

SolarTech Power Solutions

Greece 500MW energy storage power station



Overview

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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”.

Seven companies have won government support for 11 standalone battery projects at Greece’s second energy storage auction, where 300 MW was offered. Winners in the storage auction are CNI Energy with two 25 MW plants, Terna Energy with one of 40 MW, Heron with a 12 MW project, AMBER Energy with an.

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The pileup of proposals for wind and solar power plants in Greece bolstered the interest in investments in pumped hydropower storage facilities to balance the output from the two intermittent sources. Government-controlled PPC is dominating the map. Greece is already preparing its third battery.

The project “Hydro Pumped Storage in Amfilochia” is the largest investment in energy storage in Greece. With a total installed capacity of 680 MW (production) and 730 MW (pumping), the project consists of two independent

upper reservoirs (Aghios Georgios and Pyrgos) and a common lower reservoir.

Energy storage is crucial for system stabilisation and renewable integration as Greece accelerates its clean energy transformation. Storage solutions are essential to regulating intermittency and boosting energy system flexibility as the nation aims to generate 80% of electricity from renewables by.

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