

---

# Singapore Underground Energy Storage Project

Why is energy storage important in Singapore?

Puah Kok Keong, Chief Executive, EMA said, "As Singapore expands solar deployment, energy storage systems will become more important to enhance grid resilience and ensure power system stability. I welcome the development of energy storage systems that are safe, cost-effective and space-efficient."

Does Singapore need energy storage systems to manage solar intermittency?

However, the minister said there is a need to "step up energy storage systems to manage solar intermittency." Talks are currently ongoing with Sembcorp, the engineering conglomerate behind the 200MW/285MWh battery energy storage system (BESS) installation on Singapore's Jurong Island.

How much EMA grant for sodium-ion battery & underground storage research in Singapore?

On 23 Oct 2024, Singapore announced S\$7.8M EMA Grant for Sodium-ion Battery and Underground Storage research in Singapore. Image Source: Artist Impression (Image for illustration purposes only)

Will EMA & Sembcorp expand solar energy storage in Singapore?

With that one project, Singapore is 200MWh by 2025 energy storage target and minister Gan Kim Yong said it helps to "counteract sharp and unexpected drops in solar energy." "EMA and Sembcorp are in discussions to expand the system and increase the land use density in tandem," Yong said.

The Energy Market Authority (EMA) has awarded grants totalling \$7.8 million to two companies to explore solutions that could enhance the cost-effectiveness and optimise the ...

Built across two sites on Jurong Island, Sembcorp's lithium ion battery storage system will now be expanded to 311 MWh. Meanwhile, ...

From renewables to innovative energy and urban solutions, we play our part in creating a sustainable and low-carbon future across Asia and the world.

Singapore, 22 October 2024 - The Energy Market Authority (EMA) has awarded grants totalling \$7.8 million to two companies to explore solutions that could enhance the cost-effectiveness ...

Singapore awards S\$7.8M EMA grant for energy storage solutions. Posh Electric to test sodium-ion batteries as cheaper alternative. VFlowTech to study underground energy ...

The Energy Market Authority (EMA) has awarded grants totalling \$7.8 million to two companies to explore solutions that could ...

The innovative hybrid system is expected to become commercially available and play a part in

---

reducing carbon footprint and ...

SINGAPORE - As Singapore seeks to harness as much sunshine as it can to maximise its limited renewable energy sources, it ...

Singapore-based energy and urban development company Sembcorp Industries has officially opened the 285-MWh utility-scale energy storage system (ESS) on the country's Jurong ...

**ABOUT THE ENERGY MARKET AUTHORITY** The Energy Market Authority ("EMA") is a statutory board under the Ministry of Trade and Industry. Our main goals are to ensure a ...

Web: <https://hakonatuurfotografie.nl>

