

# Jamaica s small and medium-sized wind power generation system



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### Jamaica Small and Medium Wind Power Generation System

This paper examines the key drivers and challenges influencing Jamaica's energy transition, focusing on the unique circumstances encountered by Small Island Developing States (SIDS)

### Jamaica Small and Medium Wind Power Generation System

Bruce Levy, CEO and President, and his partner Andrew Rovito, Senior Vice President, had a vision: construct a 36-megawatt (MW) wind turbine farm, using 11 3.3 MW wind turbines, which at the time



### [Balancing Stakeholders' Perspectives for Sustainability: GIS-MCDM](#)

This study supports Jamaica's renewable energy implementation strategies by providing updated wind atlases and identifying suitable locations for future wind farms.

### 2023 Jamaica Energy Report Card

The Ministry awarded two (2) licences for utility scale renewable energy generation to Wigton Energy Limited for 49.83 MW and Sunterra Energy (Jamaica) Limited for 50 MW respectively in February 2025.



### Renewables Profile



### [Jamaica's small and medium-sized wind power generation system](#)

Wigton Wind Farm has 62MW of installed wind capacity, and BMR Energy has 36 MW of installed wind capacity. Both these wind farms are located in St Elizabeth in the southern side of the island.



### **A New Energy Is Blowing Across Jamaica: Harnessing Wind Power**

"We have some small variation throughout the year, but we have a constant wind direction. That means we can harness medium and large wind power projects because of that

### **Renewable Energy Development in Jamaica**

Renewables (wind, solar, hydro, biomass - biofuels, biogas, charcoal, fuel woodchips)



### [Jamaica's Renewable Energy Transition: Pathways and Challenges to](#)

This paper examines the key drivers and challenges influencing Jamaica's energy transition, focusing on the unique circumstances encountered by Small Island Developing States (SIDS) like Jamaica.

### **Fuelling Jamaica with Energy Diversification**

Jamaica is advancing toward energy self-sufficiency by investing in renewable energy, offering incentives and encouraging public-private partnerships; some of which are outlined below.



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