

3 Hydrogen Fueling Station

Schatz Energy Research Center operates a hydrogen-fueling center on campus. It is the northernmost location on California's 20-stop "hydrogen highway."

4 Campus Center for Appropriate Technology (CCAT)

CCAT serves as a national model for appropriate technology and offers workshops, tours and opportunities for hands-on involvement. Students live in the house and demonstrate sustainable practices to produce next to no waste. The house utilizes appropriate technologies to cut their energy usage to less than 5% of the average American Household.

5 Behavioral and Social Sciences Building (BSS)

The BSS building is one of the most sustainable in the CSU system. Rainwater is utilized to flush low-flow toilets, which reduces water usage by 65%. Architects also constructed the building to save electricity by using natural light and funneling breezes to move air in the building.

6 Forbes Complex (East Gym) Co-generation Facility

Similar to the co-generation facility located near the Jolly Giant Commons, this unit burns natural gas to generate electricity and heat, which is used in the gym as well as surrounding buildings. In addition to creating electricity, the Forbes Complex saves energy by capitalizing on natural light coming from north and south facing windows.

7 Waste Reduction and Resource Awareness Program (WRRAP) Composting Site:

The WRRAP program on campus manages this compost site. Students collect enough food and green waste to divert four tons from the landfill each year.

8 Redwood Bowl

In 2010, the lighting in the Redwood Bowl was updated to lessen impacts of light pollution on the environment. The project decreased lighting fixtures by 40% while keeping the stadium just as illuminated as before. Over a 25 year period, the project will eliminate 769,525 pounds of carbon dioxide gas emissions and reduce energy usage by 1,525,00 kilowatt-hours, saving HSU \$186,221.

9 Housing Co-generation Facility

The co-generation facility near the Jolly Giant Commons generates electricity and heat from natural gas, which is utilized by the JGC and nearby residence halls.

For more information regarding sustainability at Humboldt State University please contact TallChief Comet at the Sustainability Office (707) 826-5920 or visit the Office of Sustainability website <http://humboldt.edu/sustainability/>

Sustainability at Humboldt State University

A self-guided tour of the sustainable features on HSU's campus

This brochure will take you on a tour around campus to showcase sustainable features unique to our university. Please be advised that there may be steep inclines or stairs depending on the route you choose to take to get to the various stops.



SO The Sustainability Office (SO)

The SO, located in Feuerwerker House, is responsible for encouraging a culture of sustainability by planning, implementing, and overseeing campus wide sustainability programs and initiatives.

1 Library

The library is home to two great sustainability projects: a solar radiation monitoring station (SoRMS) on the roof, and air blade hand dryers in the first floor restrooms. The data from the SoRMS project is collected and shared with the National Renewable Energy Laboratory (NREL). The air blade hand driers use up to 80% less energy than regular hand driers and dry your hands in less than 12 seconds. For the cost of a single paper towel these driers can dry up to 22 pairs of hands.

2 Music Building A

There are 10 kW of solar photovoltaic modules installed on top of the old music building. These modules help decrease the environmental impacts of energy consumption at HSU by harnessing renewable energy. Be sure to take a look at the real-time energy gauge and the interpretive sign on the front of the building.

