

# Energy Usage Guide

	WATTAGE	HOURLY COST	TYPICAL MONTHLY COST
Air Conditioner (central) - 3.0 ton, 10 SEER	3600	\$0.50	\$67.00
Air Conditioner (central) - 3.0 ton, 15 SEER	2400	\$0.33	\$44.66
Air Conditioner (room) - 10,000 BTU	917	\$0.13	\$6.78
Air Conditioner (room) - 5,000 BTU	455	\$0.06	\$3.37
Cable Modem	5.7	~ \$0.01	\$0.56
Ceiling Fan w/o light	67	\$0.01	\$0.55
Ceiling Fan with three 60W Bulbs	247	\$0.03	\$2.04
Electric Blanket	400	\$0.06	\$13.21
Exercise Equipment - Treadmill 3 H.P.	2499	\$0.34	\$3.44
Freezer - Upright/Chest 17 cu. ft (circa 2010)	58	\$0.01	\$5.83
Furnace Fan 1/2 Horse power motor	466	\$0.06	\$24.98
Hair Dryer	1538	\$0.21	\$1.04
Holiday Lights - 100 Large Bulbs	350	\$0.05	\$17.34
Holiday Lights - 100 Mini LED	7	~ \$0.01	\$0.36
Holiday Lights - 100 Small Bulbs	24	~ \$0.01	\$1.19
Home Internet Router	5.7	~ \$0.01	\$0.56
Home Security Systems	2.7	~ \$0.01	\$0.27
Iron	1100	\$0.15	\$0.76
Lighting - 10.5 Watt LED	10.5	~ \$0.01	\$0.13
Lighting - 100 Watt Incandescent	100	\$0.01	\$1.24
Lighting - 23 Watt CFL	23	~ \$0.01	\$0.28
Lighting - 60 Watt Incandescent	60	\$0.01	\$0.74
Lighting - 72 Watt Halogen	72	\$0.01	\$0.89
Refrigerator-Freezer - 21 - 24 cu. ft. - Top Freezer (circa 1997)	124	\$0.02	\$12.33
Refrigerator-Freezer - 25 cu. ft. - Side by Side (circa 1990)	274	\$0.04	\$27.17
Refrigerator-Freezer - 25 cu. ft. - Side by Side ENERGY STAR	75	\$0.01	\$7.42
Swimming Pool Filter Pump	1231	\$0.17	\$52.84
Swimming Pool Sweep Pump	1200	\$0.17	\$1.32
Vacuum - Regular 12 Amp	1440	\$0.20	\$0.40
Water Heating (Conventional Tank Water Heater, electric)	1192	\$0.16	\$34.61

~ approximate value

**Hourly Based Usage**  
The cost of energy is determined by the hours of operation.

**You've Got the Power to Save.**  
**We've Got the Ideas to Help.**

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	ACTIVE MODE	IDLE MODE	STANDBY MODE	TYPICAL MONTHLY COST
Air Purifier	30		0.6	\$0.30
Blu-Ray Player	10.5	5	1	\$0.17
CD Player	9.9	8.6	5	\$0.52
Cell Phone Charger	2		0.3	\$0.06
Coffee Maker	975		1.1	\$4.13
Computer Desktop	27	1.8	0.8	\$0.41
Computer Laptop	8.6	0.9	0.5	\$0.15
Cordless Phone	3	1.6	1	\$0.10
Dehumidifier	459		1.9	\$16.98
DVD Player	6	5	1	\$0.16
HD DVR Set - Top Box	20	17	7	\$3.15
Keurig Coffee Maker	900	1.1	1.1	\$0.52
Microwave Oven	1000	25.8	3	\$1.26
Printer - Ink Jet	5	0.6	0.5	\$0.13
Printer - Laser	131	0.6	0.5	\$3.50
Roku	4.5		2	\$0.23
Sound Bar	210	3.7	0.6	\$0.35*
Television - LCD 35 inch	58		0.3	\$1.22
Television - LED 45 inch	45		0.3	\$0.95
Television - Plasma 45 inch	90		0.3	\$1.88
Video Game System - Nintendo Wii U (2012)	34	0.4	0.4	\$0.42
Video Game System - Nintendo Wii (2006)	16	10.5	2	\$0.69
Video Game System - PlayStation 3 (2006)	150	153	1.1	\$12.07
Video Game System - PlayStation 4 (2013)	137	8.4	0.3	\$2.08
Video Game System - Xbox 360 (2007)	119	117.5	3.1	\$9.09
Video Game System - Xbox One (2013)	112	15.7	0.4	\$2.67

\*if active 10 hours, 2 hours idle

### Active Mode

Wattage when equipment is on and operating.

### Idle Mode

Wattage when equipment is on, but not active.

### Standby Mode

Wattage when equipment is off, but still plugged in and drawing power.

For tips, tools & information, visit [ComEd.com/HomeSavings](http://ComEd.com/HomeSavings)

### Cycle-Based Usage

The cost of energy per cycle of an appliance.

	WATTAGE	COST PER CYCLE	TYPICAL MONTHLY COST
Clothes Dryer - Electric	2750	\$0.30	\$6.97
Clothes Washer	776	\$0.11	\$2.64
Dishwasher (w/dry cycle)	837	\$0.23	\$4.02
Dishwasher (w/o dry cycle)	837	\$0.17	\$3.10

Sources: E Source, US Department of Energy, US Environmental Protection Agency, California Energy Commission, National Resources Defense Council, State of Illinois Technical Reference Manual. This information is based on current annualized average monthly retail charges for ComEd electric delivery service and ComEd supply service at 13.76 cents per kilowatt-hour to residential customers in Illinois using rates applicable beginning with the June 2018 billing period. Actual savings may vary based on usage and rates. Wattages shown are averages. Specific factors such as equipment efficiency, hours of use, operating conditions, etc. can cause actual operating costs to vary. Many appliances "cycle" from a running to an idle mode affecting the amount of electricity they use.