

APPLIANCE ENERGY USAGE WORKSHEET

Based on 1300 kWh usage per month at CVEC rates

Updated July 11, 2011

Appliance	Average wattage	Average hours used per month	Approx. kWh used per month	Cost/month @ \$0.095 per kWh	Cost/month @11.5¢ per kWh in 2012	Appliance	Average wattage	Average hours used per month	Approx. kWh used per month	Cost/month @ \$0.095 per kWh	Cost/month @11.5¢ per kWh in 2012
Air Conditioner (Room)	900	83	75	\$7.10	\$8.59	Light/Fluorescent (Ballast/4 Tubes)	200	75	15	\$1.43	\$1.73
Air Conditioner ES Save 10%	810	83	67	\$6.39	\$7.73	Microwave	1500	15	23	\$2.14	\$2.59
Attic Fan	370	243	90	\$8.54	\$10.34	Mixer	125	8	1	\$0.10	\$0.12
Bathroom Fan	60	30	2	\$0.17	\$0.21	Printer (Home PC)	400	2	1	\$0.08	\$0.09
Broiler	1140	6	7	\$0.65	\$0.79	Radio	70	100	7	\$0.67	\$0.81
Ceiling Fan	100	300	30	\$2.85	\$3.45	Range w/Self Cleaning Oven	12000	8	96	\$9.12	\$11.04
Central Air Conitioning						Refrigerator (Frostless 16 cu.ft.)	321	467	150	\$14.24	\$17.24
Central Air Conitioning ES Save 14%						Refrigerator as above ES Save 20%	257	467	120	\$11.40	\$13.80
Clock	2	720	1	\$0.14	\$0.17	Refrigerator (Frostless 18 cu.ft.)	615	325	200	\$18.99	\$22.99
Clothes Dryer	5000	15	75	\$7.13	\$8.63	Refrigerator as above ES Save 20%	492	325	160	\$15.19	\$18.39
Clothes Dryer ES Save 30%	3500	15	53	\$4.99	\$6.04	Roaster/Broiler	1400	6	8	\$0.80	\$0.97
Coffee Maker	1500	10	15	\$1.43	\$1.73	Satellite Dish	30	240	7	\$0.68	\$0.83
Computer (Home PC)	500	30	15	\$1.43	\$1.73	Sewing Machine	75	13	1	\$0.09	\$0.11
Curling Iron	350	28	10	\$0.93	\$1.13	Shaver	15	67	1	\$0.10	\$0.12
Dehumidifier	500	150	75	\$7.13	\$8.63	Spa/Jacuzzi	2000	90	180	\$17.10	\$20.70
Dishwasher	1300	15	20	\$1.85	\$2.24	Stereo	100	90	9	\$0.86	\$1.04
Dishwasher ES Save 10%	1170	15	18	\$1.67	\$2.02	Sump/Sewage Pump	500	7	4	\$0.33	\$0.40
1/2" Drill	750	2	2	\$0.14	\$0.17	Table Saw	1800	3	5	\$0.51	\$0.62
DVD Player	35	40	1	\$0.13	\$0.16	Tanning Bed	2400	15	36	\$3.42	\$4.14
Freezer (Frostless 18 cu.ft.)	440	398	175	\$16.64	\$20.14	Television (25 inch color)	200	180	36	\$3.42	\$4.14
Freezer Es as above Save 10%	396	398	158	\$14.97	\$18.12	52 inch LCD Television	300	180	54	\$5.13	\$6.21
Frying Pan	1200	12	14	\$1.37	\$1.66	54 inch Plasma television	599	180	108	\$10.24	\$12.40
Furnace						Toaster	1100	3	3	\$0.31	\$0.38
Furnace ES Save 15%						Toaster Oven	1500	4	6	\$0.57	\$0.69
Furnace Fan	500	108	54	\$5.13	\$6.21	Trash Compactor	400	3	1	\$0.11	\$0.14
Garbage Disposal	450	4	2	\$0.17	\$0.21	Vacuum Cleaner	600	7	4	\$0.40	\$0.48
Hair Dryer	1000	5	5	\$0.48	\$0.58	VCR	20	120	2	\$0.23	\$0.28
Heater (Portable)	1500	180	270	\$25.65	\$31.05	Washing Machine (Cold Wash)	500	18	9	\$0.86	\$1.04
3 Ton Heat Pump (13 Seer)			1108	\$105.25	\$127.33	Water Heater	4500	84	378	\$35.91	\$43.47
3 Ton Heat Pump (15 Seer) ES			857	\$81.41	\$98.50	Water Heater ES Save 15%	4433	84	372	\$35.38	\$42.82
Humidifier	177	79	14	\$1.33	\$1.61	Water Heater (Family of 4)	4500	111	500	\$47.45	\$57.44
Iron	1100	12	13	\$1.25	\$1.52	Water Heater as above ES Save 15%	4433	111	492	\$46.75	\$56.59
Laptop Computer	75	90	7	\$0.64	\$0.78	Well Pump	750	45	34	\$3.21	\$3.88
Light Bulbs (Incandescent 10 hrs.)	100	300	30	\$2.85	\$3.45	Window Fan	200	90	18	\$1.71	\$2.07
Light Bulbs (CFL)	26	300	8	\$0.74	\$0.90	X-Box/Play Station	197	70	14	\$1.31	\$1.59
						Ninetendo Wii	19	70	1	\$0.13	\$0.15

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An additional 20% savings can be achieved for heating and cooling cost with an upgrade to sealing and insulation.

A programmable thermostat can reduce heating and cooling expenses by 10%.

