

CONSERVATION (Energy)

Page 1 of 2

GENERAL INFORMATION

Conservation is the careful management, use and preservation of natural resources and the environment. It requires using what we need to perform our jobs and live healthy, comfortable lives without being wasteful.

In Hawaii, over 70% of our electricity is generated from non-renewable sources. The economic and environmental impacts associated with the importation and the burning of fossil fuels requires that we alter our lifestyles to reduce our dependence on fossil fuel.

Did you know that USAG-HI is the 2nd largest consumer of electricity on the island? In FY 19 USAG-HI spent \$73 million on electricity. Think about this; even if we only save 5 percent on our utility bill - that's over 3.6 million we can use to meet other mission and quality of life needs.

Energy conservation is based on two factors: technology and human behavior. From a technology stand point, USAG-HI is making a concerted effort to build its new and retrofit its older facilities to ensure that energy systems are operating as efficiently as possible in accordance with the Leadership in Energy and Environmental Design (LEED) standards whenever possible.

From a human factor stand point, each of us have the responsibility to make a concerted effort to reduce our energy consumption and adhere to the USAG-HI energy policy by turning lights, air conditioning and office equipment off when not in use.

BUILDING ENERGY MONITOR (BEM) PROGRAM

Each military unit, directorate, contractor and tenant is required to appoint a Unit Energy Conservation Officer (UECO) and Building Energy Monitor (BEM) and to fully participate in the Garrison's conservation program.

The appointed BEM is responsible for ensuring energy-saving measures are being enforced in each building and to conduct monthly energy conservation inspections.

The following practices will help conserve energy:

WHAT YOU MUST DO

Step 1: Appoint a UECO at the Battalion, Brigade, and Division levels.

Step 2: UECO appoint BEMs to all buildings.

Step 3: BEMs conduct monthly inspections of designated buildings.

Step 4: DPW provides monthly UECO and BEM training. Call (808) 656-3289 for class schedule.



For more info contact: DPW Engineering Branch (Energy & Water Conservation)

Continued on next page...

CONSERVATION (Energy)

Page 2 of 2

USAG-HI ENERGY CONSERVATION TIPS

Please continue to follow and enforce USAG-HI's low cost, no cost energy tips:

1. Close all windows and doors for air conditioned spaces. Set thermostats to 74° Fahrenheit for cooled areas (USAG-HI standard).
2. Turn off window A/C units in unoccupied rooms. Each unit can cost the Army up to \$2,400 for year round use.
3. Turn off lights and HVAC units (window A/C units included) when not in use, particularly during: weeknights, weekends, deployments, and Holidays. Aircraft Hangar lights included.
4. Unit arms room exterior lights should be on at night, however off during the day.
5. Minimize the number of refrigerators and coffee pots – consolidate usage.
6. Turn off all office and shop equipment – printers, copiers, computers, battery chargers, and shredders at the end of the day. During work hours when practical.
7. Consolidate rear detachments (personnel administrative areas, work areas, etc.) into as few buildings as possible. Use the least amount of living and work space when possible.
8. Practice full load washing and drying. Turn off utility lights when not in use.
9. Ensure surrounding grounds are watered between the hours of 1700 to 0900 – only water during hours of limited visibility. Sprinklers should be limited to 15 minutes of watering and directed only at green space.
10. Submit work orders for broken doors or glass, non-functioning AC controls and equipment, broken light timers/sensors and leaking water fixtures.
11. When practical consolidate trips – carpool. Walk or ride a bike when practical.
12. Shutoff vehicles when not in use (GSA TMP/NTV and Tactical Vehicles included).
13. Additional tips can be located online at <https://www.hawaiianelectric.com/save-energy-and-money/household-tips-and-resources>.

Do not tolerate energy waste and abuse. Report faulty equipment to your Building Energy Monitor (BEM) and emergency work orders to the DPW help desk, (808) 656-1275. For BEM training, or to request energy audits, contact the DPW energy conservation manager at (808) 656-3289 (office), or (808) 864-1079 (cell). Energy theft should be reported immediately to the Military Police.