

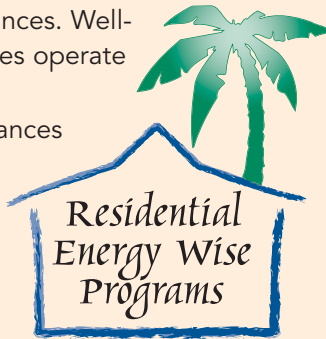
## Lighting

- Turn lights off when not in use.
- Use fluorescent or CFLs in high use areas.
- Replace several small bulbs with one bulb.
- Decorate wall surfaces with light reflective colors.
- Utilize natural sunlight whenever possible.
- Keep lighting fixtures and covers clean.
- Consider installing photocell and motion detector units for exterior lighting.



## In General

- Maintain your appliances. Well-maintained appliances operate efficiently.
- Replace aging appliances with Energy Star models.
- Turn off televisions, fans, lights and computers when not needed.
- Unplug battery, cell phone and laptop chargers when not charging.



Energy management strategies benefit Kaua'i Island Utility Cooperative members and the environment. To help members save energy and money, KIUC offers nine energy-efficiency programs designed specifically to help manage energy cost and promote the efficient use of electricity.

- Efficient Appliance Replacement Program
- Qualifying Member Appliance Replacement Program (QMARP)
- Solar Water Heating Savings Pilot Program
- Solar Rebate Program (\$800 rebate)
- Solar Loan Program (zero-percent interest loan)
- Appliance Meter Service
- Residential Home Visit Program
- New Member Lighting Program
- Commercial Retrofit Program

For details on KIUC's Energy Wise Programs, please contact us at 246.8280 or visit [www.kiuc.coop](http://www.kiuc.coop).

For additional information on any of the Energy Wise Practices and Energy Wise Programs mentioned in this brochure, please contact our Energy Wise office.

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# Residential Energy Wise Practices Checklist



**Energy Wise Programs**

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# Residential Energy Wise Practices Checklist

Use this checklist to learn simple no-cost or low-cost energy management strategies to help reduce your total monthly electric consumption. Challenge yourself; see if you can implement most of these practices. With your savings, you can budget for larger energy-efficiency projects.

## Water Heating



- Install solar water heating
- Set water heater temperature to 120 F.
- Insulate the water heater. Note: Electric water heaters installed after 1992 do not require additional insulation.
- Flush sediments annually to prevent premature corrosion and to allow designed storage volume.
- Repair hot water leaks.

## Cooling

- Consider using fans in lieu of air conditioning.
- Open windows and utilize trade winds.
- Consider ceiling and wall insulation.
- Seal windows and doors.
- Properly sized air conditioning units use less energy. Size units 40 to 50 BTUs per square foot of living space.



## Refrigerators

- Maintain temperature between 37 F and 40 F.
- Maintain 0 F to 5 F in the freezer compartment.
- Keep unit 75 percent to 95 percent full without obstructing airflow.
- Clean coils regularly.
- Install away from any heat source.
- Replace an older unit with a newer Energy Star model.
- Eliminate the use of a second refrigerator.
- Households with multiple units should consider replacing with a single larger unit. A larger unit in place of two smaller units will cost less to operate.



## Freezers

- Manual defrost units requires defrosting at ¼-inch frost build up.
- Maintain 0 F to 5 F.
- Keep 75 percent to 95 percent full without obstructing airflow.
- Clean coils regularly.
- Install away from any heat source.
- Replace an older unit with a newer Energy Star model.
- Eliminate the use of an additional freezer.



## Electric Clothes Dryers

- Avoid using an electric clothes dryer; consider using a laundry line.
- Dry full loads; consider combining loads to reduce dryer use.
- Clean lint trap and exhaust vent regularly.
- When purchasing a new dryer, consider an Energy Star model.



## Clothes Washers

- Avoid washing with hot and warm water. Use cold water only.
- Pre-soak heavily soiled loads.
- Combine loads to reduce washer use.
- Purchase front-loading washers, which consume less water per load.
- Replace an older unit with a newer Energy Star model.



## Dishwashers

- Consider using the dishwasher in lieu of manually washing dishes.
- Avoid using the heat dry cycle.
- Operate using full loads only.

