

GLOBAL WARMING OR CLIMATE CHANGE?

By Angelos Backus

My article "[Global warming or global cooling?](#)"intimidated many of Al Gore's Kool-aid drinkers to rephrase their theme "Global Warming" to "Climate change". Changing the name of their theme doesn't mean that they changed their thinking. Their new theme relates to their initiatives of wind power, and electric automobiles. Ironically, these initiatives will be the cause of climate change!

In accordance with the first [law of thermal dynamics](#), energy can not be created or destroyed. However, energy can be converted to another form. It is this unwariness of energy conservation by Al Gore and his uninformed followers that has perpetuated the alarmist notion of "global warming".

Let's analyze wind power...

Wind is created by the potential difference of two or more atmospheric area conditions. One area being under the influence of low pressure, and the other under the influence of higher pressure. Furthermore, in accordance with the second law of thermal dynamics, energy moves from high to low levels until it reaches equilibrium. This is a natural climatic condition, caused by the planet's geographic and oceanographic composition. These happenings are vital in maintaining the Earth's climatic conditions.

Let's analyze windmills...

A typical windmill is made up by an electric producing generator powered by three attached metal blades that are as big as a large size tour bus. By attempting to visualize the movement of three buses, one could imagine how much energy would be required. The amount of [foot pound](#) of wind energy will be converted to kinetic energy, and only 75% of that can be converted to electrical energy. That converted energy is no longer wind power, therefore, we have detracted the amount needed to fulfill the natural wind movement determined by the potential difference. This obstruction will cause a man-made undetermined climatic condition. This may alter the established natural habitat and geographic evolution in specific areas.

Example:

By hanging a piece of tissue about (5) five feet away and letting out a blast of air, we can see that we can easily make the tissue move. Again we are going to repeat the above steps, but this time we will attempt to move the tissue at the same time as spinning [a paper or plastic wind mill](#) with the same blast of air. Much of our wind power was consumed by the wind mill, and the tissue had less movement, if any.

Now, lets talk about electric powered automobiles...

We keep hearing how electric powered automobiles will decrease pollution, and save energy.

Here again, [the laws of conservation of energy](#) have been ignored.

Question number one:

From what form of energy was electrical energy converted?

Fossil fuel? Nuclear? Or what? No matter from the energy source, we can never harvest 100% of the original potential energy. A minimum of 25% will be wasted during transformation, storage, and transportation (*remember the other law "nothing is free!"*). How about the expense and the effects of pollution from the implementation of construction, production, conversion, transportation, and storage of the potential electric energy? How can we then say that the electric powered transportation vehicle will be more efficient and more "environmentally friendly"?

Question number two:

What are we going to do with the solid, and extremely toxic chemical waste of batteries, isolation materials, cables, and the additional necessary contributing metals (copper, aluminum etc.) and lacquers? Aren't our landfills at a catastrophic limit already?