



# Port of Spain Suifu Cabine Substation





## Overview

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The Port of Barcelona has installed its first Onshore Power Supply (OPS) substation as part of the Nexigen project, marking a significant step towards establishing the OPS system, which will provide electricity to container ships docked at the Spanish port, allowing.

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From left to right, the Head of Shorepower Department of the Port of Barcelona, Ana Arévalo; the director of operations of BEST, Vicenç Roig; the CEO of BEST, Guillermo Belcastro; the president of the Port of Barcelona, Lluís Salvadó, and the PowerCon partner, Peter Castberg, in front of the OPS in.

New substation (on the left handside), route of the underground high-voltage line that will connect it to the Cerdà substation of Red Eléctrica. (on the right handside) The Port of Barcelona has awarded a €19m contract to Spark Ibérica and Elecnor for an electrical substation to support OPS.

The Port of Barcelona has achieved a major milestone in its Nexige project by receiving the first Onshore Power Supply (OPS) substation. This OPS system enables the provision of electricity to container ships while they are docked, allowing them to shut down their engines and therefore decrease.

The Port of Barcelona has already received the first OPS substation of the future connection network for ships that is being rolled out with the Nexigen project. It is the centrepiece of what will be the first Onshore Power Supply (OPS) system to supply electricity to container ships arriving at.

Ana Arévalo, head of the Shorepower department at the Port of Barcelona, with several members of her team, the manager of the MSC terminal, Sandra Yunta, and Peter Castberg with the PowerCon team in charge of developing the project The Port of Barcelona and Danish company PowerCon A/S have started.

Barcelona, Spain (Ports Europe) March 8, 2024 – The Port of Barcelona has



received the first OPS (cold ironing) substation of the future network of connections for ships deployed with the Nexigen project. This is the main piece of the first Onshore Power Supply (OPS) system to supply electricity to.



## Port of Spain suifu cabine substation

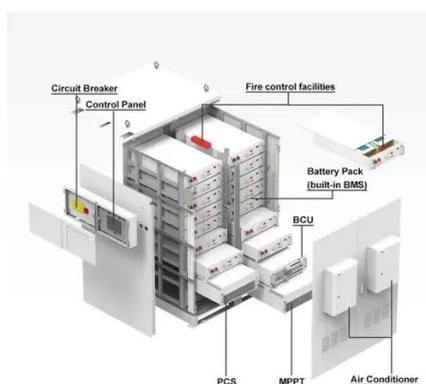


### [Port of Barcelona Taps Powercon for First OPS System for ...](#)

The port's flagship substation, which will be a key part of this network, is expected to be operational by early 2027. Additionally, the installation includes underwater drilling ...

### [Port of Barcelona receives first OPS substation](#)

The Port of Barcelona has received the first Onshore Power Supply (OPS) substation of the future connection network for ships that is ...



### [Port of Barcelona awards EUR19m OPS substation deal](#)

The Port of Barcelona has awarded a EUR19m contract to a joint venture between Spark Ibérica and Elecnor to build a new electrical ...

### [The Port of Barcelona and PowerCon begin work to build the first ...](#)

The project is now underway, with the construction of the new Port substation and the roll-out of a new medium-voltage network that will bring power to all the wharves on which ...



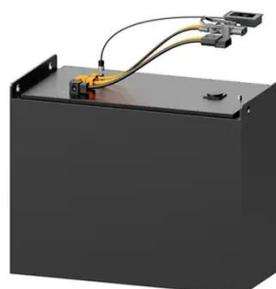
### [Operation and Maintenance of a Gas Insulated Substation](#)

Gas Insulated Substation Operation Both AIS and GIS installations use circuit breakers, disconnect switches (isolators), and earthing switches, and have different means of showing ...



### [Port of Barcelona receives first OPS substation](#)

The Port of Barcelona has received the first Onshore Power Supply (OPS) substation of the future connection network for ships that is being rolled out with the Nexigen ...



### [Port of Spain Suifu Containerized Substation, Plastigama Wavin](#)

Wavin es parte de Orbia, una comunidad de empresas que trabajan juntas para abordar algunos de los desafíos más complejos del mundo. Estamos unidos por un propósito común: promover ...

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The Port of Barcelona has received the first OPS substation of the future network of connections for ships deployed with the Nexigen project.



### [Electrical Substation Design: An Introduction](#)

This post covers the principles of electrical substation design, including key concepts, components, and concerns for efficient and ...

### [Applying an Ethernet LAN in a Substation](#)

This substation is a 115 kV to 13.8 kV distribution class substation, with four 115 kV transmission lines, four transformers, and eight bus sections of two-high enclosed double-aisle sheltered ...



### [Port of Barcelona installs onshore power terminal for ferries](#)

The Port of Barcelona signed an agreement more than two years ago to develop the OPS system with Grimaldi, which has adapted its ships that berth at the terminal to ensure ...

### [The Cabin Electronics , Port of Spain](#)



The Cabin Electronics, Port of Spain. 1,469 likes · 2 talking about this · 17 were here. The Cabin Electronics and Supplies Ltd Wholesale and Retail of



### [Primary unit substations design guide](#)

Definition primary unit substation is a close-coupled assembly consisting of enclosed primary high-voltage equipment, three-phase power transformer and enclosed secondary medium ...

### [The Port of Barcelona's first OPS for container ...](#)

It is the centrepiece of what will be the first Onshore Power Supply (OPS) system to supply electricity to container ships arriving at ...



