

# APPLIANCE KWH USAGE CHART

**NOTE: KWh avg cost includes KWH rate plus all estimated taxes & fees. Increases in the FAC or other taxes are out of the control of JEC. This is just for approximate estimated usage of appliances.**

## Bathroom

# of units	Appliance	Avg watts	kW	Avg use in hrs/day	Avg mthly kWHS	Avg cost/kWH	Avg Est mthly cost
1	Hair dryer	1250	1.25	0.1	4	\$ 0.125	<b>\$0.50</b>
1	Hair dryer	1500	1.5	0.25	11	\$ 0.125	<b>\$1.38</b>
1	Toothbrush	10	0.01	0.03	0.9	\$ 0.125	<b>\$0.11</b>
1	Whirlpool tub	1800	1.8	1	54	\$ 0.125	<b>\$6.75</b>
1	Shaver	15	0.015	0.1	3	\$ 0.125	<b>\$0.38</b>

## Bedroom

# of units	Appliance	Avg watts	kW	Avg use in hrs/day	Avg mthly kWHS	Avg cost/kWH	Avg Est mthly cost
1	Electric blanket	200	0.2	8	48	\$ 0.125	<b>\$6.00</b>
1	Water bed - Double 80°	300	0.3	12	108	\$ 0.125	<b>\$13.50</b>
1	Water bed - Double 90°	300	0.3	12	108	\$ 0.125	<b>\$13.50</b>
1	Water bed - Double 100°	300	0.3	12	108	\$ 0.125	<b>\$13.50</b>
1	Water bed - Queen 80°	300	0.3	12	108	\$ 0.125	<b>\$13.50</b>
1	Water bed - Queen 90°	300	0.3	12	108	\$ 0.125	<b>\$13.50</b>
1	Water bed - Queen 100°	300	0.3	12	108	\$ 0.125	<b>\$13.50</b>
1	Water bed - King 80°	300	0.3	12	108	\$ 0.125	<b>\$13.50</b>
1	Water bed - King 90°	300	0.3	12	108	\$ 0.125	<b>\$13.50</b>
1	Water bed - King 100°	300	0.3	12	108	\$ 0.125	<b>\$13.50</b>
1	Heating pad	65	0.065	0.5	1	\$ 0.125	<b>\$0.13</b>

## Garage

# of units	Appliance	Avg watts	kW	Avg use in hrs/day	Avg mthly kWHS	Avg cost/kWH	Avg Est mthly cost
1	Air compressor 1 h.p.	1,000	1	0.5	15	\$ 0.125	<b>\$1.88</b>
1	Air compressor 1/2 h.p.	500	0.5	0.5	8	\$ 0.125	<b>\$1.00</b>
1	Air compressor 3 h.p.	3,000	3	0.5	45	\$ 0.125	<b>\$5.63</b>
1	Air compressor 6 h.p.	6,000	6	0.5	90	\$ 0.125	<b>\$11.25</b>
1	Belt sander	300	0.3	0.3	3	\$ 0.125	<b>\$0.38</b>
1	Bench grinder	600	0.6	0.3	5	\$ 0.125	<b>\$0.63</b>
1	Circular saw	1,000	1	0.3	9	\$ 0.125	<b>\$1.13</b>
1	Drill	300	0.3	0.1	1	\$ 0.125	<b>\$0.13</b>
1	Electric Fence	10	0.01	24	7	\$ 0.125	<b>\$0.88</b>
1	Garage door opener	250	0.25	0.04	0	\$ 0.125	<b>\$0.00</b>
1	Hedge Trimmer	125	0.125	0.1	0	\$ 0.125	<b>\$0.00</b>
1	Lawn mower (electric)	1,500	1.5	0.5	23	\$ 0.125	<b>\$2.88</b>
1	Motor - 1 hp	1000	1	1	30	\$ 0.125	<b>\$3.75</b>
1	Power saw	275	0.275	0.5	4	\$ 0.125	<b>\$0.50</b>
1	Saber saw	400	0.4	0.3	4	\$ 0.125	<b>\$0.50</b>
1	Soldering gun	600	0.6	0.3	5	\$ 0.125	<b>\$0.63</b>
1	Table saw	3,000	3	0.3	27	\$ 0.125	<b>\$3.38</b>
1	Yard light - 175 watt w/ballast	175	0.175	12	63	\$ 0.125	<b>\$7.88</b>

