

Global Warming & Oil Crises

*The purpose of this article is **six-fold** and includes the following:*

*1. To expand the reader's knowledge regarding two intimately related major problems facing the **U.S./world**, today, causing **Global Warming** and wildly escalating Oil Costs;*

*2. To introduce several little-mentioned data and suppositions, which **impact** or impose other problems, to the existing ones: Enclosed herein are seldom, if ever-heard facts, which can produce serious side effects!*

*3. To describe the author's thoughts, including those never-before heard or published possible causative factors. **FIRST** and foremost the World's population explosion is mainly responsible;*

*That reason, is exacerbated by the mechanization of the world powers, (especially **China** and **India**, the two most populated countries in the world) , striving to improve the quality of life, for **THEIR** people;*

*4. To suggest precautions and rules, to improve and maintain safe use of yet-to-be-built nuclear-energy facilities, (**atomic-energy plants**), as well as **retro-fitting** previously opened and running, facilities. Further, in addition thereto, it is an absolutely necessity, for the **U.S. Government**, to **LEAD the WAY**, installing renewable-energy systems, in the **USA**, starting, **NOW (1983)**.*

*5. To provide the reader with resources, for further accessing relevant information, regarding the material presented herein. This includes the link to **UP-TO-DATE**, world-wide, **WIND ENERGY NEWS**, (via **Google**) .*

*6. Nature's answer to the earth being heated, mainly because of the world-population explosion, exacerbated by man's release of "**Greenhouse Gasses**", are explained herein!*

Former Vice-President Al Gore, (the **45th Vice-President of the United States, 1993-2001**), appeared in an Academy-awarded Film, "**An Inconvenient Truth**", in (2006). This was followed by a best-selling book of the same name. He cited the perils earth is facing, primarily because of **Greenhouse Gases**, being emitted from the **industrializing** of the world's nations. This is in search for a better life, for their people.

This paper is meant to challenge Vice President Gore's contention that **MAN** is mainly responsible for "**CLIMATE WARMING**". This paper will reveal and introduce some **little-mentioned facts**, **data** and **suppositions**, which **impact**, or **produce those effects**, such as follows:

The ever-rising, outrageous elevation of gasoline/energy prices, has now (**July, 2008**), made its ugly truth apparent, to **ALL** the common people, throughout the whole world.

Some things must be changed, to meet the major problem of dwindling oil supplies! **NO** country, on the planet, is immune to the deleterious effects of the sky-rocketing oil prices.

The effects of melting polar ice-caps, is looked upon with fear, instead of joy, as divulged herein. Checks and balances are wisely looked after by.... The most reliable source in the world.... **Nature!**

According to the **U.S. Census Bureau**, the “total population of the world, projected **Feb. 23, 2008**”, (the date of that writing), was **6,652,468, 457**. (You can **NEVER** get an exact amount, because the world population increases by a **NET GAIN** of **(2)** people, every second). Therefore, as soon as you write it, the next second, it has changed/increased!

According to “**The Harvest Fields**” Statistics – **2007** Edition, the **WORLD** population (in **2006**), was increasing by approximately **71,000,000** a year. It is constantly accelerating the rate of additional increases. (**Note:** per this author, **(2)** people per second, translates to approximately **62,415,360** year). At this point a **9,000,000** people difference is **NOT** much!

REMEMBER, THROUGHOUT THE FOLLOWING DATA: AT LEAST 2 PEOPLE PER SECOND, TRANSLATES TO AT LEAST AN EXTRA, 62,415,360 PEOPLE PER YEAR!

Therefore, in the last **(10)** years, the world population has increased by **more than (624)** million people. In conjunction with that increase, consider the following seemingly insignificant, never-thought-of-before, energy outputs:

Since the normal person’s body temperature is approximately **(98.6) degrees F**, all their functioning bodies give off heat. Have you ever been in a crowded enclosure, with **NO** air conditioning?

Do you want to **house** those people? The northern regions of the world need heat in their homes. Heat always flows from hot to cold. In their heated homes, heat is always escaping into the atmosphere.

Have you ever seen houses without storm windows, with ice formed on the windows ? How about roofs on homes, with snow on one part, with portions adjacent to them, having **NO** snow? It is readily apparent, that energy-use generated heat, must be escaping to the atmosphere!

NOTE: My **Mom & Dad** were both born in **Monteguto, Italy**, (**Dad** in **1888**, **Mom** in **1903**). They told me, it was **NOT** unusual for people to reside in the **2nd** story of a house, while animals were housed on the ground floor. Many times, this was in lieu of, the necessity to heat the house by **wood/coal/gas**.

This was because they did **NOT** have the money for the coal or gas. Wood was **NOT** available in copious amounts. The heat generated and released by the animals, rose (by convection), to the upper floor, (where the people were living). It ... **DID ...** do the job.

An article in Popular Science, (July 2008), Page 45, entitled “**Hot Bodies**”, cites Swedish engineer, **Karl Sundholm**, as saying: “The average person generates (60) Watts of electricity, just lying around, and about (100) Watts, hustling for a train”. He expects “heat, generated by 250,000 commuters, will supply up to 15 % of the heating needs, for a building next door”.

Do you want to feed, (world-wide), all those **EXTRA** people ? You must raise **EXTRA** amounts of animals for food, for those **EXTRA** people. (Hmmm, remember, the **EXTRA** animals give off **EXCESS** heat also)!

Do **NOT** forget to **add** the flatulence of the animals, (listed as components of “**Greenhouse Gases**”), to the industry-related gasses, being released into the atmosphere, also. As the population increases, the need for **MORE** plants and vegetables also are needed.

That requires the use of mechanized/animal-assisted/use of equipment. Each system is then, contributing its share of heat, (to be released, into the atmosphere).

Now, we have recovered the **EXTRA** agriculture and meat just described. **IT** must be prepared, processed and shipped somewhere, **City/State/Country**. This, of course, generates, (**ADDITIONAL**), oil-consuming, heating resources, as well as the gasses, resulting therefrom.

