STATE ENERGY EFFICIENT APPLIANCE REBATE PROGRAM

Enhance Consumer Messaging With Savings Facts* for Selected Products

Clothes Washers

- Purchasing an ENERGY STAR qualified clothes washer can save you about $50 a year on your utility bills compared to a new, standard model.
- The average household does almost 400 loads of laundry a year, consuming about 12,000 gallons of water.
- Non-qualified clothes washers use an extra 17 gallons of water in every load—as much water as it takes for the average shower.
- Nearly 70 percent of U.S. electricity is generated by burning coal and natural gas, which releases greenhouse gases into the atmosphere and causes global warming. ENERGY STAR qualified clothes washers use less energy and help us reduce our impact on the environment. By reducing water consumption, ENERGY STAR qualified washers also help protect our lakes, streams, and oceans.
- If your washer is more than 10 years old, it uses more than two and a half times the energy of today's ENERGY STAR qualified models and costs about $130 more each year on your utility bill.
- 2009 ENERGY STAR qualified clothes washers cost about $76 per year to run; 1990s models cost about $190 per year.
- When you replace a 1990s clothes washer with a new ENERGY STAR qualified clothes washer, you can realize the following utility bill savings:
    - Over a year, you'll save enough money to:
        - Buy a 10 megapixel digital camera
        - Buy a year-and-a-half supply of high-efficiency detergent
    - Over the clothes washer's lifetime, you'll save enough money to:
        - Buy a new clothes dryer
        - Buy a 52-inch ENERGY STAR qualified flat panel TV
- When you replace a 1990s clothes washer with a new ENERGY STAR qualified model, you can realize the following water savings:
    - Per load, you'll save enough water to:
        - Run six loads in an ENERGY STAR qualified dishwasher
        - Make 450 cups of coffee

* Facts compiled from a variety of sources and housed in D&R International, Ltd. database. For more detail or specific sources, contact appliancerebates@drintl.com.

  - Over a year, you'll save enough water to:
    - Run an ENERGY STAR dishwasher four times a week for over twelve years
    - Fill 265 bathtubs
  - Over the clothes washer's lifetime, you'll save enough water to:
    - Fill up four and a half backyard swimming pools
    - Wash your car 820 times

- An estimated 84.1 million households have a top-loading washer; 24 million of these are ten years old or older. Combined, the inefficient appliances use $9 billion per year in energy and water costs.

- Your old washer could be costing you more than you think--and wasting 29 gallons of water every time you do a load of laundry. Over the lifetime of the washer, you'd be wasting water equivalent to eight years of daily baths!

- Every step we take to become more energy efficient and lessen our impact on global climate change is a step to preserve energy resources and our environment for generations to come. Just think: if every American home replaced their old washers with ENERGY STAR qualified models, together, we would save:
  - Enough water to fill the Rose Bowl nearly 8,000 times.
  - Enough energy to light nearly 6.3 million homes for an entire year.
  - More than $5.3 billion in annual energy costs.
  - Annual greenhouse gas emissions equivalent to the emissions of more than 1.5 million cars. That is more than the number of registered autos in Nevada and Colorado combined. Lined up bumper to bumper, those cars would stretch from Anchorage to New York.

- Clothes washers can be recycled. They are about 65 percent steel, the bulk of which can be recycled. Some pre-1972 models items may contain mercury switches or other items that may need special handling by a qualified recycler.

Dishwashers

- When you replace a pre-1994 dishwasher with a new ENERGY STAR qualified model, you save $41 a year on utility bills—and 10 gallons of water with every load of dishes.

- The average household runs the dishwasher about 215 times a year. A dishwasher's average life is about 10 years.

- Compared to new non-qualified models, ENERGY STAR qualified dishwashers save about $50 on your utility bills over the lifetime of the unit.

- ENERGY STAR qualified dishwashers save 4 gallons of water per week; that's enough to brew 64 cups of coffee.

