

CASE STUDY

INN AT SCHOFIELD BARRACKS



PROJECT OVERVIEW | HOTEL HYBRID SOLAR WITH STRONG ROI

OBJECTIVES

- Minimize **heating cost & variability**
- Provide **high-efficiency heating**
- Meet **entire range of heating demands**

SPECIFICATIONS

- Location:** Wahiawa, HI USA
- Year:** 2013
- Demand:** 100% of hot water heating
- Size:** 282 SunDrum modules
- Power:** 183 kW

SOLUTION SUMMARY

SunDrum Solar worked alongside a PV installer to design a system to offset **over \$7,500/mo in energy costs** for the Oahu-based hotel. By adding **282 SunDrum Collectors** to 40% of the panels, PV performance was increased, return-on-investment improved, and the hotel was able to meet a larger share of its total heating demand.

WHY SUNDRUM SOLAR?

SunDrum Systems combine **photovoltaic (PV), solar thermal, and heat pump technology** to meet electrical and thermal demand simultaneously.

WHAT IS SUNDRUM SOLAR?

The **award-winning, patented SunDrum Collector** mounts behind PV panels to supercharge any solar system. Collectors cool the panels (improving performance) and capture usable thermal energy. Heat pump integration supports a wide range of heating and cooling applications.

HOW SUNDRUM SOLUTIONS DIFFER

- More power captured**
3x more solar power per panel than PV
- More useful heat**
Space & water heating, up to 160°F
- Better financial returns**
Faster payback than PV or solar thermal
- Made in the U.S.A.**
Predictable timelines, increased rebates



\$45,000

Energy Savings, First 6 Months



\$1.1 million

Value of Lifetime SunDrum Savings

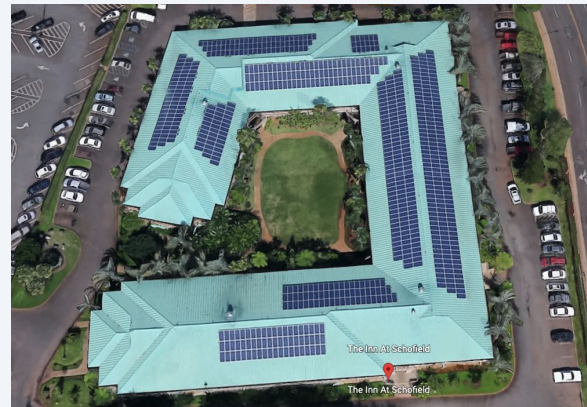


2.5 Years

Time to Project Breakeven



Hotel Roof



Large Solar Installation Onsite

sundrumsolar.com

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