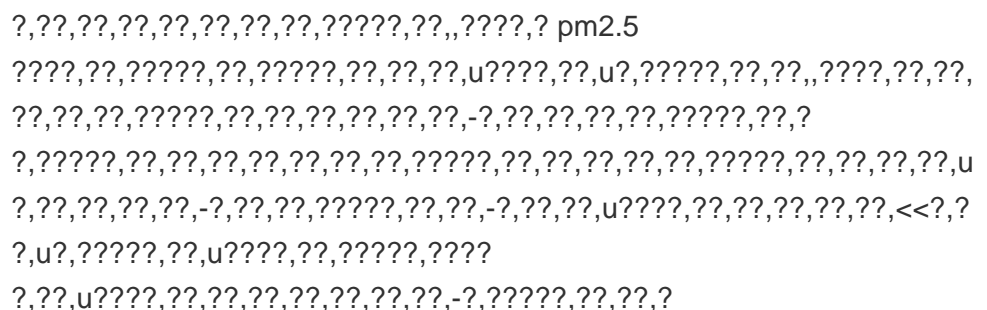
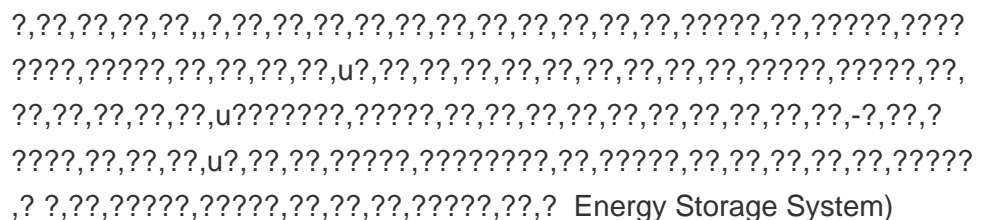
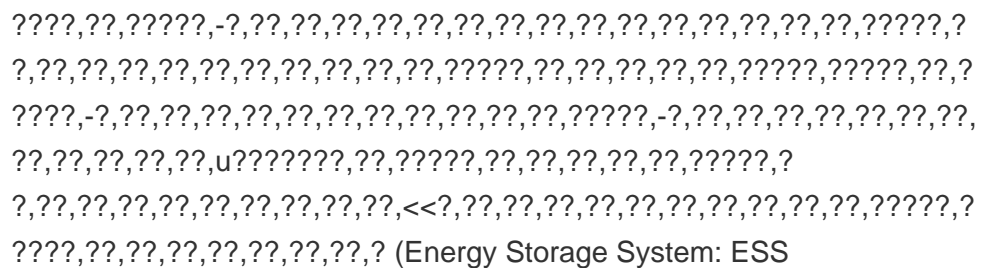
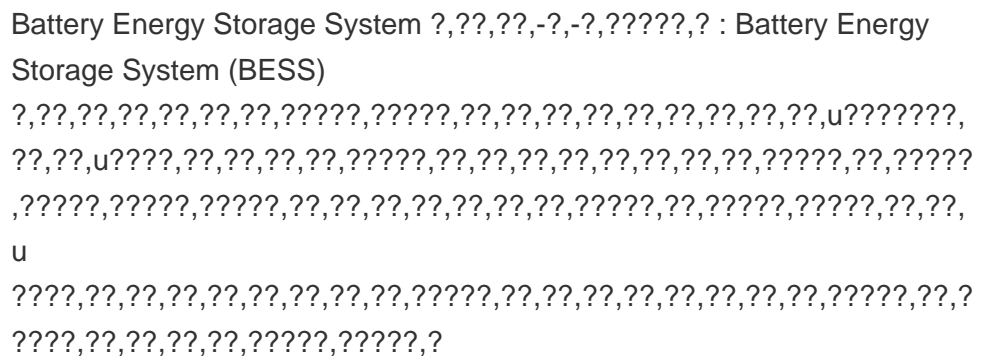


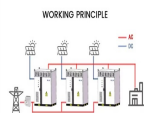
Web: <https://www.twojaelektryka.com.pl>

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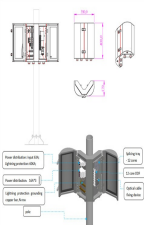
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In Singapore, we operate Southeast Asia's largest energy storage system. The 285MWh system on Jurong Island supports the country's growing deployment of solar energy, while enhancing grid reliability and energy supply security.



