

Electric Home Appliance Consumption and Cost

Roseville Electric 2014

APPLIANCE	TYPICAL WATTAGE	ESTIMATED CONSUM	MPTION	ESTIMATED COST		
HEATING & AIR CONDITIONER						
OLD CENTRAL AIR CONDITIONING						
1,500 SQ. FT. HOME	6,000	6.0 kWh	PER HOUR	\$0.65-\$1.04	PER HOUR	
2,500 SQ. FT. HOME	10,000	10.0 kWh	PER HOUR	\$1.09-\$1.74	PER HOUR	
NEW CENTRAL AIR CONDITIONING						
1,500 SQ. FT. HOME	3,000	3.0 kWh	PER HOUR	\$0.33-\$0.52	PER HOUR	
2,500 SQ. FT. HOME	5,000	5.0 kWh	PER HOUR	\$0.55-\$0.87	PER HOUR	
WINDOW/ROOM AIR CONDITIONER						
12,000 BTU=1 TON	2,000/TON	2.0 kWh	PER HOUR	\$0.22-\$0.35	PER HOUR	
FURNACE FAN	600	0.6 kWh	PER HOUR	\$0.07-\$0.10	PER HOUR	
CEILING FAN	175	0.2 kWh	PER HOUR	\$0.02-\$0.03	PER HOUR	
ATTIC FAN	350	0.4 kWh	PER HOUR	\$0.04-\$0.06	PER HOUR	
WINDOW/BOX FAN	200	0.2 kWh	PER HOUR	\$0.02-\$0.03	PER HOUR	
SPACE HEATER	1,500	1.5 kWh	PER HOUR	\$0.16-\$0.26	PER HOUR	
ELECTRIC BLANKET	175	1.0 kWh	PER NIGHT	\$0.11-\$0.17	PER NIGHT	
DEHUMIDIFIER	250	0.3 kWh	PER HOUR	\$0.03-\$0.04	PER HOUR	
WATER HEATING						
ELECTRIC WATER HEATER	4,500	5.0 kWh	PER DAY PER PERSON	\$0.55-\$0.87	PER DAY PER PERSON	
WATERBED	1,500	110.0 kWh	PER MONTH	\$11.99-\$19.12	PER MONTH	
KITCHEN						
REFRIGERATOR/FREEZER						
FROST FREE	600	5.6 kWh	PER DAY	\$0.62-\$0.97	PER DAY	
MANUAL DEFROST	300	2.1 kWh	PER DAY	\$0.23-\$0.37	PER DAY	
FREEZER						
FROST FREE	450	6.1 kWh	PER DAY	\$0.67-\$1.06	PER DAY	
MANUAL DEFROST	350	4.5 kWh	PER DAY	\$0.49-\$0.78	PER DAY	
WINE REFRIGERATOR	200	1.4 kWh	PER DAY	\$0.15-\$0.24	PER DAY	
BEER DISPENSER	195	1.4 kWh	PER DAY	\$0.15-\$0.24	PER DAY	
DISHWASHER	1,200	1.0 kWh	PER LOAD	\$0.11-\$0.17	PER LOAD	
RANGE/OVEN						
SELF-CLEANING OVEN	10,000	15.0 kWh	PER CLEAN	\$1.64-\$2.61	PER CLEAN	