## Water - heating and pumps

# of units	Appliance	Avg watts	kW	Avg use in hrs/day	Avg mthly kWhS	Avg cost/kWH	Avg Est mthly cost
1	Water heater – 1 person	4500	4.5	3	405	\$ 0.125	<b>\$50.63</b>
1	Water heater – 2 people	4500	4.5	3	405	\$ 0.125	<b>\$50.63</b>
1	Water heater – 3 people	4500	4.5	4	540	\$ 0.125	<b>\$67.50</b>
1	Water heater – 4 people	4500	4.5	4	540	\$ 0.125	<b>\$67.50</b>
1	Well pump	1,000	1	1.5	45	\$ 0.125	<b>\$5.63</b>
1	Septic pump	1,000	1	1.3	39	\$ 0.125	<b>\$4.88</b>

## Heating and Cooling

# of units	Appliance	Avg watts	kW	Avg use in hrs/day	Avg mthly kWhS	Avg cost/kWH	Avg Est mthly cost
	<b>Air conditioner-central</b>						
1	1.5 ton	2500	2.5	8	600	\$ 0.125	<b>\$75.00</b>
1	2 ton	3200	3.2	8	768	\$ 0.125	<b>\$96.00</b>
1	2.5 ton	3500	3.5	8	840	\$ 0.125	<b>\$105.00</b>
1	3 ton	4500	4.5	8	1080	\$ 0.125	<b>\$135.00</b>
1	4 ton	6000	6	8	1440	\$ 0.125	<b>\$180.00</b>
1	5 ton	7500	7.5	8	1800	\$ 0.125	<b>\$225.00</b>
	<b>Air conditioner-window</b>						
1	6,000 btu/h	750	0.75	8	180	\$ 0.125	<b>\$22.50</b>
1	10,000 bth/h	1200	1.2	8	288	\$ 0.125	<b>\$36.00</b>
1	12,000 btu/h	1600	1.6	8	384	\$ 0.125	<b>\$48.00</b>
1	14,000 btu/h	1875	1.875	8	450	\$ 0.125	<b>\$56.25</b>
1	16,000 btu/h	2125	2.125	8	510	\$ 0.125	<b>\$63.75</b>
1	18,000 btu/h	2395	2.395	8	575	\$ 0.125	<b>\$71.88</b>
1	20,000 btu/h	2666	2.666	8	640	\$ 0.125	<b>\$80.00</b>
	<b>Baseboard heater</b>						
1	500 watts	500	0.5	8	120	\$ 0.125	<b>\$15.00</b>
1	1000 watts	1000	1	8	240	\$ 0.125	<b>\$30.00</b>
1	1500 watts	1500	1.5	8	360	\$ 0.125	<b>\$45.00</b>
1	2000 watts	2000	2	8	480	\$ 0.125	<b>\$60.00</b>
	<b>Central Electric Furnace</b>						
1	10,250 watts	10250	10.25	8	2460	\$ 0.125	<b>\$307.50</b>
1	15,350 watts	15350	15.35	8	3684	\$ 0.125	<b>\$460.50</b>
1	20,490 watts	20490	20.49	8	4918	\$ 0.125	<b>\$614.75</b>
1	25,670 watts	25670	25.67	8	6161	\$ 0.125	<b>\$770.13</b>
	<b>Heat pump-cooling</b>						
1	2 ton (13 SEER)	860	0.86	12	310	\$ 0.125	<b>\$38.75</b>
1	3 ton (13 SEER)	1280	1.28	12	461	\$ 0.125	<b>\$57.63</b>
1	4 ton (13 SEER)	1700	1.7	12	612	\$ 0.125	<b>\$76.50</b>
	<b>Heat pump-heating</b>						
1	1,500 sq ft (8 HSPF)	4580	4.58	12	1649	\$ 0.125	<b>\$206.13</b>
1	2,000 sq ft (8 HSPF)	6120	6.12	12	2203	\$ 0.125	<b>\$275.38</b>
1	2,500 sq ft (8 HSPF)	7640	7.64	12	2750	\$ 0.125	<b>\$343.75</b>
1	3,000 sq ft (8 HSPF)	9180	9.18	12	3305	\$ 0.125	<b>\$413.13</b>

