

1. Music A

In 2009, a 10 kW system of 60 photovoltaic solar panels were installed on the roof of Music A.

There was heavy student involvement in the design and implementation of Music A's solar project.

The system has a display which shows the amount of energy that's being generated by the system of solar panels at any given time.

Over a period of 25 years, these panels are expected to produce energy equivalent to 578 barrels of oil, or enough electricity to power 34 homes for a year.

2. Solar Radiation Monitoring Station (SoRMS)

SoRMS on the library roof, collects solar radiation data used in calculations for solar installations.

Students from the Renewable Energy Student Union (RESU) have been managing the SoRMS station since its installation in 2006.

3. Hydrogen Fueling Station

In 2008 HSU opened a hydrogen fueling station based on designs from students in 2005.

The station uses electrolysis to produce hydrogen from water.

HSU students and faculty created the first street legal hydrogen fuel cell vehicle in the US and also have modified Priuses that run on Hydrogen fuel.

4. Earth Tub

The Earth Tub is designed specifically for on-site composting of food-wastes, it was installed in 2013.

The Earth Tub is used to compost the organic waste collected from compost bins located on campus.

The Earth Tub is harvested as needed during academic breaks (Winter, Spring, Summer). Harvested material is generally donated to CCAT for use in their garden spaces.

700lbs of finished compost is harvested after 3 months of use.

5. Schatz Energy Research Center (SERC)

SERC was founded in 1989 through funding from Dr. Lewis Schatz.

Work at SERC involves research, development, and implementation of renewable energy technology. Some of SERC's projects include; hydrogen fuel cell technology, bioenergy, and world energy projects.

SERC works with HSU's Environmental Resources Engineering Program, and provides an excellent opportunity for students to get hands on experience with alternative energy technology.

6. Behavioral Science Building (BSS)

Built in 2007, the BSS meets the LEED gold rating from the U.S. Green Building Council.

Up to 20,000 gallons of rainwater are used to flush toilets throughout the entire building.

North and south facing windows to make use of natural lighting.

A natural ventilation system uses wind to cool the building. The building is shaped and oriented to take advantage of local winds.

The BSS is made of 25% recycled material, 50% of the wood is FSC certified (sustainably harvested).

7. ROSE House

Re-usable Office Supply Exchange. Is a great way to find free, gently used office supplies available to the HSU community.

In 2011 alone, ROSE saved students approximately \$20,000 in school supplies.

8. Campus Center for Appropriate Technology (CCAT)

CCAT has been funded by Associated Students since 1979. It is a student lead and student run organization that is a live-in demonstration home for appropriate technology.

9. Kinesiology and Athletics Building

The Kinesiology and Athletics Building is LEED Silver certified.

10. Redwood Bowl

In 2010 the lighting in the Redwood Bowl was lessened to decrease light pollution. number of lighting fixtures were reduced 40%.

Over a 25 year period 769,525 lbs of CO2 will be offset.

Resources



Music A

www.appropedia.org/HEIF_music_building_PV_system_a



SoRMS

humboldt.edu/resu/node/11



WRRAP & ROSE House

www.humboldt.edu/wrrap



Hydrogen Fueling Station

www.schatzlab.org/projects/hydrogen/h2stn.html



Earth Tub

www.humboldt.edu/wrrap/compost



SERC

www.schatzlab.org



BSS

greenbuildings.berkeley.edu/pdfs/bp2005_humboldt.pdf



CCAT

www.ccathsu.com



Virtual Green Room

humboldt.edu/greenroom
humboldt.edu/reslife/sustainability



Green Campus Tour 2014

A Guide to one of
California's Leading
Environmental Universities



WRRAP