As the standard of living for the people rises, there is a need for **MORE** personal transportation for themselves, as well as for equipment operation. This **INCREASES** the amount of gases emitted, for an **ADDITIONAL** release of **GREENHOUSE** gasses). How about the **EXTRA** heat, which is released into the atmosphere, responsible for the production and emission of those gasses ?

Friction, created in the normal operation, of mechanized equipment, itself released from heat-generating facilities, causes great amounts of heat to be generated. At some point these miniscule amounts of **BTUs**, (multiplied **Quadrillions** if not ...**Quintillions...** of times per day), will be **RELEASED** into the atmosphere !

Warm climate/cold climate, there is an increasing **EXTRA** amount of heat, caused by an ever-expanding population. This in turn, causes, (**AGAIN**), an enormous amount of heat to be released, in the normal operation, of the **EXTRA** vehicles required, in pursuit of **THEIR** better live s!

Getting tired of all the uses of “**EXTRA**” herein! The point of all the miniscule mentions of **generation/releases** of heat, multiplied by the growing number of humans, (**62+**) million/year and growing, is obviously, **NOT insignificant!**

Years ago, one of the first T V Tube plants I set up, (**out of six**), had need for an air-compressor. Besides being very noisy, there just was **NOT** enough room to put the unit, (and the storage tank), in the plant proper. Putting it outside the plant, solved both problem.

But, in the cold weather, the oil in the compressor would get very thick (**VISCOUS**). Besides the wear and tear on the compressor, (which was **NOT** new in the first place), it then required much more electric current, to get it working, **AND**, to keep it working.

Then when, there was enough air in the tank, the unit automatically shut it self off. When the air-pressure went down to a certain level, the unit started up again, to replenish the compressed air used.

By then, the oil had cooled again and thereby thickened into its undesirable viscous state, waiting to be called upon, to compress more air. Besides **inflating** the electric bill, it had the disconcerting habit, that it was constantly blowing fuses (whenever more than one electric-motor operated device in the plant, tried to start at the same time as the compressor motor).

Note: When the average AC motor is started, (under normal circumstances), it uses **(3)** times the normal current to start-up. Under **cold-weather** circumstances, using **(4)** or **more** times the current, to start up, should **NOT** be discounted. **Additionally**, it absolutely uses more electricity in normal running, (until the oil thins out), **(X)** amount of times per day!

The inconvenience of **NOT** knowing the fuse blew was only discovered, when there was **NOT** enough air-pressure to do the assigned job at hand. This was **exacerbated even further**, by the fact, that to properly do the job, we now had to wait, while the compressor built up the pressure again.

The problem was easily and economically **solved**, by simply placing the compressor outside the building, together with a 60 Watt electric bulb, in a closed-box configuration. That **60** Watt bulb, generated **enough** heat in the enclosure, so the oil did **NOT** thicken. In warm weather, the bulb had to be turned off, because, the **EXTRA** heat it generated, caused the electric motor to get too hot!

Now that we have discussed heat-releasing capabilities of **EXTRA** people AND the need for additional agriculture, to cultivate, transport and feed them, people need one more **vital resource** to **sustain life**. There is an **urgent need** for yet an additional amount of water, (every day), to supply all those people!

More thoughts/things to think about! An hypothesis in the **ALTERNATE** thinking, might be, that a possible beneficial, **NOT** deleterious, if **NOT** equalizing world temperatures, effected by the melting ice-caps, is offered ... **next**.

There may be un-thought of, never-before addressed reasons, why all the heat, from the earth-residents, is being released into the atmosphere. In conjunction with the **GREENHOUSE GASES**, we now **know**, that all the **EXTRA** heat generated by humanity, has **assisted** in causing large parts of our Solar Cap, to melt into the oceans!

On the whole, this **Ice/Snow** from the **Polar Caps**, is now readily available as **EXTRA** water in the **eco-sphere**. In **Antarctica** alone, the ice in spots, is nearly **(3) miles thick!** At the present time, (**April 2008**), it is being returned to the seas, **FREE** of salt and minerals, thru the processes of **melting/evaporation** and **precipitation/condensation!**

NOTE: The **thickest ice** in the world, almost **(3) miles thick (15,669 ft-4,776 Meters)**, is located in **Wilkes Land**, (an island in the eastern part of **Antarctica**). The continent's average thickness is about **7,000** feet thick. It contains approx **(30)** million square miles, [**(5)** Million cubic feet], of ice. It is estimated that **70%** of the world's fresh water, is in **Antarctica**, in the form of ice or snow! The temperature there, **rarely** exceeds freezing!

Nature has provided a number of checks and balances to the welfare of the earth, such as:

1. **Carbon dioxide**, from man-made generated uses, is released into the atmosphere. **The oceans will absorb and store much of the carbon dioxide, aided and abetted by plants!**
2. The **ice/snow**, covering the Antarctica Continent is melting! **Doom-Sayers avow, water levels throughout the world, will rise catastrophically, because the oceans are gradually warming up, from the "Greenhouse Effect".**

Nature provides the expected rising water-level, with (5) counter-acting actions:

1. **The melting of the ice, covering the Antarctica Continent, will cause that Continent to rise! If all the ice melted, the entire Antarctica mass/(sheet) of Ice & Snow, (larger than the continent itself), would cause the continent itself, to rise another 1,500 feet higher, above sea level! The sea-level, to some extent, will tend to lower (adjust), as the mass originally displaced, may now allow water to fill that area, the mass just rose/vacated!**
2. **The melting action of the ice/snow, will tend to make the water cooler, in which the ice/snow melted**
3. **Because the water is being cooled, it is better able to retain the carbon dioxide it took into itself, thereby mitigating the release of those gasses, (causing the greenhouse effect)!**

4. In that way, the **ADDITIONAL** pure, fresh water, will enter into the world's salt-water oceans. The **EXTRA** water will then be available to enter/merge into the earth's rain-pattern. It will also become available, to assist in augmenting water-storage media!

