

# Island lithium iron phosphate energy storage project



## Overview

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If granted final approval from the Towns of Islip and Brookhaven, battery energy storage developer Key Capture Energy will build and operate a utility-scale lithium-iron-phosphate battery energy storage system (BESS) in Hauppauge, New York, and another in Shoreham, NY, both under. If granted final approval from the Towns of Islip and Brookhaven, battery energy storage developer Key Capture Energy will build and operate a utility-scale lithium-iron-phosphate battery energy storage system (BESS) in Hauppauge, New York, and another in Shoreham, NY, both under. county: a 79 megawatt (MW) facility in Hauppauge and a 50 MW facility in Shoreham. If granted final approval from the Towns of Islip and Brookhaven. The Long Island Power Authority (LIPA) in New York State has approved contracts tied to 129 MW of battery energy storage capacity to be installed by Key Capture Energy LLC. KCE's NY 6 Project in Erie County, New York. Image by: Key Capture Energy LLC. That's the Maldives today - a nation of 1,200 islands spending \$300 million annually on imported fuel.

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### Island Residential Energy Storage Case Study , GSL ENERGY Wall ...

In 2024, GSL ENERGY successfully deployed an off-grid residential energy storage system on Saipan Island, USA, providing local users with a green, independent, and reliable 24/7 power ...

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### Maldives Lithium Iron Phosphate BMS Battery: The Future of Island

But here's the twist: lithium iron phosphate (LiFePO4) batteries with smart BMS technology could slash these costs by 40% while boosting renewable energy adoption.



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### LIPA Board of Trustees Approve Two Utility-Scale Battery Energy Storage

Key Capture Energy, LLC, an experienced utility-scale battery energy storage developer, will now coordinate with the Towns of Islip and Brookhaven to build and operate the lithium-iron-phosphate ...

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## LIPA Board of Trustees Approve Two Utility-Scale Battery Energy ...

he lithium-iron-phosphate battery facilities under long-term contracts with LIPA. They will serve as a critical resource to meet clean energy goals and reliability needs for Long Island and the Rockaways ...

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## LIPA Approves Battery Storage at Site of Shuttered Shoreham ...

LIPA announced Wednesday that both are slated to use lithium iron phosphate batteries, a technology that is believed in the industry to be less volatile and less prone to fire risk than the ...

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## Battery Storage Facility Approved for Site of Former Shoreham ...

The BESS will use lithium-iron-phosphate (LFP) batteries--a chemistry increasingly favored in utility-scale projects for its thermal stability and lower fire risk compared to older lithium-ion ...

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**Long Island utility approves**



## PPAs for 129 MW of battery storage

The 20-year contracts will provide the utility capacity and dispatch rights from two lithium-iron-phosphate batteries in Suffolk County, which will be designed to help enhance the reliability of ...

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## Here's where Key Capture wants to develop two utility-scale batteries

If granted final approval from the Towns of Islip and Brookhaven, battery energy storage developer Key Capture Energy will build and operate a utility-scale lithium-iron-phosphate battery ...



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## Stephenson: Battery storage will help create a stronger electric ...

We are proud to support these battery energy storage projects for our customers and to ensure that Long Island continues to lead the way in transitioning to a green energy future.

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