



# Greek air energy storage project





## Overview

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RepAir, a direct air capture (DAC) solutions provider, and EnEarth, a carbon storage & environmental services subsidiary of Energean, an independent gas-focused E&P company in the Greater Mediterranean region, announced an agreement to use RepAir's DAC technology to capture CO<sub>2</sub> and.

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Greek air energy storage power generation project planning per (>6 MWh/MW) duration storages has been identified as optimal. In the short run, storage is primarily needed for balancing services and to a smaller degree for limited energy auction for financial support of large-scale BESS have been.

Greece's grid-scale battery rollout accelerates with new 49 MW / 98 MWh unit in Chalkidiki. Greek renewable energy company Principia has completed the construction of its first battery energy storage system (BESS), known as Themelio. Located in the Vouno area of Chalkidiki, near Polygyros, the 49.

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On 13 March 2025, the Greek government issued Ministerial Decision ΥΠΕΝ/ΓΔΕ/28255/1143 (Government Gazette 1248/B/13.03.2025) on the priority regime for the final grid connection of standalone BESS projects. The decision describes the conditions a BESS owner has to meet to submit a "priority".

Presenting to the Special Standing Committee on Environmental Protection of the Hellenic Parliament on June 25, 2025, Nikos Mantzaris, policy analyst and co-founder of The Green Tank, highlighted Greece's remarkable progress in renewable energy (RES) and the urgent need to scale up storage.

The projects will pair solar PV with two different energy storage technologies,



including one based around molten salt. Image: Mytilineos. The European Commission has approved a €1 billion (US\$1.1 billion) state aid measure for Greece to support two solar-plus-storage projects. Consisting of two.



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### Commission approves EUR1 billion Greek State aid measures to ...

The Seli Project entails the construction of a 309 MW photovoltaic unit with an integrated lithium-ion battery energy storage system. This project aims to optimise electricity generation and grid ...



### 98 MWh Themelio battery project built in under six months, in ...

Greek renewable energy company Principia has completed the construction of its first battery energy storage system (BESS), known as

### [Greek Pumped Storage Project Construction: Powering the ...](#)

The Agios Georgios-Pyrgos project isn't just another infrastructure play--it's a grid-scale shock absorber. With twin upper reservoirs (460MW + 220MW) and a EUR502M budget, this ...



### Greek air energy storage power generation project planning ...

This paper assesses grid-scale battery energy storage system (BESS) requirements for the Greek power system, in addition to already scheduled storage projects,



Themelio. Located in the Vouno area of ...



## RES & Energy Storage in Greece: The Green Tank presents data ...

According to IPTO data, curtailments reached 228 GWh in 2023, soared to 900 GWh in 2024, and already hit 975 GWh in the first five months of 2025. The total for the year is ...

## [Greece awards 188.9 MW for subsidized battery ...](#)

In the latest bidding, nine projects with a four-hour storage duration have been selected for a total capacity of 188.9 MW. HELLENiQ ...



## RepAir and EnEarth Partner on Direct Air Capture and Permanent Storage

The project is an integral part of the Mediterranean Carbon Capture and Storage (CSS) Strategic Plan developed by France, Italy, and Greece. The plan aims to create the first ...



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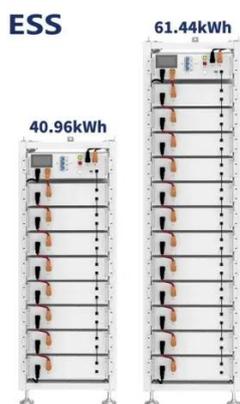
## [BESS projects in Greece: New Ministerial Decision boosts ...](#)

In this article, we provide a summary of the key points of the Ministerial Decision. Classification and capacity caps for eligible BESS projects. The decision classifies eligible ...



## [98 MWh Themelio battery project built in under six ...](#)

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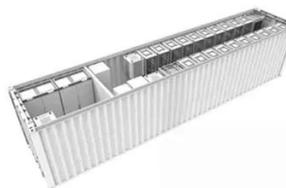
## Greece: EC approves EUR1 billion state aid for solar-plus-storage

This project aims to enable electricity generation during the day with the surplus to be stored and then discharged during times of peak consumption in the evenings or at night.



## EC approves \$1.08 billion Greek aid for two solar-plus-storage projects

The solar facilities will be supplemented with molten-salt thermal storage units and an extra-high voltage substation. During the day, Faethon will produce electricity and store any ...



## [RepAir and EnEarth Partner on Direct Air Capture ...](#)

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## Contact Us

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