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Courtyard by Marriott-Lancaster Solar Project Facts

Project First U.S. Marriott hotel to be fully powered by the sun.

(Marriott operates 5,700 U.S. hotels.)

Timeline Installation: June through August 2018; commissioning:

September 2018.

Installation The solar array is a one-megawatt (AC) rooftop-mounted

assembly that will produce approximately 1.2 million kilowatt

hours of electricity each year.

Developer High Hotels Ltd. in conjunction with High Real Estate Group

LLC, High Associates Ltd., and High Properties.

Owner Solar array - High Hotels Ltd.; warehouse - High Properties -

1853 William Penn Way, Lancaster, Pennsylvania.

Customers High Hotels Ltd. Courtyard-Lancaster, a five-story, 133-room,

award-winning hotel located at 1901 Hospitality Drive, Lancaster, Pennsylvania. Annual historical hotel power consumption is 1,177,000 kWh; any additional electricity

produced will be sold to the utility, PPL.

Site Located on the roof of a warehouse at 167 Greenfield Road,

Lancaster, Pennsylvania, the 135,200-square-foot project is larger than two football fields. The rooftop location saves more than three acres of open land and has additional

aesthetic benefits.

Solar Approximately 2,700 340-watt Hanwha Q CELLS solar

panels modules with an expected service life of 40 years. Panels

are 77"x39"x1.5".

Inverters Manufactured by SMA (OTC: SMTGF), model Sunny

Tripower CORE1 50KW 480VAC free-standing PV inverter.

Mounting Fixed-tilt, roof-mounted aluminum racking from ecolibrium.

Contractor MVE Group, Inc., Ephrata, Pa.

Jobs Approximately 12 construction, electrical, and other jobs will

created be created at the site.

Financing High Hotels received a grant of \$504,900 from the

Commonwealth Financing Authority (CFA) through the Solar Energy Program. Additional project financing was arranged

through M&T Bank.

Hotel Five stories, 133 rooms, constructed in 2004.

EPA CALCULATOR

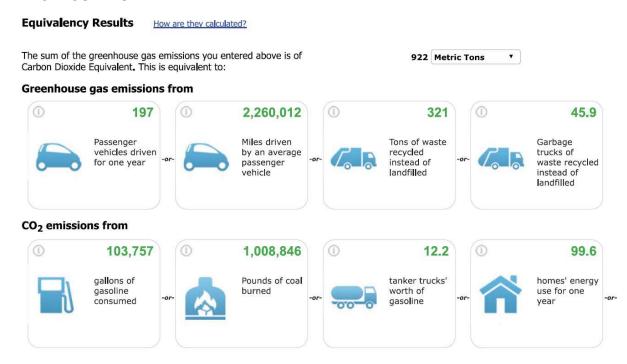




EXHIBIT 1-K https://www.epa.gov/energy/greenhouse-gas-equivalencies-calculator