

JH Solar

Brazil s new offshore energy storage



Overview

The auction aims to boost Brazil's grid reliability by integrating energy storage for wind and solar power. Credit: r.classen/Shutterstock. Brazil is set to conduct its first auction for adding batteries and storage systems to the national power grid, as reported by Reuters. The auction, to take.

The auction aims to boost Brazil's grid reliability by integrating energy storage for wind and solar power. Credit: r.classen/Shutterstock. Brazil is set to conduct its first auction for adding batteries and storage systems to the national power grid, as reported by Reuters. The auction, to take.

Brazilian state-owned energy giant Petrobras has tucked a new carbon dioxide (CO₂) reinjection milestone in the Santos Basin pre-salt layer under its belt, thanks to 22 floating production, storage, and offloading (FPSO) vessels capturing and reinjecting CO₂ off the coast of Brazil. The company.

We are in an auspicious time for the Brazilian floating production storage and offloading (FPSO) market, with many projects reaching their final investment decision (FID) since 2020. Fourteen new FPSOs were contracted from 2020 to this year, six being large units with vast processing capacities to.

With Brazil enacting South America's first carbon capture and storage (CCS) law, this article examines the technical and regulatory architecture required to scale CCS deployment and provides exclusive insight into Brazil's accelerating CCS landscape. The 2023 JPT article Brazil Moves Toward.

But hold onto your caipirinhas —this South American giant is fast becoming a hotspot for new energy storage projects. With abundant sunlight, ambitious climate goals, and a hunger for grid stability, Brazil's renewable energy sector is dancing to a new rhythm. In 2025 alone, projects like the Ilha. Will Brazil conduct the first energy storage auction?

Brazil is set to conduct the country's first-ever energy storage auction for adding batteries and storage systems to the national power grid.

Will Brazil's first electricity auction drive \$450m investment?

Brazil is set to conduct its first auction for adding batteries and storage systems to the national power grid, as reported by Reuters. The auction, to take place in June 2025, will include 300MW energy capacity purchase that could drive an estimated \$450m in investments from winning bidders, according to consultants Oliver Wyman.

Will FPSOs increase Brazilian oil production by 2026?

She holds a Bachelor's degree in Chemical Engineering from the Federal University of Rio de Janeiro and a Master's in Naval Engineering from Coppe. All FPSOs that will come into operation by 2026 will significantly increase Brazil's potential production curve and greatly increase Brazilian oil production.

Will Brazil's energy auction improve power grid reliability?

Interest in the auction has been expressed by power companies such as Portugal's EDP and Brazil's ISA Energia. The auction will enhance Brazil's power grid reliability by integrating energy storage solutions for electricity generated from renewable sources such as wind and solar. US Tariffs are shifting - will you react or anticipate?

.

Why does Brazil conduct solar power auctions?

Brazil typically conducts auctions to secure power capacity for periods when demand peaks but supply diminishes, such as late afternoons - a time when solar power production declines. The June 2025 auction, exclusively for batteries and storage systems, is the first time the government allows such technologies to participate.

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Country Analysis Brief: Brazil

Brazil's energy mix is diverse; hydropower, fossil fuels, biofuels, wind energy, and solar power all make significant contributions (Table 1). Brazil's total energy production ...

FPSO eating up the miles to Brazil while Petrobras ...

Brazilian state-owned energy giant Petrobras has moved up the timeline for the start of operations concerning its new floating production, storage, and offloading (FPSO) vessel destined to work off the ...



OTC 2025: Petrobras CEO outlines company's aggressive E& P ...

All of these renewable energy sources, she said, "will contribute to Net Zero by 2050." Rystad then queried Chambriard about Brazil's new local content policies. Last year, ...

A strategic partnership for offshore wind energy in Brazil

Brazil is currently the sixth largest global producer of onshore wind energy, but offshore wind projects have yet to materialize. The

country, however, possesses vast coastal ...



Scaling Storage in Brazil: From Ethanol Injection to Offshore ...

With Brazil enacting South America's first carbon capture and storage (CCS) law, this article examines the technical and regulatory architecture required to scale CCS ...

Brazil Transition Factbook 2025: The Numbers Behind the Ambition

The 2025 edition of the Brazil Transition Factbook, produced by BloombergNEF and commissioned by Bloomberg Philanthropies, aims to support policy, business and ...

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Hydrogen storage in depleted offshore gas fields in Brazil: ...

We present an inventory of the storage capacity of depleted offshore gas fields in Brazil and discuss the implications of this potential for Brazil's energy planning.

A strategic partnership for offshore wind energy in ...

Brazil is currently the sixth largest global producer of onshore wind energy, but offshore wind projects have yet to materialize. The country, however, possesses vast coastal resources that are ideal for this ...



Brazil Offshore Energy Storage Market (2025-2031) , Trends,

...

In the Brazil offshore energy storage market, there are significant investment opportunities emerging in the development and deployment of various energy storage technologies such as ...

Brazilian FPSO on track to change hands by month end

Brazilian FPSO on track to change hands by month end (offshore-energy) Australia's oil and gas company Karoon Energy is moving forward with the acquisition of a ...



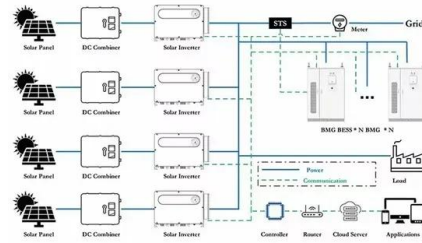
After Subsea7, DOF's large subsea construction vessel on

...

2 ???· A flexible, large subsea construction vessel owned by DOF has been contracted on a four-year term charter with Brazil's Petrobras.

Petrobras fires the starting gun on bid battle for two ...

