

Facilities Services has made a lot of progress this year to be more sustainable and increase cost savings and efficiencies efforts.

What we've accomplished:

Facilities Services recently completed the Arctic Health Research Building heating project. The new heating system repaired mechanical difficulties with the original system. These repairs will save approximately \$20,000 in utilities per year in combined steam and electricity. These savings will be coupled with reduced maintenance and significantly improved comfort of the facility. The boiler was eliminated and the autoclaves were placed on electric steam boilers. This will save the University over \$50,000 in fuel costs and about \$40,000 in maintenance costs per year.

The perimeter lighting of the MBS Complex was retrofitted. The perimeter lighting for this complex was originally incandescent lighting at 100 watts per fixture. All 80 fixtures have been converted to LED lighting at 6 watts per fixture. In addition to the 90% savings in wattage, the LED bulbs have about a 40,000 hour life compared to about a 2000 hour life of an incandescent bulb. The longer hour-life will also reduce for less re-lamping costs.

The Facilities Services Greenhouse was spotlighted by several groups regarding its efforts to grow produce for our campus dining halls. The Greenhouse has been spotlighted by: Chancellor Rogers in his recent Convocation, the Fairbanks Daily News-Miner, the Anchorage Daily News, AASHE, and a national dining services magazine, FoodService Director.

Limited paper recycling is going well and we are working on plans to expand.

The Ballaine Lake restoration project is 85% complete. This project includes shore restoration, site cleanup, tree planting and landscape improvements.

The utilities department completed a major turbine overhaul. As part of this effort, a new turbine control system was installed, which will allow UAF to have better control of the power and steam that is produced for campus. The new turbine controls also made it possible for the power plant to move into a new, safer control room. Most of the power plant controls have been moved to the new control room, and the remaining controls will be relocated in the following months.

Construction Procurement documents are now uploaded to a Facilities Services website for viewing and downloading by interested proposers. The website provides an efficient way to make the documents available to the public, reduce printing costs and the amount of paper consumed, and reduce related personnel costs.

What's next:

A new addition to Harper Building will be designed and constructed.

New landscaping and retaining wall will be installed summer 2010 at Cutler Apartments.

Grounds will be mulching grasses this coming season to cut back on fertilizer use.

UAF will become a member of Tree Campus USA.

The Grounds Greenhouse will be exploring the use of LED growing lights.

LED street lights will be installed at the west end of Yukon Drive and at the intersection of Tanana Loop Road to test reliability and lighting levels.