

Final Status Report on AHFC Energy Audits

The three MAUs completed the UA Facilities Investment Grade Energy Audits performed with State of Alaska Energy Grants. Typical Energy Efficiency Measures (EEM) recommended at each main campus were lighting retrofits, heating, ventilating and air conditioning upgrades, motor replacements, and door and window sealing or replacement. The single most cost effective measure to implement is the lighting retrofits, with a simple payback of under ten years. Rural campus recommendations consisted mainly of heating and ventilating control upgrades and improved insulation in building exterior envelopes.

Each campus is using the information generated in the audits differently. Below is a summary for each MAU approach:

UAA received final energy audit reports from their ESCO, Ameresco, for each of their community campuses and two of their main UAA campus buildings. UAA intends to accomplish the recommended EEMs contained in the reports by incorporating each of the recommendations into various R&R/Deferred Maintenance projects included in their FY14 Capital Budget Request. Some of the rural campus recommendations are currently being accomplished using each campus' operating funds or prior year capital funding. UAA intends to implement a reporting process to track implementation of the audit recommendations and the resulting energy reductions.

UAF plans to implement a majority of the recommended improvements using the selected Energy Services Company (ESCO), Siemens Building Technologies. UAF is currently reviewing final documents and contracts to implement EEMs on ten of its main campus buildings and at the three rural campuses of Bethel, Kotzebue and Seward. The main campus improvements will be funded through a combination of bonds and Deferred Maintenance monies. UAF is pursuing a loan through AHFC's Retrofit Energy Assessment for Loans (REAL) program to fund the rural campus projects.

UAS had the ESCO Ameresco perform audits on six of their buildings in Juneau and Ketchikan. They will include the recommended EEMs in the scoping of future R&R projects.