

# E26 Calculation Chart - November 1, 2008

Based on 1,713 kWh/Month

## TWO PERIOD PLAN

APPLIANCE	WATTAGE	AVERAGE USAGE		AVERAGE HOURS USED PER MONTH	AVERAGE KWH USED PER MONTH	ON-PEAK AVERAGE MONTHLY SUMMER COST	TWO PERIOD PLAN		OFF-PEAK AVERAGE MONTHLY WINTER COST	AVERAGE MONTHLY WINTER COST	
							OFF-PEAK AVERAGE MONTHLY SUMMER COST	AVERAGE MONTHLY SUMMER COST			
<b>HEATING &amp; COOLING</b>											
HEAT PUMP & AIR CONDITIONER											
3-TON SEER 10.0 / HSPF 7.0											
Cooling	4147	10	hrs/day	300	1,244	\$56.98	\$53.98	\$110.97	NA	NA	NA
Heating - heat pump	3587	5	hrs/day	150	538	NA	NA	NA	\$13.55	\$26.17	\$39.71
3-TON SEER 13.0 / HSPF 8.5											
Cooling	3190	10	hrs/day	300	957	\$43.83	\$41.53	\$85.37	NA	NA	NA
Heating - heat pump	3093	5	hrs/day	150	464	NA	NA	NA	\$11.68	\$22.57	\$34.25
3-TON SEER 16.0 / HSPF 9.7											
Cooling	2592	10	hrs/day	300	778	\$35.63	\$33.76	\$69.40	NA	NA	NA
Heating - heat pump	2786	5	hrs/day	150	418	NA	NA	NA	\$10.52	\$20.33	\$30.85
Evaporative Cooler (1/2 hp)											
Fan: 12" Oscillating	30	4	hrs/day	120	4	\$0.18	\$0.17	\$0.36	NA	NA	NA
Fan: Ceiling	75	4	hrs/day	120	9	\$0.41	\$0.39	\$0.80	\$0.23	\$0.44	\$0.66
<b>WATER HEATING</b>	<b>4500</b>	<b>1</b>	<b>hrs/day</b>	<b>30</b>	<b>135</b>	<b>\$6.18</b>	<b>\$5.86</b>	<b>\$12.04</b>	<b>\$3.40</b>	<b>\$6.57</b>	<b>\$9.96</b>
<b>LAUNDRY</b>											
Clothes Dryer - 30 minutes/load	5600	8	loads/wk	16	90	\$4.12	\$3.91	\$8.03	\$2.27	\$4.38	\$6.64
Washing Machine - Top Loading	409	8	loads/wk	16	7	\$0.32	\$0.30	\$0.62	\$0.18	\$0.34	\$0.52
Washing Machine - Front Loading	212	8	loads/wk	16	3	\$0.14	\$0.13	\$0.27	\$0.08	\$0.15	\$0.22
<b>REFRIGERATOR</b>											
Side-by-side, 25 cf, Standard.	---		per month	---	60	\$2.75	\$2.60	\$5.35	\$1.51	\$2.92	\$4.43
Side-by-side, 25 cf, Energy Star	---		per month	---	48	\$2.20	\$2.08	\$4.28	\$1.21	\$2.33	\$3.54
Top freezer 18 cf Standard.	-----		per month	-----	41	\$1.88	\$1.78	\$3.66	\$1.03	\$1.99	\$3.03

