



Energy storage for renewable energy santo domingo

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"We are very excited about developing these energy solutions for the benefit of the Dominican Republic, saving millions of dollars in state funds, which can be redirected to more needed areas such as public health, education and security," said Edwin De Los Santos, President of AES Dominicana.

In September 2017, the Dominican grid operator put the two energy storage arrays to a critical test: asking AES Dominicana to keep them online and operational to ensure grid reliability as two hurricanes, Irma and Maria, each approached the island. Both energy storage arrays performed more than double the amount of work during the storms as normal, helping keep the Dominican grid operating during category 3 and 4 hurricane conditions, even as nearly 40 and 55 percent of the island's power plants were forced offline during Hurricanes Irma and Maria, respectively.

"AES Dominicana's energy storage arrays enhanced the Dominican grid during a most trying time, helping keep vital power resources online," said John Zahurancik, President of AES Energy Storage. "Not only does energy storage improve reliability of the grid on a daily basis, this experience demonstrates how it can add to overall resilience under extreme conditions."

From supplying day-to-day balancing services and flexible peaking capacity to making island grids more resilient in the face of extreme weather events, advanced energy storage can provide island utilities with the critical and cost-effective flexible resource they need to provide reliable power to their communities.

The AES Corporation and Siemens AG announced in July 2017 an agreement to form Fluence, a new global energy storage technology and services company. Fluence will operate independently of its parent companies, combining the robust capabilities and expertise of both AES' subsidiary, AES Energy Storage, and Siemens' battery-based energy storage solutions group under its Energy Management division. The transaction is expected to close in the fourth quarter of calendar year 2017, subject to regulatory and other approvals.



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