

# ALL ENERGY STORAGE PROJECTS ARE CANCELLED



Why have battery storage projects been cancelled? Image: APS. Some proposed battery storage projects have been cancelled the US and Canada since the start of this year, after facing opposition from local communities. According to local news outlets, three battery energy storage system (BESS) projects in Alberta, Canada and another in Staten Island, New York, have been dropped in January alone.



Why are storage projects postponed? At least a dozen storage projects meant to support growing renewable energy supplies have been postponed, canceled or renegotiated due to labor and transport bottlenecks, soaring minerals prices, and competition from the electric vehicle industry.



What happened to battery energy storage projects in Canada? According to local news outlets, three battery energy storage system (BESS) projects in Alberta, Canada and another in Staten Island, New York, have been dropped in January alone. Battery storage projects cancelled in parts of the US and Canada since the start of this year after opposition from local communities.



Why did Competitive Power Ventures cancel a gas plant project? Recent cancellations include electricity plant developer Competitive Power Ventures decision announced in October to abandon a gas plant project in New Jersey in the United States. It cited low power prices and the absence of government subsidies without giving financial detail.



How many gas power plant projects have been put on hold? In the first half of the year, 68 gas power plant projects were put on hold or cancelled globally, according to data provided exclusively to Reuters by U.S.-based non-profit Global Energy Monitor.

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What happened to NB Power's salt-based energy storage plan? An ambitious plan announced by N.B. Power two years ago to sponsor construction of a world first-of-its-kind salt-based energy storage system has been shelved indefinitely by the Crown corporation. But unlike an earlier big idea a?? a hydrogen from seawater project that it lost \$13 million on in 2019 a?? the utility says this time no funds were spent.



Virtually every large power generation option has faced objections at some stage, from locals in nearby areas. Solar just joined that list decisively, with the largest planned solar project in the US, the proposed 850 MW Battle Born Solar Project, being scrapped after local objections. This comes barely a month after Australia had pulled back [a?]



This energy corridor is soon to be the site of Canada's largest battery storage farm and the third largest in the world: the Oneida Energy Storage Project. Now under construction, the project will be part-owned by Six Nations, which also owns many of the wind turbines spinning around it.



In the first half of the year, 68 gas power plant projects were put on hold or canceled globally, according to data provided exclusively to Reuters by U.S.-based non-profit Global Energy Monitor. According to CEO Keith Clarke of UK-based Carlton Power, in the early 1990s, they were running gas plants as baseload power.

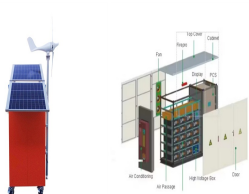


As well as cancellations, the ongoing lack of clarity around renewable energy development rules appears to be deterring new investment in Alberta. Although the moratorium formally ended in February 2024, as of the end of July, only three solar projects totaling 13 MW and zero wind projects have applied to the AESO since August 2023 (Figure 1

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For new energy-storage projects attached to wind or solar generation, however, Alberta's pause on new renewables poses a problem. He stressed those companies have not cancelled the projects



Growing fears about energy storage-related fires and explosions are threatening to derail the US' plans for the transition to renewable energy a?? now is the time for the storage sector to step up its efforts to address fire risk. Fire Risk Concerns Causing Storage Projects to Be Cancelled. October 18, 2023 | By Firetrace International



There are more than 7,290 major solar projects currently in the database, representing over 257 GWdc of capacity. There are over 1,040 major energy storage projects currently in the database, representing more than 43,650 MWh of capacity. The list shows that there are more than 140 GWdc of major solar projects currently operating. There remains an enormous amount of a?|



"But we have seen projects delayed or even cancelled," he adds. "In well-established energy storage markets, like the US, higher costs have resulted in some developers looking to renegotiate contract prices with offtakers," says Helen Kou, an energy storage associate at the research company BloombergNEF (BNEF) in San Francisco.

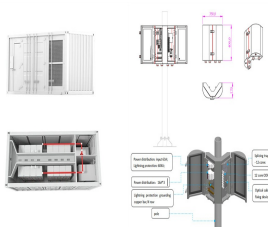


Nebraska-based energy company Tenaska has applied through an independent state agency for approval of Goldeneye, a 200-megawatt battery energy storage system (BESS) next to the Puget Sound Energy Sedro-Woolley substation east of city limits. It is one of at least four large projects solicited by PSE and under review in Whatcom and Skagit counties.

