



**A typical hotel would need to sell an additional 3,920 deluxe room stays annually to equal the money saved by upgrading to LED lighting.\***

*\* Based on a 2017 DNV GL study*

Not only can hotels save energy by using more energy efficient equipment, but there are additional positive effects on the overall revenue and of the hotel environment.

By simply upgrading to LED lights and energy efficient HVAC systems, your hotel could see the following benefits.\*

- Enhanced guest and staff safety and comfort.
- Increased staff productivity.
- Higher guest satisfaction scores.
- Increased returning guest rate.
- Lowered maintenance costs.

“Customers feel the location has been visually upgraded, creating a more positive experience and maintenance staff enjoy not having to dedicate their time to simple lighting change outs.”

**- Minesh Patel, Operations Manager,  
Grandville Comfort Suites**

Consumers Energy offers rebates, technical services and more to help hotels like yours become more energy efficient.

Our team is here to walk you through the program requirements and available resources. Learn more at [ConsumersEnergy.com/StartSaving](https://ConsumersEnergy.com/StartSaving)

## Contact us

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1/2025

## Hotel

*Hidden Benefits of  
Energy Efficiency*

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## Energy Efficiency Impacts in Hotels

The following non-energy improvements can result from upgrading to energy efficient equipment:

### Increased Safety

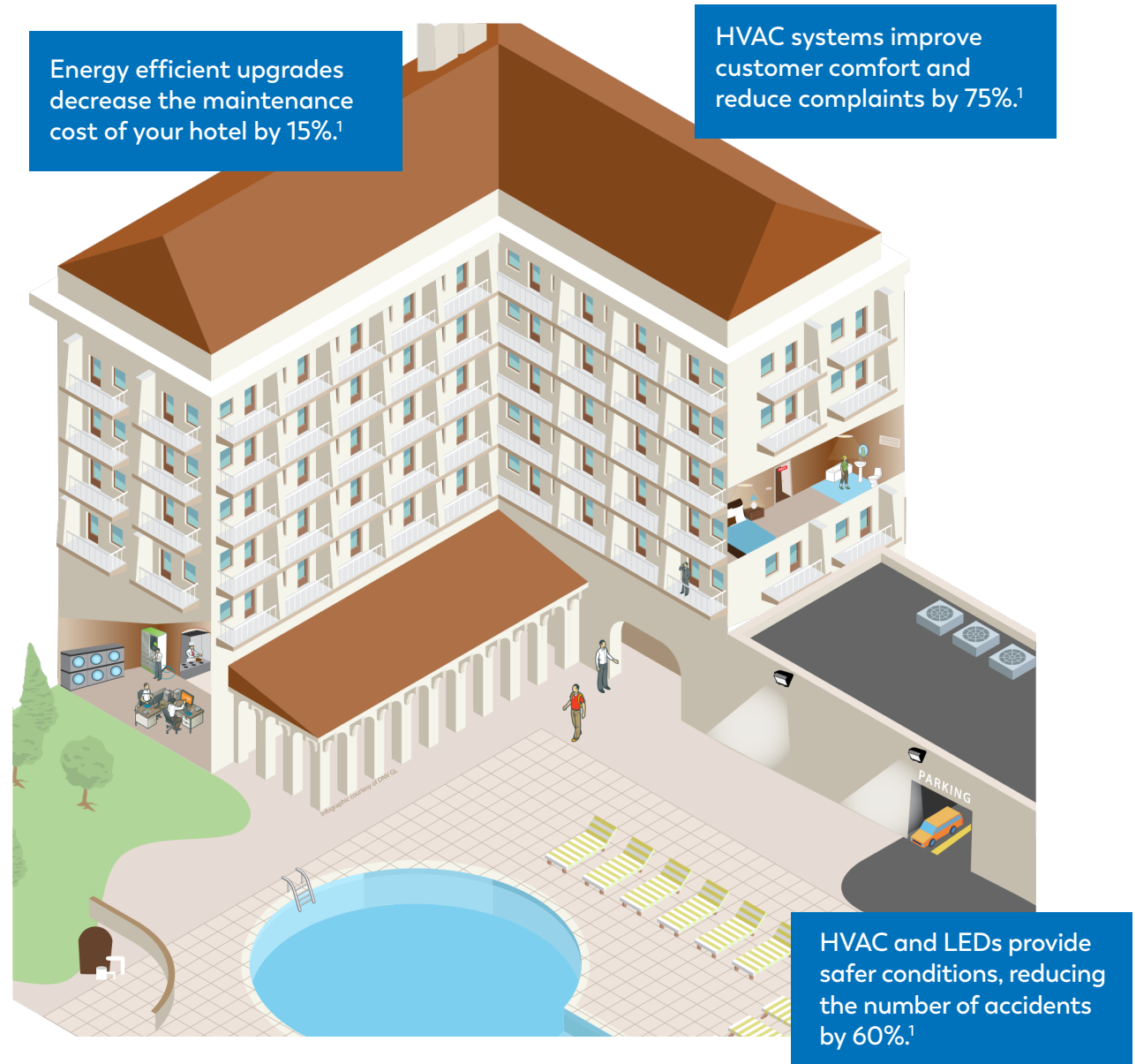
For a hotel, staff and guest safety is a major priority. Installing LED lighting increases environmental visibility and reduces the chance of slips and falls by up to 60%. Upgrading to an energy efficient HVAC system improves indoor air quality by reducing damaging dust, mold and mildew.

### Increased Comfort

The simplest way to improve staff and guest comfort is upgrading to energy efficient products. Studies show LEDs improve environmental light quality and improve productivity. In addition, hotels with newly upgraded HVAC systems report a 75% reduction of guest complaints.

### O&M Costs Savings

Energy efficient HVAC systems and LEDs have a longer life cycle and decreases annual maintenance expenses by 15%.



1. Grand Traverse Resort and Spa Case Study, 2017. DNV GL.

### O&M Cost Savings

Equipment	Energy Savings	Non-Energy Savings	Total Savings	Energy Payback	Non-Energy Payback
Lighting	\$5,678	\$29,846	\$35,524	2.12 yrs.	0.34 yrs.
Air Distribution & Energy Recovery	\$11,898	\$0	\$11,898	2.04 yrs.	2.04 yrs.