

# WORKSHEET: ENERGY SAVINGS ADD UP

The amount of electricity used by an appliance or electronic is measured in kilowatt hours (kWh). In most of Newfoundland and Labrador, homeowners pay approximately \$0.11 for every kWh of electricity used.

Appliances and electronics that have the ENERGY STAR label are the most energy-efficient options available. These products use fewer kWh compared to standard models and cost less to run as a result. When you think about all of the appliances and electronics that most homes have, investing in ENERGY STAR-certified products can add up to big savings.

The table below shows a list of appliances and electronics commonly found in homes.

## QUESTION

If a home has one standard model of each appliance and electronic listed in the table, how much **energy and money** could they save each year by switching all appliances and electronics to ENERGY STAR models?

## APPLIANCES & ELECTRONICS: STANDARD MODELS VS. ENERGY STAR

APPLIANCE/ELECTRONIC	ANNUAL ENERGY USE: STANDARD MODEL	ANNUAL ENERGY USE: ENERGY STAR MODEL
REFRIGERATOR	560 kWh	448 kWh
FREEZER	553 kWh	498 kWh
CLOTHES WASHER	768 kWh	484 kWh
DISHWASHER	343 kWh	285 kWh
TELEVISION (40")	161 kWh	121 kWh
TELEVISION (55")	175 kWh	131 kWh
LAPTOP COMPUTER	89 kWh	52 kWh
DESKTOP COMPUTER	285 kWh	161 kWh
AIR PURIFIER	587 kWh	196 kWh
DEHUMIDIFIER	858 kWh	695 kWh

## EXTENSION

Using the list of appliances and electronics provided in the table above, identify which products are found in your home and whether they are ENERGY STAR certified. Calculate how much energy and money your home could save each year by switching all standard models to ENERGY STAR models.