5. Extra water in the eco-sphere will provide more water to be stored in the atmosphere, which then provides:

(a.) More high **cloud cover**, **inhibits** the amount of sun reaching the earth proper, while low cloud cover tends to keep the heat in!

(b) More **clouds carry more water**, to be deposited on the earth, in various forms of precipitation

(c) More **precipitation, creates more cooling, by the power of evaporation**

Conclusion: the just-stated truisms would tend to cause a moderation of temperatures, (**cooling effect**), for the entire earth

(Popular Science), in the (1930s/40s), **hypothesizing/anticipating**, that the icebergs breaking off from the polar caps, (**in the future**), could be towed into Southern ports. This would be as an **ADDITIONAL** source of life-giving, **potable water**, for earth's population. (**Man/ Beast/Agriculture**).

This scenario was theorized, because the population was ever-growing, faster and faster, [**then about (3) Billion**]. Thereby, the article, rightly **anticipated**, a future **GREATER**, need for fresh, life-giving water, for the earth's **ever-increasing** inhabitants! From **1938 to 2008, (70 years)**, earth's population has **increased (doubled,)** to over **(6) Billion people**. The next doubling of the population to **12 Billion people**, will be in less than **70 years!**

This **POLAR-STORED**, pure water source, was meant, by **MOTHER NATURE**, to supply **EXTRA** water, for all the **EXTRA** people on earth, for **eons**, yet to come. **Unfortunately**, another problem, caused by the melting of the Polar Ice Caps, is that land, (islands), barely above sea-level, may be detrimentally impacted, also. Many low-lying areas, around the world, will disappear, and/or become subject to, recurring flood problems. But these problems **CAN** and **WILL** be surmounted!

Of course, what comes to mind **NOW**, is the flooding of **New Orleans, (Hurricane Katrina, Aug 29, 2005)**. I am sure, **Holland** will also be severely impacted. Many islands in the **(7)** seas, will dip below the waves, thus presenting an additional danger to sea-going vessels.

In the meantime, back to where **Man**, might be able to help himself, stretch out the **FINITE** oil supplies. This is a much more pressing problem than **Greenhouse gases! IF** there is **NO** oil-supplied energy, then there will be, **FEW** Greenhouse gases released!

HELP! Here is a scenario that needs a lot of thinking! The warming temperatures, while supplying more water for the world's populace, is now being blamed for producing record-setting droughts, and other inclement weather, world-wide!

NOTE: See the **Reader's Digest May 2008, P120 to P131**, authored by **Joseph K. Vetter**. At the very end of the article, he writes: *"There is a lesson everyone can take to heart. After all, when it comes to another vital resource, oil, we can at least imagine a world powered by solar panels, windmills, and other energy sources. But water, is one substance we can't live without."*

With an inexhaustible energy supply, in the future, we **CAN** join **hydrogen** with **oxygen** and **synthesize** water. In fact, some car-makers are already doing that. **All** cars, that run on **hydrogen**, exhume droplets of water, from their tail-pipes, **INSTEAD** of **planet-warming gasses/noxious fumes!**

Note. Oil, being pumped from northern regions, (such as the **Alaskan oil** pipeline), to easily accessible sites, should be imitated, as follows: **Florida**, **replaces renews** beaches, by removing sand, (by pipe-line), from the bottom of the waters, a mile or so, beyond the beach coastline. This demonstrates another way man can help nature, ease water distribution problems. At the same time, it will help in **minimizing** the flooding of coastlines.

Example: By pipeline, transfer the oceans water to **Arizona**, or other **hot, open areas**, where the blazing sun will evaporate the water sent to it. This will make the water available to the eco-sphere, as well as doing its part in countering the flooding of low-lying areas around the globe! Chemical engineers can decide how to **use/recover**, the minerals left behind, on the ground, where the water was evaporated.

In **1983**, as **Chairman of the Passaic County (N.J.) Energy Commission**, I suggested, to **President Carter** and other certain high government, elected officials, my view as to the **EASING** of the emerging energy dilemma. I actually developed my theory, relative thereto, in **1980**.

It was a comprehensive **(8)**-page analysis, of what the **U.S.**, (**NOT** the County, **NOR** even what the State was doing), and what **SHOULD be done, poste haste, in 1983**. I did receive an answer. Unfortunately, my submission was **NOT** gratefully accepted, but was in fact, **ill-received**. For more info, see Page **(15)** herein.

More information will be found in my published book, **©1978 The Ideal Educational System/Two Teachers in Every Classroom, Pages 86–89**, printed **Feb 2008**. See the following **excerpt**, which is written in the Book, or go to www.cifaldi.org.

Excerpt from Carmine Cifaldi Pedigree:

1983 Appointed Chairman of Passaic County, N.J. Energy Commission. Served for (6), months, then resigned. I notified the Carter Administration (& every Presidents' administration thereafter), of what I would do to ease, if NOT solve, the Energy problems facing the U.S. See the original official calling card, County-sealed.

NUCLEAR ENERGY!

Because of the Three Mile Island accident in 1979, and exacerbated by another disaster at Chernobyl, Russia, in 1986, the fears and argument against nuclear-energy-use, stymied any/ALL new facilities. in the U.S., (as well as other countries), for far too many years! In view of the (2) nuclear breakdowns, new ways to preclude those catastrophic events, should have been sought.

Right now, (July, 2008), the only way to avoid "Oil Armageddon", is through a dedicated resolve, to accelerate safe use of non-oil-generated, (renewable-energy), sources, supplies/systems. Recently, increased pressures, brought on by rapidly-increasing oil prices, in collaboration with new designs of Atomic Energy facilities, is to try again.

