

Energy and Efficiency



Save energy in your residence hall, your workplace,
and everywhere in between



**UConn Office of
Sustainability**

Why Save Energy?

By saving
energy, you
can...

Reduce your carbon footprint

1. The energy you use is usually generated by burning coal and fossil fuels which release CO₂ into the atmosphere.
2. 16 million tons of CO₂ are emitted every day by humans worldwide!

Reduce Energy Bills

1. The United States spends \$440 billion per year on energy.

Improve air quality and health

1. Energy production produces pollution that cuts short approximately 30,000 American lives per year.

How can you save?

There are countless ways to save energy and water, but here are a few ways to save at UConn!



Lights Out!

Always turn off your lights
when leaving a room

1. Use the **minimum** amount of light needed. Try task lighting instead of keeping all the overhead lights on.
2. Replace standard light bulbs with **CFL light bulbs**.
 - a. This can save up to \$30 in electricity bills over the bulb's lifetime.
 - b. They are slightly more expensive but last ten times as long so they'll pay for themselves before long!

Visit
<http://www.energystar.gov/>
to find a list of energy
efficient computers and
computer supplies.

Computers

Turn off and unplug your computer when not in use.

If you need to keep your computer on, shut off the monitor when you don't need it.

Screen savers **were not** designed to save energy!
Adjust your screen saver settings to "None" or "Blank Screen".

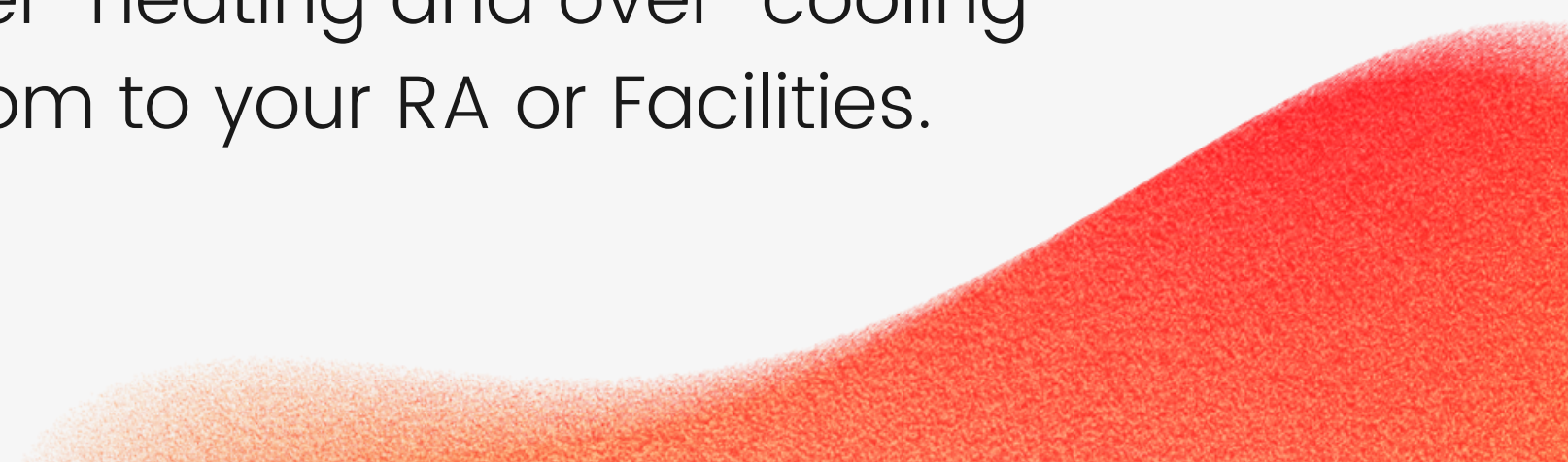
Play with your power settings so that your computer hibernates when not in use.



Heat

1. Keep your thermostat at about 60 to 65 degrees and sport a sweatshirt!
2. Do not leave the windows open while the heat is on!

Hot Water

1. Do not take long, hot showers– it takes a lot of energy to keep all that water warm.
 2. Report over-heating and over-cooling of your room to your RA or Facilities.
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Appliances

1. Unplug appliances when not in use.
2. Turn you T.V. off when you're now watching it
 - a. If multiple people on your floor watch the same show, watch it all in one room instead of in separate rooms.
3. Use a power strip so you can unplug multiple items at once
4. When plugged in, most electronics still draw power even if they're not turned on.
5. Whenever, possible, purchase Energy Star rated appliances.

Transportation Tips

1. Ride your bike or take the bus to campus instead of driving (saves money on parking passes too!)
2. Take advantage of the UConn Bus system (which use 2% biofuel!)
3. Carpool when possible.
4. Purchase a carpooling permit through UConn's parking services
5. If you're looking into purchasing a new car, check out the EPA's Green Vehicle Guide:
<https://www.epa.gov/greenvehicles>

Cogeneration Facility

1. UCONN receives the majority of its energy from our own Cogeneration Facility on campus. It is located next to the SHAW infirmary.
2. Cogeneration means that the same fuel source (natural gas) is used to produce both heat and electricity. We also have steam powered chillers!
3. This facility can achieve 80% efficiency, using steam and natural gas, as opposed to most power plants which are only 33% efficient. It produces 99% of campus electricity!

EcoMadness

In the fall we hold a competition
focusing on reducing water and energy
consumption!

Check it out

<https://sustainability.uconn.edu/ecomadness/>

for more information