Miscellaneous		Avg watts	kW	Avg use in hrs/day	Avg mthly kWhS	Avg cost/kWH	Avg Est mthly cost
1	Electrostatic Air Cleaner	50	0.05	24	36	\$ 0.125	<b>\$4.50</b>
	on Furnace					\$ 0.125	<b>\$0.00</b>
1	Fan (attic)	500	0.5	2	30	\$ 0.125	<b>\$3.75</b>
1	Furnace, blower	600	0.6	4	72	\$ 0.125	<b>\$9.00</b>
1	Heat Recovery	125	0.125	18	68	\$ 0.125	<b>\$8.50</b>
	Air Exchanger					\$ 0.125	<b>\$0.00</b>
1	Heating cable (roof) -60 ft	500	0.5	1	15	\$ 0.125	<b>\$1.88</b>
1	Heating cable (water) -24 ft	200	0.2	24	144	\$ 0.125	<b>\$18.00</b>
1	Oil furnace burner	260	0.26	3	23	\$ 0.125	<b>\$2.88</b>
1	Portable space heater	1500	1.5	2	90	\$ 0.125	<b>\$11.25</b>
1	Wall heater	1,000	1	8	240	\$ 0.125	<b>\$30.00</b>
1	Window Fan	200	0.2	3	18	\$ 0.125	<b>\$2.25</b>

### Inside Miscellaneous

# of units	Appliance	Avg watts	kW	Avg use in hrs/day	Avg mthly kWhS	Avg cost/kWH	Avg Est mthly cost
1	Air purifier	50	0.05	12	18	\$ 0.125	<b>\$2.25</b>
1	Bug Zapper	100	0.1	24	72	\$ 0.125	<b>\$9.00</b>
1	Cable converter box	35	0.035	24	25	\$ 0.125	<b>\$3.13</b>
1	Ceiling fan – high	100	0.1	6	18	\$ 0.125	<b>\$2.25</b>
1	Ceiling fan – low	10	0.01	6	2	\$ 0.125	<b>\$0.25</b>
1	Ceiling fan w/3-60w bulbs	230	0.23	6	41	\$ 0.125	<b>\$5.13</b>
1	Clock	4	0.004	24	3	\$ 0.125	<b>\$0.38</b>
1	Dehumidifier	300	0.3	24	216	\$ 0.125	<b>\$27.00</b>
1	Exercise Treadmill-2 h.p.	2000	2	0.5	30	\$ 0.125	<b>\$3.75</b>
1	Exercise Treadmill-3 h.p.	3000	3	0.5	45	\$ 0.125	<b>\$5.63</b>
1	Fan	60	0.06	5	9	\$ 0.125	<b>\$1.13</b>
1	Fish tank (10 gallon)	80	0.08	24	58	\$ 0.125	<b>\$7.25</b>
1	Fish Tank (50 gallon)	230	0.23	24	166	\$ 0.125	<b>\$20.75</b>
1	Home theater receiver	100	0.1	6	18	\$ 0.125	<b>\$2.25</b>
1	Humidifier	80	0.08	8	19	\$ 0.125	<b>\$2.38</b>
1	Humidifier-cool mist	200	0.2	6	36	\$ 0.125	<b>\$4.50</b>
1	Humidifier-warm mist	384	0.384	6	69	\$ 0.125	<b>\$8.63</b>
1	Oxygen Concentrator	460	0.46	24	331	\$ 0.125	<b>\$41.38</b>
1	Nebulizer	1035	1.035	1.5	47	\$ 0.125	<b>\$5.88</b>
1	Radio	20	0.02	7	4	\$ 0.125	<b>\$0.50</b>
1	Radio-stereo	40	0.04	5	6	\$ 0.125	<b>\$0.75</b>
1	Sewing machine	75	0.075	0.3	1	\$ 0.125	<b>\$0.13</b>
1	TV - 13" color	60	0.06	4	7	\$ 0.125	<b>\$0.88</b>
1	TV - 19" color	100	0.1	4	12	\$ 0.125	<b>\$1.50</b>
1	TV - 25" color	123	0.123	4	15	\$ 0.125	<b>\$1.88</b>
1	TV - 27" color	125	0.125	4	15	\$ 0.125	<b>\$1.88</b>
1	TV - 32" color	130	0.13	4	16	\$ 0.125	<b>\$2.00</b>
1	TV - 36" color	133	0.133	4	16	\$ 0.125	<b>\$2.00</b>
1	TV - 43" color	200	0.2	4	24	\$ 0.125	<b>\$3.00</b>
1	TV - 55" color	220	0.22	4	26	\$ 0.125	<b>\$3.25</b>
1	TV - 60" color	240	0.24	4	29	\$ 0.125	<b>\$3.63</b>
1	Vacuum sweeper	700	0.7	0.1	2	\$ 0.125	<b>\$0.25</b>

