

## RESULT:

annual savings  
**\$184,312**

**28%** simple ROR for total program

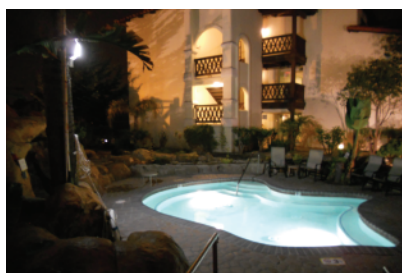
**32%**  
reduction in  
energy cost

## REQUESTS:

Reduce the facility's energy costs by \$100,000 and develop a strategy to take the property completely off the grid.

## WHAT WE DID:

Completed a comprehensive study of the property, complete with a full Regression Analysis of their utilities. Available technologies were studied and a strategy was developed.



Recycled Heat for Pool



Timers for Time of Use Savings



Lighting Upgrades

### Regression Analysis

A complete analysis of the client's utility bill, including usage and demand charges.

### Power Generation Study

### Guest Room Efficiency Study

### HVAC System Study

### Solar Study

"Paul Hullar understands what is required to leverage the available technologies into significant bottom line savings, and stays focused on translating ideas into profits.

Not only was the savings of benefit to the hotel's profitability, but the approach that was used greatly enhanced the guest's experience through improved climate control, lighting, and security."

- Dieter Huckestein, Retired Chairman & CEO, Conrad Hotels (Hilton)

Study Area	Savings	Capital	ROR
Installation of a 65-kW micro-turbine	\$64,800	\$214,280	N/A
Guest Room/Unit Retrofit	\$31,600	\$98,900	N/A
Upgrading HVAC System	\$85,400	\$110,400	N/A
PV Solar one 1 specialty building	\$2,512	\$8,200	N/A
<b>Total Savings</b>	<b>\$184,312</b>	<b>\$431,780</b>	<b>28%</b>