

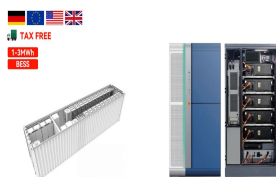
ENERGY STORAGE CONSTRUCTION LEGISLATION



Massachusetts Governor Charlie Baker signed into law An Act driving climate policy forward. The omnibus bill involves clean energy workforce and economic development, offshore wind procurement, energy storage, regional coordination of clean energy development, electric vehicles, energy efficiency and building electrification.



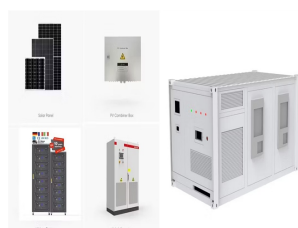
Alquist Act to periodically update and adopt building standards to increase energy efficiency of buildings and reduce GHGs. Part 6 of Title 24 implemented this mandate so that every three years the CEC presents Building Energy Efficiency Standards (Energy Code) updates for new construction and renovations to existing buildings.



Several pieces of legislation focused on water in Colorado were passed during the 2024 session. These include measures concerning water projects, regulations for construction activities near wetlands and rivers, water conservation efforts, and improving water quality.



Summary of Key Changes. In the final hours of the 2024 Legislative Session, the Minnesota Legislature passed the Agriculture and Energy Omnibus Bill (2024 Permitting Reform Legislation or Legislation), which contained some of the most significant energy permitting policy reform of the last 50 years. Governor Tim Walz is expected to sign the Legislation in the a?|



DCAS Report. List of Figures and Tables . Figure 1: Services offered by utility-scale energy storage systems 10 Figure 2: Energy Storage Technologies and Applications 12 Figure 3: Open and Closed Loop Pumped Hydro Storage 13 Figure 4: Illustration of Compressed Air Energy Storage System 14 Figure 5: Flywheel Energy Storage Technology 15 Figure 6: a?|

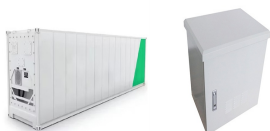
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In response to increased State goals and targets to reduce greenhouse gas (GHG) emissions, meet air quality standards, and achieve a carbon free grid, the California Public Utilities Commission (CPUC), with authorization from the California Legislature, continues to evaluate options to achieve these goals and targets through several means including through a?)



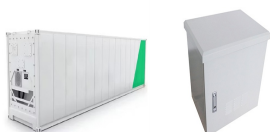
representing alifornia's landmark legislation on energy storage: 1) S 100, which establishes the state's goal of achieving zero-emission electricity by 2045, with 60 percent renewables to be achieved by 2030; and 2) SB 700, which provided expanded funding for energy storage and



Subject to a "begun construction" grandfathering provision, an energy storage project with a one-megawatt-or-greater maximum net output must comply with US Department of Labor/Davis-Bacon Act premised prevailing wage and apprenticeship (PWA) requirements or be subject to an 80% reduction in the generally expected 30% ITC.



In spite of foreseeing some innovative projects for energy storage in Portugal, there is not yet a general framework in this field. Nevertheless, Portugal has a sectorial legislative framework for the electric mobility network that describes the general framework of the network and the licences required to operate within it, this being Decree-Law no. 90/2014, of 11 June.



The strong pipeline of renewable energy and energy storage projects under construction or undergoing commissioning, combined with continuing strong investment in rooftop PV systems, has Victoria well placed to achieve its 2025 target of 40% renewable electricity generation and tracking well towards its 2030 energy storage target of at least 2.6 GW.

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These contracts allocate the risks of project development, construction, and performance between the parties and include the price that will be paid by the utility for the resource or energy storage services provided. Changes in Law: Energy storage procurement contracts must also take into account the ever-evolving suite of laws and



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. [7] Below we give an overview of a?



