

PLEASANT VALLEY WIND PROJECT

FACTS: Currently Washington City purchases some of their Green Power from the Pleasant Valley Wind Project located in Wyoming. This wind farm has 80 1.8 megawatts Vestas wind turbines. Each turbine is 200 feet tall with a blade more than 125 feet long.

BENEFITS: Because wind is a sustainable source of energy, it does not deplete the world's natural resources. Wind turbines are quiet and wind farms are compatible with agricultural uses. This helps farmers use their property for multiple uses.

Using wind as a source of energy helps the environment because there is no smog and zero carbon dioxide emissions, so it is clean energy.

Wind is also the least expensive of all the energy sources, costing between \$0.09 to \$0.11 per kWhr.

FOR MORE INFORMATION

The Internet is a great source for finding information about energy conservation. Here are a few suggested sites.

- www.washingtoncity.org
- www.epa.gov/greenpower
- www.eere.energy.gov/greenpower
- www.energyhog.org
- www.energystar.gov



WASHINGTON CITY POWER
YOUR POWER COMPANY
 WASHINGTONCITY.ORG/POWER
 (435) 656-6329



POWER DEPARTMENT



GREEN POWER PROGRAM

Green Power is an environmental friendly way to produce energy. Green Power comes from hydropower plants, wind farms, solar panels, and various other sources. In an effort to purchase power from these more environmentally friendly sources, the City has implemented this program. It allows customers to voluntarily opt to buy power from a renewable source.



SOLAR POWER

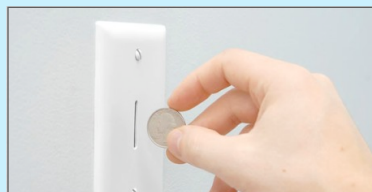
Solar panels can help you decrease the amount of power purchased from your utility company. During daylight hours, your panels collect light and change transform it into usable energy. If you use less energy than the panels are making, then the extra power will bank to be used later. Solar panels can help reduce your power bill by creating the power you would have purchased.

Rebates

- Rebates
- Up to \$6,000 City rebates
- Up to \$2,000 State rebates
- Up to

SIMPLE WAYS TO CONSERVE ENERGY

- Buy a power strip and plug all components into the power strip. When you turn off the power strip, it is truly turned off.
- Unplug rarely used appliances/electronics.
- Repair leaky faucets-two drops per second can waste over 200 gallons of water per month.
- Use the energy saver setting on your dishwasher and air dry when time allows.
- Keep lint and filters and vent hoses clean.
- Use cold or warm water for laundry.
- Caulk, seal, and weather-strip all seams, cracks and openings to the outside.
- Turn lights off when not in use.
- Clean lights and light fixtures. You may not need as many lights, if the fixtures are clean.
- Have your HVAC systems serviced.
- Clean and replace furnace and A/C filters monthly. This will make it easier for your system to run.
- If your water heater tank is hot or warm, it needs a blanket or wrap for insulation.
- Use motion-sensors, timers, or solar cells lights outside.
- Use energy efficient light bulbs.

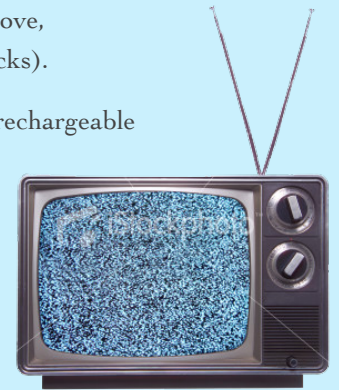


PHANTOM LOAD - WHAT IS IT?

A “phantom load” is any appliance or electronic gizmo that uses energy even when turned off. They are also known as “vampire appliances” or “energy vampires”.

WHAT APPLIANCES OR ELECTRONICS ARE PHANTOM LOADERS?

- Electronics with remote controls (TV's, VCR's, audio equipment).
- Anything with a continuous display (Stove, Microwaves, Clocks).
- Electronics with rechargeable batteries (Cordless Phones)
- Appliances with external power



COMMON HOUSEHOLD ITEMS TYPICAL MONTHLY ELECTRICITY USE	
REFRIGERATOR	500 KWH
DISHWASHER (3 LOADS/WK)	44 KWH
SMALL TELEVISION (CRT)	36 KWH
COMPUTER/MONITOR	11 KWH
HAIR DRYER	9 KWH