Port of spain joint solar container

What is the new solar installation in Valencia & Gandia?
This new installation is in addition to the start-up in January of two other solar plants in the ports of Valencia and Gandia'. The Port Authority of Valencia (PAV) has a 20 kV Medium Voltage network, which distributes electrical energy inside the Port of Valencia for its concessionaires, as well as for the APV's own needs.

What is the new infrastructure of the Port Authority of Valencia (PAV)?
The new infrastructure of the Port Authority of Valencia (PAV) is located above the vehicle siloand already generates renewable energy. The electricity obtained with its commissioning is added to that produced since January 2024 by the solar plant at Muelle Príncipe Felipe

How much energy does the port of València use?
The sum of the energy obtained between the two solar parks represents 18% of the total electricity consumed by the Port of València in its daily operations. With a useful surface area of 35,000m², the plant consists of 10,530 photovoltaic modules with an installed power of 5,738.85 kWp and a production capacity of 8,380.00 MWh/year.

How will Spain's LNG terminal improve energy resilience?
Additionally,the terminal plans to enhance energy resilience by installing up to 2MVA of onsite solar panelsin Spain,introducing a reefer container gangway to replace the use of diesel gensets,and electrifying small equipment like forklifts,EVs and more.

How much does the Solar Initiative in Valencia cost?
The solar initiative in Valencia represents a total investment of EUR1,103,070,with 30% of the funding supported by the Connecting Europe Facility (CEF) programme,administered by the European Climate,Infrastructure and Environment Executive Agency (CINEA).

How does the Port Authority of València contribute to decarbonisation?
The Port Authority of València is immersed,as one of its strategic lines and in line with European and international regulations,in the decarbonisation of the activities carried out in its port areas; and to contribute to this,one of the actions to be implemented is the use of renewable energies as a source of electricity generation.

The PV plants are part of the BilbOPS project, which aims to enable vessels to connect to the onshore power supply at the ro-ro, ro-pax, container, and cruise terminals at the Port of Bilbao.

Valencia, Spain (Ports Europe) March 8, 2024 - The Port Authority of Valencia (APV) is proceeding with the construction of its second solar photovoltaic plant located on the roof of the ...

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The project, which began in December 2024, will see 1,674 solar panels installed on various rooftops in the terminal. This will include 502 panels with a nominal power of 655 watts each, ...

In today"s dynamic energy landscape, harnessing sustainable power sources has become more critical than ever. Among the innovative solutions paving the way forward, solar energy ...

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