



SOLUTIONS FOR BUSINESS

RETAIL STORES

Boost your bottom line and improve the shopper experience

Retail stores often generate excessive energy waste. Cut costs, improve the shopping experience and save with these simple tips.

Savings Opportunities: Peak Demand Management

Take steps now to boost energy savings and manage demand in your retail store. Consider regulating energy use based on customer traffic and store hours.

Lighting

- Turn off all lights in unoccupied spaces of the store
- Take advantage of natural light to reduce the need for overhead lights

Plug Loads

- Turn off registers, computers and TV monitors overnight
- Use smart power strips to turn off copy machines and printers when not used for extended periods

Long-Term Strategies

- Use a smart thermostat to align temperature set points with foot traffic
- Pre-cool your retail space before the peak hours of 3–8 p.m.

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 energy efficiency in each area of your retail store:



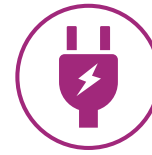
HVAC

- Install a smart thermostat for optimal savings and greater convenience.
- Achieve energy savings and avoid frequent breakdowns:
 - Inspect and replace air filters regularly.
 - Schedule seasonal tune-ups to check refrigerant levels, clean internal components and tighten loose connections.
 - Verify economizer operation (if applicable).
- Replace older air conditioning units with energy efficient models and save 30% or more.
- Implement rooftop economizers to pull in cool outside air, saving up to 10% on cooling costs.
- Install shade screens or window film to reduce solar heat gain.



Lighting

- Purchase indoor lighting with an 80+ CRI color-quality rating.
- Replace fluorescent lamps with LEDs and save 30% or more. Brighter LEDs encourage shoppers to handle and examine more merchandise.
- Add skylights to introduce natural light into your store. This can save energy and increase retail sales by 40%.**
- Install occupancy sensors in light customer foot-traffic areas such as fitting rooms and storage areas.
- Clean lighting fixtures regularly.



Plug Loads

- Buy ENERGY STAR® certified computers, TV monitors and display lighting.
- Centralize multifunction devices like printers and copiers.
- Put timers on display lighting and TV monitors to save energy after store hours.
- Enable computers' low-power "sleep mode" and save up to \$50 per computer each year.
- Turn off display lighting, demagnetizers, registers, computers and TV monitors overnight.
- Limit use of personal appliances such as fans, space heaters, stereos, mini-refrigerators and coffee makers.

A Case Study in Retail Store Efficiency

A Phoenix-area car dealership implemented lighting upgrades to drive energy and cost savings. This project involved upgrading traditional metal halide lighting with energy-efficient LED fixtures, replacing exit signs with energy-saving LED versions and installing occupancy sensors. In addition, they conducted a delamping process to remove unnecessary bulbs/fixtures in areas where lighting was too strong or not necessary. The energy efficiency updates were a success, providing the dealership with both financial and non-financial benefits.

Financial Benefits

- More than \$8,700 saved each year in electricity costs
- Decreased maintenance costs

Non-Energy Benefits

- Increased car sales
- Safer work environment
- Reduced environmental footprint



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, or visit aps.com/businessrebates.

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