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Old refrigerator

COSTS: \$101/YEAR

A refrigerator that's over 15 years old could be costing you a bundle to do the same job a new efficient model would do for less energy.

ENERGY-SAVING TIP:

You can't turn off your refrigerator when you're not using it, so your best bet is upgrading to an ENERGY STAR certified model. Choose the smallest model that meets your needs, and don't leave the fridge door open any longer than necessary.

4



Dehumidifier

COSTS: \$109/YEAR

A dehumidifier is a quick fix for a damp room, but not for your bill.

ENERGY-SAVING TIP:

Use an appropriately sized ENERGY STAR model with an automatic shut-off and built-in mechanism for measuring humidity. Get rid of dampness by sealing off the basement from the outdoors, diverting rain away from the foundation, and wrapping cold water pipes with insulation to reduce sweating.

5



Electric clothes dryer

COSTS: \$171/YEAR

Tossing laundry in the dryer is convenient, but you pay for it.

ENERGY-SAVING TIP:

Hanging your clothes outside on a line uses no electricity. Optimize your dryer by cleaning the lint screen after each use, properly venting your dryer to the outside, and making sure the ducts are leak-free and as short as possible.



Efficiency Vermont offers rebates and energy-saving tips to help you lower your electric bills and save money.

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Top 5 energy users



Cut costs by addressing the household appliances with the biggest impact on your electricity use.

1

Electric water heater

COSTS: \$957/YEAR

Hot water usage from long showers and washing dishes adds up, making this a top energy waster.

ENERGY-SAVING TIP:

Reduce the amount of water coming out of the taps with aerators, insulate your hot water tank and pipes, and use a water-saving ENERGY STAR® certified clothes washer. Wash laundry on cold — and only when you have a full load.

2

Electric space heater

COSTS: \$410/YEAR

You might feel like you're sitting around a campfire when you plug in a space heater, but electric heat is one of the most expensive heating options in Vermont.

ENERGY-SAVING TIP:

Supplementing with electric heat is expensive and uses a lot of energy. A better option is to tighten up your home with air sealing and insulation.

Household electric use

Products with operating costs of \$100 or more are highlighted below.

PRODUCT	HOURS IN USE	kWh USED	MONTHS USED	YEARLY kWh	YEARLY COST
A/C - Central	120	360	3	1,080	\$252
A/C - Window Unit - 9,000 Btu/h (for 350 sq. ft. room)	90	72	3	215	\$40
Clothes Dryer - Electric	6 loads/wk	75	12	901	\$171
Clothes Dryer - Gas (does not include cost of gas)	6 loads/wk	9	12	108	\$20
Clothes Washer (does not include cost of hot water)	7 loads/wk	9	12	108	\$20
Coffee Maker (residential)	30	5	12	60	\$11
Computer - Desktop with Monitor	Draws power in standby mode			127	\$24
Computer - Laptop	Draws power in standby mode			23	\$4
Dehumidifier	240	192	6	1,152	\$109
Dishwasher - air dry (does not include hot water)	30	15	12	180	\$34
Dishwasher - heat dry (does not include hot water)	30	24	12	293	\$56
Ductless Heat Pump - 18,000 Btu/h (single zone)	375	193	12	2,310	\$260
Fan - Attic	60	23	3	68	\$13
Fan - Bath	30	2	12	24	\$5
Fan - Ceiling (does not include lights)	150	12	6	72	\$12
Fan - Table / Box / Floor	60	9	3	28	\$5
Freezer - Chest - 19-21.4 cu. ft. - 2001-2008	720	42	12	509	\$97
Freezer - Chest - 19-21.4 cu. ft. (new ENERGY STAR)	720	30	12	356	\$82
Freezer - Upright - 19-21.4 cu. ft. - 2001-2008	720	66	12	793	\$150
Freezer - Upright - 19-21.4 cu. ft. (new ENERGY STAR)	720	41	12	493	\$88
Game Console (includes standby/phantom load)	Draws power in standby mode			65	\$12
Heating System - Boiler Circulator Pumps	180	49	6	291	\$55
Heating System - Electric Heat - Baseboard, 10 feet	240	300	5	1,500	\$513
Heating System - Electric Heat - Portable	240	360	6	2,160	\$410
Heating System - Furnace Fan Blower (does not include fuel)	180	154	6	922	\$109
Hot Tub - Outdoor (pump & heater)	120	279	12	3,353	\$637
Humidifier	240	30	12	360	\$68

YEARLY COST is based on the statewide average of 17 cents per kWh.

HOURS IN USE is based on a typical four-person household. Annual kiloWatt hour (kWh) may vary considerably depending upon model, age, and use.

PRODUCT	HOURS IN USE	kWh USED	MONTHS USED	YEARLY kWh	YEARLY COST
Lighting - Incandescent, 75 Watt	60	5	12	54	\$10
Lighting - CFL, 20 Watt (75 Watt incandescent equivalent)	90	2	12	22	\$4
Lighting - LED, 10 Watt (75 Watt incandescent equivalent)	90	1	12	12	\$2
Microwave	9	8	12	101	\$19
Oven - Electric	9	24	12	284	\$51
Oven Broiler - Electric	3	5	12	54	\$10
Oxygen Concentrator	240	72	12	864	\$164
Pellet Stove (does not include wood pellets)	720	100	9	900	\$66
Printer - Inkjet - avg. 2 kWh/month	Draws power in standby mode			24	\$5
Printer - Laser / Color - avg. 38 kWh/month	Draws power in standby mode			456	\$87
Range Top - Electric (large cooking surface unit)	30	71	12	855	\$162
Range Top - Electric (small cooking surface unit)	30	38	12	450	\$85
Refrigerator - 19-21.4 cu. ft. - 2001-2008	720	44	12	533	\$101
Refrigerator - 19-21.4 cu. ft. (new ENERGY STAR)	720	27	12	327	\$64
Refrigerator - Bottom Freezer - 19-21.4 cu. ft. - 2001-2008	720	49	2	592	\$112
Refrigerator - Bottom Freezer - 19-21.4 cu. ft. (new ENERGY STAR)	720	47	12	562	\$85
Refrigerator - Side-by-Side - 19-21.4 cu. ft. - 2001-2008	720	57	12	686	\$130
Refrigerator - Side-by-Side - 19-21.4 cu. ft. (new ENERGY STAR)	720	50	12	595	\$72
Set-top box, Cable/Satellite Receiver	720	21	12	249	\$47
Swimming Pool Pump, 1 HP	360	279	4	1,081	\$205
Television - 10-35" non-ENERGY STAR TV	Draws power in standby mode			53	\$23
Television - 36-49" non-ENERGY STAR TV	Draws power in standby mode			106	\$41
Television - 50"+ non-ENERGY STAR TV	Draws power in standby mode			194	\$47
Water Heater - Electric (older base model .86 Energy Factor)	n/a	420	12	5,036	\$957
Water Heater - Electric (new best available model .95 Energy Factor)	n/a	380	12	4,559	\$866
Water Heater - Heat Pump	720	134	12	1,610	\$305

When you're shopping, look for these labels

We've done the research so that you can make the smart choice. When you see a product with the Efficiency Vermont logo, you can be confident these are the most energy efficient products on the market and tested for the highest standards of quality and performance.



Look for the ENERGY STAR label to save money and energy over the life of the product. When you see the label, it also means those products have been tested to ensure they will perform as expected.



Compare the energy efficiency of models you like by looking at the yellow EnergyGuide label.

