

Increased renewable energy production and storage is a key pillar of net-zero emission. The expected growth in the exploitation of offshore ...

Abstract. This paper demonstrates a pioneering technology adaption for using a membrane-based subsea storage solution for oil/condensate, modified into storing clean ...

Hit with the combined effects of COVID-related demand destruction and excess supply, the U.S. oil industry is faced with storage demand exceeding availability. Responding ...

The Biden Administration is spending hundreds of millions of dollars to close abandoned oil and gas wells across the country, but what if ...

A new study by researchers at Penn State found that taking advantage of natural geothermal heat in depleted oil and gas wells can improve the efficiency of one ...

WASHINGTON, D.C. - The U.S. Department of Energy (DOE) today released its draft Energy Storage Strategy and Roadmap (SRM), a plan ...

The Department of Energy (DOE) has awarded Strategic Storage Partners LLC a \$1.4-billion contract to manage and operate the United States' Strategic Petroleum Reserve for ...

Face extreme conditions The oil & gas industry is one of the most risk-averse industries. Any Battery Energy Storage System (BESS) must demonstrate that it is a safe alternative to the ...

Accra, Ghana - April 25, 2024 - The Chamber of Bulk Oil Distributors" (CBOD) attention has been drawn to Government"s plans to make the Bulk Energy ...

Monthly average natural gas spot prices in the northwestern United States reached historic lows in 2025, as ample supply from Canada coincided with subdued regional demand for natural ...

This guide covers the business of oil and gas for researchers interested in the history, regulations, production, transportation and storage, marketing and distribution, statistical sources, and ...

WASHINGTON, D.C. - Today, the U.S. Department of Energy (DOE) announced a solicitation to immediately make 30 million barrels of the Strategic Petroleum Reserve"s ...

Compressed-air energy storage systems are designed to store energy by compressing air and storing it



Energy storage oil press

underground in geological formations. When demand surges, ...

1 · China has started building new strategic reserves for crude oil, providing a boost to global oil demand and potential support for prices, as new supplies from both within and outside Opec ...

The applications of energy storage systems have been reviewed in the last section of this paper including general applications, energy utility applications, renewable ...

Moving from fossil fuels to renewable energy sources like wind and solar will require better ways to store energy for use when the sun is not shining or the wind is not ...

A hybrid energy storage project in western Kern that was approved for federal financial support under the Biden administration has managed to survive under the Trump ...

Caterpillar Oil & Gas announced the launch of the Cat Hybrid Energy Storage Solution to help drillers and operators cut fuel consumption, ...

In this review, the storage capability of depleted oil and gas reservoirs has been confirmed, and factors affecting the CO2 storage potential, including geological factors and ...

Crude oil storage is a cornerstone of the oil and gas industry's logistics chain. While challenges persist, advancements in technology and adherence to stringent safety and environmental ...

An unprecedented collapse in U.S. oil prices has prompted market participants to reflect on the difficulty and costs of storing crude.

3 · Oil prices eased on Wednesday, after rising more than 1% in the previous session, as investors assessed Russian supply risks following Ukrainian drone attacks on energy ...

We're on a mission to clean up and repurpose idle oil wells for energy storage using our innovative gravity energy storage technology.

Electric thermal oil solution leverages award-winning bGen(TM) efficiency and delivers low-carbon heat at price parity with fossil fuels Next-generation thermal storage ...

This year's 6th Renewable & Storage Forum, an energypress event that stands as the country's largest and most influential conference on renewable energy sources and ...

Star Energy Corporation Ltd. and Oiltanking GmbH announced today the signing of an agreement whereby Oiltanking has acquired a shareholding in Star Energy Resources ...

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Underwater energy storage provides an alternative to conventional underground, tank, and floating storage. This study presents an underwater energy storage accumulator ...

The benefits of developing offshore energy storage solutions are not limited to the decarbonisation of the oil and gas industry. The shipping ...

The latest developments of the game-changing subsea storage technology, enable a safer and low-emission future, in partnership with Equinor, Shell, The Research ...

With our new subsea energy storage system, based on our membrane-based storage solution for oil and chemicals, you can now store liquid clean energy, such as ammonia or e-methanol, ...

Increased renewable energy production and storage is a key pillar of net-zero emission. The expected growth in the exploitation of offshore renewable energy sources, e.g., ...

This portfolio spans the entire power value chain, from renewable and conventional energy generation to transmission, distribution, trading, storage solutions, and ...

Why Oil Platforms Are Betting Big on Energy Storage oil platforms aren't exactly the first thing that comes to mind when you hear "energy innovation." But here's the kicker: ...

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