

Hotel uses solar-powered container fast charging





Overview

Which hotel has 100 percent solar power?

At 133 rooms, the Courtyard by Marriott-Lancaster at 1931 Hospitality Drive is the first Marriott-branded hotel in the United States with 100 percent of its electricity needs generated from solar power.

Does the Marriott use solar power?

The Marriott has installed a solar power system that creates about 1,239,000 kilowatt-hours of electricity every year, while the hotel uses only about 1,177,000 kilowatt-hours. The excess power becomes an asset that High sells to the local utility.

Why did high install a solar meter in the hotel lobby?

The Marriott's solar array of 2,700 panels is more than two football fields in size, which is too big for the roof of the hotel. So High placed the system on the roof of a warehouse near the hotel within Greenfield. To enable hotel guests to see how much power the system is producing in real time, High installed a meter in the hotel lobby.

How can a hotel reduce its energy consumption?

Generating the hotel's own electricity is one environmentally conscious improvement, and another important step is the replacement of the hotel's traditional lighting with LED lamps. The hotel has a lot of lights and replacing them with LEDs has reduced the hotel's overall power consumption by 15 percent.



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