



Haiti energy storage system

Are battery systems a viable option for energy storage in Haiti?

These systems store surplus renewable energy generated during periods where production exceeds demand, and dispatch this energy at times of low renewable generation. Because battery systems are currently the most mature and widely implemented energy storage technology, they are the most likely option to be implemented in Haiti in the near term.

How does Haiti support energy projects?

Because the Haitian institutions involved in energy affairs are relatively weak and uncoordinated, financial support for energy projects is often channeled directly through multilateral development banks or international NGOs, with limited coordination or oversight by the Haitian government.

Should Haiti invest in oil-based electricity generation?

Given Haiti's great renewable energy potential, new investments in oil-based electricity generation are not advisable from an economic perspective. The comparatively small upfront construction costs of these plants are deceiving of the high lifespan costs.

Does Haiti need a sustainable electricity system?

It describes Haiti's current electricity system and its key challenges, and defines the crucial role that a sustainable electricity system could play in powering an economy that meets human needs and aspirations while protecting the environment and fostering greater independence, security, and sustainability.²

Does Haiti have a waste-to-energy opportunity?

Samuel Booth et al., *Haiti Waste-to-Energy Opportunity Analysis* (Golden, CO: National Renewable Energy Laboratory, 2010).

How can energy efficiency technologies help Haitians save money?

Employing energy efficiency technologies and practices in buildings, for example, provides the same degree of comfort with a lower level of energy consumption.¹ Utilizing energy efficient cookstoves (cooking accounts for a majority of Haiti's residential energy consumption) enables Haitians to use less energy and save money.² (See Sidebar 2.1.)



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