

How will a battery energy storage system benefit Curaçao?

The implementation of a Battery Energy Storage System will allow Curaçao to collect energy from renewable sources such as wind and solar energy and store it using advanced battery storage technologies. This stored energy can be released to mitigate the intermittency of wind power and ensure grid stability.

Will W&#228;rtsil&#228; supply the Caribbean island of Curaçao with a battery energy storage system?

WILLEMSTAD, Curaçao, May 20, 2024 (GLOBE NEWSWIRE) -- Technology group W&#228;rtsil&#228; will supply the Caribbean island of Curaçao with a 25 MW / 25 MWh Battery Energy Storage System (BESS).

Will Aqualectra revolutionize energy management in Curaçao by 2030?

As a part of Aqualectra's ongoing efforts to continue improving its services and better serve the people of Curaçao, this agreement aims to fully revolutionize energy management in Curaçao by 2030, ensuring reliable, affordable, and sustainable energy for the island.

What are the economic benefits of Aqualectra's energy management system?

This system also brings us a myriad of economic benefits, such as a cutback in peak demand charges and low electricity bills for consumers and businesses in Curaçao. In addition to the Battery Energy Storage System, Aqualectra has also acquired an Energy Management System to further improve energy production and distribution.

When did Aqualectra start negotiating a battery energy storage system?

Negotiations for this Battery Energy Storage System began in January of this year, when Aqualectra's management team traveled to the W&#228;rtsil&#228; headquarters in Finland with a vision, firm determination and clear objectives to make it all happen.

Our solutions include flexible engine power plants, energy storage and optimisation technology, and services for the whole lifecycle of our installations. Our engines are future-proof and can run on sustainable fuels.

The Battery Energy Storage System will contribute to a reduction of power outages on the island and optimizes the use of renewable energy and thereby lowers greenhouse gas emissions.

Technology group W&#228;rtsil&#228; will supply the Caribbean island of Curaçao with a 25 MW / 25 MWh Battery Energy Storage System (BESS). The system will enable the expansion of renewable energy capacity and the reduction of carbon emissions, representing an important step towards a sustainable energy future for the island.

## Curaçao energy storage

System integrator W&#228;rtsil&#228;; will provide the state-owned utility on the Caribbean island of Curaçao with a battery energy storage system (BESS) of 25MW/25MWh. The project will help the island nation's main utility Aqualectra to expand renewable energy capacity and reduce carbon emissions.

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