

EENS ESH Newsletter

VOLUME 2, ISSUE 4

April, 2008



Earth Day is April 22, 2008

In honor of Earth Day, here are some useful suggestions for work and home:

1) Millions of analog TVs will become obsolete in 2009: you can either get a converter box or recycle your old set. Analog TVs contain toxins like chromium, lead, and mercury, so it's important to recycle them. Converter boxes are available at big retailers like Best Buy, and listing your old set for pickup online or taking it to a drop-spot is easy.

Insignia Digital-to-Analog Converter - easy-to-setup converter available at Best Buy (\$60).

DTV2009 - the government's offering coupons for \$40 off converter boxes.

Earth911 - type in TV and your zip code to locate a recycler near you.

Take Back My TV - join the campaign to get nonparticipating TV manufacturers to recycle old TVs. Some brands, such as **Sony**, offer take-back programs (check your TV manufacturer's site for more info).

Energy Star - go for an energy-efficient TV next time you buy.

2) A **phantom load** is the energy that's sapped by appliances when they're plugged in, but not on. In the average home, 40% of all electricity is used to power electronics while they're turned off.

If we averted phantom loads in all U.S. homes, we could shut down 17 power plants.

Power strips with surge protectors make it easy to "unplug" many appliances at once.

Smart Strip Power Strip - a device that senses when electronics are off, then "unplugs" them; also has space for "always on" appliances such as clocks and the fridge (\$40).

Belkin SurgeMaster - has nine outlets, three phone-line inputs, and safety covers for the kids (\$29).

Intermatic Appliance Timer - a timer that turns off lamps and electronics; use it when you're out of town (\$5).

Kill-a-Watt - find out **how much energy** various appliances are using (\$24).

(contributed by Pat Carr)



ESH Hotline x8800

Did you know there is a BNL ES&H Hotline? BNL's 24-hour Hotline (ext. 8800) is for reporting an **environmental, safety, or health** concern that *is not considered to be an imminent danger*. Anyone who observes an imminent danger while working, or believes that the work of others creates an imminent danger, should employ the Stop Work Procedure. Everyone at the Lab has the authority to use it and should be trained in its use. **For further details go to the following web site:**

http://intranet.bnl.gov/ESHQ/ESH_concerns.asp





The Stony Brook campus community is hosting its fifth **Earthstock** celebration. This year's theme is "Sustainability - The Future Is Today." **For more information call: 631-632-9673 or go to <http://www.stonybrook.edu/sb/earthstock/>**

Friday, April 18, 7:30 pm at the Charles B. Wang Theatre
Keynote Speaker: Hans-Peter Plag , Research Professor, University of Nevada, Reno

Sustainability: A Mosaic of Many Small Steps in the Right Direction

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BNL disposes of vehicle batteries, via the BNL motor pool - bldg 423

Or you can try

AAA New York celebrates Earth Day with its annual Great Battery Roundup on Tuesday, Apr. 22, offering Club members and non-members the opportunity to dispose of their old vehicle and marine batteries in an easy, envi-

ronmentally safe fashion. Please join us from 9 a.m. to 2 p.m. at the following locations:
 • **AAA New York Headquarters**, 1415 Kellum Place, Garden City, N.Y.

(contributed by Joy Adams)

Environmental Stewardship

Paul Kalb, ERT Division Head of the Environmental Sciences Department, has nominated **Jay Adams, Larry Milian, and Lou Gerlach** for the 2008 Environmental Stewardship Awards. They were instrumental in leading several legacy cleanup campaigns in Bldg. 830 that removed decades of "orphan" hazardous and radioactive wastes, old obsolete equipment, and unused chemicals, resulting in greatly improved safety and housekeeping in the Building 830 large High Bay facility.

Before



After

