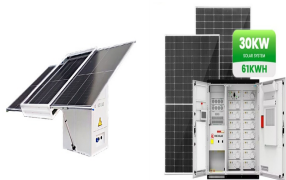


ENERGY STORAGE NEW ENERGY PROCUREMENT



Lumen conducted two comprehensive energy storage studies for the California Public Utilities Commission, required by Decision 13-10-040 and pursuant to Assembly Bill 2514. The final study report includes a comprehensive assessment of the CPUC's stationary energy storage procurement framework, its impact on the evolution of California's



Energy storage resources are becoming an increasingly important component of the energy mix as traditional fossil fuel baseload energy resources transition to renewable energy sources. There are currently 23 ???



2 ? This round of procurement targets 616 MW of battery energy storage capacity across five designated sites in the Free State: Harvard, Leander, Theseus, Everest and Merapi. The list of bidders includes a variety of consortiums and developers, many of which are registered under holding names that obscure the specific Independent Power Producers (IPPs) involved.



The majority of new energy storage installations over the last decade have been in front of the meter utility scale energy storage projects that will be developed and constructed pursuant to procurement contracts entered into between project developers (or a special ???)



After a decade of lithium-ion procurement, the leading clean energy states are finally turning their attention to long duration energy storage. Although it may still seem like a new idea, state-mandated procurement of ???

ENERGY STORAGE NEW ENERGY PROCUREMENT



, 1???:2:30 p.m. ET. FEMP IACET: 0.2 CEU. Level: Introductory. In support of energy-related executive order goals and legislative mandates, the Federal Energy Management Program (FEMP) is helping agencies understand considerations and best practices surrounding federal procurement of stationary battery energy storage systems (BESS).



The ban takes effect in October 2027 and targets CATL, BYD, Envision Energy Ltd., EVE Energy Co., Gotion High Tech Co. and Hithium Energy Storage Technology Co. Although the enforcement date remains three years away, the congressional action had an immediate impact on the utility sector.



The majority of new energy storage installations over the last decade have been in front-of-the-meter, utility-scale energy storage projects that will be developed and constructed pursuant to procurement contracts entered ???



Reducing risk in battery procurement for large energy storage projects in the US; In the rapidly growing but still relatively new battery energy storage sector, the procurement and integration of equipment for large ???

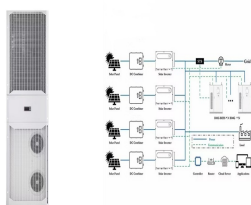


The German government has opened a public consultation on new frameworks to procure energy resources, including long-duration energy storage (LDES). Under the proposed Kraftwerkssicherheitsgesetz, loosely translated as the Power Plant Safety Act, the Ministry for the Economy and Climate Change (BMWK) would seek resources, including 12.5GW of new ???

ENERGY STORAGE NEW ENERGY PROCUREMENT



The California Public Utilities Commission (CPUC) has proposed the procurement of over 10GW of new energy resources, including 1GW of multi-day long-duration energy storage (LDES) and another 1GW of 12-hour-plus LDES. The Energy Storage Summit USA is the only place where you are guaranteed to meet all the most important investors



2GW Ontario storage procurement. Following the province's largest ever energy storage procurement, the IESO is launching a second procurement (LT2 RFP) which the system operator will split into three different streams to secure capacity and energy into the 2030s and beyond. After receiving feedback on its previous LT1 procurement, the IESO



Contracting for Energy Storage. The majority of new energy storage installations over the last decade have been in front-of-the-meter, utility-scale energy storage projects that will be developed and constructed pursuant ???



On May 16th, 2023, the Independent Electricity System Operator (IESO) announced it is moving forward with the procurement of seven new energy storage projects to provide 739 MW of capacity. After years of stable supply, Ontario's electricity system is in the early stages of a dramatic transformation to support decarbonization and economic



With Virginia now one of seven US states with a form of energy storage target in place, Virginia's goal slightly outdoes the next largest, New York's, which was set at 3GW by 2040. With that in mind, the Virginia State Corporation Commission ??? which has the authority to regulate numerous sectors including everything from utilities to insurance ??? issued its ???

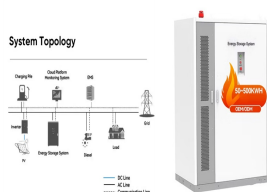


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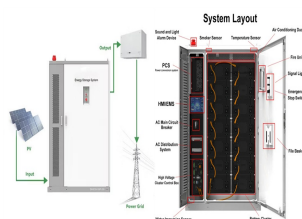
ENERGY STORAGE NEW ENERGY PROCUREMENT



Groundbreaking ceremony held in October for New England's first utility-scale battery project. Image: NEC ES. The north-eastern US state of Massachusetts will introduce a procurement target for energy storage resources, with the state's department of energy resources (DOER) collecting views from stakeholders.



This procurement also builds on the government's recent procurement of nearly 3,000 MW of new battery storage projects ranging from five to over 400 MW in capacity. "Our forecasts show that Ontario will need more resources to meet demand as our population and economy grows and continues to electrify," said Lesley Gallinger, Chief Executive Officer of ???



Winners of the procurement with BESS bids include Boralex, a Toronto Stock Exchange-listed renewable energy developer, with two projects: Hagersville Battery Energy Storage Park, a 300MW, 4-hour duration (1,200MWh) project in Ontario's Haldimand County and Tilbury Battery Storage Project, which will be a 80MW/320MWh system in the Municipality of ???



With PGE claiming it to be the single largest procurement of energy storage in the US by a utility company outside of California, it comprises a 200MW project which PGE will co-develop and own, and another of equal size ???



New Illinois clean energy bills mandate state's first storage procurement, a VPP program, and more. Paul Gerke 10.16.2024. Power Agency, founder of The Power Bureau, and a professor at Northwestern University, found that meeting the bills' energy storage procurement target would provide \$3 billion in consumer cost savings, save \$7.3

ENERGY STORAGE NEW ENERGY PROCUREMENT



The Ontario Independent Electricity System Operator (IESO) has made Canada's biggest energy storage procurement to date, selecting nearly 1.8GW of projects through a Request for Proposals (RFP). IESO had said in 2022 ahead of launching the Expedited LT1 procurement that it would target between 1,500MW and 2,500MW of energy storage out of a



Chuyan Cheng is a Manager on the Power Marketing & Analytics team. Her work is focused on offtaker proposals and energy market research. Previously, Chuyan was a graduate consultant working with the DC Department of Energy and Environment, where she reviewed federal- and state-level solar policies and provided solutions to facilitate the decarbonization process.



The plan, as reported by Energy-Storage.news in July, is based on an initial need determination made by the CPUC, which found that up to 10.6GW of long-lead-time (LLT) clean energy resources should be procured by 2037 in support of California's 2045 decarbonisation goal.. This would include up to 7.6GW of offshore wind and up to 1GW of ???



??? Energy activation (UP and DOWN) bids in real time to remunerate the energy injected or withdrawn from the grid by the energy storage system. At national level in Germany, each prequalified asset can submit a capacity reservation price (in ??? per MW per 4 hours) resulting in six daily products for up and down direction.