### [Port of Barcelona opens first OPS system at ...](#)

This equipment, which is the first in a container terminal in a Mediterranean port, makes it possible to supply ships with 100% ...

### [Port of Barcelona awards EUR19m OPS substation deal](#)

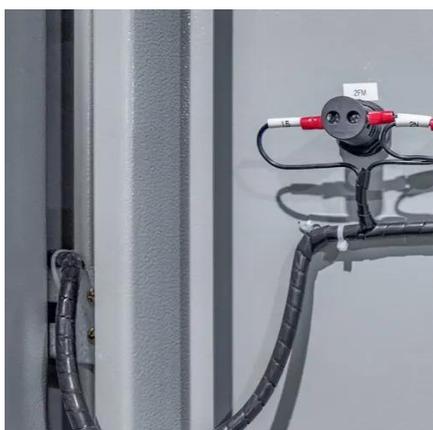


The Port of Barcelona has awarded a EUR19m contract to a joint venture between Spark Ibérica and Elecnor to build a new electrical substation, as part of the port's EUR 200 ...



### [Port of Barcelona receives first OPS substation for boxships](#)

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### [NASS , Transformer & Substation Experts , A Voltyx Company](#)

NASS: Nationally-recognized experts specializing in Transformer & Substation Apparatus Installation, Services, & Repair.



### [Port of València substation approved , Transformer ...](#)

Europe , March 8, 2024 Port of València substation approved The substation will be worth almost EUR14.5 million. Image for illustration purposes. Spain, ...



### [Port of Barcelona installs onshore power terminal ...](#)



The Port of Barcelona signed an agreement more than two years ago to develop the OPS system with Grimaldi, which has adapted ...



### [Communications Equipment Used in Substations](#)

Explore essential communication equipment for substations, including RTUs, PLCs, fiber optic and wireless solutions. Learn about key ...



### [Substations New Port Ham interconnector substation](#)

The need The Port Ham interconnector switching station is a grid supply point, feeding electricity from the National Grid substation at Walham into Western Power Distribution's (WPD) ...



### [The Port of Barcelona's first OPS for container ships arrives at the](#)

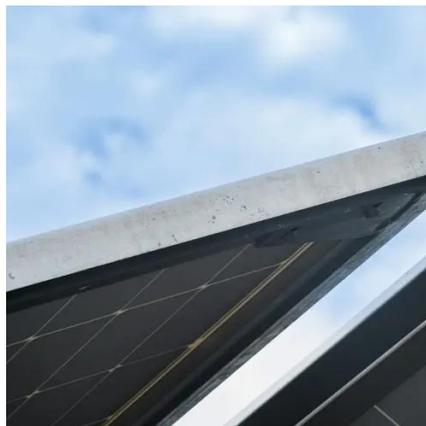
It is the centerpiece of what will be the first Onshore Power Supply (OPS) system to supply electricity to container ships arriving at the port, allowing them to stop their engines ...



### [The Cabin Electronics , Port of Spain](#)



The Cabin Electronics, Port of Spain. 1,928 likes · 8 talking about this · 17 were here. The Cabin Electronics and Supplies Ltd Wholesale and Retail of Electronics and Appliances



### [Substation Cost Estimator , PEguru](#)

A comprehensive tool to determine the cost of building a substation or any small portion of it. All material cost is populated. Input quantity for an ...



### [The Port of Barcelona received the first Onshore Power Supply](#)

A substation is being installed at the Hutchison Ports BEST terminal in Barcelona, consisting of six modules and can connect two container ships simultaneously. This ...



### [The Port of Barcelona and PowerCon begin work ...](#)

The project is now underway, with the construction of the new Port substation and the roll-out of a new medium-voltage network that will ...

### [Port of Barcelona receives first OPS substation](#)



The Port of Barcelona has received the first OPS substation of the future connection network for ships that is being rolled out.

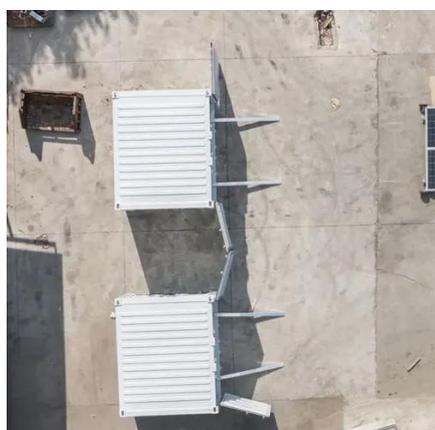


### [Practical Considerations for Ethernet Networking Within ...](#)

This paper looks at the new capabilities in substation automation, protection, and control made possible by native intersubstation Ethernet. It also discusses techniques to make ...

### [Port of Barcelona opens first OPS system at Hutchison Ports ...](#)

This equipment, which is the first in a container terminal in a Mediterranean port, makes it possible to supply ships with 100% renewable-origin electricity so that they can turn ...



### [Port of Barcelona receives first OPS substation for ...](#)

The Port of Barcelona has installed its first Onshore Power Supply (OPS) substation as part of the Nexigen project, marking a ...



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For inquiries, pricing, or partnerships:

<https://zawojcsolina.pl>

Phone: +48 22 173 6647

Email: [info@zawojcsolina.pl](mailto:info@zawojcsolina.pl)

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