



NYSERDA

A Quick, Easy Way to Estimate Energy Costs

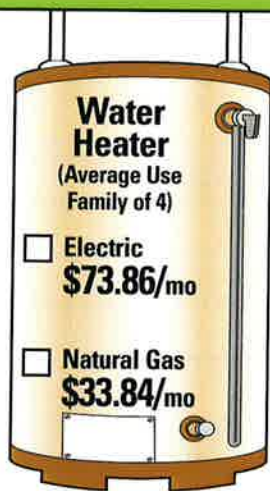
Energy Cost Worksheet State Wide

Seasonal Appliances



Appliance	Hours Per Day	Days Per Month	Cost Factor*	My Estimated Cost Per Month
Electric Space Heater (1200 Watts)		x	x 0.19 =	\$
Heat Tape (200 Watts)		x	x 0.03 =	\$
Central AC (3600 Watts)		x	x 0.58 =	\$
Room AC (1400 Watts)		x	x 0.17 =	\$
Window Fan (120 Watts)		x	x 0.02 =	\$
Dehumidifier (785 Watts)		x	x 0.13 =	\$
Swimming Pool Pump (1300 Watts)		x	x 0.21 =	\$

Hot Water & Laundry – Choose Your Fuel Source and Settings



Washing Machine — Water Heating Cost Per Load

Setting	Electric HW Tank	Natural Gas
Hot/Warm	\$1.01	\$0.35
Hot/Cold	\$0.69	\$0.23
Warm/Warm	\$0.69	\$0.23
Warm/Cold	\$0.37	\$0.12
Cold/Cold	\$0.00	\$0.00

_____ x \$ _____ x 4.3 = \$ _____
 (loads/wk) (cost/load) (wks/mo) (cost/mo)

*Does not include cost of operating washing machine motor—approximately \$0.05 per load.

Clothes Dryer — Cost Per Load

	Electric	Natural Gas
Cost Per Load	\$0.79	\$0.31
_____ x \$ _____ x 4.3 = \$ _____ (loads/wk) (cost/load) (wks/mo) (cost/mo)		

Natural gas pricing based on New York State wide average of \$1.38 per therm.

*** Cost Factor**
 Based on typical efficiencies of hot water tanks and average volume of water. Actual usage may vary—these are only "ballpark" estimates.

Showers and Baths	Average Length of Shower (min)	# Daily Baths or Showers Per Home	Cost Factor*	My Estimated Cost Per Month
Shower, Electric Water Heater		x	x 1.86 =	\$
Shower, Natural Gas Water Heater		x	x 0.38 =	\$
Bath, Electric Water Heater (assumes 35 gal/bath)			x 21.77 =	\$
Bath, Natural Gas Water Heater (assumes 35 gal/bath)			x 4.23 =	\$

Year-Round Appliances



CONSTANT-RUN

Appliance	# In Use In My Home	Estimated Monthly Cost	My Estimated Cost Per Month
Pro-1993 Refrigerator, 19 cu. ft.		x \$20.93 =	\$
ENERGY STAR® Refrigerator 1-3 yrs. old, 19 cu. ft.		x \$5.49 =	\$
Pre-1993 Freezer, 14 cu. ft.		x \$13.13 =	\$
ENERGY STAR® Freezer 1-3 yrs. old, 15 cu. ft.		x \$5.46 =	\$
Waterbed - Heated, Queen-size		x \$16.77 =	\$
Fish Tank - 50 Gallon		x \$14.06 =	\$



HOURLY-USE

Appliance	# Hours Per Day Used	Cost Factor*	My Estimated Cost Per Month
Color TV - 27 inch		x 0.55 =	\$
HDTV - 42 inch		x 1.17 =	\$
Microwave Oven (925 watts)		x 4.47 =	\$
Computer + Monitor (270 watts)		x 1.30 =	\$
Radio - 50 Watts		x 0.24 =	\$
Cooking Range - 6" surface unit (electric)		x 7.73 =	\$
Electric Oven		x 9.66 =	\$
Toaster Oven - 1225 Watts		x 5.92 =	\$
DVD Player		x 0.11 =	\$

Lights and Other Appliances

Location of Lights or Other Appliances	Watts	Hours Per Day	Cost Factor*	My Estimated Yearly Cost
		x	x 0.06 =	\$
		x	x 0.06 =	\$
		x	x 0.06 =	\$
		x	x 0.06 =	\$
		x	x 0.06 =	\$
		x	x 0.06 =	\$

***Cost Factor**

Based on average wattage, current New York State average cost of electricity (\$0.156 per kWh) excluding the service charge, and in many cases, cycling time of appliances. Appliance models vary in usage – keep in mind that these are only “ballpark” estimates.