

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 Wärtsilä supply the Caribbean island of Curaçao with a battery energy storage system?

WILLEMSTAD, Curaçao, May 20, 2024 (GLOBE NEWSWIRE) -- Technology group Wärtsilä 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.

Who is putting a BESS order in Curaçao?

The order was placed by Aqualectra, Curaçao's government owned utilities company, and will be booked by Wärtsilä in Q2, 2024. The BESS and the GEMS Digital Energy Platform will provide grid stability and reliability, reduce unserved energy and help mitigate the risk of brownouts and blackouts.

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 Wärtsilä headquarters in Finland with a vision, firm determination and clear objectives to make it all happen.

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Wärtsilä, a global technology group, will provide Curaçao with a 25 MW / 25 MWh

Battery Energy Storage System (BESS) to expand renewable energy capacity and reduce carbon emissions. This development marks a crucial move towards a sustainable energy future for the Caribbean island.

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Energy storage and applications Curaçao

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