

## Dedicated to the reduced use of fossil fuels through:

- Energy Conservation
- Energy Efficiency
- Renewable Energy Sources
- Recycling
- Buying Local Products
- Education



Formed by the Missoula City Council in May, 2004.

## Why reduce the use of fossil fuels?

- Most renewable energy supplies are produced domestically and have a positive economic impact.
- Fossil fuels are finite.
- Renewable energy can reduce our dependence on foreign oil and increase our national security.
- Fossil fuels pollute the air we breathe.
- Carbon dioxide released by the combustion of fossil fuels causes climate change.

## What Can Missoula Residents do?

- Purchase fuel efficient vehicles.
- Require that new buildings be energy efficient .
- Insulate your current home.
- Install efficient heating systems.
- Conserve hot water.
- Choose energy efficient lighting.
- Install a programmable thermostat.
- Get a home energy audit.
- Request and purchase green power.
- Use alternative fuels such as biodiesel.
- Minimize and consolidate vehicle trips around town.
- Walk and pedal.
- Shut down electrical devices when not in use.
- Purchase energy efficient appliances.
- Purchase items that last.
- Recycle cardboard, plastics, metals, etc
- Compost.
- Plant Montana native trees.
- Dry clothes on a line rather than a dryer.
- Reduce air travel.
- Buy local products.
- Get involved and work for reduced fossil fuel use.

# Missoula's Energy Choices

➤➤➤ Missoula Greenhouse Gas Energy Conservation Team



Missoula Fire Department Station #4  
Photovoltaic Panels

Working to Reduce the Need for Finite Fossil Fuels

**Energy conservation is *good business!***

## Missoula's Greenhouse Gas Energy Conservation Team

On June 17<sup>th</sup>, 1996, the city of Missoula joined other concerned and visionary cities by participating in the Cities for Climate Protection Campaign. Missoula developed a local action plan that was passed by the City Council on May 10, 2004. As part of the plan, the city created the Greenhouse Gas Energy Conservation Team.

The objective of the Greenhouse Gas Energy Conservation Team is to aid in the community-wide education and communication of energy efficiency and power generation opportunities that minimize greenhouse gas emissions. With a membership from diverse business sectors, the Team researches the latest ideas and technologies in order to advise City Council on the ways and means to lead the effort.

## Energy and Greenhouse Gases

Conservation of resources and protection of the environment in the Missoula Valley is important to us as individual citizens, as community members, as civic and business leaders, as employers and as employees.

Missoula has enjoyed and been chal-

lenged by dynamic growth in the past 20 years. This growth has brought a rich blend of cultural and economic diversity that makes Missoula a fantastic place to live and raise families. However, it has also served to challenge our ability to provide services and infrastructure in a manner that maintains a pristine environment for us to live in without spoiling the essence of what it is to live in Montana.



Energy use and development is an important element in the management of our environmental resources in Missoula. By focusing on efficient utilization of finite energy resources, i.e. fossil fuels (gas, diesel, fuel oil, natural gas, etc.) and electricity in heating, lighting, manufacturing, transportation, communications, and recreation, to name a few, we can minimize our "footprint" on our environment while maximizing our quality of life as citizens.

A very important effect of energy efficiency is the beneficial reduction of CO<sub>2</sub> greenhouse gas emissions.

## What has Missoula Done?

Missoulians have taken several measures to reduce fossil fuel use and reduce greenhouse gas emissions. Listed below are a few measures taken.

- \* Missoula has ratified the Kyoto Protocol for cities.
- \* Photovoltaic cells at fire station #4.
- \* Photovoltaic cells at City Hall.
- \* Energy efficient Light Emitting Diode street lamps.
- \* Expanded non-motorized facilities through out the community.
- \* Several homes and apartment buildings built are very energy efficient.
- \* Many municipal buildings have been made more efficient.
- \* The Way to Go commuter club has prevented the release of 3.5 million lbs of CO<sub>2</sub>.
- \* Mountain Line summer youth ride free program.
- \* Biodiesel is used by the city and throughout the community.
- \* Ethanol is used as the winter time fuel oxygenate in Missoula.
- \* Small wind power turbine installed.

### Missoula Greenhouse Gas Energy Conservation Team

City of Missoula

<http://>

[www.co.missoula.mt.us/](http://www.co.missoula.mt.us/)

[EnvHealth/AirQ/airindex.html](http://EnvHealth/AirQ/airindex.html)

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