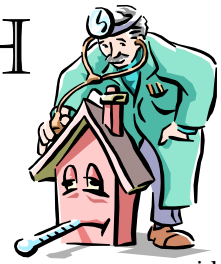




TO ALL CITY OF UKIAH UTILITY CUSTOMERS



The City of Ukiah Customer Service Department would like to take this opportunity to assist our customers with some simple conservation tips. High utility bills can be reduced. The suggestions provided below are cost effective and they help reduce the amount of energy you use. You are always welcome to call our office at 463-6228 for additional advise and more information about our Customer Services that may help with your bill.

- **Thermostat** - Set your thermostat at 68° or lower during the day. Turn it down to 55° at night when your family is sleeping or out for more than 4 hours. You increase operating costs 5% every time you raise the thermostat 2 degrees. If the thermostat is near a window, keep the window closed. Close off heating or cooling to rooms and areas that don't need it.
- **Check Your Furnace** - Keep your furnace clean, lubricated and properly adjusted.
- **Utilize Solar Heating** - Use insulating shutters or drapes and open them during the day & let the sun (when it's out) heat your home. Close your drapes at night to hold in the heat.
- **Check your Water Heater** - Heating water accounts for about 15% of all the energy we use in our homes!! Your water heater continues to heat your water even when you are gone for long periods of time and aren't using any hot water. ***Insulating blankets and timers are economical ways to reduce these costs.*** Most water heaters are set for 140°F or higher. You may not need water that hot unless you have a dishwasher. A setting of 120°F can provide adequate hot water for most families.
- **Fireplace Dampers** - Now is the time to inspect and clean stoves and fireplaces, if you haven't already. Dampers should remain closed when your fireplace is not in use. Try not to use heaters while you are using your fireplace.
- **Lights Out** - Turn lights off when you leave the room. Using dimmer switches or timers can not only extend the life of your light bulbs but also use less energy.
- **Fluorescent Lights** - These lights provide three times the light for the same amount of electricity as incandescent bulbs. They are economical for baths and kitchens. Fluorescents can last sixteen times as long as incandescents and produce less waste heat (12,000 hours versus 750 hours).
- **Insulate Windows** - Use clear plastic sheets to insulate windows during the heating season. About 15% of the energy you use for heating your home goes to warming up air that leaks in through the cracks!! Caulking and weather stripping your windows can keep the cold air out and warm air in.
- **Ceiling Fans** - Ceiling fans consume as little energy as a 60 watt light bulb. Ceiling fans can save energy in the winter as well as the summer. The secret: run them in "reverse". This pushes warm air caught near the ceiling down to where you can feel it.
- **Refrigerator** - Did you know that your refrigerator accounts for 25% of your electric use? By keeping an eye on the temperature, you can keep a lid on your overall energy use. The refrigerator should be set between 38° and 42°F and the freezer between 0° and 5°. Cool hot dishes for at least an hour before you store them. Also, refrigerator coils build up dust and pet hair that makes the appliance "work harder" to keep food cold. Pull the refrigerator away from the wall and give it a good cleaning with the vacuum.
- **The Original Solar Clothes Dryer** - Your clothesline will help with your conservation efforts. It will save you 100% of the energy otherwise consumed by your gas or electric dryer. This could amount to between 5% and 12% of your average electric bill.

CUSTOMER SERVICES

UKIAH C.A.R.E.S. program has three different programs to assist eligible households with their electric bills. Discounts for Senior Citizens and eligible families can save you money every month. Our temporary emergency financial assistance is available to help you pay up to \$350 every year toward your electric charges!! To pre-qualify over the phone, call **468-9577** today.

H.E.A.P. offers additional financial assistance to eligible households. Call **1 (800) 233-4480** for more information.

BUDGET BILLING - To avoid being affected by fluctuations in seasonal changes or longer meter reading cycles, budget billing will average your most recent twelve-month period into one set payment amount. Our office staff can set you up today by calling **463-6228**. Some restrictions apply.

MEDICAL LIFE SUPPORT BASELINE ALLOWANCE - if you or a family member requires more electricity to operate a lifesaving device, you may be eligible to have more electricity at our discounted rate. Call for an application today.

