



Hecate Grid Hecate Grid is a leading energy storage IPP that develops, owns and operates standalone storage projects in the U.S. The platform is a portfolio company of InfraRed Capital, an infrastructure investment with over \$14 billion in assets under management. An early-mover in Energy Storage, launched in September 2018, Hecate Grid has leveraged deep [???



Like Recurrent Energy, Hecate Grid develops battery storage projects under a build-own-operate model, and "the financial resources provided by MUFG will substantially augment Hecate Grid's ongoing growth programme," ???

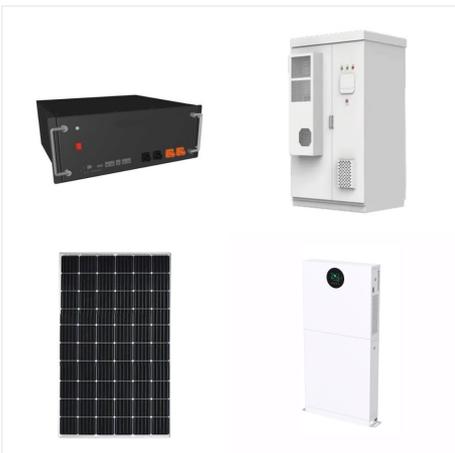


and energy storage solutions, Hecate Energy is driven by a mission to develop, own, and operate power-generating facilities in the United States and select international markets. In total Hecate Energy has entered into PPAs or is in final negotiations for PPAs totaling over 432 MW-ac of solar power and 118 MWh of energy storage. 3

# HECATE ENERGY ONTARIO STORAGE



The new venture will develop, build, own, and operate utility-scale energy storage projects in North America. Hecate contributed its existing energy storage portfolio, comprising 126 megawatt-hours (MWh) of operating and contracted assets, along with 600 MWh of projects in the pipeline. InfraRed committed to fund the new company's growth.

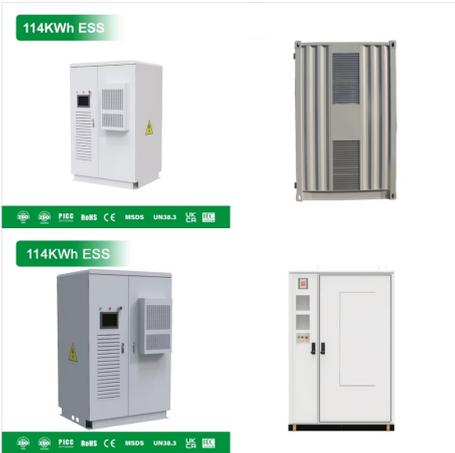


Hecate Energy Ontario Storage VII, LP . Valid Until. June 14, 2022 . Original signed by \_\_\_\_\_ Brian Hewson. Vice President, Consumer Protection & Industry Performance . Ontario Energy Board. Date of Issuance: June 15, 2017 . Ontario Energy Board P.O. Box 2319 : ???



The Kitchener Wilmot Hydro Battery Storage Project is one of the largest battery energy storage projects in Canada, and includes 66 Powin Energy Stack140 systems housed inside six purpose built storage containers and connected to inverters from Schneider. The project is contracted with the Ontario Independent Electricity System Operator (IESO) as part of IESO's long-term ???

# HECATE ENERGY ONTARIO STORAGE



Hecate Energy Ontario Storage II, LP Electricity Storage Licence ES-2017-0103 3 10  
 Communication 10.1 The Licensee shall designate a person that will act as a primary contact with the Board on matters related to this Licence. The Licensee shall ???



Independent Electricity System Operator announces 739 MW of energy storage projects to support reliability and sustainability goals. May 16, 2023 ???  
 Toronto, ON ??? Today, 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

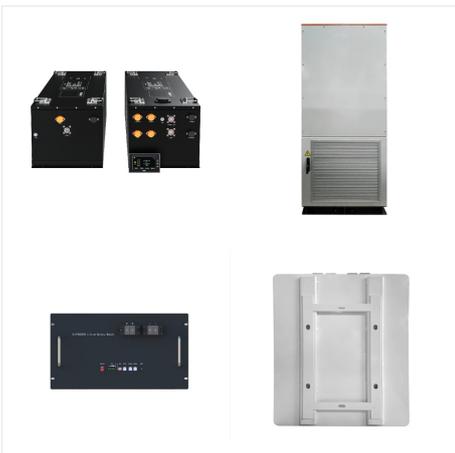


Hecate Energy is progressing through the permitting stages for a proposed 310 MW/1.24 GWh Contemporary Amperex Technology Co. Limited (CATL) battery energy storage project in Haverhill, Massachusetts. That may not affect the project's capacity as technological advances in energy storage density would likely compensate any spatial

# HECATE ENERGY ONTARIO STORAGE



Empowering Electric Cooperatives and Public Power With Flexible, Modular Battery Energy Storage Solutions Hecate Grid for Co-ops and Public Power Municipal Utilities ??? Electric Cooperatives ??? Public Utility Districts ??? Community Choice Aggregators Strengthen your system with Hecate Grid's battery energy storage systems (BESS) and unlock the benefits of cost ???



Hecate Energy's battery energy storage projects include a 13,000-kilowatt lithium-ion battery energy storage system in Toronto, Ontario, Canada with 53,000 KWH of storage capacity. The project was announced in 2014 and commissioned in 2016.



