



PUT ENERGY INTO CARE, NOT OPERATING COSTS.

A guide to saving energy at senior care facilities

Caring for your residents is your top priority. Let FOCUS ON ENERGY® help improve their quality of life and comfort through energy-efficient upgrades at your facility. Better yet, we offer financial incentives and have expert staff to help you every step of the way.

Energy-saving recommendations

1. LED lighting

- Replace interior and exterior lighting with LEDs to save up to **75%** on lighting costs.¹ LED fixtures don't flicker or hum and most will last over 10 years.*
- Install occupancy sensors to increase energy savings and equipment life. Advanced controls are proven to extend sleep quality and can even reduce the number of night time falls.^{2*}
- Start with areas lit 24/7—like corridors and common areas—to see the fastest payback.

2. Kitchen equipment

- Install heat and/or smoke sensors on kitchen hoods to control the exhaust fan speed and ensure safe cooking.
- Replace kitchen equipment—such as pre-rinse spray valves, ice machines and dishwashers—with models certified by ENERGY STAR® or the Consortium for Energy Efficiency.*

3. HVAC improvements

- Add advanced rooftop controllers to rooftop units to reduce the energy needed to heat and cool your facility.*
- Choose high-efficiency replacements for air conditioners, boilers, chillers and furnaces, which will pay back well within the equipment's lifetime.*
- Add variable frequency drives* to fan and pump motors to reduce consumption by up to **75%**.³ Consider electrically commutated HVAC fan and pump motors.
- Install demand control ventilation to match outside air demands with actual occupancy levels, reducing the costs associated with excessive or unnecessary ventilation.*

4. Steam trap maintenance and repair

- Complete an annual steam trap survey to identify traps in need of service or replacement.*

5. Water heating and laundry

- Replace water heaters with high-efficiency options to save up to **25%** on natural gas usage.^{4*}
- Install low-flow aerators and high efficiency showerheads to save on hot water consumption.
- Consider ozone laundry or high efficiency washers and dryers to reduce energy and water use.*
- Retrofit commercial gas dryers with modulating valves to cut drying costs without compromising dryer performance.*



*Focus on Energy incentives available

Low- or no-cost opportunities



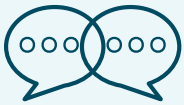
Routine operation and maintenance checklist

- Survey staff quarterly to identify comfort issues that may require attention, like areas that are too cold, too warm, drafty, or stuffy. Areas of concern usually indicate poor building operation and may have the opportunity for improvement.
- Routinely check to make sure equipment setpoints have not been overridden, including setpoints for space temperature, motors controlled by drives, and hot water supply temperature.
- Put an occupancy schedule in place for common areas to reduce heating and cooling during unoccupied times. Check schedule quarterly to ensure it reflects upcoming building operation and capacity.
- Schedule regular maintenance to change air filters, clean cooling coils, check that air intake and vents are free of debris, and perform tune-ups on heating and cooling equipment.



Daily tips

- Turn off or dim non-essential lights.
- Minimize the use of plugged-in electronics, including space heaters and personal appliances.
- Clear vents of debris or furniture to maximize airflow.
- Keep windows and doors closed while the space is being used.



Staff engagement

- Let Focus on Energy educate staff about the benefits of energy efficiency, set energy reduction goals, and brainstorm ideas together.
- Develop an energy team and assign responsibilities to pursue energy efficiency in all departments.
- Reward energy-efficient behaviors to encourage employee participation.



Keep your residents happy and healthy. We can help.

Call **800.762.7077** or visit **focusonenergy.com/business** to learn more about available incentive opportunities and find a local Energy Advisor who can help you get started.

References

- 1 <https://energy.gov/energysaver/led-lighting>
- 2 <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3553247/>
- 3 <http://www.amerenillinoisavings.com/portals/0/business/forms/VFD-Presentation-Handout.pdf>
- 4 https://www.energystar.gov/products/water_heaters/commercial_water_heaters

*Focus on Energy incentives available

REDUCING ENERGY WASTE ACROSS WISCONSIN

Focus on Energy, Wisconsin utilities' statewide program for energy efficiency and renewable energy, helps eligible residents and businesses save energy and money while protecting the environment. Focus on Energy information, resources and financial incentives help to implement energy efficiency and renewable energy projects that otherwise would not be completed.

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