This report highlights trends in state energy legislation from 2023, ranging from renewable energy to energy security and grid development. Maine HP 313 requires a decommissioning plan to be submitted for construction of an energy storage project greater than two megawatts before it can be constructed. In addition to decommissioning plans



Jarvis a?? A key component of Ontario's energy supply a?? Oneida Energy Storage a?? is well into construction. More than 60 workers are on site daily, half of which are members of Aecon Six Nations (A6N), a joint venture between Six Nations of the Grand River Development Corporation (SNGRDC) and Aecon. Work already advanced includes:



STOP PRESSa??Impact of the Retained EU Law (Revocation and Reform) Act 2023: This document contains references to retained EU law (REUL) and associated terms introduced by the European Union (Withdrawal) Act 2018 in connection with Brexit. From 1 January 2024, REUL that remains in force is known as "assimilated law", in accordance with a?|

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The SAREM sets out numerous catalytic and supportive interventions that will drive the above objectives to ultimately achieve the vision of the "industrialisation of the renewable energy value chain to enable inclusive participation in the a?|



The Act extends the PTC and ITC for projects beginning construction before January 1, 2025 and expands the definition of "energy storage technology" to include thermal energy storage property, which is a system for storing thermal energy.



Senate Bill 24-212 Local Govs Renewable Energy Projects: Requires the Energy and Carbon Management Commission, at the request of a local government or Tribal government, to provide technical support for developing local codes governing wind, solar, energy storage, and energy transmission projects (renewable energy projects); or to review



The SAREM sets out numerous catalytic and supportive interventions that will drive the above objectives to ultimately achieve the vision of the "industrialisation of the renewable energy value chain to enable inclusive participation in the energy transition, serving the needs of society, and contributing to economic revival". Energy storage



EPCRA Emergency Planning and Community Right-to-Know Act EPS electric power system EPSS emergency or standby power supply system ESS energy storage system (CG) covers the design and construction of stationary energy storage systems (ESS), their component parts and the siting, installation, commissioning, operations, maintenance, and

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Proposed Rules for "Technology-Neutral" Clean Electricity Incentives in the Inflation Reduction Act WASHINGTON a?? Today, the U.S. Department of the Treasury and Internal Revenue Service (IRS) released proposed guidance on the Clean Electricity Production Credit and Clean Electricity Investment Credit established by President Biden's Inflation Reduction a?|



The base ITC rate for energy storage projects is 6% and the bonus rate is 30%. The bonus rate is available if the project is under 1MW of energy storage capacity or if it meets the new prevailing wage and apprenticeship requirements (discussed below). New Section 48E Applies ITC to Energy Storage Technology Through at Least 2033



The Energy Act is a statement of intent to support a flourishing British nuclear and low-carbon energy sector. The government is also introducing a licensing framework for CO2 transport and



The Bipartisan Infrastructure Deal is a long-overdue investment in our nation's infrastructure, workers, families, and competitiveness. A key piece in President Biden's Build Back Better agenda, the infrastructure deal includes more than \$62 billion for the U.S. Department of Energy (DOE) to deliver a more equitable clean energy future for the American people by a?|



The ITC allows taxpayers to claim a credit based on the cost of energy property. The Inflation Reduction Act generally extends the credit for property with construction beginning by the end of 2024. Under the act, the ITC is expanded to include energy storage technology, including batteries.

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On Monday, July 22 U.S. Senators Joe Manchin and John Barrasso (R-WY), Chairman and Ranking Member of the Senate Energy and Natural Resources Committee, released the Energy Permitting Reform Act of 2024. This bipartisan legislation aims to strengthen American energy security by accelerating the permitting process for critical energy and mineral a?|



a?c Solar, Storage, or Hybrid: 50 MW a?c Wind or Hybrid: 100 MW a?c Permitted locally on or after October 1, 2023. a?c Community Energy Management Program: a?? Financial assistance for local and tribal governments or other public service entities to improve energy management and accelerate the implementation of energy efficiency and renewable