

Greece is positioning itself as one of Europe's leaders in energy storage, with preparations underway for its third battery energy storage tender and significant progress in pumped storage hydropower. The rapid growth in wind and solar power production has outpaced both demand and the grid's capacity, leading Greek investors to rely on a ...

Initially a response to the COVID 19 pandemic, the focus has pivoted to support Greece's green energy transition. The storage auctions themselves require further approval under EU State aid rules. The pipeline of prospective battery storage projects now approaches 27GW, with over 500 projects granted a storage license.

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 for an efficient and timely development of facilities.

In Griechenland sollen bis 2030 Speichersysteme mit einer Gesamtleistung von rund 8 Gigawatt installiert werden. Dies sieht der aktualisierte Nationale Energie- und Klimaplan (NECP) von 2023 vor. Davon sollen rund 5,5 Gigawatt auf Batterieanlagen und etwa 2,5 Gigawatt auf Pumpspeicherwerke entfallen.

An energy storage webinar organized last year by Greece's energy regulator RAE, suggested the country would need about 1,500 to 1,750 MW of new energy storage capacity. It is needed, in order to meet 60% of its 2030 electricity needs via renewable energy, which is in line with Greece's national energy plan for 2030.

The Greek minister of energy has recently announced the targets of the new NECP which is expected to be published shortly. For energy storage, the target for 2030 is at 2.5 GW of installed capacity for pumped hydro and a whopping 5.6 GW for battery storage.

An increasing number of local and foreign companies are interested in building energy storage facilities in sun-loving Greece using battery technology. In fact, the Regulatory Authority for Energy (RAE) has been receiving applications for ...

Greece has already run two tenders awarding about 700 MW of battery storage projects. A call for the program's third tender, targeting specifically battery systems in former coal mining regions...

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Greece's electricity market holds the potential to become an important European market for energy storage technologies like lithium-ion batteries in the coming months and years. According to Corentin Baschet, head

of market analysis at energy storage consultancy group Clean Horizon, a number of "interesting fundamental drivers" exist in ...

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