

DESIGN FOR ENERGY EFFICIENCY

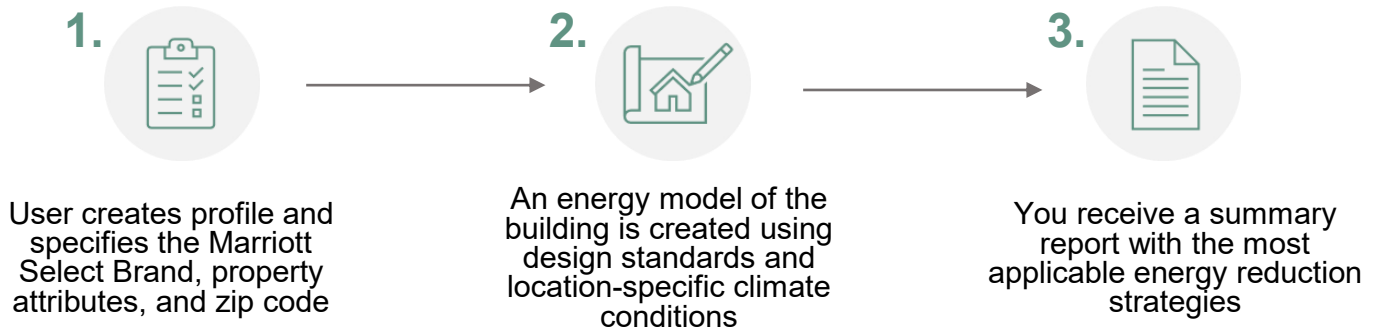
OPTIMIZE YOUR HOTEL'S PROJECTED ENERGY PERFORMANCE WITH AUTOMATED ENERGY MODELING

WHAT IS EMODELER?

Emodeler is an on-demand tool that helps designers and engineers optimize a hotel's projected energy use, carbon emissions, and energy savings through automating complex energy modeling. This tool leverages actual data from Marriott's prototypical Select Brands and considers design standards for new build projects in the U.S. and Canada.

HOW DOES THIS TOOL WORK?

The form-based tool is simple to use and requires no technical expertise to use it. Here's how it works:



HOW DOES EMODELER PROVIDE VALUE?

Your custom Emodeler report will help you evaluate energy reduction strategies specific to your project and:

1. Estimate the **utility savings and return on investment** for top energy reduction strategies
2. Provide some of the **3rd-party technical documentation** needed to obtain Commercial Property Assessed Clean Energy (CPACE) financing
3. Calculate projected **emissions savings** which can be utilized for evaluating the assets' sustainability

EXAMPLE PROJECT

Courtyard Prototype, Bethesda, MD

	Annual Utility Cost Savings (USD)	Annual Energy Savings (kWh)	Payback (Years)
Demand Controlled Ventilation (Guest Room)	\$2.3k	29.5k	1.9
Solar Pool Heating	\$1.3k	22.2k	2.8
Rooftop Solar PV	\$4.4k	43.5k	4.5

18% Annual Utility Cost Savings
w/ 3 strategies implemented

GENERATE YOUR CUSTOM REPORT HERE

<https://emodeler.net/>

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