The Sun, and its dynamic energy-producing alternate powers, (Solar, wind, tidal, wave-generated waters, Geo-thermal, (INEXHAUSTIBLE heat SUPPLY from INSIDE the EARTH), tidal-differential movements, water-temperature differential), WILL BE AVAILABLE FOREVER! See: author's Hybrid Solar Heating System, residing in the U.S. Patent Office archives, U.S. Patent # 6,372,978 B1, granted April 16, 2002, ... listing, ... compliments of Google.

The most powerful energy-producer, Atomic Energy, should be encouraged. First, it should be made safe, NOT, abandoned! Geo-thermal-generated energies, also, should NOT be ignored.

France, (the world leader with [59] plants), has boldly gone ahead, in supplying the highest percent (75+ %), (in the world), of Atomic- ATOMIC ENERGY-generated electricity. France has shown, that it CAN be done, safely! They actually EXPORT about 18 % of the electricity, they generate, (2008).

France, starting from an 75+% Atomic electricity-generation is probably seeking any/all RENEWABLE-energy sources, in reaching for the final 25 %, of energy-generation from non-oil sources. That could be accomplished by using any of the renewable -energy source(s), (as just discussed), OR any combination thereof, in concert with energy-saving equipment/uses !

Spain generates more electricity from wind, in their country, than that of any other source, including Atomic Energy.

WISHFUL THINKING: If the United States derived 75+ % of ITS electricity from Atomic

Energy, instead of oil costing the U.S. (2007), (700) Billion per year, it would only have cost approximately (175) Billion! Consequently, that would have created a downward pressure on the cost per barrel, so the cost would be lower still.

(More about Atomic Energy)

Precautions for the safe operation of **Nuclear Energy** plants {never-before made public}, which might be modified, for renewing the applications for the construction & use of additional nuclear power plants, are hereby suggested:

A new **nuclear** design-installation should include a **triple (3)** set of **automatically-triggered, shut-down systems**. Failure, of any (1) of these systems, should be able to shut down the system, or otherwise put it on hold, (if such is possible), till re-mediated. Existing, operating **Nuclear Plants**, should be retrofitted, or at least have an added shut-down, **fail-safe system**, installed.

Further, all Nuclear facilities, should be under guard 24/365, by **armed, Federal** or **State - Employees**. The (3) automatic **shut-down systems** should be able to be tested, on an individual basis.

Such tests should be **mandated** to occur, **once a month**, by the operator(s) of the facility, under the watchfulness of a competent, governmental employee/inspector. Each month, there should be a rotation of Governmental Inspectors, so that each Inspector, may be the watcher of any (1) nuclear plant, **NO** more than, once a year.

BACK TO GLOBAL WARMING/OIL CRISES!

The author's theory, for a temporary **easing of oil woes**, relative to the way to proceed, is with the installation and use of **Hybrid Solar** heating systems/devices. This was presented, by the author, alone, **IN PERSON**, during a one hour, **face-to-face** meeting, with the (3) highest officials in one State Government. The disclosure consisted, of the following items:

1. Let all (3) branches of Government, **lead by example**. Starting with the **Federal Government**, followed by the **State Government**, (in the 1983 case, I wanted the **State** to start first). Lastly, the Local Government, **ALL**, should equip governmental buildings, with some form or another, of renewable-energy recovery system(s). See www/CiFALDI.ORG
2. At least (2) different forms of **renewable-energy** systems should be used, or at least (1) Hybrid System, (for which I received a Patent). Instead of bolstering my credibility, that indeed, I might be an **expert** in energy-related matters, they just assumed, I was a hack! Among my credentials, was my actual manufacture & installation of an hybrid solar-heating system, on a building, in **N. J.,...** (later patented).

This, (unlike the appointment of political hacks, who had **NO knowledge** of energy technology. Because of pressure by people who **appointed me**, to **appoint their hacks**, was the reason why I resigned after only **6** months of service.

That led to my appointment as personal energy advisor to a State Senator, a N.J. State Assemblyman, and the County Freeholder Director, (see my Website for the Official letter of appointment, from the Passaic County, N.J. Freeholder Director, as HIS personal advisor).

My appointment as Chairman of the Passaic County Energy Commission, was unanimously approved, by a 7-0 vote by the (7) Freeholders, (4) Democrats and (3) Republicans), (see the official County calling-card, on my Website).

On a Federal & even a State-level, and even though I was a Governmental employee, who might know, what he is talking about, ... ALL my efforts were/are, still, in vain!

3. The plan was, as the energy-use costs, start to decline, in those buildings, (despite rising oil costs!), offer the value of money saved, to ordinary citizens, as tax credits. The public themselves, would then be assisted in defraying installation costs, to their own buildings. Those buildings owned by PRIVATELY-OWNED entities or business organizations, would/should, also be encouraged/rewarded.

A meaningful outgrowth of increased production of renewable-energy equipment, leads to what is known in business, as "ECONOMIES OF SCALE". The MORE units produced, the LESS the cost for each one.. That is because there are certain costs which are FIXED ... NO matter how many units are produced!

NOTE: See a small beginning, dated Feb 25, 2008 herein, re a Popular Science article, April 2008, ... "The 50 Greenest Cities in the U.S.".

4. Coupling this advantage, with TAX CREDITS FROM the Government, for the individual home-owner, such will produce a BENEFICIAL SNOW-BALLING effect. While this alone, will NOT SOLVE the energy crisis, (because oil IS a finite resource), it would be coupled with the increased use of atomic-energy-produced electricity.

This should give us enough time, (a hundred years?), to perfect the "MAGIC BULLET", the ultimate energy source, hydrogen, (derived from the ever-burgeoning oceans).

5. A way WILL/MUST, be found to harness FUSION power, (as practiced by the SUN), which uses the hydrogen, (locked-in/part of every drop of water), as a fuel. **Note:** Currently, technology/Conservation of Energy, does NOT/can NOT, allow such a process to be found.

