



# AZDES LIHEAP Energy Conservation Kit Guide

Energy Conservation Kits are a great way for Community Action Agencies to utilize their LIHEAP Assurance 16 funds to assist their communities in decreasing their energy costs and burdens. A16 funds can be used for the costs of purchasing and compiling kits.

## Kit items can include:

- LED Lightbulbs use 25-80% less electricity than incandescent bulbs
- Air Filters - replacing dirty filters regularly can reduce household energy consumption up to 15%
- Light Timers to ensure lights are turned off when not in use
- Weather stripping and caulk - Save energy by sealing cracks and gaps in windows and doors
- Power Strips - 75% of the energy used to power household electronics is consumed while they are switched off
- Duct sealant (mastic) or metal-backed (foil) tape - leaking air can add hundreds of dollars a year to heating and cooling costs
- Foam or rubber receptacle gaskets minimize air leaks and can reduce heating and cooling bills by as much as 20%



## Additional items that can save energy:

- Smart Thermostats help users take 10-23% off their heating and cooling costs
- Microwaves are more energy efficient than a stove or oven
- Ceiling fans allow the user to lower the air temperature without the use of an AC
- Window coverings/awnings can reduce solar heat gain in the summer by up to 65% on south-facing windows and 77% on west-facing windows

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