

# Ways to Save Energy at Home in the Summer

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Russell Craig

Heat created from within the residence can contribute considerably to the expenses of cooling. Below are a few suggestions to assist in reducing heat from inside the home from **Air Conditioning Repair Albuquerque**:

Turn off incandescent lights. Just 5 % of the energy that goes into a common incandescent bulb comes out as light. The staying 95 % comes out as heat! Change to energy-efficient LED bulbs – they produce 90 % less heat, along with making use of 75 % less energy. Initially more expensive, they are really more economical than incandescent bulbs in the long run since they utilize less energy and last so much longer.

Don't put lamps or TVs near your air conditioning thermostat. The heat from these home appliances will trigger the air conditioner to run longer.

Cook with microwave, barbeque or pressure cooker. The microwave generates nearly no heat, and is much more energy-efficient than the stove or oven. The pressure cooker creates less interior heat with fairly low energy consumption. The barbeque, obviously, keeps the heat outside.

Lower sources of humidity. Reducing humidity in your house lead to less condensation on your air conditioner coils, saving electrical power and decreasing this hidden source of heat. To reduce humidity:

- vent clothes dryer to the outside.
- use exhaust fans in kitchen area and washroom.
- cover pots when cooking.
- If you have a crawl area, cover any bare dirt with a plastic ground-moisture obstacle.

Seal off laundry room; line-dry clothing. Washers and dryers produce big amounts of heat and humidity. When possible, use them in the early morning or late night when you can much better tolerate the extra heat. Seal the utility room when in use, and duct or vent the air to the beyond the home.

Use a garments line to dry garments. Dryers release a significant quantity of heat throughout operation; they also eat a great deal of electricity. Toss your garments in the clothes dryer on fluff for a couple of minutes if line-dried clothes are too stiff.

Air dry dishes. This will lower the heat produced by the drying cycle of your dishwasher. Wash only full loads to minimize device use.

Insulate water heater. Water heaters radiate heat which can be quickly consisted of by insulation. You can purchase a water heater 'blanket', or insulate the water heater yourself utilizing dealt with fiberglass insulation and tuck tape. Make certain not to cover any vents. This basic method will likewise greatly enhance the efficiency of your water heater, leading to lower energy costs.

Turn off hot water circulating pump in summertime. If you have a hot water circulating pump for immediate hot water at all faucets think about switching off for the summertime. A lot of homes don't have actually insulated water lines and you pay both warming the water and eliminating the heat from your home with your air conditioning, the little trouble is worth it for energy preservation.

Seal ducts and close basement doors. Lots of homes with main heating have ducts which run through the attic and crawl space. If the seams in these ducts are leaky, particularly in the attic, they can draw in hot summer season air

which flows into your home, creating more of a lots for a/c. Minor duct repair works are easy to accomplish, and typically include folding or crimping the tin edges with a pliers. Ducts in unconditioned areas, nonetheless, should be sealed and insulated by competent specialists making use of the suitable sealing products. Air shaft which bring about your basement should also be shut off, as this part of your residence normally cools itself naturally. Keep the door to the basement closed, as cool air will settle down to the basement where it isn't really required.

Ventilate with a window fan. If outside temperature is below 77°, a window fan can be utilized to change hot indoor air. Locate fan on the downwind side with fan blades directing the air outwards. To improve air flow, open a window in each room and make sure all indoor doors are open.

Shut gas supply to fireplace and heaters. The pilot light produces a considerable amount of heat, and ought to be off throughout warm months. Re-lighting the pilot burner in the fall is as simple as pushing a button on the majority of systems. Fireplace dampers need to also be closed throughout the hot months of the year; this decreases the loss of cooler air from inside the home.

As always, the [US Department of Energy](#) has excellent advice on energy efficiency as does the [Energy Star](#) website.



conditioner is on. Sunny windows account for up to 40 percent of unwanted heat and can make your air conditioner work two to three times harder.

**2. Use cold water to wash dishes and clothes.** This will save on water heating costs. Schedule a wash for early morning or late evening to prevent adding more heat and humidity to your home. If used during the day, appliances produce additional heat causing your air conditioner to work harder.

**3. Raise your thermostat to 78°.** If you are away from home for more than eight hours, raise the thermostat setting and you can expect to save up to 3% savings on cooling costs for each degree set back. This is the number one way to conserve energy in your home.

**4. Turn lights off when exiting a room.** They add to the heat in the home. Consider replacing incandescent bulbs with energy efficient LED lighting. Remember to recycle whenever possible.

**5. Unplug electronics when not in use.** Electric chargers, televisions and audio/video equipment use electricity and produce heat even when they are not in use. Running an older refrigerator can use up to 3X the energy of a modern one.

**6. Use weather-strip and caulk.** Apply around doors and windows to rid your house of drafts and prevent leaking of heated and cooled air.

**7. Install low-flow showerhead and faucets.** They're inexpensive, easy to install and reduce energy and hot water use.

**8. Install ceiling fans and make sure they are blowing down.** Moving air over the body provides a cooling effect and can mean savings of around 25% on cooling costs and can make the temperature seem 10 degrees cooler.

**9. Check and clean filters.** Cleaning and replacing air conditioning filters monthly allows the system to run more efficiently. Clear attic vents. If the home has an attic fan, make sure it is functioning properly.

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