



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 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

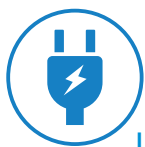


Ready to lower energy costs and reduce your environmental impact? Check out more quick tips below to improve efficiency in each area of your hotel or motel:



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 (4000K+) for common areas and outdoor lighting
- Use lower illumination levels and lower CCT (<3000K) 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@dnvgl.com, or visit aps.com/businessrebates.



* At a 3% net margin (Source: sellingenergy.com)