

# Top Energy & Demand Saving Opportunities: Healthcare – Non-Hospital

Category	Action Item	Potential Low-Cost/ No Cost	Potential Cost Effective Retrofits or Upgrades at Replacement	Potential Cost Effective New Construction Concepts
Envelope	Vestibules			✓
	High performance glazing to eliminate perimeter heat			✓
Lighting	Reduce light levels if over-lit		✓	✓
	Automatic controls for unoccupied areas		✓	✓
	T-8 Fluorescent instead of T-12		✓	✓
	Compact fluorescent instead of incandescent bulbs	✓	✓	✓
HVAC	Variable air volume			✓
	Programmable thermostat: 70-78 degrees occupied/ 60-85 degrees unoccupied	✓	✓	✓
	High efficiency A/C and heating equipment (SEER-13, 90+ furnace)		✓	✓
	Do without a humidifier if possible	✓	✓	✓
	Outdoor air economizer cycle		✓	✓
	Reduce ventilation if possible		✓	✓
	Minimize reheat and simultaneous heating and cooling		✓	✓
	No-leak-by control valves for hydronic heating/cooling		✓	✓
	Computer room cooling from main central air system, or separate equipment (not on central chiller loop)		✓	✓
	Indirect-Direct-Supplemental cooling for systems 100+ tons in size		✓	✓
	Evaporative pre-cooling for rooftop A/C 50 tons+ in size		✓	✓
	Clean A/C condenser and evaporator coil fins annually	✓		
	Use high quality filters; replace often to keep coils clean	✓		
Central Cooling	Evaporative pre-cooling for air-cooled chillers		✓	✓
	Clean condenser tubes annually	✓		
Central Heating	Hot water reset from outside air temperature	✓	✓	✓
	Modular boilers for reduced standby losses		✓	✓
Domestic Hot Water	Low-flow fixtures and showers	✓	✓	✓
	Reduced volume bath tubs		✓	✓

*This list is considered representative of typical segment business use, but is not all inclusive and does not replace a formal energy audit. Energy savings are not guaranteed. For additional information, contact Colorado Springs Utilities at 448-4800 or your Account Manager. This information is provided in good faith, for use by the customer in conjunction with a qualified engineer or contractor.*