SPOT THE BIG SPENDERS

Residential Energy Consumption

<u>APPLIANCE</u>	<u>TYPE</u>	<u>ESTIMATED ENERGY USE*</u>	<u>ESTIMATED ENERGY COST**</u>
<u>HEATING</u>			
Space Heating, Gas:	Small Furnace (60,000Btu)	.6 therms per hour	.36/hour
	Large Furnace (100,000Btu)	1 therm per hour	.60/hour
Space Heating, Electric:	Portable Heater (1500 watt)	1.5 kWh per hour	.18/hour
	Baseboard Heater (6ft. Unit)	3 kWh per hour	.36/hour
	Furnace (10kw)	10 kWh per hour	\$1.20/hour
	Heat Pump (2.5 ton)	3 - 5 kWh per hour	.36-.60/hour
	Window/wall (110 volt)	1.5 kWh per hour	.18/hour
<u>AIR CONDITIONER</u>	Window/wall (220 volt)	2.6 kWh per hour	.31/hour
	Central (3 Ton)	4.5 kWh per hour	.55/hour
	Portable Fan	.2 kWh per hour	.024/hour - (.01-.07/hour)
	Electric	300-400 kWh per month	\$20 - \$70/month
	Gas	20 - 30 therms per month	\$7 - \$19/month
<u>WATER HEATING</u>			
<u>(includes all uses)</u>			
<u>LIGHTING</u>	Heat pump water heater	175-225 kWh per month	\$21 - \$27/month
	General household	50 - 200 kWh per month	\$6 - \$24/month
<u>REFRIGERATOR</u>	Refrigerator, frost-free, 16 cu.ft.	100-150 kWh per month	\$12 - \$18/month
	Refrigerator, frost-free, 20 cu.ft.	115-180 kWh per month	\$13 - \$22/month
	Refrigerator, manual defrost, 10 cu.ft.	35 - 60 kWh per month	\$4 - \$8/month
<u>FREEZER</u>	Freezer, frost-free, 15 cu.ft.	70 - 150 kWh per month	\$8 - \$18/month
	Freezer, manual, 15 cu.ft.	40 - 90 kWh per month	\$5 - \$11/month
<u>LAUNDRY</u>	Clothes Dryer, Electric	5 kWh per load	.65/load
	Clothes Dryer, Gas	.22 therm	.19/load
	Steam Iron (hand)	1 kWh per hour	.11/hour
	Washing Machine*** Cold Water only, 50 gallons	.25 kWh per load	.03 - .07/load
	Warm wash, cold rinse	.11 therms, .25 kWh/load	.10/load
<u>HOUSEHOLD</u>	Hot wash, warm rinse	.33 therms, .25 kWh/load	.23/load
	Clock	2 kWh per month	.24/month
	Coffee maker (per brew)	.12 kWh per brew	.01/brew
	Deep fryer, electric	1 kWh per hour	.12/hour
	Dishwasher***		
	Normal cycle	1 kWh per load	.23/load
	Energy saver cycle	.5 kWh per load	.13/load
	Electric Blanket Twin	.5 kWh per night	.06/night
	Double/Queen	.75 kWh per night	.09/night
	King	1 kWh per night	.12/night
	Frying pan, electric	1 kWh per hour	.12/hour
	Hair Dryer (1200 watt)	1.2 kWh per hour	.14/hour
	Microwave oven	.1 kWh per 5 minutes	.15/hour
	Night Light .4 watt (on 24 hours)	3 kWh per month	.36/month
	Personal Computer		.01 - .02/hour
	Range, electric: Oven	1.33 kWh per hour	.16/hour
	Surface	1.25 kWh per hour	.15/hour
	Self-cleaning feature	6 kWh per cleaning	.72/cleaning
	Range, gas (pilotless): Oven	.09 therm per hour	.05/hour
	Surface	.07 therm per hour	.04/hour
	Self-cleaning feature	.50 therm per cleaning	.30/cleaning
	Stereo system	2 kWh per hour	.02/hour
	Toaster	.08 kWh per use	.01/use
	Toaster oven, electric portable	.50 kWh per hour	.06/hour
	T.V., color	.23 kWh per hour	.03/hour
	VCR or Nintendo Deck		Less than .01/hour
<u>SWIMMING POOL</u>	Waffle Iron (3-4 servings)	.33 kWh per use	.04/use
	Sweep Pump (3/4 HP)	1 kWh per hour	.12/hour
	Filter Pump (1 2 HP - 2 HP)	1.5 - 2 kWh per hour	.12 - .18/hour
	Gas Heater (400,000 Btu)	4 therms per hour	\$2.40/hour
<u>SPA</u>	Electric Heater (1500 watt)	1.5 kWh per hour	.18/hour
	Electric Heater (5500 - 11,000 watt)	5.5 - 11 kWh per hour	.66 - \$1.32/hour
	Gas Heater (75,000 Btu)	.75 therms per hour	.45/hour

* Estimated energy use is based on average operation and weather conditions. Your particular use can vary based on lifestyle and dwelling differences.

** Estimated costs based on \$.12 per kWh and \$.60 per therm. These costs do not take into consideration over Baseline Rates of \$.15321 per kWh.

*** Estimates are based on gas water heating. Add \$.35 per load for electric water heat.

KNOWING WHERE YOUR ENERGY DOLLAR GOES CAN HELP YOU BETTER CONTROL YOUR UTILITY BILL