

# **Greece energy storage support**





#### **Overview**

Building upon these foundations, Greece recently revamped its energy storage licensing regime in July 2022 with Greek Law 4951/2022, as amended and currently in force, and also paved the way toward an energy storage support scheme in April 2022 with Article 225 of Greek Law 4920/2022 which provided, among others, for the issuance of a Ministerial Decision setting forth the details of such energy storage support schemeWhy 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 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 long should energy storage be in a Greek power system?

Considering the energy arbitrage and flexibility needs of the Greek power system, a mix of short (~2 MWh/MW) and longer (>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 arbitrage.



How does storage work on Greece's islands?

The introduction and development of storage on Greece's islands that are that are not connected to the mainland power system is quite different, as it is currently only possible via hybrid stations (i.e. virtual production stations consisting of renewable energy resources and storage units operating as single distribution entities).

Does Greece have a zero-subsidy battery system?

The much-awaited ministerial decree for zero-subsidy standalone battery systems has been published in Greece. So far, Greece has provided support to 900 MW of standalone storage projects under three previous auctions.



#### **Greece energy storage support**



#### Electricity storage in Greece: Stateof-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 ...

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#### Greece Allocates EUR153M in Subsidies for Energy Storage: Up

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



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# **Greece puts forward an ambitious energy storage support scheme**

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#### <u>Greece Natural Gas and Electricity</u> <u>infrastructure</u>

Emerging Opportunities as Greece's Profile RisesIn recent years, following the financial crisis and pandemic, Greece has emerged as a regional energy player, with major ...









# Greece presents 3.5 GW standalone battery storage rollout plan

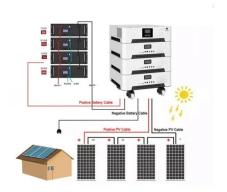
The Greek Ministry of Energy and Infrastructure has increased its target for a merchant standalone battery energy storage system (BESS) rollout to 3.55 GW against the ...

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# Greece to tender 700 MW of battery storage this year

Greece's energy storage sector is heating up, with the government confirming plans to publish an energy storage policy framework and hold tenders for 700 MW of battery storage.







#### Greece Needs Investments in Energy Storage and Grid ...

A new study by the Center for Liberal Studies (KEFIM), in collaboration with the EPICENTER think tank, highlights the urgent need for investment in energy storage and the ...



# Greece loses EU grant intended for renewable electricity for ...

2 days ago. The ambitious Apollo program, which the Greek government outlined in late 2023, is losing EUR 100 million. The European Union grant is for investments in renewable energy and

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# Greece plans 4.7 GW of commercial battery storage projects

The much-awaited ministerial decree for zerosubsidy standalone battery systems has been published in Greece. So far, Greece has provided support to 900 MW of standalone ...

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# Gigawatts of energy storage approved in Greece ...

The government in Greece is looking to provide financial support for up to 900MW of energy storage capacity through a tender as previously

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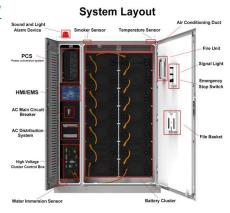


#### EU approves Greece state aid for 900MW energy ...

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.

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#### The Net-Zero Circle

This plan was initially introduced in response to the COVID-19 pandemic but shifted focus to support Greece's green energy transition. It aimed to kickstart investment in battery storage,

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#### <u>Greece working on new energy storage</u> support ...

Greece's energy regulator, RAE, is preparing a new energy storage support framework to foster renewable energy growth, chairman ...



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

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 ...



#### **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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#### Greece cancels third energy storage auction

Greece's third auction for standalone energy storage plants using batteries is cancelled. The Regulatory Authority for Energy, Waste and Water (RAEWW or RAAEY) said it ...

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Introduction Standalone batteries PV solar plants with storage behind the meter Introduction In 2022, Greece amended the Energy Framework Law No. 4001/2011 by ...

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# ENERGY STORAGE SYSTEM

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

The European Commission has approved a EUR1 billion (US\$1.1 billion) state aid measure for Greece to support two solar-plus-storage projects.



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#### EU Greenlights Greece's EUR1 Billion Aid for Solar Energy Projects

The EU executive approved on Tuesday under EU State aid rules Greece's request to offer financial help for two solar energy projects in the country that are expected to increase ...

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# <u>Greece awards 189 MW in third battery</u> storage ...

Greece has allocated almost 200 MW of capacity in its third tender for battery energy storage systems (BESS), the last edition in its programme



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

The meeting of the Special Standing Committee on Environmental Protection was chaired by Dionysia-Theodora Avgerinopoulou and focused on the critical issue of RES and ...

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

The European Commission has approved, under EU State aid rules, EUR1 billion Greek measures to support two projects for the generation and storage of renewable energy in Greece.

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Electricity storage in Greece: State-of-play & near-term outlook Even though electricity storage is recognized as a prerequisite for the decarbonization of the power sector, the development of ...

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### The time for electricity storage in Greece has arrived

This is due to delays in the new support framework for hybrid stations. The Ministry of Environment and Energy is currently in final consultation with the European Commission in ...



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