

OCEANIA ENERGY STORAGE COMPANY

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Can Oceania power a sustainable shipping industry with Australian natural resources? Powering a sustainable shipping industry with Australian natural resources. Oceania are delivering the world's first ammonia-ready LNG bunkering vessel. Forging the transition for Australia's sustainable shipping industry.



Can Oceania provide zero-carbon fuel to the shipping industry? Oceania are collaborating with energy, shipping and industry partners to realise this opportunity. Australia is uniquely positioned to be the world leader in providing zero-carbon fuels to the shipping industry.



What is Oceania doing with natural gas & green ammonia? Oceania is progressing its LNG bunker license applications with key port authorities and is engaging in preliminary talks with Australian natural gas and green ammonia. Oceania are collaborating with energy, shipping and industry partners to realise this opportunity.



How can Oceania & Kanfer build a sustainable shipping industry in Australia? Oceania and Kanfer aim to build a long-term zero emission sustainable shipping industry in Australia using LNG as the transition fuel and move towards green ammonia and methanol as the targeted fuel for bunkering vessels operating in the Northwest and Eastern ports of Australia.



In Oceania, the increasing interest in energy storage can be attributed to multiple factors, including the fast cost reduction of energy storage solutions, the tendency for building reliable and modern electricity grids, the need of peak shaving management, and the integration of green energy resources. Although pumped hydroelectric energy storage system is the dominant one

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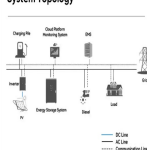


Bids for the South West Renewable Energy Zone (REZ) Access Rights in New South Wales (NSW), Australia have exceeded the targeted capacity by four times, while a 100MW solar-plus-storage project has been approved in the same state.



VFlowTech is a Singapore headquartered company focused on developing and manufacturing long duration energy storage systems specializing in vanadium redox flow batteries (VRFB). Established in 2018, VFlowTech focuses on developing safe, scalable, and sustainable energy storage solutions that address the intermittency challenges of renewable

System Topology



Announcement of Memorandum of Understanding for a Joint Study November 30, 2023 RINA, Oceania and PCF have agreed to collaborate to develop an "end-to-end" low-carbon profile LNG production and marine vessel bunkering capability concept for the port of Port Hedland proposing a pathway to IMO 2050 "zero-emissions" through onboard hydrogen production.



The company has installed their long duration storage systems in over 10 countries globally and has a vision to drive the world towards energy equity where everyone can access clean energy at affordable pricing. For more information on VFlowTech, please visit: About MOL (Asia Oceania)



The Winners Are Set to Be Announced for the Energy Storage Awards! Energy Storage Awards, 21 November 2024, Hilton London Bankside. Book Your Table. Asia & Oceania. Australia: New South Wales proposes 28GWh by 2034 long-duration energy storage target JSW Energy has signed a PPA with India's Maharashtra State Electricity Distribution

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Image credit: Oceania. Kanfer Shipping AS, a Norway-based shipping company focusing on small-scale LNG and LNG bunkering, and Australia's Oceania Marine Energy have signed a Letter of Intent (LOI) to build an ammonia-ready LNG bunkering vessel. Image credit: Oceania Marine Energy



Wilsonville, Ore. ??? August 11, 2022 ??? ESS Inc. (NYSE: GWH) today announced a strategic partnership with Energy Storage Industries Asia Pacific ("ESI") to distribute and manufacture ???



Southeast Asia & Oceania. A Tesla spokeswoman has confirmed that the company's current undertaking to build a 129MWh battery storage facility will not use long-time supplier and partner Panasonic's lithium-ion cells. While headlines about energy storage in Australia have been dominated by news of batteries in large-scale utility



Established in 2018, VFlowTech focuses on developing safe, scalable, and sustainable energy storage solutions that address the intermittency challenges of renewable energy sources like solar and wind power and are designed for various applications, including utility-scale projects, microgrids, and off-grid solutions.



In the past two years, the energy storage business has developed rapidly, and the company's operating income of energy storage products in 2021 will be 142 million yuan, a year-on-year increase of 137%; The proportion of energy storage business in total revenue increased from 0.12% in 2017 to 12.97% in 2021, and the revenue of energy storage

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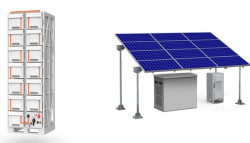
Oceania values preserving the ocean environment, whilst maintaining economic competitiveness through new and best-in-class technology. Oceania aim to accelerate the energy transition by providing a significant, long-term demand for Australia's growing green energy suppliers, we are ready to act at this critical inflection point.