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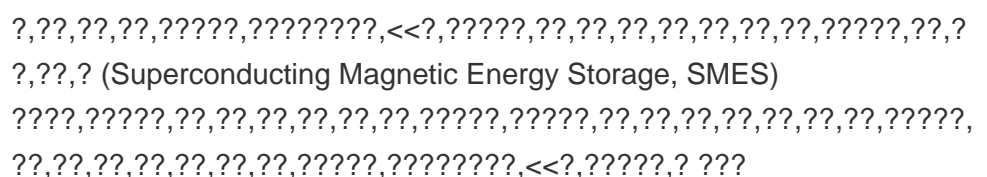
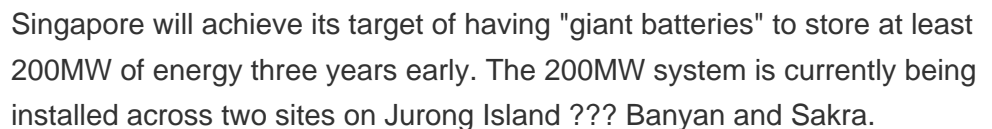
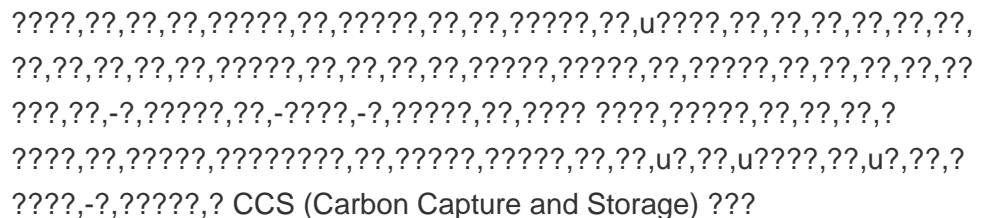
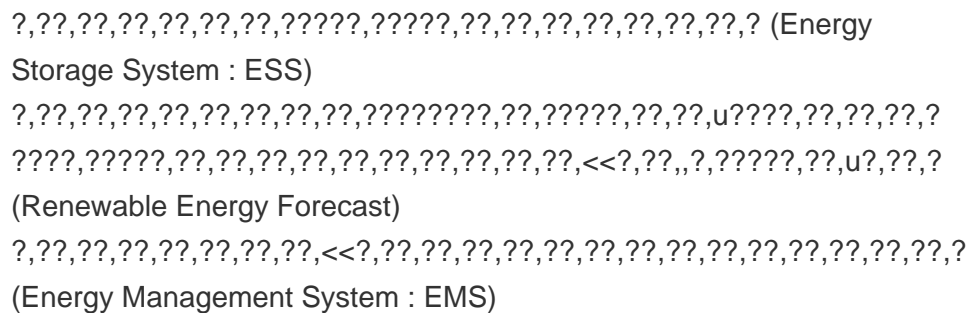
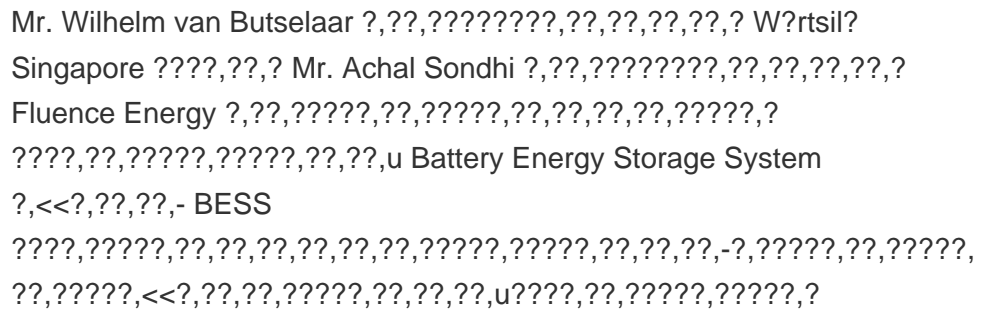
Singapore's First Utility-scale Energy Storage System. Through a partnership between EMA and SP Group, Singapore deployed its first utility-scale ESS at a substation in Oct 2020. It has a capacity of 2.4 megawatts (MW)/2.4 megawatt-hour (MWh), which is equivalent to powering more than 200 four-room HDB households a day.



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