

DID YOU KNOW?

**A typical fume hood uses
3.5 times as much energy
as an average US home.**

REDUCE

SIMPLE ACTIONS

to quickly reduce energy consumption

REFRIGERATION

- Combine laboratory refrigerator and/or freezer contents and unplug any unused refrigerators or freezers.
- Only set temperatures as low as necessary for current lab work.
- Dust coils on back of [refrigerators](#) and clean the door seal. If the seal won't hold a dollar bill in place, ask your lab manager to install a new one.

FUME HOODS

- Operate hoods with sash at proper height for safety.
- Close sashes to minimum position when fume hoods are not in active use.

LAB OPERATIONS

- Wait until you have a full load before running automatic glassware washers or autoclaves.
- Turn lights off when rooms are not in use, take advantage of natural light, and avoid using incandescent task lights unless absolutely necessary.
- Turn equipment off when not in use – especially when you are leaving the lab for more than an hour.
- Make sure [energy-saving features](#) are enabled on computers, printers, and copiers.
- Keep the hallway door shut as much as possible. This is not only a safety measure; it helps keep the building air system in balance.

ELECTRICITY

PURCHASING DECISIONS

that have big energy impacts

- Consider adding flow restrictors and/or timers to lab sinks to minimize water use (especially hot water use).
- [Replace](#) old, large refrigerator/freezers with smaller, newer refrigerator-only units where appropriate (visit web site below for [rebate information](#)).
- When replacing equipment, purchase energy-efficient models. Look for the [ENERGY STAR](#)[®] label or ask your vendor for energy usage information so you can choose the most efficient unit that meets your needs.

For more information please visit:
facilities.stanford.edu/conservation

USAGE



Utilities Division
Stanford University