But, notwithstanding that fact, IF a way could be found, it would be similar to that, which harnessed the FISSION of the atom, (SPLITTING of the atom), commonly known as "atomic energy"). See how the Television broadcast system, got around the Double Quadruple problem, (including the definition), in cifaldi.org

Further, we should still, keep advancing technology, which would be able to create LESS

energy-consuming modes of transportation/**vehicles**/**devices**/**equipment**!

See **“PICK A NUMBER”** at the end of this document!

6. To date, **Sept., 2008**, the federal government has **gifted Hundreds of Billion of Dollars**, to the richest companies in the world, in the hope that they would come up with, the **“magic bullet”**. Many Universities/Colleges and gifted individuals, (who were rightly recipients), also received those types of funds!

Next, here is some information, re the culprit, behind both of our problems: **Oil & Global Warming** ! **OPEC 1971**, a labeled, **“CARTEL”**, **IS** composed of the following Countries.:

They have regular meetings in **Vienna, Austria**. There are a total **(12)** **Algeria, Iran, Venezuela, Kuwait, Libya, Nigeria, Saudi Arabia, Qatar, Angola, Ecuador, United Arab Emirates & Iraq** . **Indonesia, pulled out, in 2008.**

Note: Under **U.S. law**, when a company (like **AT&T in 1984**), **controlled too much** of a product or service, such would be considered a **“MONOPOLY”**. The Government would then move to break it up, [into **(7)** smaller monopolies ...companies].

Since then, there were mergers and other maneuvers, which legally allowed the remaining companies, to have **VIRTUAL monopolies**, in different regions of the **U.S./world**.

? What is the difference between a **MONOPOLY**, such as (**AT&T, Standard Oil were**), and a **CARTEL**, which (**OPEC**) is ... **NOW?** My guess is that a **CARTEL** is a **MONOPOLY**, which the United States can **NOT** control.

NOTE: The people of the **U.S.** have a chance to mount a serious challenge to the **current telephone monopolies!** It could come from the groundwork of a **U.S. law** enacted/entitled, **“The Telecommunications Act of 1997”**.

Any entity may be recognized as a **“Telephone Company”**, under certain conditions. See my Patent **#5,703,636, High Resolution Communication System**, as filed/**granted** in the Patent Office compliments of **GOOGLE**.

It would be under the aegis of the **©1978 The Ideal Educational System/Two Teachers in Every Classroom**, unified communication-network. The fact is, that **NOW, ALL** School systems, in any City, using my system (**TTEC**), **MAY qualify** for that status.

The book, revealing all relative necessities, published **Feb. 2008**, contains much more, additional, relevant information. It could also be found on the following Website **Home Page** at: **CIFALDI.ORG**, Klik on **Files**, then Klik on, **TTEC 92 Page Update**.

The author thereof, has **suggested/predicted**, that his Educational System, as outlined in the book, (or on the Website), will eventually be adopted!

The background which led to all the foregoing, had its roots in the television industry. See: "How to Manufacture B & W Picture Tubes", authored by **Carmine Cifaldi** in **Wikibooks** and /or, in www.Cifaldi.org .

(BACK TO THE WORLD'S GLOBAL-WARMING/ENERGY CRISES).

Actually, Oil prices fluctuated, **UP & DOWN**, since **1948**, because of, the then current events, such as, [**Yom Kippur War/Oil Embargo, (1973), Iranian Revolution 1978/1979, Iraq/Iran War of 1980, etc.**].

The **U.S.** government's attempt to control world oil prices, by limiting prices of domestically-produced oil, in the long run, was an utter disaster. Moreover, it **PROVED** that the **U.S.** was only a minor producer of oil, and could **NOT** control, **NOR** influence. prices.

Therefore, **OPEC** could do **whatever** it wanted, **whenever** it wanted, with **NO** reason(s) proffered, for such price escalation(s). For proof that there is **NOTHING** the **U.S.** can do about any price rise, **OPEC** would/could charge, or evidence thereof: **LOOK AT THE WILD PRICE FLUCTUATIONS OF GASOLINE, (WORLD-WIDE), IN 2007 TO 2009!**

In **1977**, the **U.S.** Government passed legislation, authorizing the creation, storage and stockpiling of **(1)** Billion gallons of oil, called a "**Strategic Reserve**". This is done, in immense "**Salt Dome**" caverns, in the **U.S.**, along the **Gulf of Mexico** coastline.

ADDING to a **U.S. Strategic Reserve**, would have absolutely **NO** effect on price, public daily consumption **NOR** effective **public-energy** use. At various times, the **U.S.** has released small amounts of oil, for varying reasons. The latest release, was in the aftermath of **Hurricane Katrina** in **(2005)**

Statistics: As at **May 8, 2008**, - re the **U.S. Dept of Energy**, recorded that there are **(702.7)** Millions of barrels in the **Strategic Reserve**. We are using, in excess of **(22)** million barrels/day of oil, therefore theoretically, the **Strategic Reserve**, is only enough for an unrestricted use of, **(32)** days .

The problem gets **even BIGGER**, in that, there are **(42)** Gallons of Oil in a Barrel. One barrel of oil, can only make **(19.5)** gallons of gasoline. Therefore, the **(702.7)** Million barrels, could only make **(326.26)** Millions Gallons of Gasoline. How-ever, the **U.S.** is now **(2008)**, using **390,000,000** gal, **(9,186,000)** barrels/day, of gasoline.

In a time of **WAR**, when Oil would be more precious than gold, that **Strategic Reserve** **WOULD** keep military forces well-supplied, in the immediate short term! Perhaps, **THAT** is the **REAL** reason, for a **Strategic Reserve**- (of which **I approve**)! This would do little for public use

Additionally, we **DO** have production of oil in our country (circa **2007**), of **(5.1)** Million Barrels per day. This is the only oil, we **CAN really** count on. Oil from other sources, could certainly help, but can **NOT** be absolutely relied on!

