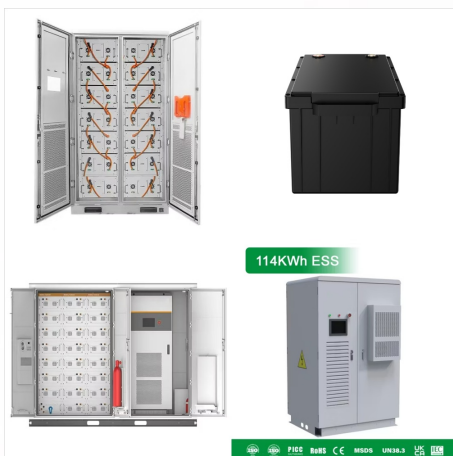




Made-in-Ontario: a solution to accelerate the province's ambitious plans for clean economic growth ??? TORONTO, July 10, 2023 (GLOBE NEWSWIRE) ??? News Release ??? TC Energy Corporation (TSX, NYSE: TRP) ???

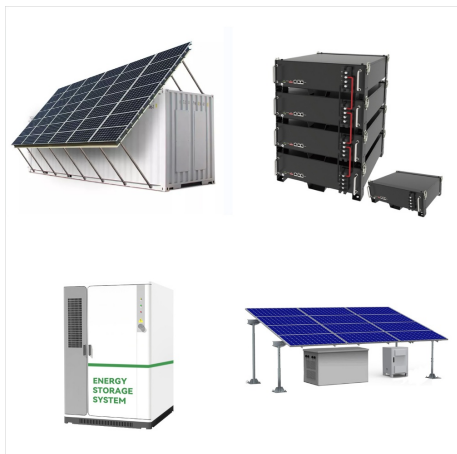


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Corby Energy Storage, LLC (applicant), proposes to construct, own, and operate the Corby Battery Energy Storage System Project (project). The facility would be constructed on an approximately 40.3-acre privately owned parcel (Assessor's Parcel Number 0141-030-090) southwest of the intersection of Kilkenny Road and Byrnes Road in Solano County, California.

# KINGSTON ENERGY STORAGE PROJECT



TVA will retire the nine coal-fired units at Kingston by the end of 2027. To replace that generation, TVA will build an energy complex that will house at least 1,500 megawatts of combined cycle and dual-fuel aeroderivative natural gas combustion turbines with 100 megawatts of battery storage and up to 4 megawatts of solar generation at the Kingston location.

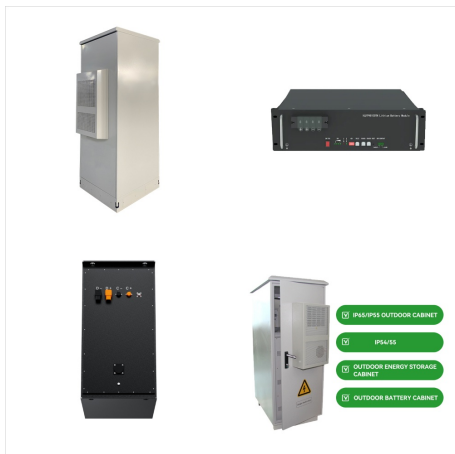


The QESC is an innovative solution that will support Ontario's future energy capacity and reliability requirements, with the construction of an Advanced Compressed Air Energy Storage (A-CAES) facility, located in ???



Kingston Solar Array. Unitil broke ground in August 2024 on what will be the largest solar array of its kind in New Hampshire. Once complete in 2025, this project is estimated to generate approximately 9.7 million kilowatt hours of energy in its first year of service (enough to power about half the town) and save Unitil's NH customers over \$2 million collectively during its ???