## KITCHEN

# of units	Appliance	Avg watts	kW	Avg use in hrs/day	Avg mthly kWHS	Avg cost/kWH	Avg Est mthly cost
1	BBQ grill (electric)	1350	1.35	0.5	20	\$ 0.125	<b>\$2.50</b>
1	Blender	150	0.15	0.5	2	\$ 0.125	<b>\$0.25</b>
1	Can Opener	175	0.175	0.25	1	\$ 0.125	<b>\$0.13</b>
1	Coffee maker (drip)	850	0.85	0.25	6	\$ 0.125	<b>\$0.75</b>
1	Corn popper	175	0.175	0.25	1	\$ 0.125	<b>\$0.13</b>
1	Corn popper (hot air)	175	0.175	0.25	1	\$ 0.125	<b>\$0.13</b>
1	Crock pot	200	0.2	1	6	\$ 0.125	<b>\$0.75</b>
1	Deep fryer	400	0.4	0.25	3	\$ 0.125	<b>\$0.38</b>
1	Dishwasher	1190	1.19	1	36	\$ 0.125	<b>\$4.50</b>
1	Disposal	400	0.4	0.25	3	\$ 0.125	<b>\$0.38</b>
1	Food processor	175	0.175	0.25	1	\$ 0.125	<b>\$0.13</b>
1	Freezer, standard 15 cu. Ft.	350	0.35	14	147	\$ 0.125	<b>\$18.38</b>
1	Freezer, frost free 15 cu. Ft.	440	0.44	14	185	\$ 0.125	<b>\$23.13</b>
1	Frying pan	1200	1.2	0.5	18	\$ 0.125	<b>\$2.25</b>
1	Microwave oven	1450	1.45	0.4	17	\$ 0.125	<b>\$2.13</b>
1	Mixer (stand or hand)	110	0.11	0.4	1	\$ 0.125	<b>\$0.13</b>
1	Oven - convection	2200	2.2	0.4	26	\$ 0.125	<b>\$3.25</b>
1	Oven - standard	2,000	2	0.67	40	\$ 0.125	<b>\$5.00</b>
1	Range	12,000	12	0.4	144	\$ 0.125	<b>\$18.00</b>
1	Range-large burner	2,400	2.4	0.5	36	\$ 0.125	<b>\$4.50</b>
1	Refrigerator side by side	900	0.9	6	162	\$ 0.125	<b>\$20.25</b>
1	Refrigerator, standard	265	0.265	14	111	\$ 0.125	<b>\$13.88</b>
1	Refrigerator, frost-free 16'	475	0.475	13	185	\$ 0.125	<b>\$23.13</b>
1	Refrigerator, frost-free 20'	540	0.54	15	243	\$ 0.125	<b>\$30.38</b>
1	Refrigerator, 4.4 cu. Ft (dorm size)	75	0.075	12	27	\$ 0.125	<b>\$3.38</b>
1	Roaster	1450	1.45	0.5	22	\$ 0.125	<b>\$2.75</b>
1	Toaster	1100	1.1	0.1	3	\$ 0.125	<b>\$0.38</b>
1	Toaster oven/broiler	1500	1.5	0.25	11	\$ 0.125	<b>\$1.38</b>
1	Toaster oven/broiler - convection	1500	1.5	0.25	11	\$ 0.125	<b>\$1.38</b>
1	Trash compactor	600	0.6	0.15	3	\$ 0.125	<b>\$0.38</b>
1	Waffle iron	1100	1.1	0.03	1	\$ 0.125	<b>\$0.13</b>
1	Water cooler w/hot water	600	0.6	24	432	\$ 0.125	<b>\$54.00</b>

## Laundry

# of units	Appliance	Avg watts	kW	Avg use in hrs/day	Avg mthly kWHS	Avg cost/kWH	Avg Est mthly cost
1	Clothes dryer - electric	4350	4.35	0.5	65	\$0.125	<b>\$8.13</b>
1	Clothes washer w/HW	600	0.6	0.5	9	\$0.125	<b>\$1.13</b>
1	Clothes washer wo/HW	500	0.5	0.25	4	\$0.125	<b>\$0.50</b>
1	Iron	1,100	1.1	0.5	17	\$0.125	<b>\$2.13</b>

