

# **Malta Commercial Energy Storage Equipment Company**





## Overview

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What is Malta's energy storage system?

Malta's grid-scale, long-duration energy storage system helps governments, utilities, and grid operators transition to low-cost, carbon free renewable energy while enhancing energy security. Storing electricity for eight hours to eight days or longer, the solution reduces CO<sub>2</sub> emissions and dependence on natural gas.

Is Malta the first company to commercialize a thermoelectric energy storage system?

Christian Bruch, President and CEO of Siemens Energy, said, " Malta's innovative thermoelectric energy storage system offers a flexible, cost-effective and scalable solution for the storage of energy over long periods of time. With our support, Malta is well positioned to be the first company to commercialize such a solution globally.

How efficient is Malta's thermal storage system?

Malta's system also achieves a power-to-power charge/discharge round-trip efficiency (RTE) of up to 60%, which is about 50% higher than other thermal storage systems without heat pump charging.

Who invested in Malta energy?

CAMBRIDGE, Mass.-- (BUSINESS WIRE)--Malta Inc., a leader in long-duration energy storage, today announced that it has closed on a round of financing provided by a group of investors including Siemens Energy Ventures and Alfa Laval as well as existing shareholders Breakthrough Energy Ventures, Proman, Chevron Technology Ventures, and Piva Capital.



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### [Malta Inc: "Our technology provides long-duration storage ...](#)

Mar 31, 2025 · The company, named to Time magazine's Top GreenTech Companies 2024, has developed a system that stores energy in the form of heat in molten salt and cold in a cooled ...

### [Malta Inc. & CA Infraestructuras Energía agree pumped heat energy](#)

Oct 2, 2024 · Electro-thermal long-duration energy storage Malta Inc. and CA Infraestructuras Energía 2023, S.L.U (Cox), which specialises in the development of energy have agreed a ...



### [BBVA supports Malta Inc.'s long-duration thermal energy storage ...](#)

Jun 19, 2025 · According to a 2023 report from the trade association Long Duration Energy Storage Council (LDES Council)--of which Malta Inc., is a member and Breakthrough Energy ...



### [Malta Closes Funding to Deploy Its Long-Duration Energy Storage ...](#)

Nov 29, 2023 · Malta's grid-scale, long-duration energy storage system helps governments, utilities, and grid operators transition to low-cost, carbon free renewable energy while ...



### Malta and Bechtel join forces to speed rollout of long-duration energy

Dec 1, 2021 · About Malta Malta represents the future of energy storage. With its grid-scale solutions that can store energy up to 50x longer than typical battery technology, Malta is ...



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### Malta Closes Funding Round for Long-Duration Energy Storage ...

Dec 6, 2023 · The technology is a grid-scale, long-duration energy storage system designed to help governments, utilities, and grid operators transition to low-cost renewable energy while ...





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