# KINGSTON ENERGY STORAGE PROJECT



The goal of the Crystal Energy Storage Project facility, it said, was to help address increasing energy demands locally and throughout the province. At a town hall meeting on Nov. 2, company representatives said the province's energy needs are growing, particularly because the Pickering Nuclear Generating Station, which produces around 3,000



We are constructing the Kidston Pumped Storage Hydro Project in Far North Queensland - an innovative project that involves the world-first conversion of a disused gold mine into a pumped storage hydroelectric power generation facility. The project is an important step in the move towards a more sustainable energy future. The project is



Governor Hochul announced Zinc8 Energy Solutions, USA, a leader in the long-duration energy storage industry, will relocate its \$68 million manufacturing facility and U.S. headquarters to Kingston, Ulster County at the former Tech City, IBM Ulster campus, now known as iPark 87 business park.

# KINGSTON ENERGY STORAGE PROJECT



Kingston Midstream, with operations in Alberta, Saskatchewan and Manitoba, provides safe and reliable energy transportation and related services to the oil & gas industry in western Canada with over 2,200 km of crude oil and liquids pipelines, five crude oil terminals, and over 600,000 barrels of crude oil storage and loading capacity.



As an active participant in Ontario's energy transition, Utilities Kingston is supporting a long-duration energy storage project that would store electricity to be used in meeting peak demand. We are proud to be a partner on the proposed Quinte Energy Storage Centre (QESC), that would contribute 500 MW of capacity and eight hours of storage for ???



The pumped storage hydro-electric project is located in the Etheridge Shire Council Local Government Area near the township of Kidston in north-west Queensland. The project is being developed on the site of Australia's biggest open-cut gold mine Kidston, which was decommissioned in 2000. Kidston pumped storage hydropower plant make-up



# KINGSTON ENERGY STORAGE PROJECT



Crystal Energy Storage LP and Baseload Power Corp. are proposing to build a lithium-ion battery energy storage system that will connect to nearby Hydro One infrastructure, with the goal of helping to address increasing energy demands throughout the province. The project near Toledo would have a capacity of up to 300 megawatts, and will



Hydropower / Pumped Hydro Energy Storage. Project Kidston Stage Two Hydro-Solar Project Activities; Item. Stage 2 of the Kidston Hub is the 250MW Pumped Storage Hydro Project (K2-Hydro or Project) which is currently under construction, having reached financial close in May 2021. A further Stage 3 of the Kidston Hub, being a wind project of



Unitil Corporation, a public utility holding company with operations in three New England states, began site work on a 4.9 MW solar project in Kingston, N.H. When complete in 2025, it will be the largest utility-owned solar ???

# KINGSTON ENERGY STORAGE PROJECT



The clean energy storage projects secured as part of the latest procurement have an average price per MW of \$672.32. This represents a 24 per cent decrease from the \$881.09 price for storage acquired in the previous round of the procurement in May 2023, and indicates the effectiveness of a predictable cadence of competitive procurements. 9 of



FOR IMMEDIATE RELEASE. 16 May 2023 . Today the Independent Electricity System Operator (IESO) announced seven new energy storage projects in Ontario for a total of 739 MW of capacity.. The announcement is part of the province's ongoing procurement for 2500 MW of energy storage to support the decarbonization and electrification of Ontario's grid, which was ???

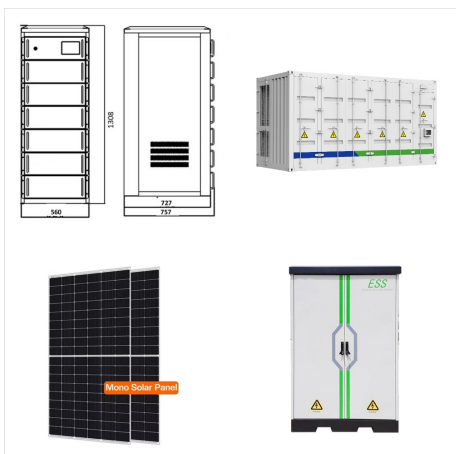


The project will contribute to stability of the electricity grid by combining renewable energy generation with large-scale energy storage capability. It is also expected to help meet the growing demand for electricity at peak times in Queensland, as well as help alleviate the state's peak power prices.

