



CAREEP

CARILEC Resiliency and Energy Efficiency Project

ConserVE-2-SaVE

20 TOP ENERGY EFFICIENCY TIPS



GENERAL ENERGY EFFICIENCY TIPS

1. Utilize natural resources wherever possible like natural light, natural ventilation and air circulation, and natural shading.
2. Air Conditioners (AC) units, motion sensors for lights, and smart power strips as central 'turn-off' points.
3. Reduce your electricity expenses through self-generation of electricity by investing e.g., in a Photovoltaic/ solar system.
4. Reduce water consumption, as water use (e.g., treatment, heating, pumping, sewerage treatment) is closely related to electricity consumption.
5. Reduce the standby or hidden electricity consumption of your electronic equipment e.g., TV, radio, mobile chargers, stereo sets, transformers) by unplugging them if they are not in use for extended periods of time (e.g., at night).

AIR CONDITIONERS

6. Use the Air Conditioners (AC) unit only when necessary – use natural ventilation, by opening windows and doors on cooler days.
7. Set the thermostat of your Air Conditioners (AC) unit(s) at 24 to 25 °C (75-77 °F) and ensure that all AC Units are turned off when you are not using the room.
8. Replace an inefficient AC unit with an efficient inverter type split unit with a programmable thermostat.

LIGHTING

15. Replace inefficient light bulbs like incandescent, halogen and compact fluorescence lamps (CFL) with more efficient LED bulbs.
16. Switch off all lights that are not in use.

WATER HEATERS

9. Use a Solar Water Heater (SWH) to generate hot water.
10. Install a timer or switch on your electric water heater manually about one hour before use and switch off immediately after use, if no additional use for the day or the next 6 hours is expected.
11. Reduce the water temperature of your electric water heater down to 55 °C (131 °F).

REFRIGERATION

17. Keep doors of refrigerators closed and don't open unnecessarily.

WASHING MACHINES AND LAUNDRY DRYERS

12. Dry clothes outside in fresh air instead of using the laundry dryer.
13. Wash clothes in cold water or use the 30°C washing cycle.
14. Make sure the washing machine is fully loaded and if you are washing a smaller load, use less water.

KITCHEN DEVICES

18. Maximize the use of your electric stove by cooking or baking several dishes at the same time.
19. If you cook and bake with electricity, but without induction-fields, turn off the burners of your cooking fields or your oven a few minutes before the allotted time. The burners will retain heat long enough to finish the cooking or baking.

ENTERTAINMENT DEVICES

20. Turn off and unplug the TV when nobody is watching. Utilize the timer function of modern TVs and other entertainment devices to turn them off automatically after use.



CARILEC
An Association Of Electric Energy Solution Providers

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