

Electric Usage Chart



About this Chart

Hours in use is based on a typical four-person household. Your hours of use may vary. Annual kilowatt-hour (kWh) may vary depending upon model, age, and use. Annual cost is based on the statewide average of 12.25 cents per kWh. Appliances with annual operating costs of \$100 or more are highlighted in green. To estimate the annual cost of operating an appliance, multiply the annual kWh by your utility's kWh rate or by the average rate of 12.25 cents.

Annual Cost for a 12" – 27" Television

$$\begin{array}{rcl}
 \mathbf{210} & \mathbf{x} & \mathbf{12.25\text{¢}} & = & \mathbf{\$26} \\
 \text{Annual} & & \text{Average} & & \text{Annual} \\
 \text{kWh} & & \text{kWh rate} & & \text{Cost}
 \end{array}$$

appliance/product	monthly average			annual average	
	hours in use	kWh used	months used	annual kWh	annual cost
Air Conditioner - Central	125	932	4	3728	\$457
Air Conditioner - 8,000 BTU - Room/Window	100	317	4	1268	\$155
Clothes Dryer - Electric	20	75	12	900	\$110
Clothes Dryer - Gas (does not include gas use)	23	9	12	108	\$13
Clothes Washer (does not include warm/hot water use)	30	9	12	108	\$13
Coffee Maker (residential)	30	5	12	60	\$7
Computer - Desktop with Monitor	90	11	12	134	\$16
Computer - Laptop	90	3	12	31	\$4
Dehumidifier	136	200	8	914	\$112
Dishwasher - Heat Dry	22	28	12	336	\$41
Dishwasher - Air Dry	16	8	12	96	\$12
DVD Player	60	2	12	24	\$3
Electric Heat - Baseboard 10 feet	180	225	5	1125	\$138
Electric Heat - Portable/Plug-in	105	155	6	930	\$114
Fan - Attic	64	24	3	72	\$9
Fan - Bath	15	1	12	12	\$1
Fan - Ceiling (does not include lights)	150	23	6	138	\$17
Fan - Table/Box/Floor	71	11	3	33	\$4
Freezer - Chest, 16.5 - 18.9 cu. ft., 1990-1992	720	69	12	828	\$101
Freezer - Chest, 16.5 - 18.9 cu. ft., 1993-2000	720	47	12	568	\$70
Freezer - Chest, 16.5 - 18.9 cu. ft., 2001-2008	720	38	12	462	\$57
Freezer - Chest, 19.0 - 21.4 cu. ft., 1990-1992	720	76	12	911	\$112
Freezer - Chest, 19.0 - 21.4 cu. ft., 1993-2000	720	52	12	627	\$77
Freezer - Chest, 19.0 - 21.4 cu. ft., 2001-2008	720	42	12	509	\$62
Freezer (New Energy Star) - Chest, 19.0 - 21.4 cu. ft.	720	36	12	434	\$53
Freezer - Upright, 16.5 - 18.9 cu. ft., 1990-1992	720	114	12	1373	\$168
Freezer - Upright, 16.5 - 18.9 cu. ft., 1993-2000	720	81	12	971	\$119
Freezer - Upright, 16.5 - 18.9 cu. ft., 2001-2008	720	61	12	734	\$90
Freezer - Upright, 19.0 - 21.4 cu. ft., 1990-1992	720	121	12	1456	\$178
Freezer - Upright, 19.0 - 21.4 cu. ft., 1993-2000	720	88	12	1053	\$129
Freezer - Upright, 19.0 - 21.4 cu. ft., 2001-2008	720	66	12	793	\$97
Freezer (New Energy Star) - Upright, 19.0 - 21.4 cu. ft.	720	39	12	464	\$57
Game Console	30	5	12	60	\$7
Heating System - Boiler Hot Water Circulators (does not include fuel use)	178	49	6	294	\$36
Heating System - Furnace Fan Blower (does not include fuel use)	178	83	6	498	\$61
Hot Tub - Indoor (Pump and Heater)	70	196	12	2352	\$288

