

# **Greek energy storage plan**





## Overview

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The Greek Ministry of Energy and Infrastructure has increased its target for a merchant standalone battery energy storage system (BESS) rollout to 3.55 GW against the background of rising demand for flexible power and strong investment interest in the market. Why is Greece focusing on energy storage?

Greece has been actively focusing on energy storage since the emergence of the RES “boom” in 2020. The country recognised the pivotal role of energy storage in the energy transition and emphasised its importance in the first iteration of the country’s National Energy and Climate Plan in 2019.

Should Greece invest in energy storage facilities?

Currently there is a growing interest for investments in storage facilities in Greece. Licensed projects mostly consist of Li-ion battery energy storage systems (BESS), either stand-alone or integrated in PVs, as well as PHS facilities .

Will Greece support a large-scale energy storage system?

The successful participants in the second round of Greece’s auction for financial support of large-scale BESS have been revealed. The first energy storage asset built using Wärtsilä’s new Quantum High Energy battery energy storage system (BESS) solution will be a 300MW/600MWh project in Scotland, UK.

Will Greece install 900 MW of storage by 2030?

According to the Greek National Energy and Climate Plan (NECP), the nation aims to install 4.3 GW of storage by 2030. Thus far, 900 MW has been allocated via the Greek Regulatory Authority for Energy, Waste, and Water (RAAEY) tenders. Therefore, the remaining share would be delivered under the new plan but without any subsidy support.

How much will Greece spend on a 900MW energy storage pipeline?



The EU has approved a plan by the government in Greece to put €341 million (US\$339.5 million) towards a 900MW energy storage pipeline, under its state aid rules. The European Commission, the EU's executive arm, has approved the Greek state's measure to fund the construction and operation of grid-connected energy storage systems totalling 900MW.

How is storage developing in Greece?

The development of storage in Greece has only just begun: this year has been the big "kick-start" and there is now a common understanding of the needs and requirements and the steps to be taken to ensure an adequate identification and prioritization of all necessary actions.



## Greek energy storage plan

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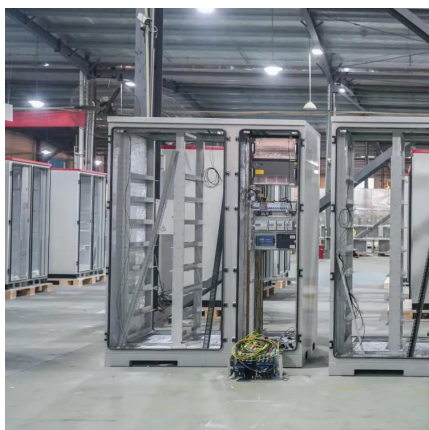


### Greece presents 3.55 GW plan for standalone batteries

A new ministerial decree sets the framework for the installation of 3.55 GW of energy storage - standalone batteries, without subsidies.

### **GREECE' A A A A Y A A**

On energy security, the plan sets out targets and policies to enhance national security of energy supply, including a wide gas diversification strategy and ambitious forecasts for energy storage.



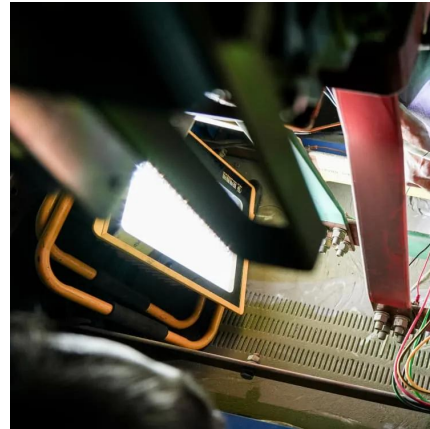
### **EU approves Greece state aid for 900MW energy storage pipeline**

The EU has approved a plan by the government in Greece to put EUR341 million towards a 900MW energy storage pipeline, under its state aid rules.

### **Curtailment, Greece Needs 7 GW of Energy Storage by 2030**

Greece is faced with ever-increasing curtailments of renewable energy production. Based on expectations from the revised National Energy and Climate Plan (NECP), an attempt ...





### [Greece presents 3.55 GW plan for standalone batteries](#)

A new ministerial decree sets the framework for the installation of 3.55 GW of energy storage - standalone batteries, without subsidies. The new framework for batteries, ...



### [EC approves Greek energy storage plan](#)

The plan is aimed at helping Greece to integrate renewable energy from solar and wind farms into its electrical grid, and will contribute to the EU's ...



