

# Western European Chemical Plants Use Photovoltaic Energy Storage Container Hybrid Type





## Overview

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Where is Europe's largest hybrid power plant being built?

Europe's largest hybrid power plant is being built by the Spanish electric company Endesa in Pego, Portugal, in the District of Santarém. The plan is to build a combination of a 365 megawatt (MW) PV system, a 264 MW wind farm and a 168 MW battery storage system.

Are hybrid PV systems a good investment for Europe?

SolarPower Europe's report entitled "Embracing the Benefits of Hybrid PV Systems" – published in early 2025- examines the potential of hybrid renewable projects co-located with storage or other generation that Europe could leverage to a higher degree. The value proposition of hybrid PV systems extends well beyond simple capacity addition.

Should hybrid PV be a cornerstone of Europe's integrated energy strategy?

As Europe strives to enhance energy security, reduce system costs, and accelerate decarbonization, unlocking the full potential of hybrid PV systems must become a cornerstone of our integrated energy strategy, the report states.

Should the EU support hybrid PV projects?

The EU and its Member States should ensure support schemes are adapted to hybrid PV projects. Hybrid PV systems should be able to participate in traditional renewable energy auctions and get bonus points for their system benefits, while avoiding market distortions.



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Scenario-adaptive hierarchical optimisation framework for ...

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#### Embracing the Benefits of Hybrid PV Systems

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