## Office

# of units	Appliance	Avg watts	kW	Avg use in hrs/day	Avg mthly kWHS	Avg cost/kWH	Avg Est mthly cost
1	Answering machine	10	0.01	24	7	\$0.125	<b>\$0.88</b>
1	Computer, color monitor	85	0.085	2	5	\$0.125	<b>\$0.63</b>
1	Fax machine	672	0.672	1	20	\$0.125	<b>\$2.50</b>
1	Home copy machine	1500	1.5	1	45	\$0.125	<b>\$5.63</b>
1	Laser printer-idle	95	0.095	1.5	4	\$0.125	<b>\$0.50</b>
1	Laser printer-printing	500	0.5	0.3	5	\$0.125	<b>\$0.63</b>
1	Scanner	30	0.03	1	1	\$0.125	<b>\$0.13</b>
1	Telephone - cordless	5	0.005	24	4	\$0.125	<b>\$0.50</b>

## Outdoor Entertainment

# of units	Appliance	Avg watts	kW	Avg use in hrs/day	Avg mthly kWHS	Avg cost/kWH	Avg Est mthly cost
1	Pool filter motor 1 h.p.	1500	1.5	24	1080	\$0.125	<b>\$135.00</b>
1	Pool filter motor 1.5 hp	2100	2.1	24	1512	\$0.125	<b>\$189.00</b>
1	Pool filter motor ½ hp	900	0.9	24	648	\$0.125	<b>\$81.00</b>
1	Pool filter motor ¾ hp	1200	1.2	24	864	\$0.125	<b>\$108.00</b>
1	Hot tub	5000	5	1	150	\$0.125	<b>\$18.75</b>
1	Hot tub-4 person	1500	1.5	24	1080	\$0.125	<b>\$135.00</b>

*Remember, when filling your pool from your well, the well pump will run more than normal and will increase your monthly electric bill.*

## Lighting

# of units	Appliance	Avg watts	kW	Avg use in hrs/day	Avg mthly kWHS	Avg cost/kWH	Avg Est mthly cost
<b>INDOOR</b>							
1	200-watt bulb	200	0.2	10	60	\$0.125	<b>\$7.50</b>
1	100-watt bulb	100	0.1	10	30	\$0.125	<b>\$3.75</b>
1	75-watt bulb	75	0.075	10	23	\$0.125	<b>\$2.88</b>
1	60-watt bulb	60	0.06	10	18	\$0.125	<b>\$2.25</b>
1	40-watt bulb	40	0.04	10	12	\$0.125	<b>\$1.50</b>
1	Chandelier 5 - 40-watt bulbs	200	0.2	2	12	\$0.125	<b>\$1.50</b>
1	Compact Fluorescent 50w	50	0.05	8	12	\$0.125	<b>\$1.50</b>
1	Compact Fluorescent 24w	23	0.023	8	6	\$0.125	<b>\$0.75</b>
1	Compact Fluorescent 18w	18	0.018	8	4	\$0.125	<b>\$0.50</b>
1	Compact Fluorescent 15w	15	0.015	8	4	\$0.125	<b>\$0.50</b>
1	Compact Fluorescent 10w	10	0.01	8	2	\$0.125	<b>\$0.25</b>
1	Fluorescent-2 bulb	100	0.1	8	24	\$0.125	<b>\$3.00</b>
1	Fluorescent-40 watt	40	0.04	10	12	\$0.125	<b>\$1.50</b>
1	Fluorescent-75 watt	75	0.075	10	23	\$0.125	<b>\$2.88</b>
1	Halogen	90	0.09	8	22	\$0.125	<b>\$2.75</b>
1	Sun lamp	280	0.28	0.03	0	\$0.125	<b>\$0.00</b>

<b>OUTDOOR</b>		Avg watts	kW	Avg Use in hrs/day	Avg mthly kWHS	Avg cost/kWH	Avg Est mthly cost
1	150-watt flood lamp	150	0.15	8	36	\$0.125	<b>\$4.50</b>
1	60-watt pole light	60	0.06	8	14	\$0.125	<b>\$1.75</b>
1	Christmas lights - 100 large	70	0.07	5	11	\$0.125	<b>\$1.38</b>
1	Christmas lights - 100 small	50	0.05	5	8	\$0.125	<b>\$1.00</b>
1	Mercury vapor - 175 w	175	0.175	8	42	\$0.125	<b>\$5.25</b>
1	Mercury vapor - 205 w	205	0.205	8	49	\$0.125	<b>\$6.13</b>
1	High Pressure Sodium - 150w	215	0.215	8	52	\$0.125	<b>\$6.50</b>