### [Greece Aims for Renewables to Account for 82% of ...](#)

Greece unveils an ambitious plan to increase renewable energy to 82% of electricity generation by 2030, up from the previous target of 66%.





## Assessment of the Greek National Plan of Energy and ...

The Greek National Energy and Climate Plan was validated by the Greek Governmental Committee of Economic Policy on 23 December 2019. ...



## EC approves Greek energy storage plan

The plan is aimed at helping Greece to integrate renewable energy from solar and wind farms into its electrical grid, and will contribute to the EU's green push.

## **Greece presents 3.5 GW standalone battery storage rollout plan**

The Greek Ministry of Energy and Infrastructure has increased its target for a merchant standalone battery energy storage system (BESS) rollout to 3.55 GW against the ...



## EU approves Greece state aid for 900MW energy ...

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## ELECTRA N°329 August 2023

In January 2021, the Greek Ministry of Environment and Energy established a "Storage Task Force", entrusted with the task to propose a strategy, an action plan and specific institutional ...



### Greece's New Battery Storage Plan: A Game-Changer for Renewable Energy

Greece has just announced a major plan to install 3.5 GW of standalone battery energy storage systems (BESS) by 2030. Originally, they had set the target at 1.5 GW, but ...



### Greece's New Battery Storage Plan: A Game ...

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### Greece Allocates EUR153M in Subsidies for Energy ...

Recently, Greece launched the "Enterprise Energy Storage Plan", which aims to support enterprises in installing energy storage systems through ...







## Greece puts forward an ambitious energy storage support scheme

The country recognised the pivotal role of energy storage in the energy transition and emphasised its importance in the first iteration of the country's National Energy and ...

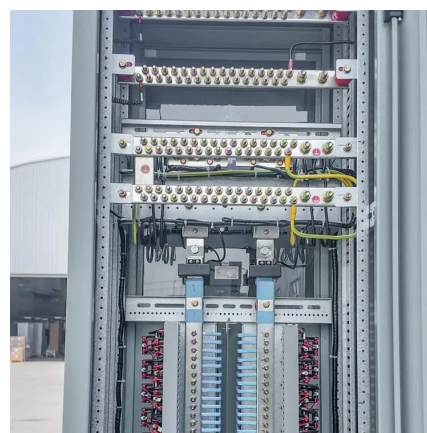


## energy storage

Greece is likely to fall short of its National Energy and Climate Plan (NECP) battery storage goal for 2030, according to Aurora Energy Research. Instead of the planned ...

## Curtailment, Greece Needs 7 GW of Energy Storage by 2030

Greece is faced with ever-increasing curtailments of renewable energy production. Based on expectations from the revised National Energy and Climate Plan (NECP), an attempt ...



## Greece puts forward an ambitious energy storage support scheme

Greece has been actively focusing on energy storage since the emergence of the RES "boom" in 2020. The country recognised the pivotal role of energy storage in the energy ...





## Greece Readies for Next Battery Storage Growth Phase

Greece's minister of the environment and energy Theodoros Skylakakis told a local energy conference in Athens earlier in July that the country is blessed with exceptional ...



## Greece: 27GW of battery storage projects gear up for ...

While 12 projects won awards in the first tranche of the recent grid-scale energy storage auctions in Greece, what of the 500 that didn't?

## The time for electricity storage in Greece has arrived

Electricity storage plays an important role in the transition to a low carbon economy and drives energy efficiency while at the same time allowing the integration of more renewable energy ...



## Greece presents 3.55 GW plan for standalone batteries

A new ministerial decree sets the framework for the installation of 3.55 GW of energy storage - standalone batteries, without subsidies. The new ...



## Greece's climate action strategy

The Commission's country report notes that Greece has accelerated the roll-out of renewable energy and is on track to reach its ambitious 2030 targets for renewable energy and energy ...



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

This article highlights key steps recently taken by the Greek State as regards the legal/regulatory framework and appropriate State aid schemes, to kickstart ...

## Greece Significantly Increases Renewable Energy Generation ...

Under the new plan, Athens estimates that additional investments worth 95 billion euros (\$103.97 billion) will be needed by 2030, including policies to make tens of thousands of ...



### [The Energy Regulation and Markets Review: Greece](#)

Greece is currently undergoing major energy sector reforms, aiming to transform the operation of the energy system, foster competitive energy markets, create significant ...





## Electricity storage in Greece: State-of-play & near-term outlook

This article highlights key steps recently taken by the Greek State as regards the legal/regulatory framework and appropriate State aid schemes, to kickstart electricity storage activity and allow ...



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