

# Jamaica Energy Storage Group Project





## Overview

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How can battery energy storage help Jamaica?

Battery energy storage systems (BESS) are now emerging as a cornerstone technology to address these challenges—helping Jamaica stabilize its grid, unlock more renewable energy, and reduce electricity costs for both consumers and businesses. The country's electricity cost can reach as high as \$0.32 per kilowatt-hour, far above global averages.

Why is energy storage important in Jamaica?

Jamaica is committed to reducing its dependence on imported fossil fuels. The country's National Energy Policy sets an ambitious target: 50% of electricity from renewable sources by 2037. Energy storage plays a critical role in achieving this target. Key policy support includes:

Will JPS build a solar power plant in Jamaica?

Power utility Jamaica Public Service Company, JPS, is investing US\$300 million to construct Jamaica's largest solar power plant and a battery storage facility, starting this month. The renewable energy facility will replace JPS's aged Hunts Bay.

Who owns Jamaica's energy grid?

Jamaica's energy grid comprises 789MW of capacity, 80 per cent of which is owned by the JPS. The utility purchases 168MW from independent power producers that are contracted to supply electricity to the national grid, JPS said last month in tender documents to suppliers.



## Jamaica Energy Storage Group Project

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Storing the sun, stabilising the grid

Jul 11, 2025 · The project's pumped hydro energy storage (PHES) solution represents the most mature and scalable form of grid-scale electricity storage.

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GSL Energy Empowers Jamaica with 40kWh Floor-Mounted ...

Feb 11, 2025 · GSL Energy, a leading provider of energy storage solutions, has successfully deployed three 14.34 KWH floor to floor lithium iron phosphate (LiFePO4) energy storage ...

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Strengthening energy sector resilience in Jamaica

Aug 21, 2025 · The Cadmus-led Jamaica Energy Resilience Alliance helped accelerate the uptake of distributed solar PV and PV+ storage.

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JPS Unveils Ambitious \$17 Billion Plan to Revolutionize Jamaica...

Dec 10, 2024 · Pioneering Clean Energy Solutions In alignment with the Jamaican government's clean energy targets, JPS is taking strides to expand its renewable energy capacity. The ...

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Successful Deployment of 40kWh Residential Energy Storage ...

Date: December 6, 2024 Location: Jamaica Project Overview GSL Energy, a leading manufacturer of residential and commercial energy storage solutions, is proud to announce ...

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JPS spending US\$300m on renewable energy expansion

May 9, 2025 · Power utility Jamaica Public Service Company, JPS, is investing US\$300 million to construct Jamaica's largest solar power plant and a battery storage facility, starting this month. ...

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Jamaica solar park: Impressive plan to supply 12% power

5 days ago · Jamaica's Green Leap: Inside the Nation's Largest Jamaica solar park Project Jamaica is set to build its largest solar park, an ambitious project that initially targets 92 MW of ...

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Jamaica's Future with Battery Energy Storage

Explore how battery energy storage systems are transforming Jamaica's power sector--cutting energy costs, reducing outages, and enabling renewable energy growth.

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### Jamaica Energy Storage Group Establishment Plan

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## Contact Us

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