



CLEANHORIZON

Detect, analyze, monetize

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Market Segment Watch: Caribbean islands

A promising market for energy storage

Clean Horizon, the European expert on energy storage since 2009, released its new Market Segment Watch on the Caribbean islands.

The high reliance of the Caribbean islands on petroleum products and the high oil costs in the previous decade led to tremendous electricity generation costs. This resulted in a clear will to diversify the electricity generation portfolio from fossil fuels, renewables standing in the front seat due to decreasing prices and decarbonization targets. Moreover, the lack of interconnections inherent to islands exacerbates the increasing need for flexibility that renewables entail, which, coupled with the **decreasing prices of energy storage technologies** triggers **favorable energy storage business cases**.

The aim of this study is to identify and quantify the potential for energy storage in the Caribbean islands. For that purpose, **key business cases** for energy storage are analyzed: spinning reserve replacement and oil-fired generation mitigation, with specific case studies on Guadeloupe and Barbados.

Additionally, the potential of the Caribbean islands for such applications is quantified, providing a **ranking of energy storage opportunities**.

Finally, the electricity landscape of four representative islands is detailed, namely: **Dominican Republic, Jamaica, Guadeloupe and Barbados**.

Key questions addressed:

- What triggers an interest for energy storage in the Caribbean?
- What are the emerging business cases for energy storage assets in the Caribbean islands?
- What are the actions that should be taken to trigger energy storage development?
- What are the good practices for storage implementation in isolated grids?

Who needs this report?

- Energy storage equipment manufacturers
- Integrators looking at the Caribbean market
- Project developers willing to better understand the opportunities for storage
- Investors willing to better understand the risks associated with storage and the business cases
- Utilities looking for opportunities with energy storage
- Commercial and industrial electricity consumers



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Interested?

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Standard price: **800 USD**

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