



ENERGY STAR Appliances and Power Consumption

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- Use of ENERGY STAR rated appliances and energy-efficient devices could substantially reduce the amount of electrical energy consumed.
- ENERGY STAR appliances use substantially less electricity depending upon type, model and age. Estimates range from 25% to 50%. ENERGY STAR dishwashers are 25% more efficient than federal standards. New appliances are considerably more efficient due to ongoing technical advances and it is *recommended* that appliances over 10 years old be replaced.
- Purchase ENERGY STAR appliances where possible – dishwashers, microwaves, fridges, televisions, etc. The power savings would offset the initial cost of these items.
- Use ENERGY STAR dishwasher only when full and use the air-dry cycle (80% usage is for heating).
- Do not place the dishwasher next to the refrigerator, as the heat from it will cause the fridge compressor to work harder at cooling.
- Buy ENERGY STAR hot-water tanks, and turn down the tank thermostat.
- A great deal of electricity can be lost due to ‘phantom’ power usage, i.e., electronic items that continue to draw power when not in use. Some common examples of these are coffee pots and stoves with clocks and timers, chargers for cell phones and other devices, telephones, microwaves, televisions, computers, laptops, printers, faxes.
- Purchase energy-efficient power bars that use advanced programmable-timer controls for computers, printers and fax machines. Motion-sensor power controls are also available for this type of equipment.
- Desktop computers use 10 times more power than laptops. Laptops typically consume *15watts/hr*.
- ENERGY STAR cordless telephones are available.
- Participate in the many BC Hydro rebate programs when purchasing, replacing and disposing of appliances. These can be assessed at www.bchydro.com/rebates_savings.