- 1990s dishwasher models use about $59 per year in energy and water costs. 2009 ENERGY STAR qualified models cost $33 per year.

- 1990s dishwasher models use 12 gallons of water per cycle. 2009 ENERGY STAR qualified models use 4 gallons of water/cycle.
- ENERGY STAR qualified dishwasher uses less than half as much energy as washing dishes by hand and saves nearly 5,000 gallons of water a year.

Refrigerators and Freezers

- Replace pre-1993 refrigerators with ENERGY STAR qualified models and save $65 per year.
- ENERGY STAR qualified refrigerators use 20% less energy than standard models.
- Choose a new, ENERGY STAR qualified refrigerator over a new, nonqualified model and cut your energy bills by $134 over the lifetime of your fridge.
- Pre-1993 refrigerators cost $115 on average to run. Over five years, that equals the price of
  - 96 12-packs of soft drinks
  - 192 ENERGY STAR qualified compact fluorescent lamps
  - An ENERGY STAR qualified computer
  - A 32” ENERGY STAR qualified flat panel television
- 1990s ENERGY STAR qualified refrigerators cost $99 per year to run. 2010 ENERGY STAR qualified refrigerators cost $46 per year to run.
- The average lifetime of a new refrigerator is about 12 years. The life expectancy of a freezer is 11 years.
- U.S. households have 44.5 million fridges more than 10 years old, 12.7 million of which are secondary units, often in basements and garages. These old fridges cost consumers $4.8 billion a year in energy costs.
- 16.9 million household freezers are more than 10 years old–that’s 44 percent of all freezers.
- Every step we take to become more energy efficient and lessen our impact on global climate change is a step to preserve energy resources and our environment for generations to come. Just think: if every American home replaced its old refrigerator and/or freezer with ENERGY STAR qualified models, together, we would save
  - Enough energy to light more than 10.1 million homes for an entire year
  - $2.2 billion in annual energy costs
  - The annual greenhouse gas emissions of more than 2.5 million cars, or 1 percent of all registered automobiles in the United States. That is more than the number of registered autos in the entire state of Minnesota. Lined up bumper to bumper and side by side, those cars would fill three lanes of traffic stretching from New York to Los Angeles.

Water Heaters

- New technologies found in ENERGY STAR qualified water heaters can shave anywhere from 7 to 55 percent off household water heating costs.

- The average electric storage water heater lasts about 13 years, while a typical gas storage model lasts 11 years.
- ENERGY STAR qualified gas storage water heaters save the typical family of four more than $26 per year on gas bills, compared to a standard storage model. Over the 13-year average lifetime of the unit, that's about $342. ENERGY STAR qualified high-efficiency gas storage models are an easy way to get water heating savings of about 7 percent compared to new non-qualified models.
- If everyone in the United States purchased an ENERGY STAR qualified gas storage model this year instead of a standard gas water heater, we could prevent one billion pounds of CO2 from entering the atmosphere; that's the equivalent of the annual CO_2 emissions from 86,000 cars.
- By heating water only when needed, tankless water heaters save about 30 percent on water heating costs—or about $108 annually for a typical family of four. With a life expectancy of about 20 years, ENERGY STAR qualified tankless water heaters can provide a lifetime savings of more than $2,150.

Room Air Conditioners

- Room air conditioners made before 1998 use more energy each year as they continue to degrade, and the unit costs you an extra $30 each year on your utility bill compared to a new ENERGY STAR qualified model.
- A new ENERGY STAR qualified room air conditioner is at 10 percent more efficient than a standard model.
- With average savings of $66 over the lifetime of the unit, purchasing an ENERGY STAR qualified room air conditioner instead of a standard model saves enough money to:
  - Buy 23 ENERGY STAR qualified CFLs.
  - Buy an ENERGY STAR qualified ceiling fan.
  - Buy nearly 15 gallons of ice cream.
- Room air conditioners contain refrigerants that must be recovered according to federal law. In addition, other materials may need to be recovered according to state law. Then the steel, other metals, and selected parts can be recycled.