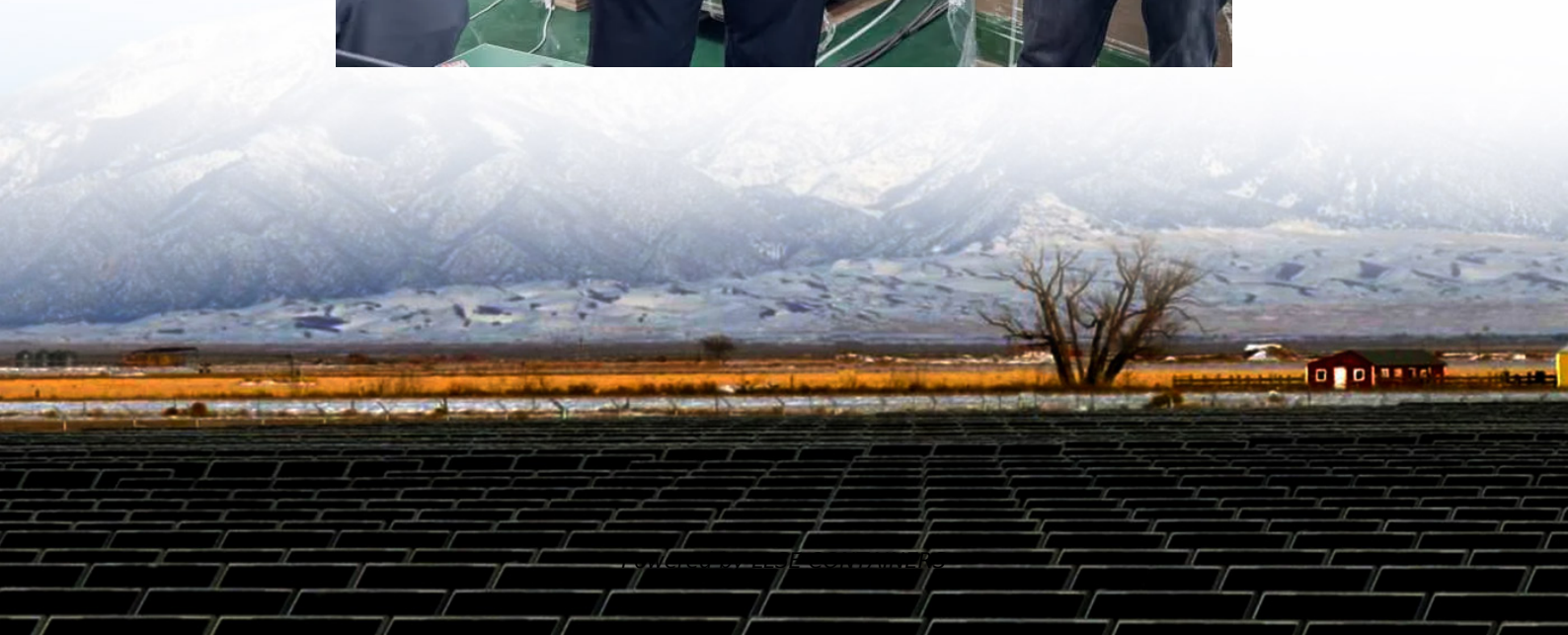


# **Which energy storage power station is best in Malta**





## Overview

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Why is Malta a good place to store electricity?

By efficiently storing electricity for long durations, Malta's system can enable increased penetration of renewable energy from intermittent sources, maintain grid reliability, and accelerate the decarbonization of the energy sector.

What is the Malta PHES energy storage system?

The Malta PHES energy storage system is built upon well-established principles in thermodynamics and uses conventional components that have been present in power plants for hundreds of years. Electricity from the grid is used to heat molten salt and cool a chilled liquid. In these forms, energy can be efficiently stored for long durations.

What is Malta's Energy & Climate Strategy?

This project is in alignment with Malta's energy and climate strategies, as it emphasises the integration of energy emanating from renewable sources and the mitigation of energy curtailment, thus enhancing energy security and reducing carbon emissions.

How much power will Marsa Power Station have?

The first system (BEES 1), rated at 20MWh (8MW), will be located in the underground tunnels of the former Marsa power station while the second system (BEES 2) shall have a rating 64MWh (32MW) and shall be located within the precincts of the Delimara power station.



## Which energy storage power station is best in Malta

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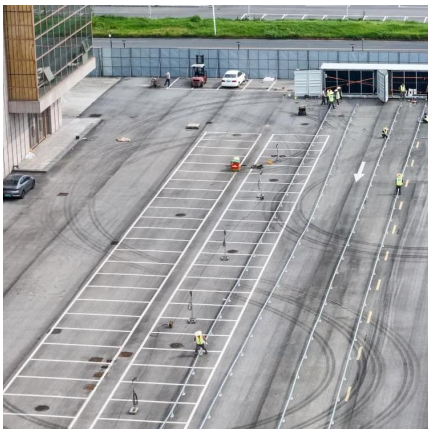
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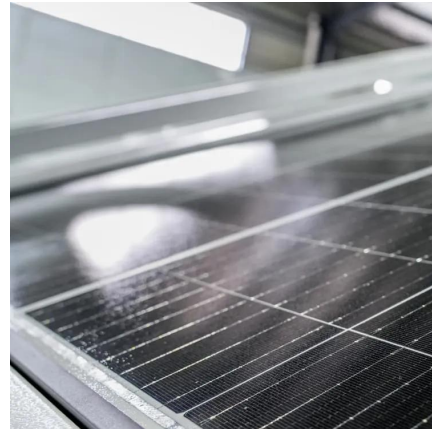
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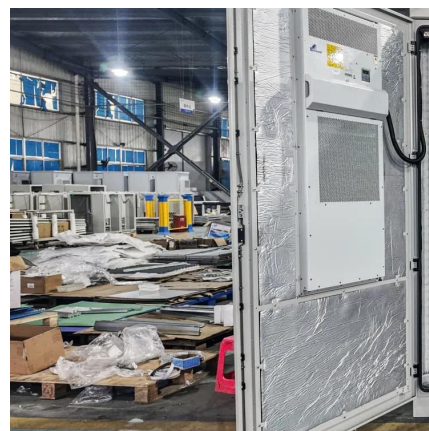


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