

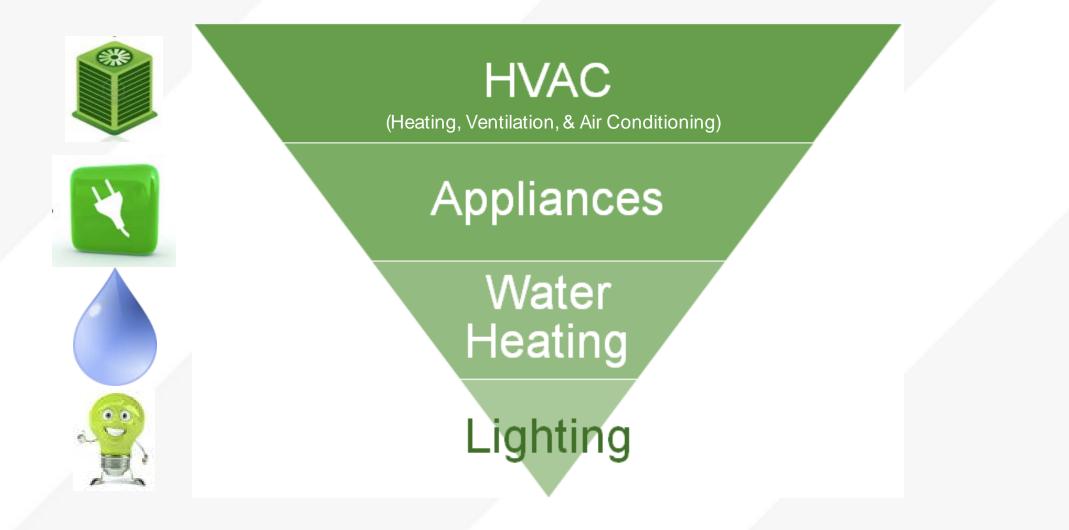


students generating change

EmPowered at Home Energy Audit Instructions

How Do We Use Energy at Home?

Major Home Energy Users The four biggest energy users in our homes are:



Why Does Saving Energy Matter?



Why Does Saving Energy Matter?

Two Big Reasons

- Save the Environment!
 - Energy comes from fossil fuels.
 Using less energy means we're fighting climate change.
- Save Money!
 - Energy costs money.
 - The average US household spends about \$2,000 per year on energy bills.
 - If we use less, we'll spend less.





What Can We Do?



Home Energy Audit

The home energy audit you're about to do is broken into three parts: HVAC, Appliances, and Lighting.

Complete the activities on the following slides to learn how your home can save energy and money!

Home HVAC Audit

Complete the home HVAC audit by going to <u>bit.ly/njempoweredhvac</u>.

Use the HVAC calculator linked at the end of the audit sheet to determine how much your home could save by adjusting your thermostat.





Home Appliance Audit

Complete the home appliance audit by going to <u>bit.ly/njempoweredappliance</u>.





Home Lighting Audit

Complete the home lighting audit by going to <u>bit.ly/njempoweredhomelights</u>.

Use the lighting calculator linked at the end of the audit sheet to determine how much your home could save by reducing use or switching bulbs.



Discuss your findings with your family and determine what actions you'll take to start saving energy!