



SOLUTIONS FOR BUSINESS

## HOSPITALITY

# Improve their stay with energy upgrades

Hospitality facilities often generate excessive energy waste. Cut energy costs, improve your operational performance and enhance guest comfort with these tips.

### Savings Opportunities: Peak Demand Management

Discover ways to maximize energy savings and manage demand.

#### Lighting

- Turn off all lights in unoccupied spaces of your hotel or motel
- Control lighting with timers, occupancy sensors and daylight sensors for optimal energy savings

#### Plug Loads

- Use smart power strips to turn off televisions, microwaves and refrigerators when a room is vacant
- Schedule pool pumps to run outside the peak hours of 3-8 p.m.

#### Long-Term Strategies

- Install an energy management system (EMS) to centralize control of HVAC equipment
- Replace electric-resistance hot water tanks with heat pump water heaters or add timers

#### Did you know...

\$1 of energy savings is equivalent to \$33 in increased sales.\*

#### Manage Your Account 24/7

##### At [aps.com](https://aps.com) you can:

- Monitor your daily demand and energy usage
- View monthly and annual comparisons
- Sign up for usage and outage alerts
- Make payments
- Go paperless

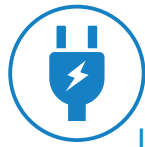


Ready to lower energy costs and reduce your environmental impact? Check out more quick tips below to improve efficiency in each area of your hotel or motel:



### HVAC

- Seal cracks around windows, doors and packaged terminal air conditioner (PTAC) units
- Add weather-stripping to doors and operable windows
- Install guest room controls that adjust the temperature when vacant
- Install shade screens or window film to reduce solar heat gain
- Achieve energy savings and avoid frequent HVAC breakdowns with proper preventive maintenance
- Replace older PTAC units with energy-efficient models and save 30% or more



### Plug Loads

- Buy ENERGY STAR® certified televisions, refrigerators, ice machines and microwave ovens for guest rooms
- Turn off exercise equipment overnight
- Use timers on exterior signage and pool pumps
- Utilize the power-saving mode on room entertainment equipment and network computers
- Use vending machine controls to reduce lighting and refrigeration loads during periods of non-use



### Appliances

- Modern detergents and bleaches allow laundry to be safely washed at lower water temperatures, which reduces water-heating costs
- Replacing a 2.6-gallon, pre-rinse spray valve with a 1.6-gallon, low-flow model in your restaurant can save about 22,000 gallons of hot water per year
- Dishwasher booster heaters provide a high-efficiency and cost-effective solution for sanitizing dishes in the final rinse
- Check and replace refrigerator door gaskets to prevent the escape of cool air



### Lighting

- Purchase indoor lighting with an 80+ CRI color quality rating
- Replace fluorescent lamps with LEDs and save 30% or more
- Use high illumination levels and high CCT (4,000K+) for common areas and outdoor lighting
- Use lower illumination levels and lower CCT (<3,000K) for guest rooms
- Take advantage of natural light
- Install occupancy sensors in guest bathrooms, exercise rooms, storage areas and meeting rooms

## A Case Study in Hospitality Efficiency

To lower energy costs and improve guest comfort, a Phoenix-area hotel conducted an energy assessment to zero in on the best opportunities. As a result, their contractor performed advanced diagnostic tune-ups on the HVAC equipment and tested and repaired their duct work. In addition, non-reflector lamps were replaced with energy-efficient LEDs and windows were outfitted with shade screens.

### Financial Benefits

- More than \$19,500 saved each year in electricity costs
- Increased property value
- Higher occupancy rates

### Non-Energy Benefits

- Decreased maintenance
- More comfortable guests
- Positive eco-friendly image



## Start saving today.

For more ideas and to learn what rebates are available, call the Solutions for Business team at (866) 333-4735, email us at [aps.solutionsforbusiness@dnv.com](mailto:aps.solutionsforbusiness@dnv.com), or visit [aps.com/businessrebates](http://aps.com/businessrebates).



\* At a 3% net margin (Source: [sellingenergy.com](http://sellingenergy.com))