

Flow batteries port of spain

Spanish utility Endesa has activated a 1.1 MW/5.5 MWh redox flow battery in Spain. It says it is the vanadium redox flow storage system connected to a PV plant in Europe. It is situated near Mallorca, in the Balearic Islands.

Endesa, through its Enel Green Power Spain unit, has commissioned an energy storage system based on vanadium redox flow batteries at the Son Orlandis solar plant in Mallorca, Spain.

The 1.1 MW/5.5 MWh battery is the first energy storage plant that the company has built in Spain with this technology. It claimed that it is the largest vanadium flow battery to be paired with a PV plant in Europe.

"This type of battery has the advantage of having a useful life of over 20 years without suffering any degradation, which makes them very interesting to guarantee long-term storage, in this case, more than 10,000 hours," the company said in a statement. "In addition, they offer enormous security benefits."

The Son Orlandis battery system has been made in collaboration with Canadian manufacturer Largo, which provided its Vcharge cooling system. The system's electrolyte has an "infinite" useful life and can be easily reused at the end of its useful life without degrading and without a negative impact on the environment, said Endesa.

Endesa won 72.4 MW of solar capacity in the latest renewable energy auctions for the Balearic Islands. The Orlandis PV plant is one of the awarded projects and was commissioned in 2022.

By submitting this form you agree to pv magazine using your data for the purposes of publishing your comment.

Your personal data will only be disclosed or otherwise transmitted to third parties for the purposes of spam filtering or if this is necessary for technical maintenance of the website. Any other transfer to third parties will not take place unless this is justified on the basis of applicable data protection regulations or if pv magazine is legally obliged to do so.

You may revoke this consent at any time with effect for the future, in which case your personal data will be deleted immediately. Otherwise, your data will be deleted if pv magazine has processed your request or the purpose of data storage is fulfilled.

Further information on data privacy can be found in our Data Protection Policy.

Discover the Flow Batteries Tour to learn about different flow battery projects being undertaken from Flow



Flow batteries port of spain

Batteries Europe members in Europe and beyond.

The examples showcase how flow batteries are becoming readily available on the market and can really contribute to the energy transition.

Contact us for free full report

Web: <https://kary.com.pl/contact-us/>

Email: energystorage2000@gmail.com

WhatsApp: 8613816583346

