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10MW solar-powered containerized base station in Port of Spain





Overview

Will Bilbao build a solar power plant?

The trio plan to build a wind- and solar-powered 10MW plant in the port of Bilbao to produce up to 1,600 tonnes of renewable H₂ per year. The plant is scheduled to enter operation next year.

How much does a SunFire plant cost in Bilbao?

Last year Petronor received approval from the Port of Bilbao for the construction of a synthetic fuels plant at the port. The project is expected to cost €165m (\$182m) to build, however it is not clear whether this figure also includes the construction of the green hydrogen plant. The announcement also marks Sunfire's entry into the Spanish market.

How much financing has been secured for Basque hydrogen project?

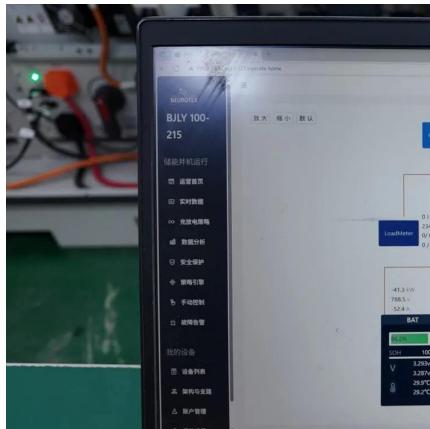
Basque Hydrogen has also received project financing from Bilbao-headquartered bank BBVA, which is targeting €700 billion in sustainable investment from 2025 to 2029. However no details have been revealed as to how much project financing has been secured for the Basque Hydrogen project specifically.

Who owns Basque hydrogen?

According to data from Sunfire, the plant will produce up to 200 kg of green hydrogen per hour. Basque Hydrogen is 51% owned by Petronor. The other owners are renewable gas company Enagas Renovables with 24.5% and Basque energy agency Ente Vasco de la Energia, also holding 24.5%.



10MW solar-powered containerized base station in Port of Spain



[Port of Bilbao \(Spain\) Takes Major Steps Forward with Shore ...](#)

Jan 29, 2025 · Port of Bilbao (Spain) Takes Major Steps Forward with Shore Power and Solar Energy Integration Port of Bilbao in Spain has received the green light to construct a ...

[10mw solar thermal power station project](#)

Which solar power station uses molten salt thermal energy storage? The Andasol Solar Power Station, Spain, uses a molten salt thermal energy storage to generate electricity, even when ...



[Bilbao's solar-powered OPS rollout signals future project ...](#)

Jun 8, 2025 · The Port of Bilbao has awarded an EUR11.5 million contract for the engineering and maintenance of four solar photovoltaic (PV) installations tied to its BilbOPS programme, a ...

[10MW Lithium Battery Energy Storage System Key ...](#)

Project: "10MW Lithium Battery Energy Storage System Key Technology and Demonstration" Project of Shanxi Science Institution Application: Power generation side, frequency regulation, ...



Port of Bilbao Advances Shore Power Project With EUR11.4m Deal for Solar

Aug 8, 2025 · The Port Authority of Bilbao in Spain has awarded a EUR11.48 million contract for the construction of solar photovoltaic (PV) plants, which will be integrated into the port's onshore ...



Capital Dynamics Acquires c.317MWp of Solar PV Portfolios in Spain ...

LONDON, 3 July 2024 - Capital Dynamics, an independent global private asset management firm, is pleased to announce that its Clean Energy business has successfully acquired a 100

...



[Port-of-Spain \(TTPOS\), Port of Spain, Trinidad and Tobago](#)

FCL routes to Port-of-Spain (TTPOS), Port of Spain, Trinidad and Tobago. Inbound port pairs importers frequently secure via Cogoport.



Breaking Down the 10MW Solar Power Plant Cost in 2025

Why Solar Power Plant Costs Are Dropping Faster Than Your Phone Battery Let's cut through the solar industry jargon - when we talk about a 10MW solar power plant cost, we're essentially ...



Sunfire secures 10MW electrolyser order for ...

Apr 9, 2025 · German electrolyser manufacturer Sunfire has bagged an order to install 10MW of its pressurised alkaline electrolyzers at a site in Bilbao ...



Port of Bilbao Enhances Sustainability with Shore Power and Solar

Jan 30, 2025 · The solar plant, located on the terminal car park roofs, is expected to produce 0.5 megawatts of power, optimizing space for renewable energy generation. On November 28,

...



Bilbao's solar-powered OPS rollout signals ...

Jun 8, 2025 · The Port of Bilbao has awarded an EUR11.5 million contract for the engineering and maintenance of four solar photovoltaic (PV) installations ...



[Port of Bilbao \(Spain\) advances with shore power and solar ...](#)

Jan 27, 2025 · Port Bilbao (Spain) received authorization to develop a photovoltaic (PV) solar plant to provide renewable energy for vessels berthed at 2 of its 3 cruise docks - Getxo 2 and ...



[Bilbao Port advances OPS with EUR11.5 million solar PV contract](#)

Aug 5, 2025 · The Bilbao Port Authority has awarded a EUR11.49 million contract for the design, installation, and two-year maintenance of solar PV.



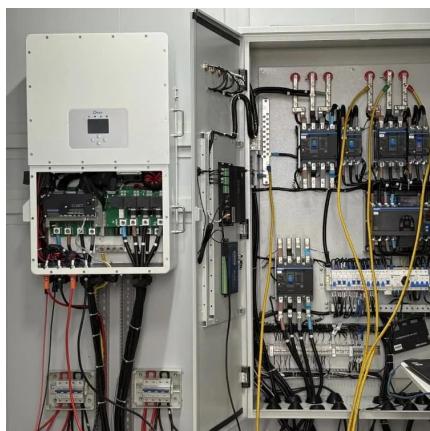
[Repsol unit secures funding for 10-MW electrolyser in Spain](#)

Apr 11, 2025 · Basque Hydrogen, a joint venture majority-owned by Repsol SA's (BME:REP) subsidiary Petronor, has been granted a loan from Banco Bilbao Vizcaya Argentaria SA ...



Map of Power Plants In Spain

Mar 22, 2025 · 1. Overview of Power Plants in Spain Energy Mix: Spain has a highly diversified energy mix, with a strong emphasis on renewable energy sources, including wind, solar, and ...



Sunfire secures 10MW electrolyser order for Repsol-backed ...

Apr 9, 2025 · German electrolyser manufacturer Sunfire has bagged an order to install 10MW of its pressurised alkaline electrolyzers at a site in Bilbao in northern Spain, that will make green ...

Cable landing station and 10MW data center ...

May 30, 2025 · A cable landing station is set to be developed outside Valencia, Spain, for a subsea cable linking the Iberian nation with Italy.

...



Bilbao Port awards contract for 4.26 MWp of solar for shore ...

Aug 5, 2025 · Spain's Bilbao Port Authority has awarded an EUR-11.5-million (USD 13.3m) contract for the construction, operation and maintenance of four solar photovoltaic plants to

...



Solar Battery Energy Storage System 500kwh 1MW 3MW 10MW ...

Oct 17, 2025 · Solar Battery Energy Storage System 500kwh 1MW 3MW 10MW Custom Photovoltaic Renewable Bess Container 40FT 10FT for Solar System, Find Details and Price ...



Bilbao Port Authority awards consortium EUR11.48 mln OPS solar ...

News from 2025 August 5: Bilbao Port Authority awards consortium EUR11.48 mln OPS solar contract. Find the latest news from the maritime industry on the PortNews website.

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