In June 2021, Repsol acquired 40% of Hecate Energy, marking the Spanish multinational energy company's first move into the North American renewable energy sector. Under the terms of the original deal, the founders of Hecate Energy had a right to sell the remaining 60% of the company to Repsol through a put option.

# HECATE ENERGY ONTARIO STORAGE



ViZn Energy Systems on Aug. 18 announced that it has won a contract from renewable energy project developer Hecate Energy to deliver a 2MW/6MWh zinc-iron redox flow battery system that is to be used to provide ancillary services for Ontario's Independent Electricity System Operator (OIESO).



The Powin Energy Stratford Battery Energy Storage System is an 8,800kW energy storage project located in Stratford, Ontario, Canada. Powin Energy is partnering with Hecate Energy to build, deliver, and install projects with a total capacity of 12.8 MW/52.8 MWh at two sites in Ontario. The projects will be split across two sites in Kitchener



Leading energy storage provider Powin Energy will be building and installing six energy storage projects at two sites in Ontario, Canada with a total capacity of 12.8MW/52.8MWh. The projects will constitute the largest energy storage rollout in Canada upon completion and are expected to be online by the end of September 2017.

# HECATE ENERGY ONTARIO STORAGE



. DOE to Enter into Realty Negotiations for Massive Solar Project at Hanford Site. The U.S. Department of Energy will enter into realty negotiations with Hecate Energy LLC for a solar project capable of delivering up to one-gigawatt of clean energy within an 8,000-acre area of DOE owned land at the Hanford Site in Washington State.



The Toronto-Hecate Energy-IESO Energy Storage Procurement Phase 1 is a 13,000kW energy storage project located in Toronto, Ontario, Canada. The electro-chemical battery energy storage project uses lithium-ion as its storage technology. The project was announced in 2014 and was commissioned in 2016.



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 ???

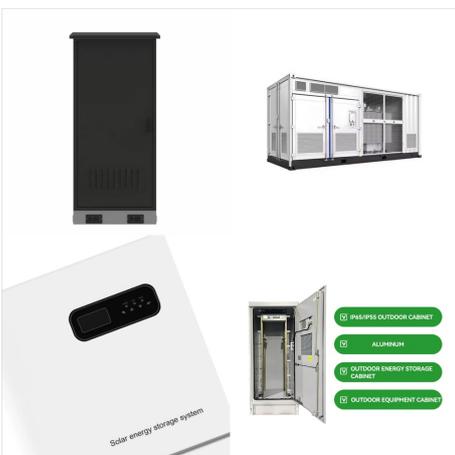
# HECATE ENERGY ONTARIO STORAGE



Energy storage is essential for the transition to a sustainable, carbon-free world. As one of the leading global energy platform providers, we're at the forefront of the clean energy revolution. We offer fully integrated utility-scale battery ???



Hecate Grid is proposing to construct the Swiftsure Project, a new, up to 650 MW, Battery Energy Storage System (BESS) on Staten Island. The Project will work with the FDNY and DOB on a site specific design that meets the highest standards for safety and security and will be built with equipment that has been pre-approved by FDNY.



Major international finance groups have contributed to a raise of more than half-a-billion US dollars in funding for developer Hecate Energy. Hecate Energy develops wind, solar and energy storage projects in the US, claiming to have a combined 3.6GW under contract, together with a development pipeline in excess of 35GW.

# HECATE ENERGY ONTARIO STORAGE



Contract awards in Ontario for its expedited energy capacity procurement have been announced, with 739MW of successful battery storage bids.

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



Hecate Energy has developed over 47 solar and energy storage projects exceeding 11.1 GW that are now owned and operated by utilities, independent power producers, and financial investors. Arroyo Storage: Cheyenne County, CO USA: Storage: In Development: 250: Beacon 1: Mojave, CA USA: Solar: Operating: 56: Beacon 3: Mojave, CA USA: Solar

**TAX FREE**

**Product Model**  
HU-ESS-215A/150kW/1150kWh  
HU-ESS-115A/50kW/1150kWh

**Dimensions**  
1600\*1200\*2200mm  
1600\*1200\*2200mm

**Rated Battery Capacity**  
2150kWh/1150kWh

**Battery Cooling Method**  
Air Cooled/Liquid Cooled

**ENERGY STORAGE SYSTEM**

**To Drive Forward In Energy World**

- All in one
- 100-215MWh High-capacity
- Intelligent Integration

Powin Energy Corporation is partnering with Hecate Energy to build, deliver, and install projects with a total capacity of 12.8MW/52.8MWh at two sites in Ontario, Canada. Powin's modular Stack140 ??? powered by their ???

# HECATE ENERGY ONTARIO STORAGE



Key Fact. lithium ion battery energy storage. 8.8 Mw / 40.8 Mwh. 34.5 kv interconnection voltage. Stratford, ontario, Canada. operational since april 2018. esvolta option to acquire 100% ???



A vast new energy storage system ??? thought to be the largest of its kind in Canada to date with 48MW / 144MWh capacity, will be built in the city of Sault Ste Marie, Ontario. so far on the US Department of Energy's Global Energy Storage Project Database is a 53MWh project by developer Hecate Energy, also in Ontario. To date in Sault Ste