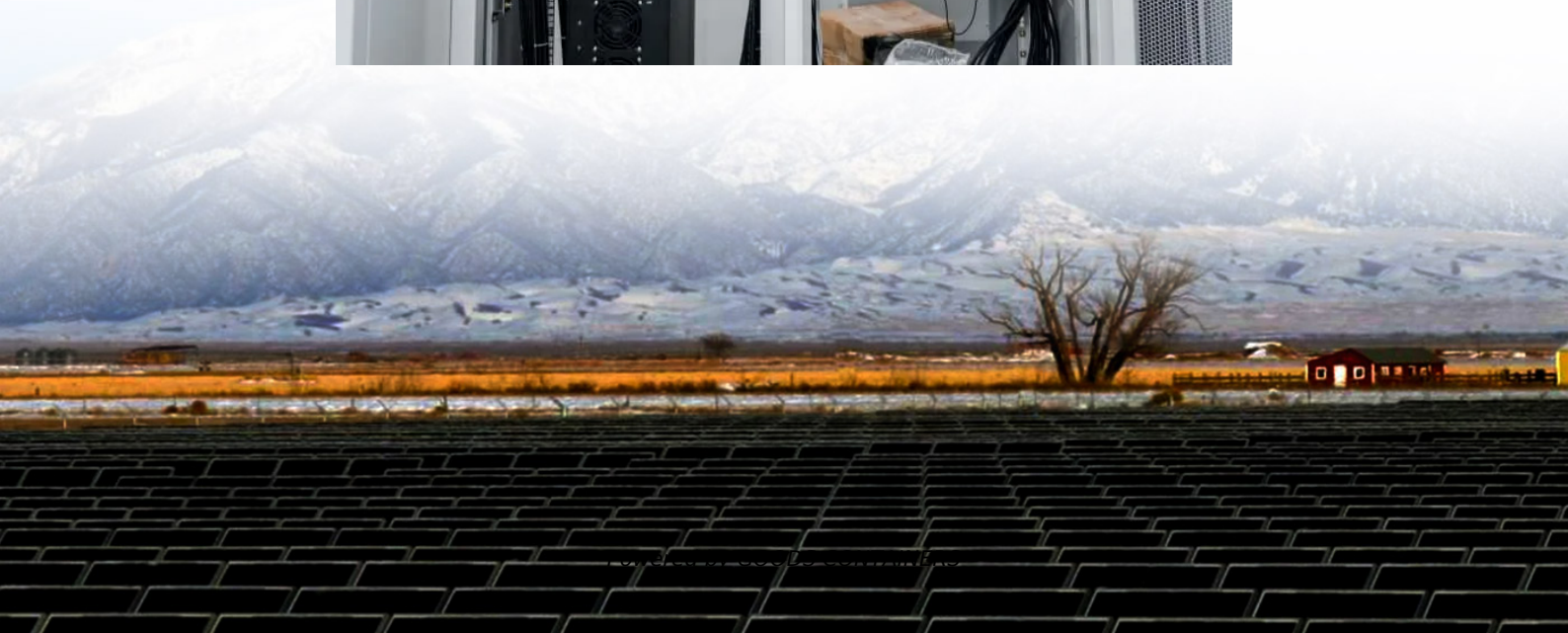


# **Southern Europe solar Power Plant Energy Storage**





## Overview

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What is Solarpower Europe?

PV trade body SolarPower Europe is celebrating its 40th anniversary with the tagline SolarPower Europe: solar, storage, and flexibility, and has announced plans for a Battery Storage Europe platform to highlight case studies and regulatory best practice.

What is the European energy storage inventory?

A new interactive platform delivers real-time clean energy storage insights as Europe shifts toward sustainable energy sources. Energy storage helps to balance supply and demand. The European Energy Storage Inventory is the first of its kind at European level to show all forms of clean energy storage solutions.

Can a solar power plant and battery storage increase profitability?

According to Aurora Energy Research, the actual increase in profitability (IRR) currently achievable by combining a solar power plant with a battery storage system in key European markets ranges from one to just over two percent. The IRRs of standalone solar parks were compared with those of projects co-located with battery storage.

How many megawatts does a battery storage system use in Germany?

PV plus battery storage led the way with 724 megawatts (MW), followed by onshore wind plus storage at 475 MW. According to SolarPower Europe, 11 percent of the 0.8 GW of large-scale battery storage systems totalling 1.1 gigawatt-hours (GWh) installed in Germany between 2021 and 2023 were combined with renewable energy plants, mainly solar parks.



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