Brazil's state-owned oil and gas giant Petrobras has kicked off a new procurement process to secure two more floating production, storage, and offloading (FPSO) vessels, which will be deployed in the ...



Brazil pursuing all options to safeguard long-term ...

Recently Brazil's National Environment Council (Conama) approved an amended resolution which will allow Petrobras to cut emissions from new offshore projects by implementing centralization of energy ...

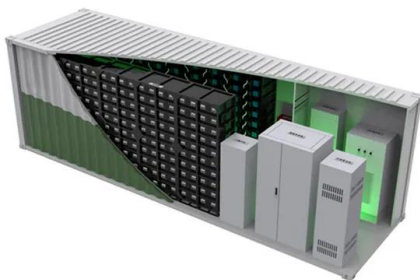
New FPSO arrives in Brazil for final commissioning

MODEC's new FPSO has arrived in Brazil to get ready for work in the pre-salt Santos Basin for the country's energy giant, Petrobras.



New FPSO comes on stream off Brazil

A new floating, production, storage and offloading (FPSO) vessel for Petrobras' revitalisation project in Campos Basin offshore Brazil has started production.



Seatrium picks Swiss player for work on Petrobras' ...

Switzerland-based electrification and automation technology provider ABB has received a large order from Singapore's Seatrium to supply electrical equipment and automation solutions for a ...



OTC 2025: Petrobras CEO outlines company's ...

All of these renewable energy sources, she said, "will contribute to Net Zero by 2050." Rystad then queried Chambriard about Brazil's new local content policies. Last year, Brazil approved a new law, ...

Offshore Brazil oil and gas developments and ...

Utilizing her editorial expertise, she manages digital media for the Offshore team. She also helps create and oversee new special industry reports and revolutionizes existing supplements, while also ...



Brazilian FPSO ticks first oil milestone off its list before ringing in

Brazilian energy player Brava Energia, former 3R Petroleum before the merger with Enauta, has brought a floating production, storage, and offloading (FPSO) vessel off the ...

Brazil in for busy summer with new oil & gas round

Brazil in for busy summer with new oil & gas round (offshore-energy) Brazil's National Agency of Petroleum, Natural Gas, and Biofuels (ANP) has disclosed the date for the ...



New Energy Storage Projects in Brazil: Powering the Future with

Let's face it: when you think of Brazil, solar farms and battery tech might not be the first things that come to mind. But hold onto your caipirinhas--this South American giant is ...

Out with the old FPSO after eight years, in with the ...

A floating production, storage, and offloading (FPSO) vessel is leaving an oil field off the coast of Brazil after spending eight years there, as another unit prepares to take its place once the field's operator, ...



\$111 billion investment on Petrobras' five-year agenda

The five-year plan spotlights the company's focus on efforts to take advantage of opportunities in the oil and gas market, with a focus on replacing reserves, increasing production with a lower carbon ...

MODEC's new FPSO hits the road to Brazil

Japanese FPSO operator MODEC has seen its new floating production storage and offloading (FPSO) vessel set sail from China to Brazil to work in the pre-salt Santos Basin for the country's energy giant ...

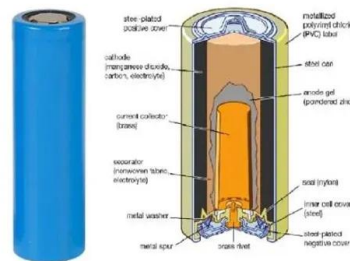


22 FPSOs in Brazil's pre-salt enable Petrobras

Brazilian state-owned energy giant Petrobras has tucked a new carbon dioxide (CO2) reinjection milestone in the Santos Basin pre-salt layer under its belt, thanks to 22 floating production, storage, and ...

New Fortress Energy's TGS LNG Terminal in ...

U.S. energy major New Fortress Energy (NFE) has revealed that the construction of its Santa Catarina (TGS) terminal in Brazil is complete, and the company is looking forward to the arrival of the floating ...



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TotalEnergies plans new offshore CO2 storage research in Brazil

TotalEnergies plans new offshore CO2 storage research in Brazil Bnamericas Published: Wednesday, July 02, 2025 Studies Innovation Offshore Deepwater Regulator Show ...

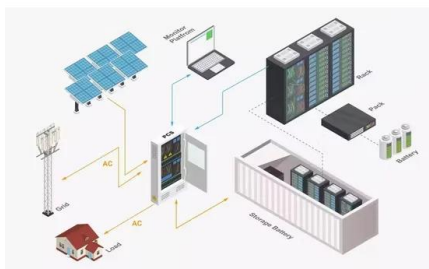


Topside construction underway for Petrobras' next ...

(offshore-energy) The construction of topside modules for a floating production storage and offloading (FPSO) unit set to work at a field in Brazil's Santos Basin with the state-owned energy giant Petrobras ...

Brazil's field hits record oil production after ...

Brazilian state-owned oil and gas giant Petrobras has achieved a record daily oil production at its field located in the pre-salt Santos Basin offshore Brazil. FPSO Almirante Tamandaré; Source: SBM Offshore ...



Petrobras, Shell, and Exxon among majors securing fresh offshore

Nine companies have won exploration rights for several offshore blocks on offer at the 5th Permanent Concession Offer Cycle held by Brazil's National Agency of Petroleum, ...

Terminal Gas Sul LNG Project, Brazil

Terminal Gas Sul LNG Project, Brazil Terminal Gas Sul (Southern Gas Terminal or TGS) Project is an offshore Liquefied Natural Gas (LNG) import terminal in Santa Catarina, ...



Seatrium selects Siemens Energy to supply the ...

(TN) Seatrium has selected Siemens Energy to supply the compression systems for Petrobras' new floating production, storage and offloading (FPSO) vessels, P-84 and P-85. The project will increase t...

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