



# Energy Management Training for School Staff



## Everyday Energy Management Opportunities:

**Lighting is one of the largest and most controllable energy loads.** Students perform better in natural light, so be attentive to 'daylighting' opportunities. Shut lights off when departing the classroom to save money and be a role model for conservation.

**Plugloads - Considerable energy goes through sockets to electrical devices.**

Be aware of the Phantom Load sucking away the school's budget. Unplug electronics (or turn off power strips) on weekends & holidays and avoid unnecessary appliances. Activate power management systems on computers and look for the Energy Star rating.

**Heating, Ventilation, and Cooling (HVAC): The majority of a school's energy use.**

Get fresh air! Avoid blocking vents or returns and opening windows while heating/cooling. Don't prop exterior doors, and be sure to communicate temperature problems with maintenance.

**Water waste is very expensive and may result in significant secondary costs in energy, sewage and human health.**

Attempt to close open faucets and report all leaks and problems. Identify and report mold issues and use your school's water conservation as a teaching opportunity.

### For information and inspiration:

- DOE's Energy Efficiency & Renewable Energy Office <http://eereweb.ee.doe.gov/education>
- Alliance to Save Energy's Green Schools program <http://www.ase.org>
- National Energy Education Development (NEED) <http://www.need.org>
- EPA's ENERGY STAR program <http://www.energystar.gov>

### What next?

- Explore three ways that you can improve your building.
- Implement one new lesson plan that relates to energy issues.
- Identify and engage energy partners in your school.
- Think about a special event and discuss with your principal or staff.

**Questions? Contact us anytime:**

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