

# Greece 10MW hybrid energy storage system



## Overview

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The largest hybrid project in Europe and the first of its size and characteristics in Greece, the Hydro Pumped Storage in Amari, Crete, is a model green investment of strategic importance that creates 1,000 new jobs during the construction of the project and at least 100 during.

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### **ELECTRA N°329 August 2023**

Estimates vary, but a total storage capacity of at least 4 GW and 15-20 GWh is considered appropriate to support system needs over the next decade. Currently there is a growing interest for investments

### [Greece to require over twice as much storage as solar by 2030](#)

On the contrary, if Greece wanted to cover 97% of its needs exclusively through the combination of solar and storage, it would raise the levelized cost of energy (LCOE) to levels equal to



### **Greece Energy Storage Needs: AUP Analysis**

There are practical limits to how much energy storage can be integrated into Greece's electricity system-and cost is the primary constraint, according to experts from the Aristotle

### [Electricity storage in Greece: State-of-play & near-term](#)

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## Powering Greece's Energy Future: Battery Storage

As the regulatory environment stabilises and the market grows in scale and complexity, Greece is on track to become a leading European market

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