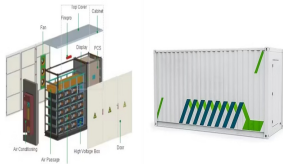
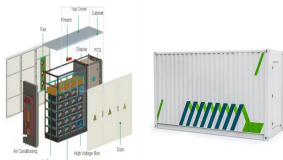


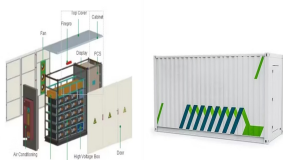
NATIONAL SUBSIDIES FOR ENERGY STORAGE COMPANIES



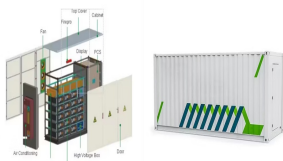
What are the different types of energy storage policy? Approximately 16 states have adopted some form of energy storage policy, which broadly fall into the following categories: procurement targets, regulatory adaption, demonstration programs, financial incentives, and consumer protections. Below we give an overview of each of these energy storage policy categories.



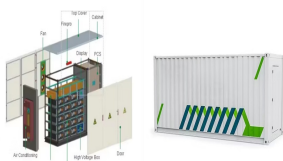
Are energy storage projects eligible for a refundable ITC? Energy storage projects owned by taxable entities are not eligible for a refundable ITC, but instead can take advantage of the new transferability rules. The IRA added a provision to permit project owners (other than tax-exempt entities) to make an election to transfer the ITC to an unrelated third party.



Are energy storage projects exempt from prevailing wage and apprenticeship requirements? Two exemptions from the prevailing wage and apprenticeship requirements exist: Smaller-scale energy storage projects (under 1MW of storage capacity) qualify for the 30% bonus rate regardless of compliance with the prevailing wage and apprenticeship requirements.

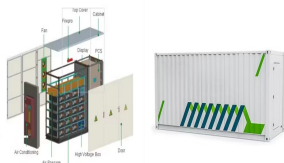


What is energy storage technology? Energy storage technology includes batteries, but it also applies more broadly to any energy storage technology that receives, stores and delivers energy for conversion to electricity, or to most technology that thermally stores energy (excluding swimming pools, combined heat and power systems, and building structural components).

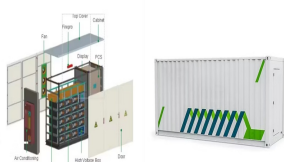


Why do we need reliable energy storage systems? ??? As we build our clean energy future, reliable energy storage systems will play a key role in protecting communities by providing dependable sources of electricity when and where it's needed most, particularly in the aftermath of extreme weather events or natural disasters, ??? said U.S. Secretary of Energy Jennifer M. Granholm.

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Are energy storage installations eligible for ITC? Energy storage installations that are placed in service after Dec. 31, 2022, and begin construction prior to Jan. 1, 2025, are entitled to the existing ITC under Section 48 (a).



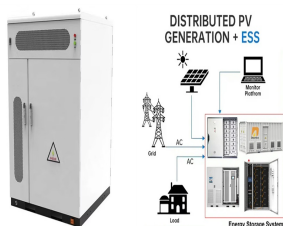
34 companies bid for green hydrogen subsidies. Fourteen companies, including Acme Cleantech, Avaada GreenH2, Bharat Petroleum Corp, CESC, Greenko ZeroC, JSW Energy, Reliance Industries, Sembcorp Green Hydrogen, and Torrent Power, have submitted bids for incentives under India's Green Hydrogen Mission.



1. INTRODUCTION TO NATIONAL SUBSIDIES. Understanding the concept of national subsidies is essential for grasping their role in the energy storage sector. Subsidies are monetary aids provided by the government to encourage specific industries or activities. In the context of the energy storage industry, these funds significantly enhance the

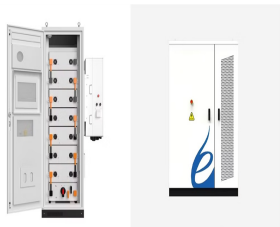


The U.S. Department of Energy (DOE) and other federal government agencies fund research and development for renewable energy technologies. The DOE's national laboratories carry out or manage most of this research and development in collaboration with academic institutions and private companies.

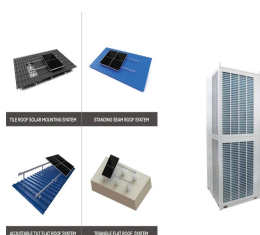


Overall Trend of Energy Storage Market. In terms of the Spanish energy storage market, by the end of 2022, the total Spanish energy storage market will be about 10.8GW. The government's goal is to reach 20GW of energy storage capacity by 2030 and 30GW by 2050.

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Schemes; S No. Issuing Date Issuing Authority Name of the Policy Short Summary Document; 1: 28.09.2022: Ministry of Power: Amendment to the Scheme for Flexibility in Generation and Scheduling of Thermal/Hydro Power Stations through bundling with Renewable Energy and Storage Power dated 12th April 2022 ??? Deletion of Paras 9.2 and 9.4.3 -reg.



