

# E23 Calculation Chart - November 1, 2008

Based on 1,285 kWh/Month

						<b>BASIC PLAN</b>	
APPLIANCE	WATTAGE	AVERAGE USAGE	AVERAGE HOURS USED PER MONTH	AVERAGE KWH USED PER MONTH	AVERAGE MONTHLY SUMMER COST	AVERAGE MONTHLY WINTER 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	\$129.48	NA	
Heating - heat pump	3587	5 hrs/day	150	538	NA	\$41.30	
3-TON SEER 13.0 / HSPF 8.5							
Cooling	3190	10 hrs/day	300	957	\$99.60	NA	
Heating - heat pump	3093	5 hrs/day	150	464	NA	\$35.62	
3-TON SEER 16.0 / HSPF 9.7							
Cooling	2592	10 hrs/day	300	778	\$80.97	NA	
Heating - heat pump	2786	5 hrs/day	150	418	NA	\$32.08	
Evaporative Cooler (1/2 hp)							
Fan: 12" Oscillating	30	4 hrs/day	120	4	\$0.42	NA	
Fan: Ceiling	75	4 hrs/day	120	9	\$0.94	\$0.69	
<b>WATER HEATING</b>	<b>4500</b>	<b>1 hrs/day</b>	<b>30</b>	<b>135</b>	<b>\$14.05</b>	<b>\$10.36</b>	
<b>LAUNDRY</b>							
Clothes Dryer - 30 minutes/load	5600	8 loads/wk	16	90	\$9.37	\$6.91	
Washing Machine - Top Loading	409	8 loads/wk	16	7	\$0.73	\$0.54	
Washing Machine - Front Loading	212	8 loads/wk	16	3	\$0.31	\$0.23	
<b>REFRIGERATOR</b>							
Side-by-side, 25 cf, Standard.	-----	per month	-----	60	\$6.24	\$4.61	
Side-by-side, 25 cf, Energy Star	---	per month	---	48	\$5.00	\$3.68	
Top freezer 18 cf Standard.	---	per month	---	41	\$4.27	\$3.15	
Top freezer 18 cf Energy Star	---	per month	---	48	\$5.00	\$3.68	
10 - 15 year old, 17 cf	---	per month	---	85	\$8.85	\$6.52	
Located outside	-----	per month	-----	200	\$20.82	\$6.52	
<b>FREEZER</b>							
New chest, 15 cf	---	per month	---	33	\$3.43	\$2.53	
Located outside	---	per month	---	83	\$8.64	\$2.53	
New upright, 14 cf	---	per month	---	37	\$3.85	\$2.84	
Located outside	---	per month	---	93	\$9.68	\$2.84	

RANGE/OVEN							
Range							
Coil 6 inch	1500	30	min/day	15	23	\$2.39	\$1.77
Smooth 6 inch	1500	30	min/day	15	23	\$2.39	\$1.77
Oven: standard	2585	20	min/day	10	26	\$2.71	\$2.00
Oven: self cleaning	3400	20	min/day	10	34	\$3.54	\$2.61
Microwave Oven	1500	15	min/day	7.5	11	\$1.14	\$0.84
MISC. KITCHEN EQUIPMENT							
Dishwasher	—	4	loads/wk	—	26	\$2.71	\$2.00
Coffee Maker	1025	1	hrs/day	30	31	\$3.23	\$2.38
Food Processor	300	5	min/day	2.5	1	\$0.10	\$0.08
Crockpot	200	8	hrs/wk	32	6	\$0.62	\$0.46
ENTERTAINMENT							
27" Color TV	80	4	hrs/day	120	10	\$1.04	\$0.77
46" LCD	325	4	hrs/day	120	39	\$4.06	\$2.99
50" Plasma	480	4	hrs/day	120	58	\$6.04	\$4.45
65" DLP	265	4	hrs/day	120	32	\$3.33	\$2.46
Cable Box	20	24	hrs/day	720	14	\$1.46	\$1.07
VCR	12	2	hrs/day	60	1	\$0.10	\$0.08
DVD	14	2	hrs/day	60	1	\$0.10	\$0.08
Home Stereo	100	1	hrs/day	30	3	\$0.31	\$0.23
OFFICE							
Computer	50	2	hrs/day	60	3	\$0.31	\$0.23
Computer monitor - 17"	75	2	hrs/day	60	5	\$0.52	\$0.38
Copier	115	10	min/day	5	1	\$0.10	\$0.08
Printer	45	30	min/day	15	1	\$0.10	\$0.08
Fax Machine	175	1	hrs/day	30	5	\$0.52	\$0.38
MISCELLANEOUS							
Blow Dryer	1500	15	min/day	7.5	11	\$1.14	\$0.84
Clock radio	—		per month	—	2	\$0.21	\$0.15
Water bed heater - king	250	3	hrs/day	90	23	\$2.39	\$1.77
Electric Blanket	85	10	hrs/day	300	26	NA	\$2.00
LIGHTING							
Incandescent	60	5	hrs/day	150	9	\$0.94	\$0.69
Compact Fluorescent (18 Watts)	18	5	hrs/day	150	3	\$0.31	\$0.23
Fluorescent (4ft lamps)							
2 Lamp Fixture / Magnetic Ballast	81	5	hrs/day	150	12	\$1.25	\$0.92
2 Lamp Fixture / Electronic Ballast	69	5	hrs/day	150	10	\$1.04	\$0.77
Quartz (400 Watts)	400	1	hrs/day	30	12	\$1.25	\$0.92

Christmas Lights							
Indoor: 50 lights, miniature	30	6	hrs/day	180	5	NA	\$0.38
Outdoor: 25 lights, 7 Watts each	175	6	hrs/day	180	32	NA	\$2.46
<b>POOL/SPA</b>							
Pool Filter (3/4-hp)							
Summer	1450	10	hrs/day	300	435	\$45.27	NA
Winter	1450	8	hrs/day	240	348	NA	\$26.71
Pool Filter (1-hp)							
Summer	1763	10	hrs/day	300	529	\$55.06	NA
Winter	1763	8	hrs/day	240	423	NA	\$32.47
Spa Heater							
Winter	11000	6	hrs/day	180	1,980	NA	\$151.98

Rates Effective November 1, 2008