

Chevron Acquires Majority Stake In The Advanced Clean Energy Storage Hydrogen Project In Delta, Utah
Chevron U.S.A. Inc., through its Chevron New Energies division, announced it has closed a transaction with Haddington Ventures to acquire 100% of Magnum Development, LLC (Magnum Development) and thus a majority interest in ACES Delta, LLC (ACES ...

The release of the Guiding Opinions on Promoting Energy Storage Technology and Industry Development helped to increase the development of the combined solar PV, energy storage, and EV charging model. With investment and construction of solar-storage-charging infrastructure rapidly expanding, the green power era may not be far away.

Amsterdam/Paris, May 15, 2024 - InfraVia Capital Partners ("InfraVia"), a leading European infrastructure investor in the field of sustainability and the Energy Transition, has acquired a majority stake in GIGA Storage, a leading player in the field of development, construction and operation of Battery Storage Systems ("BESS") in the Netherlands and Belgium.

Columbia Engineering material scientists have been focused on developing new kinds of batteries to transform how we store renewable energy. In a new study published September 5 by Nature Communications, the team used K-Na/S batteries that combine inexpensive, readily-found elements -- potassium (K) and sodium (Na), together with sulfur (S ...

CES, a grid-scale battery energy storage platform supporting the energy transition, will invest more than £400m to build out a pipeline of battery energy storage projects in the UK. These projects form an important part of the UK's plans to transition to net-zero and are currently under development by Constantine Group subsidiary Pelagic ...

MnO 2 offers potentially the supercapacitors with high energy density due to its high theoretical capacity. However, the Na + storage performance of MnO 2 is challenged by the sluggish electron/ion transfer kinetics. Herein, we report the engineering of delocalized d-electrons spin states of Mn site through simple Ni doping in MnO 2 (Ni-MnO 2) to greatly boost its Na + ...

The Dinglun project is one of the first batch of pilot demonstration projects using new energy storage technologies in Shanxi Province, though such projects are happening all over China too. It will participate in grid frequency regulation. According to reports, China Energy Construction Shanxi Power Engineering Institute and Shanxi Electric ...

Austin Knight, vice president, Hydrogen, Chevron New Energies, said: "As we continue to pursue lower carbon energy solutions, we are excited to move forward with the advanced clean energy storage hydrogen



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project, through our acquisition of Magnum Development and partnership with Mitsubishi Power, to build on Chevron's 75-year history in ...

InfraVia has acquired a majority stake in GIGA Storage, Dutch player in Battery Energy Storage Systems (BESS) in the Netherlands and Belgium. Wednesday, November 2024 Shop (0 ... The founder-led management team will retain a significant stake in the company and will continue to lead GIGA Storage during this new accelerated phase of growth.

TC Energy Corporation (formerly TransCanada Corporation) has completed an undisclosed equity investment in Turning Point Generation (TPG), the developer and owner of the 400 MW Canyon Creek pumped-storage power project in the western Canadian province of Alberta.

In the first half of 2023, China's new energy storage continued to develop at a high speed, with 850 projects (including planning, under construction and commissioned projects), more than twice that of the same period last year. The newly commissioned scale is 8.0GW/16.7GWh, higher than the new scale level last year (7.3GW/15.9GWh). ...

For energy-related applications such as solar cells, catalysts, thermo-electrics, lithium-ion batteries, graphene-based materials, supercapacitors, and hydrogen storage systems, nanostructured materials have been extensively studied because of their advantages of high surface to volume ratios, favorable tran

New Fortress Energy completes sale of stake in Energos Infrastructure Business Wire February 15, 2024 By: Staff . [CLICK HERE FOR FULL ARTICLE](#) . In the news ... storage, and regasification services to a diverse customer base comprised of utilities and energy companies under long-term charters. Energos owns and operates 13 LNG infrastructure ...

Europe and China are leading the installation of new pumped storage capacity - fuelled by the motion of water. Batteries are now being built at grid-scale in countries including the US, Australia and Germany. Thermal energy storage is predicted to triple in size by 2030. Mechanical energy storage harnesses motion or gravity to store electricity.

The asset management division of Macquarie, an Australian finance giant, has been expanding in US onshore clean energy, announcing late last month that it will acquire a significant minority stake in DE Shaw's grid-scale battery storage, solar, and ...

Following the acquisition of a controlling stake by Hitachi Energy, Powin retains a "significant ownership stake" in the Seville-headquartered inverter and power conversion system (PCS) manufacturer. The pair have formed a strategic partnership with a view to developing PCS products for the energy storage market together.

Both national and regional governments are industriously laying the groundwork for the transportation and storage of hydrogen fuels, backing the widespread implementation of these clean fuels across areas such as

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transportation, power generation, heavy industry, and energy storage. Hydrogen Power in Shipping and Aviation

Norwegian oil and gas company Equinor has acquired a stake of 9.8% valued at approximately \$2.5bn in Danish renewable energy developer Ørsted. The minority interest corresponds to about 41.2 million shares in Ørsted, making Equinor the second-largest shareholder in the clean energy company.

Enertech International makes components for lithium-ion batteries as well as complete systems, from electrodes to lithium-ion cells and energy storage systems. Rosatom's energy storage division, RENERA, has signed agreements with Enertech in line with the parent company's strategy to develop non-nuclear business interests.

Energy storage is key to secure constant renewable energy supply to power systems - even when the sun does not shine, and the wind does not blow. Energy storage provides a solution to achieve flexibility, enhance grid reliability and power quality, and accommodate the scale-up of renewable energy. But most of the energy storage systems ...

In China, generation-side and grid-side energy storage dominate, making up 97% of newly deployed energy storage capacity in 2023. 2023 was a breakthrough year for ...

Dubai-based supercap energy storage manufacturer Enercap Holdings and Abu Dhabi-based Apex Investment, a leading diversified investment holding company, have formed a joint venture to build 16GWh ...

In the past few decades, electricity production depended on fossil fuels due to their reliability and efficiency [1]. Fossil fuels have many effects on the environment and directly affect the economy as their prices increase continuously due to their consumption which is assumed to double in 2050 and three times by 2100 [6]. Figure 1 shows the current global ...

New Fortress Energy will sell its 20% stake in Energos Infrastructure, created by the company ... Energos by transferring ownership of 11 vessels to the company in exchange for \$1.85 billion cash and a 20% equity stake. Energos provides LNG delivery, storage and regasification services to customers including utilities and energy companies under ...

Adapted from a news release by the Department of Energy's Argonne National Laboratory.. Today the U.S. Department of Energy (DOE) announced the creation of two new Energy Innovation Hubs. One of the national hubs, the Energy Storage Research Alliance (ESRA), is led by Argonne National Laboratory and co-led by Lawrence Berkeley National ...

London Stock Exchange-listed energy storage investor-developer Gore Street has acquired a portfolio of eight energy storage assets in Texas, US. It follows the energy storage fund entering the German market with the acquisition of a 90% stake in a 28MWh operational energy storage asset in Cremzow earlier this month.



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The company targets building more than 300MW of long-duration storage assets over the next 3 years throughout Western Europe. Mohit Singh, Vice President in CCI's European Principal Investments team, said:. We are pleased to partner with S4 Energy as a shareholder and look forward to working closely with them to develop the company into a pan-European ...

MITEI's three-year Future of Energy Storage study explored the role that energy storage can play in fighting climate change and in the global adoption of clean energy grids. Replacing fossil fuel-based power generation with power generation from wind and solar resources is a key strategy for decarbonizing electricity. Storage enables electricity systems to remain in... Read more

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