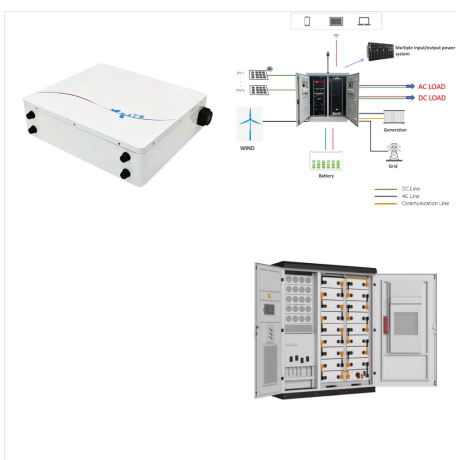
# KINGSTON ENERGY STORAGE PROJECT



"The Kidston pumped hydro energy storage facility is a big project and an Australian first that will serve the energy needs of Queensland customers, while advancing our company goal of being carbon neutral by 2050," said Ms Tanna. "EnergyAustralia is proud to be underpinning Kidston, which provides another example of how we're leading



KINGSTON ENERGY STORAGE interconnection request with ID 1481 queued on 4/16/2018 with proposed completion date 7/9/2021. Interconnection.fyi provides live updating data, maps and charts of ISO and utility distribution & transmission grid ???



the Tilbury Battery Storage Project, an 80 megawatt, four-hour duration battery storage project in the Municipality of Lakeshore. The projects are expected to be in service by 2026 and will join the already-announced 250-megawatt Oneida Energy Storage facility that is scheduled to be in service in 2025. Ontario currently has 228 megawatts of

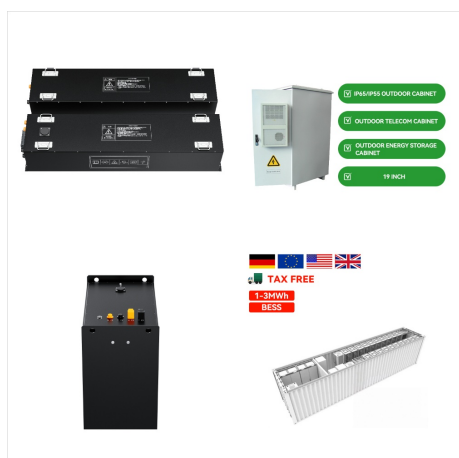
# KINGSTON ENERGY STORAGE PROJECT



The Tennessee Valley Authority will retire its Kingston Fossil Plant in Tennessee and build a state-of-the-art energy complex at the site by the end of 2027. To replace the generation, TVA will build an energy complex that will house at least 1,500 megawatts of combined cycle and dual-fuel Aeroderivative natural gas combustion turbines with 100 ???



Form Energy announced that it has been awarded a \$12 million grant from the New York State Energy Research and Development Authority (NYSERDA) to accelerate the deployment of a 10 megawatt / 1000 megawatt-hour iron-air battery system in New York State. Expected to come online by 2026, the project will demonstrate the value of multi-day energy ???



TVA to Retire Kingston, Build State-of-the-Art Energy Complex Published Apr 2, 2024 ???  
Kingston Fossil Plant will become a state-of-the-art energy complex that includes natural gas, solar energy, and battery storage ??? the first of its kind for TVA. Teachers can apply for funding up to \$5,000 for STEM projects with preference given to



# KINGSTON ENERGY STORAGE PROJECT



The project forms an important part of Genex Power's Kidston Clean Energy Hub, an integrated solar, wind and hydroelectricity generation and storage hub being developed in stages. The Kidston pumped storage facility will store and dispatch 2,000MWh of electricity each generation cycle.



The Kingston project was approved by the New Hampshire Public Utilities Commission in May 2023 and has since received all required local, state and federal permits. vice president of business development at ReVision Energy. " While energy storage initially will not be part of the Kingston site, it has been designed for solar.