Oceania's ambition is to deliver 1 million tonnes of clean marine fuel by 2030. Powering a sustainable shipping industry with Australian natural resources. Oceania are delivering the world's first ammonia-ready LNG bunkering vessel.



Provider of solutions for thermal energy storage. In its system, modular blocks are stacked into insulated storage tanks, which can store energy for use in many applications. Thermal energy storage allows for the repurposing of steam turbines and can make steam for green hydrogen production.



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As such, we constantly explore business opportunities related to renewable energy power generation facilities (hydro, geothermal, wind, solar, and biomass), energy storage systems (battery, and pump storage hydro), and peripheral infrastructures which support these systems (transmission line networks).

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Additionally, the company's iron salt energy storage system, centered around a redox flow battery unit, represents a breakthrough in long-duration battery technology, ensuring grid-scale base load capabilities for wind and solar parks. New Zealand, and Oceania. The Future of Energy Storage: Trends and Opportunities Contact: Mr. Rohan



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Every 12 units create an energy storage and frequency regulation unit, the firm said, with the 12 combining to form an array connected to the grid at a 110 kV voltage level. China Energy Construction Shanxi Power Engineering Institute and Shanxi Electric Power Construction Company carried out construction while BC New Energy was the



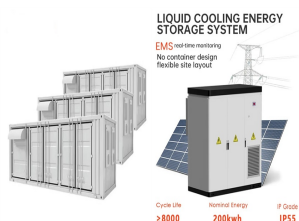
From thin film photovoltaics research to collaborating with innovative startups in solar, wind, wave, and tidal energy as well as energy storage, mooring systems, space tech, and communications. Bevan has a broad range of experience scaling multiple deeptech solutions from early concepts to commercialized products.



Oceania have completed a study with RINA and Pilbara Clean Fuels Pty Ltd that reveals that Well-to-Wake emissions in the Pilbara-to-Asia iron ore export trade route can be reduced by over 90% by 2050 through the use of LNG. Western Australia is the largest producer of iron ore in the world, with current production of over 850 million tonnes per annum, the majority of which is ???

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The Winners Are Set to Be Announced for the Energy Storage Awards! Energy Storage Awards, 21 November 2024, Hilton London Bankside. Book Your Table. Asia & Oceania. The 5 ingredients for success in the future stationary energy storage market battery deliveries after laboratory test results revealed that a significant number of batteries in



Oceana Energy formed as a solution for our future to have affordable, clean electricity, clean drinking water from the sea, and hydrogen fuel. We have to conceptualize a future that's different for people. Dan and his team at Oceana Energy partnered with the Navy and have spent years designing the most adaptive engineering for the ocean.



It is more significance development for China's energy storage In 2023. The annual growth rate of new energy storage set a new record,with two years ahead of schedule achieve the national 14th Five-Year Plan target According to incomplete statistics from the China Energy Storage Alliance (CNESA) Global Energy Storage Database, in 2023, China added ???



Hugh Reynolds Director Nick Bentley Director Mark Evans Director Hugh has thirty years" professional experience in the Oil & Gas industry in general management, business development, consultancy management, project management, and engineering. Hugh founded and lead a small-scale LNG consultancy, successfully building capability to become a leader in the ???



Perth, Australia 15 th June 2021: Oceania Marine Energy ("Oceania"), an Australian company focused on connecting natural resources and energy production to shipping industry, and Kanfer Shipping AS ("Kanfer"), the Norway-based shipping company focusing on small-scale LNG sea transportation and LNG bunkering have signed a Letter of Intent (LOI) to bring the world's first ???

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About Oceania Marine Energy Oceania Marine Energy is proudly Australian, connecting our natural resources and energy production to our shipping industry. Oceania aims to accelerate the energy transition by providing a significant, long-term demand for our growing green energy suppliers. We are ready to act at this critical inflection point.



Australia is the major market for energy storage in Oceania. In 2024, its capacity amounted to just over 6GW representing only 2% of the global energy storage capacity. This capacity is set to grow at a CAGR of 28% between 2024 and 2030, which is greater than the global growth rate of storage capacity which is 16%.