Generally-speaking, the **ROLLER-COASTER** ride, started like this: In the late **1970s**, **OPEC** doubled the cost of oil, from **\$5.00/bbl**, to **\$10.00**/barrel.

NOTE: At that time, the U.S. government was regulating oil prices at **\$5.00/** barrel, for domestically-produced oil. This resulted in the **stupid pricing-arrangement**, which had foreign-oil costing the **U.S. \$10.00/Barrel**, while domestic oil was kept at **\$5.00**/barrel!

A **U.S.** oil industry spokesman said, **“Give us \$10.00/barrel, and we will give you all the oil you want”!** That statement appeared in the newspapers!

The stated reason, **EXCUSE**, for the foreign oil prices, was that production of oil was slowing in existing wells. New wells would have to be found and drilled. Existing pipelines & equipment needs renewal/upgrading. (Now, in **2008**, records show, that indeed, **that is the case**)! **ALL** countries, including the **U.S.**, are beginning to report the same. thing, Circa **2007/2008**.

We need **MORE** oil exploration, but certain organizations are stymieing search **EFFORTS**, **NOT** to drill, because of preservation issues, purported wildlife considerations, and other ridiculous reasons. **UPDATE:** In July **2008**, **Pres Bush 11**, sent a bill to Congress, authorizing off-shore drilling.

There are still those people who do **NOT** approve of said action. They do **NOT** seem to understand, that their positions, are, (however noble they think they are), creating/ contributing to the **MISERY**, being forced on the people, who can least afford it. These high oil prices are lowering our standard of living.

I believe that **NONE** of these objectors are on welfare, **NOR** a fixed, (insufficient), income.

NOTE: New oil formations in non-contested sections of the **U.S.**, are constantly being sought. When found, they should be developed, at **ANY** price.. The **“hand-writing is on the wall”**. (April **2008**) ... **STOP TALKING** **Start Doing** !

During the Carter Administration, **OPEC** then quadrupled the cost of oil, from **\$10.00/** barrel to **\$40.00**/barrel. The stated reason **EXCUSE**. All the Western goods were getting too expensive.

They needed more money to buy the barest necessities ...such as **airplanes, tanks, luxury goods** and **palaces**. Moreover, donations to organizations, that hate the **U.S.**, will continue to do harm us, (**World Trade Center, (9/11)**), wherever/whenever, they can!

The **real reason**, for that drastic price increase was, according to Washington insiders, was that a then-leading **U.S.** statesman, **counseled** the **Saudi's**, to do so. Then, the **Saudi's** could buy more warfare equipment, from the best & leading producer of those goods in the world, ...the **U.S.** As the **FAULTY** reasoning contended, the **U.S.** would get its money back, **AND** the increased business would be good for the **U.S.** economy!

Subsequent events, showed that without American spare parts and maintenance, much of the equipment, (especially the advanced fighter aircraft), turned out to be useless. It was a waste of money, for the Arab nations, who purchased them. They found, when they needed them, they would **NOT work** as promised!

Oil prices continued to rise, (**NOT** so slowly, **BUT** (at an ever-faster than the rate of inflation), at a constantly-accelerating rate. The stated reason ... **EXCUSE** ... More new refineries **must** be built to keep up with the growth in demand.. In the **1990s**, the Oil producers continued to raise prices to **\$60.00**/barrel, (and ever-climbing).

The Oil producers' stated reasons: ... **EXCUSES** ... wages, costs of living, expenses were climbing. The wages of the Oil company's executive officers were **NOT** high enough. How can we expect them to live on a measly **\$1,000,000.00** a year, (**or more**), **without** their **mansions, servants, Rolls-Royce limousines, etc.**

In the early **2,000s**, oil rose to **\$80.00**/barrel. The stated reasons: **EXCUSES** ... **NOT** enough refining capacity... and then **OPEC** is **NOT** producing at full capacity.

In April of **2008**, oil prices climbed from **\$100.00**/ barrel, up to a high of **\$120.00**/barrel. The stated reason **EXCUSES: China, India**, and **3rd** world nations, are increasing their oil consumption, by ever-increasing amounts.. Of course, the **U.S.**, (user of **25%** of the world's oil), rose, also!

Nonetheless, **U.S.** Oil Companies were showing **RECORDS of PROFITS**, as much as **(9)** Billion Dollars per quarter, (that is a **NET PROFIT**, of **36** Billion per year), **AFTER** taxes, expenses, perks etc. They say, that has **NOTHING** to do with the **HIGH** price of gasoline at the pump. At this writing, approaching, **\$4.00**/gallon, (probably on its way to **\$5.00**/gal). **uh huh!**

THE BEST EXCUSE YET

Here it is ! (circa **2008**), it has been widely reported in the Newspapers and on T.V., by numerous sources , that unscrupulous people. are buying up "**Oil-Futures**", solely to

increase their own wealth. **"THEY"**, are the **real reason**, for the escalating prices.

DID you get that right? So, **BECAUSE** some people can make a lot of money, the AVERAGE PERSON, (in America), has to see his way of life ... **degraded, instead** of becoming better. The financially-challenged people, can't afford the continual rising prices, (**of EVERY-THING**), above and beyond natural causes.

Where are our elected officials, who promised, if elected, would watch over our welfare, and **better** our way of life, or at the very least, preserve, what we have striven to **EARN ?**

Depending on the **"VOGUE-OF-THE-DAY"**, ... here are some of the scenarios which have been promulgated : **OPEC is gouging!** ...The Oil companies are **gouging!** ... Motor vehicles are a large part of the problem(s)!... Industry is the problem **CHINA & INDIA** are a **large part of the problem!** Here comes another one!

UPDATE 7-22-2008

CNN Money.com, through reporter **Ben Rooney**, staff writer, quotes **Gal Luft**, **Director for the Analysis of Global Security**, as saying: **"Prices are escalating, because OPEC fails to increase output"**. **Mr Rooney** also writes: **"OPEC is a monopoly"** (I am glad someone else, besides myself, puts that in print)!

