SOLUTIONS FOR BUSINESS

PATIENT CARE
The right diagnosis for improved operations

Patient care facilities often generate excessive energy waste. Cut energy costs, improve operational performance and enhance comfort with these simple tips.

Savings Opportunities: Peak Demand Management

Discover ways to maximize energy savings, manage demand or develop a time-of-use action plan.

Lighting

- Turn off all lights in unoccupied spaces of your patient care facility
- Control lighting with timers, occupancy sensors and daylight sensors for optimal energy savings

Plug Loads

- Turn off computers, TV monitors and diagnostic equipment when not in use
- Use smart power strips to turn off copy machines and printers when not used for extended periods

Long-Term Strategies

- Pre-cool your space before the peak hours of 3–8 p.m.
- Raise the temperature and reduce air exchanges in unoccupied patient rooms

Did you know...

Each dollar saved through better energy performance is equivalent to generating up to $20 in new revenue for hospitals or $10 for medical offices.*

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

aps® | Solutions for Business

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

HVAC

- Install variable frequency drives to control ventilation supply and exhaust fan speeds according to demand, saving energy.
- Install smart thermostats or an energy management system (EMS) to provide more precise temperature control in patient and staff areas.
- 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.
- 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.
- Use high illumination levels and high CCT color temperatures (4,000K+) for exam rooms.
- Use lower illumination levels and lower CCT (<3,000K) for waiting areas.
- Install occupancy sensors in low foot-traffic areas.
- Add skylights to introduce natural light into your patient care facility. Studies show that patients in bright, naturally lit rooms require less medication and have shorter lengths of stay.
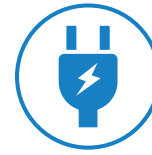
Plug Loads

- Use the power management setting on computers and monitors so they go into power saving mode when not in use. This can save up to $50 per computer each year.
- Centralize multifunction devices like printers and copiers.
- Unplug small electronics when not in use and cell phones once charged. Adapters plugged into outlets use energy even when not running.
- Turn off TV monitors and exercise equipment overnight.
- Purchase ENERGY STAR® certified computers, TV monitors and kitchen appliances, which are 35% to 60% more efficient than standard models.
- Use vending machine controls to reduce lighting and refrigeration loads during periods of non-use.
- Use timers on exterior signs, lights and water features.

A Case Study in Patient Care Efficiency

By implementing energy-efficient upgrades, a Phoenix-area medical center significantly reduced energy use and improved indoor comfort for their patients and staff. They replaced the facility's inefficient HVAC system with a new energy-efficient model and installed smart thermostats. With a more efficient HVAC system, the medical center saw both financial and non-financial benefits.

Non-Energy Benefits

- Improved patient and staff comfort
- Reduced environmental impact
- Improved indoor air quality to promote positive patient outcomes

Financial Benefits

- More than $31,000 saved each year in electricity costs
- Decreased maintenance costs

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.

* Source: United States Environmental Protection Agency

aps® | Solutions for Business