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Ontario Energy Minister Todd Smith has decided to withhold approval of two large energy storage projects being marketed as solutions to the province's looming supply crunch. The two projects in question are what's known as pumped storage systems, which both store and create energy by moving water up and down between two reservoirs or lakes



But this growing backlog has become a major bottleneck for project development: proposed projects are mired in lengthy and uncertain interconnection study processes, and most interconnection requests are ultimately cancelled and withdrawn. The Federal Energy Regulatory Commission (FERC) adopted major interconnection reforms in a?



Capital Power Generation has canceled a \$2.4 billion carbon capture and storage (CCS) project at their Genesee Generating Station, claiming it is "technically viable but not economically feasible.". The project aimed to capture and sequester up to 3 million tons of carbon dioxide emissions from the Genesee Power Plant, located southwest of Edmonton, Alberta, a a?



Grid storage batteries have become so cheap investors are beginning to abandon financing new gas-powered plants; In the first half of the year, 68 gas-power plant projects were put on hold or canceled globally.



Pumped hydro, wind and solar work together to keep the energy network reliable, providing electricity whenever it is needed. The Queensland Government is committed to keeping energy sustainable, reliable and affordable for all Queenslanders and pumped hydro will play a critical role in our ongoing renewable energy transformation.

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Plagued by lengthy waits to interconnect to the bulk power grid, a majority of under-development energy storage projects throughout the United States are being canceled rather than helping states and the federal government meet decarbonization goals.



Meanwhile, reeling from inflation and interest rate hikes, several offshore wind projects have been canceled to minimize losses. Portugal's 25-megawatt WindFloat Atlantic project came online in 2020 as the world's first semi-submersible floating wind farm. Image used courtesy of Principle Power Port Expansion for Floating Offshore Wind



**Project Updates** The Hagersville Battery Energy Storage Park was selected by the Ontario Independent Electricity System Operator (IESO) as part of its Expedited Long-Term Request for Proposals (RFP) for storage capacity. The official announcement can be found [here](#). All interested parties, especially local stakeholders and members of Indigenous communities, are strongly a?|



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Canada's energy minister is defending carbon capture and storage technology as both effective and affordable, after an Alberta power company walked away from a planned project and a study found

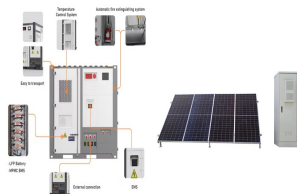
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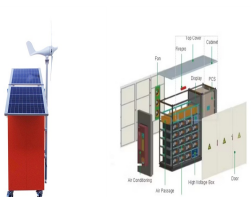
The AESO reports on all in-progress projects with an accepted system access service request, as well as recently energized and cancelled projects. This includes all projects following the AESO Connection Process. For more information on the AESO Connection Process please see Connecting to the grid.



A further 380MW was cancelled entirely. The firm had described those as "rolling delays" and in Q1 2023 had already included numerous large-scale battery energy storage system (BESS) projects intended to come online in 2022. Meanwhile the slowdown in the two distributed (behind-the-meter) segments appears to be more of a stumble than a



Among the different ES technologies available nowadays, compressed air energy storage (CAES) is one of the few large-scale ES technologies which can store tens to hundreds of MW of power capacity for long-term applications and utility-scale [1], [2]. CAES is the second ES technology in terms of installed capacity, with a total capacity of around 450 MW, a?



A year after the Alberta government announced a seven-month pause on renewable energy approvals, a clean energy think tank said over 50 projects in the province have been cancelled. The report, Creating (Un)certainty for Renewable Projects, was released this month by the Pembina Institute, a think tank that supports renewable energy development.



At N.B. Power headquarters in Fredericton senior managers have lost money on unproven big ideas in the past but say this time it spent nothing on cancelled plans for a salt-based energy storage

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New Energy World embraces the whole energy industry as it connects and converges to address the decarbonisation challenge. It covers progress being made across the industry, from the dynamics under way to reduce emissions in oil and gas, through improvements to the efficiency of energy conversion and use, to cutting-edge initiatives in renewable and low a?|