Americans, who currently are the **largest users**, of the world's oil supply, are **too wasteful**, therefore, that is a **large part of the problem!** ... The **U.S. Government** is **NOT** doing enough to solve the energy crisis. **THAT**, is the largest part of the problem(s)! Undoubtedly, **ALL** are contributing factors.

In the mean time, the price of **food, heating, housing, prescriptions, hospitals, medical-care, gasoline, etc.**, are forcing limited-income people to decide on their own personal choices. Further, fill prescriptions, or tough it out ... What ever ails you came by itself ... maybe, it will go away, by itself.

AGAIN! Where are those elected officials, who promised, if elected, would watch over our welfare. They would **better** our way of life, or at the very least, preserve, what we have striven to **EARN?**

Had promises been kept, Hundreds of Billions of **dollars** of taxes, paid by the poor and middle-class people, (as well as industry), would **NOT** have been necessary. Moreover, the strength of our dollar and our standard of living would be far above, what it is today (**April 2008**).

The final result(s), **as usual**, the poor and the middle class, are being hit the hardest. What is the difference, to people earning **\$100,000.00/ yr.**, for gas to fill up their car(s), costing **\$40.00** or **\$60.00?** Even **\$100.00** (circa July, 2008), is **NOT** a problem for them!

People living on a barely sustainable, **FIXED-INCOME**.... say **\$300.00** week income, AND **LESS**, are probably **NOT** going to use the car that much any more.. They need that money for **ABSOLUTE NECESSITIES** **housing, food, medicine, children, and heat.**

This is **NOT** a Democratic/Republican finger-pointing. Both parties, are equally culpable, since the **1st** Oil crisis, starting with the **Ex-President, James Carter administration.**

As **Chairman, of the Passaic County Energy Commission), [New Jersey],** I ADDRESSED, to (**President Carter, personally**), an extremely comprehensive **8-Page** document on this subject. It outlined in great detail, how **HE**, as the leader of the United States, should combat the ever-increasing price of oil.

HIS Administration with its **know-it-all, (doing nothing)**, energy officials, sent me a **6-page** return letter. They acknowledged and agreed with most of my submissions, ... even praising me for such an important contribution. On the **6th** and final page, I was **SHOCKED** to read, that his people wrote words to the effect: **“I should mind the business of Passaic County, New Jersey. THEY were handling that, of the Federal Government”!**

The **Carter administration’s** attention, to the incipient stage, and continuing oil crisis. was **ZERO! History has recorded that fact!** (It seems, that the former president knows, **NOW**, how to fix the **world’s problems.** He did **NOT** address those problems, when **he** had the power to do so!

NOTE: Unfortunately, **HE** also routinely criticizes sitting Presidents. Let history disclose **HIS** handling, (**DO NOTHING**), tenure as president!

On **Feb 25, 2008 Proofs**, validity of part of my vision, for renewable energy/**energy-demand-lowering-systems** initiatives, which I **advocated** in **1981**, finally are emerging. **Namely**, that the Governments, (**Federal, State, Regional, Municipal**), should **“LEAD BY EXAMPLE”**, has actually, recently, been taken by, a number of **LOCAL/CITY Governments.**

This has been **documented**, as nicely **demonstrated** in the **Popular Science, March 2008, Volume 272 #3, Pages 51-59**, entitled the **50 GREENEST CITIES**, (in the U.S.).

During the month of **July, 2008**, there appeared on many T.V. stations, that a wind-powered energy program, is to be initiated by a former oil-man, **T. Boone Pickens.** He is using his own personal wealth (as a **BILLIONAIRE**), to erect a large **“Wind-Farm”.**

It will, in fact, **double** the amount of electricity derived from the wind, in all of the U.S., as of that date.. Once the program is up & running, (est. **2010**), not only will **Mr. Pickens** help to wean the U.S. from oil imports, but **he will make a lot of money also.**

This is exactly what I counseled the **Federal/State** Government(s) to do!
except, PASS THE SAVINGS ON TO THE PEOPLE ! !

The wildly escalating effect of gasoline prices, fueled by the constantly rising oil costs, has **FORCED** many local governments, to adopt small energy-saving projects. The local governments do **NOT** have the money, tax-powers, the **State** and the **Federal Government** do! However, as this paper has demonstrated, small amounts of anything, repeated many, many times, **DOES** indeed produce meaningful amounts, of that **product/use !**

This does **NOT** relieve the **Federal Government** of its responsibility, to **LEAD THE WAY...** in a meaningful manner, at **LEAST** as big, as **Mr. Pickens'** effort.

A "**Manhattan-project**", or putting "**a man on the moon, in this decade**" **EFFORT**, is absolutely called for. It **IS VITAL**, for the poor of our country, in fact
(in many cases, a life-saving necessity)!

Please **CONTACT** your Congressmen/Senators/ Governors/ Government Officials, and urge them, to **SET AN EXAMPLE**, BY **LEADING THE WAY, (LEAD BY EXAMPLE)**, TO **ENERGY-RELIEF**. This undoubtedly would **LEAD TO LOWER TAXES**, and a **healthier economy/nation!**

Had my recommendations been **implemented**, starting in the **1980s**, prices of oil would surely be **LOWER**, resulting in **lower living/related costs**, than they are : (updated **7-14-2008**: ... **\$134.00** ... PER **BARREL**)! Additional relevant information may be found on the **Cifaldi.org** Website

DO WE HAVE TO WAIT ANOTHER 30 YEARS, FOR YET ANOTHER WAKE/UPCALL?

How many more **30-year** periods, do we have left, **before** we run out of oil, or, oil reaches a **THOUSAND**, (**\$1,000.00**), dollars a Barrel ! ? !