Earlier this year, Western Power Distribution, a DNO, signed a contract with RES (a renewable energy company) to deliver an energy storage system co-located with a 1.5MW solar farm. This project aims to demonstrate the network services "solar + storage" can provide behind-the-meter to the owner and operator of the solar farm and to DNOs.



Regulatory bodies such as the National Energy Regulator of South Africa (NERSA) play a critical role in promoting energy storage solutions within the residential market. These organizations establish and oversee the frameworks that govern energy generation and distribution, ensuring that rules and policies encourage innovation and investment.



Greece is taking strong steps to decrease national and EU dependence on Russian energy imports. A new floating storage unit at the liquefied natural gas (LNG) terminal started operations in August 2022; thanks to the new unit, LNG cargoes have doubled year-on-year, while imports from Russia have dropped from 40% to less than 20% of Greece's



The money will go towards grid-scale batteries to help transmission system operators balance the grid. The European Commission has approved ???19.8 million (US\$20.1 million) in state aid from the government of Croatia to energy storage operator IE-Energy for a series of grid-connected projects.

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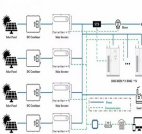
and flexible energy storage operators. ??? Energy is traded at the European Energy Exchange (EEX) in Leipzig, Germany. Over 4000 firms participate in the German energy stock market. ??? Certified market participants (only companies) can buy ???



Elevated electricity costs pose a challenge for the commercial viability of new energy storage systems, requiring subsidies to make them economically feasible. United States. Around \$92 billion has been invested in the US battery supply chain since President Biden took office in 2021, Energy Storage News reported in January 2023.



The goal is to add 200 MW in combined capacity with at least 100 MW of battery energy storage supported by subsidies. Participants are competing for EUR 55 million. Maximum support per plant is EUR 549,000 per MW, excluding value-added tax, of the storage unit's operating power.



Australian Government Provides Subsidies For Energy Storage. The company focuses on stationary Energy Storage across all applications from Residential, Self - Consumption and Microgrid through to large scale stationary storage. We are Europe's first conference dedicated solely to energy storage since 2010. Get Price



On December 2, the National Development and Reform Commission and the National Energy Administration issued "Notice on Completing the Signing of Medium- and Long-term Electric Power Contracts in 2021", which calls for widening of the electricity peak and off-peak price gap. The notice states th

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Available information on the scheme. Per recent media reports, the Indian government has said that it will provide incentives totaling INR 37.6 billion (US\$455.2 million) to companies undertaking battery storage projects. Earlier this year, the government revealed plans for battery storage projects with a total capacity of 4,000 megawatt hours (MWh); specific ???



The issuance marked the conclusion of a years-long solicitation of national energy storage demonstration projects with the shortlisting of eight large-scale energy storage projects in a range of applications. Beijing's Chaoyang District continued to provide 20% initial investment subsidies for energy storage projects after energy storage



"Gravitricity's low power cost and high cyclability sets it apart from other technologies, the global growth of renewable energy means there is a growing need for grid stabilisation, and their energy storage system plays directly into this market. The technology is scalable, easy to install and comes with a long lifetime.

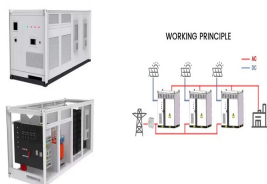


More Inside Switzerland's giant water battery . This content was published on Sep 3, 2021 A new pumped-storage and turbine plant in Switzerland could give a significant boost to the development



Energy independence is the state in which a nation does not need to import energy resources to meet its energy demand. Energy security means having enough energy to meet demand and having a power system and infrastructure that are protected against physical and cyber threats. Together, energy independence and energy security enhance national security, American ???

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About the Home Energy Rebates. On Aug. 16, 2022, President Joseph R. Biden signed the landmark Inflation Reduction Act, which provides nearly \$400 billion to support clean energy and address climate change, including \$8.8 billion for the Home Energy Rebates.. These rebates ??? which include the Home Efficiency Rebates and Home Electrification and Appliance Rebates ???



400MWh lithium iron phosphate (LFP) battery energy storage system (BESS) project in Ningxia, China. Image: Hithium. On May 14th, China's National Development and Reform Commission (NDRC) and the National Energy Administration (NEA) jointly issued the "Basic Rules for the Operation of the Power Market" (hereinafter referred to as the "Rules").



Total budget in the National Recovery and Resilience Plan, under the European Union's Recovery and Resilience Facility, is EUR 339 million, of which EUR 66 million will remain for the third tender. The goal is to add 200 MW in combined capacity with at least 100 MW of battery energy storage supported by subsidies. Bulgaria is relying



On March 21, the National Development and Reform Commission (NDRC) and the National Energy Administration of China issued the New Energy Storage Development Plan During China's "14th Five-Year Plan" Period. The plan specified development goals for new energy storage in China, by 2025, new