Top freezer 18 cf Energy Star	—		per month	—	48	\$2.20	\$2.08	\$4.28	\$1.21	\$2.33	\$3.54
10 - 15 year old, 17 cf	—		per month	—	85	\$3.89	\$3.69	\$7.58	\$2.14	\$4.13	\$6.27
Located outside	—		per month	—	200	\$9.16	\$8.68	\$17.84	\$5.04	\$9.73	\$14.76
<b>FREEZER</b>											
New chest, 15 cf	-----		per month	-----	33	\$1.51	\$1.43	\$2.94	\$0.83	\$1.60	\$2.44
Located outside	—		per month	—	83	\$3.80	\$3.60	\$7.40	\$2.09	\$4.04	\$6.13
New upright, 14 cf	—		per month	—	37	\$1.69	\$1.61	\$3.30	\$0.93	\$1.80	\$2.73
Located outside	—		per month	—	93	\$4.26	\$4.04	\$8.30	\$2.34	\$4.52	\$6.86
<b>RANGE/OVEN</b>											
Range											
Coil 6 inch	1500	30	min/day	15	23	\$1.05	\$1.00	\$2.05	\$0.58	\$1.12	\$1.70
Smooth 6 inch	1500	30	min/day	15	23	\$1.05	\$1.00	\$2.05	\$0.58		
Oven: standard	2585	20	min/day	10	26	\$1.19	\$1.13	\$2.32	\$0.65	\$1.26	\$1.92
Oven: self cleaning	3400	20	min/day	10	34	\$1.56	\$1.48	\$3.03	\$0.86	\$1.65	\$2.51
Microwave Oven	1500	15	min/day	7.5	11	\$0.50	\$0.48	\$0.98	\$0.28	\$0.53	\$0.81
<b>MISC. KITCHEN EQUIPMENT</b>											
Dishwasher	—	4	loads/wk	—	26	\$1.19	\$1.13	\$2.32	\$0.65		
Coffee Maker	1025	1	hrs/day	30	31	\$1.42	\$1.35	\$2.77	\$0.78	\$1.51	\$2.29
Food Processor	300	5	min/day	2.5	1	\$0.05	\$0.04	\$0.09	\$0.03	\$0.05	\$0.07
Crockpot	200	8	hrs/wk	32	6	\$0.27	\$0.26	\$0.54	\$0.15	\$0.29	\$0.44
<b>ENTERTAINMENT</b>											
27" Color TV	80	4	hrs/day	120	10	\$0.46	\$0.43	\$0.89	\$0.25	\$0.49	\$0.74
46" LCD	325	4	hrs/day	120	39	\$1.79	\$1.69	\$3.48	\$0.98	\$1.90	\$2.88
50" Plasma	480	4	hrs/day	120	58	\$2.66	\$2.52	\$5.17	\$1.46	\$2.82	\$4.28
65" DLP	265	4	hrs/day	120	32	\$1.47	\$1.39	\$2.85	\$0.81	\$1.56	\$2.36
Cable Box	20	24	hrs/day	720	14	\$0.64	\$0.61	\$1.25	\$0.35	\$0.68	\$1.03
VCR	12	2	hrs/day	60	1	\$0.05	\$0.04	\$0.09	\$0.03	\$0.05	\$0.07
DVD	14	2	hrs/day	60	1	\$0.05	\$0.04	\$0.09	\$0.03	\$0.05	\$0.07
Home Stereo	100	1	hrs/day	30	3	\$0.14	\$0.13	\$0.27	\$0.08	\$0.15	\$0.22

OFFICE											
Computer	50	2	hrs/day	60	3	\$0.14	\$0.13	\$0.27	\$0.08	\$0.15	\$0.22
Computer monitor - 17"	75	2	hrs/day	60	5	\$0.23	\$0.22	\$0.45	\$0.13	\$0.24	\$0.37
Copier	115	10	min/day	5	1	\$0.05	\$0.04	\$0.09	\$0.03	\$0.05	\$0.07
Printer	45	30	min/day	15	1	\$0.05	\$0.04	\$0.09	\$0.03	\$0.05	\$0.07
Fax Machine	175	1	hrs/day	30	5	\$0.23	\$0.22	\$0.45	\$0.13	\$0.24	\$0.37
MISCELLANEOUS											
Blow Dryer	700	15	min/day	7.5	5	\$0.23	\$0.22	\$0.45	\$0.13	\$0.24	\$0.37
Clock radio	—		per month	—	2	\$0.09	\$0.09	\$0.18	\$0.05	\$0.10	\$0.15
Water bed heater - king	250	3	hrs/day	90	23	\$1.05	\$1.00	\$2.05	\$0.58	\$1.12	\$1.70
Electric Blanket	85	10	hrs/day	300	26	NA	NA	NA	\$0.65	\$1.26	\$1.92
LIGHTING											
Incandescent	60	5	hrs/day	150	9	\$0.41	\$0.39	\$0.80	\$0.23	\$0.44	\$0.66
Compact Fluorescent (18 Watts)	18	5	hrs/day	150	3	\$0.14	\$0.13	\$0.27	\$0.08	\$0.15	\$0.22
Fluorescent (4ft lamps)											
2 Lamp Fixture / Magnetic Ballast	81	5	hrs/day	150	12	\$0.55	\$0.52	\$1.07	\$0.30	\$0.58	\$0.89
2 Lamp Fixture / Electronic Ballast	69	5	hrs/day	150	10	\$0.46	\$0.43	\$0.89	\$0.25	\$0.49	\$0.74
Quartz (400 Watts)	400	1	hrs/day	30	12	\$0.55	\$0.52	\$1.07	\$0.30	\$0.58	\$0.89
Christmas Lights											
Indoor: 50 lights, miniature	30	6	hrs/day	180	5	NA	NA	NA	\$0.13	\$0.24	\$0.37
Outdoor: 25 lights, 7 Watts each	175	6	hrs/day	180	32	NA	NA	NA	\$0.81	\$1.56	\$2.36
POOL/SPA											
Pool Filter (3/4-hp)											
Summer	1450	10	hrs/day	300	435	\$19.92	\$18.88	\$38.80	NA	NA	NA
Winter	1450	8	hrs/day	240	348	NA	NA	NA	\$8.76	\$16.92	\$25.68
Pool Filter (1-hp)											
Summer	1763	10	hrs/day	300	529	\$24.23	\$22.96	\$47.19	NA	NA	NA
Winter	1763	8	hrs/day	240	423	NA	NA	NA	\$10.65	\$20.57	\$31.22
Spa Heater											
Winter	11000	6	hrs/day	180	1,980	NA	NA	NA	\$49.85	\$96.30	\$146.14

Rates Effective November 1, 2008