

Green Home Audit

General

Light Bulbs

Number of:

LEDs (most efficient): _____

CFLs (more efficient): _____

Incandescents (least efficient): _____

Where can I change to more efficient bulbs?

- _____
- _____
- _____
- _____
- _____

More information on LEDs: <http://aplogroup.com/led-lighting-101/>

Power Strips

Use power strips with any electronics or appliances that don't need to run constantly so you can turn them off with the flick of a switch.

Heating & Cooling

Programmable Thermostat

Allows you to set your thermostat to automatically turn heat or cooling down at times you don't need them (such as at night.)

Setting	Time	Heat Setpoint	Cool Setpoint
<i>Example</i>	6:30 a.m.	< 70° F	> 78° F
Morning			
Day			
Evening			

Night			
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More information: https://www.energystar.gov/products/heating_cooling/programmable_thermostats

Insulation

- Attic
- Basement
- Cathedral ceiling
- Ducts
- Exterior walls
- Foundation
- Water pipes

More information: <https://energy.gov/energysaver/where-insulate-home>

Check for Air Leaks

- Exterior corners
- Outdoor faucets
- Siding & chimney joints
- Foundation joints
- Door frames
- Window frames
- Electrical outlets & switch plates
- Baseboards
- Fireplace dampers
- Vents & fans
- Around air conditioner
- Cable & phone line insertion points
- Around dryer vents
- Mail slot

More information: <https://energy.gov/energysaver/air-sealing-your-home>

Ceiling Fans

Ceiling fans can help cool individual rooms and allow you to reduce air conditioning use.

Solar Shading

Using a solar shading system can help keep your home cool by regulating the amount of sunlight and heat entering your home.

More information: <http://aplogroup.com/solar-shading-can-keep-cool-warm/>

BATHROOM

- Check for Leaks
 - Faucets
 - Pipes
 - Toilets
- Low-flow Toilets

More information at <http://www.conserveh2o.org/toilet-water-use>

- Low-flow Showerheads

More information at <https://energy.gov/energysaver/reduce-hot-water-use-energy-savings>

LAUNDRY ROOM

- Energy Star Appliances
 - Washer
 - Dryer
- Washer
 - CEE high-efficiency washer
 - Check hoses for leaks

GARAGE

- Water Heater
 - Temperature at 120° F or lower
 - Insulated (if older)
 - Check for leaks

More information: <https://energy.gov/energysaver/projects/savings-project-insulate-your-water-heater-tank>

KITCHEN

- Energy Star Appliances
 - Refrigerator
 - Freezer
 - Dishwasher
- Oven
 - Clean seal (gasket) regularly according to manufacturer's instructions
- Refrigerator/Freezer

- Clean seal (gasket) regularly according to manufacturer's instructions.
- Clean condenser coil according to manufacturer's instructions.
- Refrigerator temperature at 37–40° F
- Freezer temperature at 5° F (0° F for long-term storage)

LANDSCAPING

Zone-appropriate & Draught-resistant Plants

My zone _____

Plants to remove:

- _____
- _____
- _____
- _____
- _____

Plants to consider:

- _____
- _____
- _____
- _____
- _____

More information: <https://www.epa.gov/watersense/what-plant>

Group Plants According to Water Needs

Group together:

- _____
- _____
- _____
- _____

Programmable Irrigation System

More information: <https://www.epa.gov/watersense/irrigation-controllers>

Permeable Paving

More information: <http://aplogroup.com/summer-remodel-permeable-paving/>

Graywater System

More information: <http://aplogroup.com/conserves-water-graywater-system/>

Roof

Solar Energy

Solar energy systems generate energy from panels mounted on your roof. Your home may be a good candidate if your roof:

- Receives direct sunlight much of the day
- Faces south (best), southeast or southwest
- Has a moderate slope
- Is in good condition

More information: <http://aplogroup.com/4-questions-about-solar/>

Roofing Materials

Making your roof more reflective can help save on cooling costs. The technique to use will depend on the type of roof you have – Energy Star has suggestions at <https://energy.gov/energysaver/cool-roofs>.

My Roof Type	Potential Improvements
<input type="checkbox"/> Single-Ply Membrane	_____
<input type="checkbox"/> Built-Up	_____
<input type="checkbox"/> Modified Bitumen	_____
<input type="checkbox"/> Spray Polyurethane Foam	_____
<input type="checkbox"/> Asphalt Shingle	_____
<input type="checkbox"/> Tile	_____
<input type="checkbox"/> Slate Shingle	_____
<input type="checkbox"/> Metal	_____

More information: <http://aplogroup.com/resources/selecting-roofing-materials/>