Together we can easily reduce that waste with little or no cost but it requires your help.

Be on the lookout for upcoming events, information and surveys. Join the energy challenge happening right now in your building!
We Are Committed to Meeting the Federal Energy Reduction Mandates and Need Your Help.

Join the Energy Challenge

* Increase Your Awareness of Energy Use Within Your Facility
* Take Action to Reduce Energy Waste

Over the next 60 days, look for additional information & activities.

QUESTIONS?
margaret.m.towlestrong.nfg@mail.mil
performance requirements for federal buildings

What Does It All Mean?
These Federal policies establishes goals to reduce energy usage by 30% and eliminate wasted energy by 2020. They also contain goals for sustainable buildings, transportation and procurement.

The Energy Challenge is working to meet these goals right here at the Springfield Interagency Office/Lane Readiness Center.

Why Reduce Your Energy Waste?
1. You can reduce the cost of operating the building.
2. You can reduce the energy consumed within the building.
3. You can reduce the air & water pollution from energy generation.

Waste Prevention = A More Responsible Use of Our Federal Resources.

QUESTIONS?
margaret.m.towlestrong.nfg@mail.mil
Where Does the Energy Go?

Every building has a unique physical location, purpose and construction. Lighting, HVAC, and Plug loads continue to be top consumers of energy.

This pie chart illustrates where energy ends up getting consumed within a standard commercial building.

As new buildings are constructed more efficiently, the total % of energy used by plug loads is increasing while other parts are decreasing. Now more than ever, occupants have control of how much energy the building consumes!

How Much Energy Does the Lane RC / SIO Use Annually?

ELECTRICITY 955,000 kWh
NATURAL GAS 27,500 THERMS
UTILITY BILLS $113,500 DOLLARS

If this weren’t a high performance building it would consume twice as much energy and dollars.

QUESTIONS?
margaret.m.towlestrong.nfg@mail.mil
Some Features That Make Lane RC/SIO a High Performance Building

- Keeping people comfortable, healthy and enhancing their ability to accomplish work
- Reducing operating & maintenance costs

Questions?
margaret.m.towlestrong.nfg@mail.mil
If it’s On, Turn it Off

- Unplug entire cubicles not in regular use
- Task lights, Monitors & Computers (if possible)
- AV equipment (especially large TVs & projectors)

Choose Less Energy - Not More

- A laptop can use less than half the energy of a desktop computer.
- Make ‘energy consumption’ a criteria when purchasing new gear.

Change Your Habits

- Working alone outside normal scheduled operating hours can become uncomfortable and potentially cost the agency money. Occupancy sensors are waiting for you to leave the area in order to turn off lights and equipment.
- Wear light clothing in summer and warm clothing in winter. You’ll be comfortable and help save energy by not needing to raise or lower the thermostat.
- Open and close windows when the outside air temperature is mild. (not too hot/not too cold)

Questions? margaret.m.towlestrong.nfg@mail.mil
5 Steps for Managing Plug Load Energy Use in Offices

1. Review
Identify your needs, inventory your equipment and focus on the devices that use the most energy—usually, that’s the equipment you use the most.

2. Remove
Eliminate or unplug unnecessary devices.

3. Replace
When it’s time to replace, purchase the most energy-efficient devices for the job.

4. Reduce
Turn it off or power it down when not in use.

5. Retrain
Make sure you understand why, when and how to power down. Don’t assume technology always works as advertised.

Plug Load Energy Savings Opportunities

In a small office in California, low- and no-cost energy-saving measures reduced plug load energy use by 40%.

QUESTIONs?
margaret.m.towlestrong.nfg@mail.mil
You’re Invited!
Join Us for a Energy Challenge Celebration & LEED Gold Plaque Unveiling.

Wednesday
September 3rd - 1pm-3pm

1:00pm Official LEED Gold Plaque unveiling
1:30-3pm Bliss Bars served outdoors by Solar Rover Display

Prizes for participating in our survey

Arcimoto will be joining us on-site

Arcimoto is a local Eugene company that designs and builds an ultra-efficient electric three-wheeled vehicle and EV platform for a sustainable every day ride.

LOCATION
Oregon National Guard Front Entry

You're Invited!

A BIG ‘Thank You’ to our local Springfield Utility Board for their support and commitment to energy efficiency

QUESTIONS?
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