

## SolarTech Power Solutions

# What energy storage power stations are being invested in in Northern Europe



## Overview

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Which energy storage stations are being built in western Macedonia?

PPC Group is beginning the construction of two new energy storage stations (BESS) in Western Macedonia, in Northern Greece. The first one is "Melitis 1" station with a total installed storage capacity of 48 MW/96 MWh, which will be constructed in the vicinity of the photovoltaic plants to be developed by the Company in Western Macedonia.

Is Europe a good place to invest in large-scale battery storage?

As a result, the total European large-scale battery storage capacity stood at just 10.8GW at the end of last year, according to Aurora Energy Research, including 4.5GW in the UK, which has been the most attractive destination for investment.

How does energy storage work in the EU?

The main energy storage method in the EU is by far 'pumped storage hydropower', which works by pumping water into reservoirs when there is an electricity surplus in the grid - for example on a sunny or windy day - and releasing it when more energy is needed.

Will PPC group build a new energy storage station in Bulgaria?

About two months ago, PPC Group announced the commencement of construction of an energy storage station with a nominal capacity of 25 MW and installed capacity of 55 MWh in neighboring Bulgaria.

Should Europe shut down all its coal and gas power stations?

To meet this goal, Europe will eventually have to shut down all its carbon-emitting coal and gas power stations and replace the lost generation capacity with emission-free sources, particularly renewable energies such as wind and solar.

How do power plants in Norway work?

Many power plants in Norway have storage reservoirs and production can therefore be adjusted within the constraints set by the licence and the watercourse itself. Wind and solar power are intermittent; electricity can only be generated when the energy is available. The same applies to run-of-river power plants and small-scale hydropower plants.

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