

# Control4® 10 Tips for Going Green

1

## Use a Control4 programmable Thermostat to implement temperature set-back

- Heating and cooling account for about 56% of the energy use in a typical U.S. home, making it the largest energy expense for most homes<sup>1</sup>
- By setting the thermostat back 10°–15°, homeowners can save about 5%–15%<sup>2</sup>

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## Reduce maximum level on dimmable loads

Dimming the light this much:	10%	25%	50%	75%
Saves this much energy:	10%	20%	50%	60%
And extends your bulb life by:	2x	4x	20x	> 20x

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## Use sunset and sunrise events to turn outside lights on and off

- Saves energy by ensuring outside lights are turned off at sunrise

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## Create a “green button” to put the house into “green mode”

- Link programming to a keypad button to increase thermostat setback level, dim lighting loads, and switch off wireless outlet modules to eliminate parasitic (standby) power drain
- Use LED color to indicate current level of power savings/consumption: red for high consumption, orange for moderate consumption, and green for low consumption
- A “vacation mode” can be programmed on another button to maximize savings when away from the home (set maximum thermostat setback, turn off all lights and appliances, arm alarm system, etc.)

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## Use 4Sight Web Navigator to minimize energy consumption while away

- Lights can be turned off
- Thermostat can be set back while away and returned to normal programming when returning home

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## Program bathroom lights and fans to turn off after a set time delay

- When the bathroom light and fan are turned on, set a 5 minute timer and turn them off automatically when the timer expires
- As an added bonus, a fan timer can be used as a reminder to finish showering, saving water and energy

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## Tie outside lights to motion sensors to only turn on when needed

- Use motion sensors to program outside security lights to turn on only when needed

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## Implement occupancy sensing using motion detectors

- Use motion sensors to turn off loads when rooms are vacant
- For convenience, use motion sensors and the system’s nighttime awareness to implement lighting pathways to safely light the way into the house

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## Install motorized shades to block afternoon sun

- Use a temperature sensor or set programming relative to current sunset
- Reduces cooling bill and increases comfort

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## Select energy-efficient components

- Control4’s 4-zone amplifier consumes only 2 watts in standby mode



<sup>1</sup><http://www.energy.gov/heatingcooling.htm>

<sup>2</sup>[http://www.energysavers.gov/your\\_home/space\\_heating\\_cooling/index.cfm/mytopic=12720?print](http://www.energysavers.gov/your_home/space_heating_cooling/index.cfm/mytopic=12720?print)