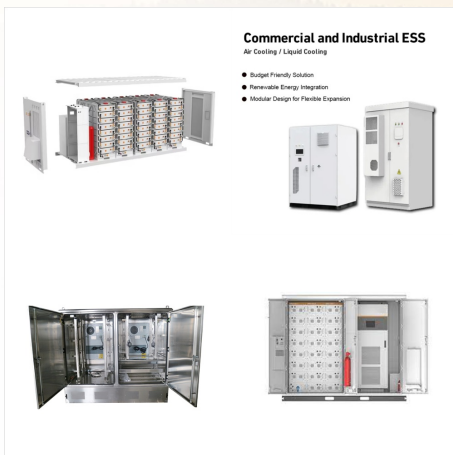




The Seli Project entails the construction of a 309 MW photovoltaic unit with an integrated lithium-ion battery energy storage system. This project aims to optimize electricity generation and grid stability.



Greece's National Energy Plan (ESEK) states that high-RES penetration should be accompanied by the development of required storage (mainly battery and pumped storage technology) to shift and accommodate excess RES energy.



Greece is also taking steps to reduce the time needed for licensing and permitting projects for renewable energy, electricity infrastructure and energy storage. In August 2022, Greece approved its first Offshore Wind Law, which aims for 2 ???

GREECE ENERGY STORAGE RENEWABLE ENERGY



1 ? Implemented by the Greek Centre for Renewable Energy Sources and Saving (CRES), the initiative combines a 1 MW hybrid wind and solar power station with 2.56 MWh of battery ???



Greece notified the Commission of its plans to provide support to two projects for the generation and storage of renewable energy for a total budget of ???1 billion. The Faethon Project entails the construction of two photovoltaic units, each with a capacity of 252 MW, along with integrated molten-salt thermal storage units and an extra-high



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Greece is also taking steps to reduce the time needed for licensing and permitting projects for renewable energy, electricity infrastructure and energy storage. In August 2022, Greece approved its first Offshore Wind Law, which aims for 2 gigawatts (GW) of offshore wind capacity by 2030.



The updated target for a renewable energy source (RES) share of ~80% in the electricity sector, set in the National Energy and Climate Plan (NECP) that is currently being revised, cannot be met without substantially increasing the ???



Greece aims to reach a 70% renewables share in the power consumed locally by 2030. Last year, the EC endorsed the country's EUR-30.5-billion recovery and resilience facility, of which 37.5% has been earmarked for initiatives related to the national climate goals.

GREECE ENERGY STORAGE RENEWABLE ENERGY



The updated target for a renewable energy source (RES) share of ~80% in the electricity sector, set in the National Energy and Climate Plan (NECP) that is currently being revised, cannot be met without substantially increasing the storage capacity of the system.



1 ? Implemented by the Greek Centre for Renewable Energy Sources and Saving (CRES), the initiative combines a 1 MW hybrid wind and solar power station with 2.56 MWh of battery storage. An innovative district heating system has also been integrated, utilizing hot water stored in tanks and distributed through a pipe network to heat residents' homes.