CONTINUED ON BACK



APPLIANCE	TYPICAL WATTAGE	ESTIMATED CONSUM	PTION	ESTIMATED COST	
KITCHEN (CONTINUED)					
STANDARD OVEN	10,000	10.0 kWh	PER HOUR	\$1.09-\$1.74	PER HOUR
BROILER	8,300	8.3 kWh	PER HOUR	\$0.90-\$1.44	PER HOUR
LARGE SURFACE BURNER	2,400	2.4 kWh	PER HOUR	\$0.26-\$0.42	PER HOUR
SMALL SURFACE BURNER	1,300	1.3 kWh	PER HOUR	\$0.14-\$0.23	PER HOUR
CONVECTION OVEN	4,000	4.0 kWh	PER HOUR	\$0.44-\$0.71	PER HOUR
BROILER	3,000	3.0 kWh	PER HOUR	\$0.33-\$0.53	PER HOUR
MICROWAVE	1,000	1.0 kWh	PER HOUR	\$0.11-\$0.18	PER HOUR
ELECTRIC FRYING PAN	1,200	1.20 kWh	PER HOUR	\$0.13-\$0.21	PER HOUR
TOASTER	1,200	0.04 kWh	PER SERVING	* TO \$0.01	PER SERVING
GARBAGE DISPOSAL	450	0.01 kWh	PER DAY	*	PER DAY @ 1 MIN. PER DAY
BLENDER	350	0.35 kWh	PER HOUR	\$0.04-\$0.06	PER HOUR
COFFEE MAKER	900	0.20 kWh	PER DAY	\$0.02-\$0.04	PER DAY
TRASH COMPACTOR	450	0.10 kWh	PER LOAD	\$0.01-\$0.02	PER LOAD
CLOTHES					
CLOTHES DRYER	5,000	3.70 kWh	PER LOAD	\$0.41-\$0.65	PER LOAD
CLOTHES WASHER	250	0.15 kWh	PER LOAD	\$0.02-\$0.03	PER LOAD
GAS CLOTHES DRYER	250	0.15 kWh	PER LOAD	\$0.02-\$0.03	PER LOAD (ELECTRIC ONLY)
LIGHTING					
INCANDESCENT	100	0.10 kWh	PER HOUR	\$0.11-\$0.18	PER 10 HOURS
	75	0.08 kWh	PER HOUR	\$0.08-\$0.13	PER 10 HOURS
	60	0.06 kWh	PER HOUR	\$0.07-\$0.11	PER 10 HOURS
	40	0.04 kWh	PER HOUR	\$0.04-\$0.07	PER 10 HOURS
FLUORESCENT (CFL)	27	0.03 kWh	PER HOUR	\$0.03-\$0.05	PER 10 HOURS
	18	0.02 kWh	PER HOUR	\$0.02-\$0.03	PER 10 HOURS
	13	0.01 kWh	PER HOUR	\$0.01-\$0.02	PER 10 HOURS
	9	0.01 kWh	PER HOUR	\$0.01-\$0.01	PER 10 HOURS
KITCHEN FIXTURE (4 FLUOR. TUBES)	160	0.16 kWh	PER HOUR	\$0.18-\$0.28	PER 10 HOURS
HALOGEN	300	0.30 kWh	PER HOUR	\$0.33-\$0.53	PER 10 HOURS
OTHER					
TELEVISION	200	0.20 kWh	PER HOUR	\$0.02-\$0.04	PER HOUR
LCD TV-40 INCHES	240	0.24 kWh	PER HOUR	\$0.03-\$0.04	PER HOUR
STANDBY	3	0.07 kWh	PER DAY	\$0.01-\$0.01	PER DAY
DVD	10	0.01 kWh	PER HOUR	*	PER HOUR
STANDBY (ENERGY STAR)	2	0.05 kWh	PER DAY	* TO \$0.01	PER DAY
VCR	200	0.20 kWh	PER HOUR	\$0.02-\$0.04	PER HOUR
STEREO-RADIO	150	0.15 kWh	PER HOUR	\$0.02-\$0.03	PER HOUR
STANDBY	2	0.05 kWh	PER DAY	* TO \$0.01	PER DAY
COMPUTER TOWER WITH MONITOR	260	0.26 kWh	PER HOUR	\$0.03-\$0.05	PER HOUR
POOL FILTER-1 HORSE POWER	745	0.75 kWh	PER HOUR	\$0.08-\$0.13	PER HOUR
SPA HEATER	1,500	1.50 kWh	PER HOUR	\$0.17-\$0.26	PER HOUR

NOTE: ESTIMATED CONSUMPTION IS BASED ON AN AVERAGE APPLIANCE AND PROPER OPERATION.

^{*} IS LESS THEN A PENNY.

RATES (EFFECTIVE JULY 1, 2013)				
CONSUMPTION CHARGE:	TIER I (FIRST 500 KWH)	\$0.1024/kWh		
	TIER II (> 500 KWH)	\$0.1476/kWh		
	TIER III (> 1000 KWH)	\$0.1672/kWh		
CUSTOMER CHARGE:		\$18.00/MONTH		
HYDROELECTRIC ADJUSTMENT:		\$0.00348/kWh		
CALIFORNIA RENEWABLE ENERGY SURCHARGE:		\$0.0067/kWh		
CALIFORNIA GREENHOUSE GAS SURCHARGE:		\$0.0002/kWh		
STATE ENERGY SURCHARGE:		\$0.00029/KWh		