Electric Usage Chart (continued)

appliance/product	monthly average			annual average	
	hours in use	kWh used	months used	annual kWh	annual cost
Hot Tub - Outdoor (Pump and Heater)	128	298	12	3576	\$438
Lighting - Incandescent, 100-watts	90	9	12	108	\$13
Lighting - CFL, 25-watts	90	2.25	12	27	\$3
Lighting - LED, 10-watts	110	1.1	12	13	\$2
Microwave Oven	9	8	12	96	\$12
Oven Broiler - Electric	4	6	12	72	\$9
Oven - Electric	8	21	12	252	\$31
Oxygen Concentrator	240	72	12	864	\$106
Pellet Stove (does not include wood pellets)	720	100	7	700	\$86
Printer - Ink Jet	6	2	12	24	\$3
Printer - Laser - Color	6	38	12	456	\$56
Range Top - Electric (large cooking surface unit)	30	71	12	852	\$104
Range Top - Electric (small cooking surface unit)	8	10	12	120	\$15
Refrigerator, 16.5 - 18.9 cu. ft., 2001-2008	720	41	12	497	\$61
Refrigerator, 16.5 - 18.9 cu. ft., 1990-1992	720	99	12	1184	\$145
Refrigerator, 16.5 - 18.9 cu. ft., 1993-2000	720	66	12	793	\$97
Refrigerator, 19.0 - 21.4 cu. ft., 1990-1992	720	106	12	1266	\$155
Refrigerator, 19.0 - 21.4 cu. ft., 1993-2000	720	70	12	840	\$103
Refrigerator, 19.0 - 21.4 cu. ft., 2001-2008	720	44	12	533	\$65
Refrigerator (New ENERGY STAR), 19.0 - 21.4 cu. ft.	720	28	12	336	\$41
Refrigerator - Bottom Freezer, 16.5 - 18.9 cu. ft., 1990-1992	720	109	12	1314	\$161
Refrigerator - Bottom Freezer, 16.5 - 18.9 cu. ft., 1993-2000	720	68	12	817	\$100
Refrigerator - Bottom Freezer, 16.5 - 18.9 cu. ft., 2001-2008	720	48	12	580	\$71
Refrigerator - Bottom Freezer, 19.0 - 21.4 cu. ft., 1990-1992	720	116	12	1397	\$171
Refrigerator - Bottom Freezer, 19.0 - 21.4 cu. ft., 1993-2000	720	72	12	864	\$106
Refrigerator - Bottom Freezer, 19.0 - 21.4 cu. ft., 2001-2008	720	49	12	592	\$72
Refrigerator (New ENERGY STAR) Bottom Freezer, 19.0 - 21.4 cu. ft.	720	37	12	447	\$55
Refrigerator - Side-by-Side, 16.5 - 18.9 cu. ft., 1990-1992	720	127	12	1527	\$187
Refrigerator - Side-by-Side, 16.5 - 18.9 cu. ft., 1993-2000	720	85	12	1018	\$125
Refrigerator - Side-by-Side, 16.5 - 18.9 cu. ft., 2001-2008	720	55	12	663	\$81
Refrigerator - Side-by-Side, 19.0 - 21.4 cu. ft., 1990-1992	720	135	12	1621	\$199
Refrigerator - Side-by-Side, 19.0 - 21.4 cu. ft., 1993-2000	720	90	12	1077	\$132
Refrigerator - Side-by-Side, 19.0 - 21.4 cu. ft., 2001-2008	720	57	12	686	\$84
Refrigerator (New ENERGY STAR) Side-by-Side, 19.0 - 21.4 cu. ft.	720	32	12	381	\$47
Satellite Dish/Cable Receiver	730	21	12	252	\$31
Sauna	4	28	12	336	\$41
Swimming Pool - Filter Pump, 1 HP	360	270	4	1080	\$132
Television - 10" - 35" Average Non-ENERGY STAR TV	210	10	12	120	\$15
Television - 15" - 27" Standard	210	25	12	302	\$37
Television - 27" LCD Flat Screen	210	25	12	302	\$37
Television - 32" - 60" LCD Flat Screen	210	32	12	378	\$46
Television - 32" - 60" Plasma Flat Screen	210	68	12	819	\$100
Television - 36" - 49" Average Non-ENERGY STAR TV	210	18	12	215	\$26
Television - 50"+ Average Non-ENERGY STAR TV	210	21	12	249	\$30
Waterbed	256	75	12	900	\$110
Water Cooler/Heater	730	61	12	732	\$90
Water Heater - Electric	cycles	396	12	4752	\$582
Water Heater - Heat Pump	720	134	12	1608	\$197