PICK YOUR OWN NUMBERS

NOTE: Back in the **1930's**, with oil at **\$5.00** a barrel, only a deranged person, could envision oil at **\$100.00/barrel!** **Technically:** Later, oil rose to **\$25.00/ Barrel** in **2002**. In just **(6)** years, the price to now, (**2008**), has risen almost **(6)** times.

How high will the price of oil go ? **\$200.00 ... \$300.00 \$500.00 ...\$700.00 ...1,000.00 per barrel.** **PICK YOUR OWN NUMBER**, before the following scenario, takes place:

WARNING! At a point, when oil would be approaching **\$1,000.00/barrel**, **WAR**, among nations, seeking to maintain life, for their people/way of life, is ... **NOT** ... out of the question, in fact, a realistic **PROBABILITY !**

Dictatorial nations, unlike those of Democratic governments, will have **NO** qualms about having their armed forces, occupy **oil-producing sites**, even States, to assure **survivor-ability**, for their people, to their newly-found way, of a better life.

Needless to say, so many nations, (circa **2008**), and more on the way, are seeking/possessing nuclear weapons, (and even **thermo-nuclear** weapons). That could well bring civilization to its knees. At that point, it would be back to pre-historic times, for whomever is **unfortunate** enough, to be left alive.

Who could ever dream of such a horrific scenario? !

PICK ANOTHER NUMBER

If, by some miracle, **WAR** could be avoided, then you may now pick another number: **1,000 yrs 500 years 250 years 125 years or (pick your own number) ... (x)- years !**

All the oil is THEN gone, forever! What do you suggest, that the people, who are living at **THAT** time, **SHOULD** do? Your **Great Grand, etc**, [add as many **Great Grand, children**], (**YOUR DIRECT DESCENDENTS**), for the number of years, you have picked).

What might they think of us, **OUR** generation? **Because**, we did **nothing, EXCEPT** talk, they are **paying** for it (**then**), **in their life-time ! Finally**, I wonder **WHAT** our **founding fathers**, (circa **1776**), would have done, had **THEY** been running the Country, **NOW** (**2008**) ? ! ?

THEY, were **DOERS**, as WELL AS.... **TALKERS!** Unfortunately we now have a surplus of talkers, and **TOO fewer doers!**

UPDATE: JULY, 2008 \$140.00 barrel!

UPDATE 8-1-2008

SURPRISE SURPRISE SURPRISE!

DOES EVERY CLOUD REALLY HAVE a "SILVER LINING"?

YES YES! YES

The wildly-escalating prices of oil, coupled with unprecedented use of oil world wide, has **FORCED** all the governments of the world, to embark on many, many, wind-generated electricity **projects/installations!** **SEE WIND ENERGY NEWS**, (via **Google**)

Mostly, all nations in the world, are **NOW**, (circa Aug **2008**), moving with good speed, to exploit, non-oil, non-polluting, renewable energies. There **IS** hope for humanity ... yet! **UNFORTUNATELY**, we are approaching the time, when a **bigger problem yet**,

will raise ITS **ugly head**, (mentioned briefly on Page 2 herein).

In the not-too-distant future, there will be **warring** among nations, over enough water to keep the ever-growing world population healthy/alive. That is a given, **UNLESS** we use renewable energies energy to synthesize water, and/or, at least, desalinate water from the oceans.

Water distribution problems, will be the subject of another paper.

Listening, Watching, Reading and Thinking Cites

Analysis of Global Security, **CNN Money.com**

Atomic Fission Energy Electric Generation Plants **C. Cifaldi**

Atomic Fusion, possible future Electric Generation, **“Magic Bullet”?**

Book: An Inconvenient Truth by former **U.S. Vice President Al Gore 4/10/2007**

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Book: **The Ideal Educational System/Two Teachers in Every Classroom**

PUBLISHED by C Cifaldi Feb. 2008

“Economies of Scale” Renewable-Energy systems

(50) Greenest Cities in the U.S. **Popular Science 2/25, 2008**

Fixed-Income Trap for the **“financially challenged”**

France produces **75+%** of its electricity via Atomic Energy

Harvest Fields Population Statistics, **(2007)** Edition

Heating or Eating

High Resolution Optical Communication System, C Cifaldi Patent #5,703,636

“Hot Bodies”: by Swedish Engineer **Karl Sundholm**

Hybrid Solar Heating System, C Cifaldi Patent # 6,372,978

New Nuclear Plant Design Necessary, AND Safeguards **[proposed]**

Oil at **\$140.00**/barrel **6/25/08**

OPEC Oil Cartel ... OPEC WEBSITE

Towing Icebergs to Southern Ports, **Popular Science 1930/1940**

U.S. Census Bureau (projected) **2/23/08**

U.S. Strategic Oil Reserve as at **4/2/08 U.S. Department of Energy**

“Vogue of the Day”.... Plenty of Gouging Going On!

YOU Pick YOUR Own Numbers (Twice)

WIND ENERGY NEWS ... via Google
Cifaldi.org: SEE also a COMPANION Document “D Q P Explanation”

ALL DATA, NOT ATTRIBUTED HEREIN,
have been authored and contributed by Carmine Cifaldi. For updates,
after 11-5-2008 See Website HOMEPAGE, www.cifaldi.org CLIK ON LIVING BOOK
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UPDATE June 5, 2009 NASA has just completed a survey, and has come to the conclusion that the SUN is mainly responsible for the warming-up of the Earth!

Update: July 17, 2009 Last, but NOT least, the United States, with all its do-gooders, is pushing for costly restrictions of Greenhouse emissions by our industries, including hair-brained excess-energy-charge-uses.

This will make the United States' products even more expensive than they are now. How will industry pay for these NOT NEEDED requirements, “improvements”? Here comes another tax on U.S. Industry, which will put a lot of American companies out of business.

The other companies, which will survive, (in order to stay competitive with Foreign-imports), will pass those costs, plus a percentage, ON to the taxpayer. Make NO mistake, the people, NOT industry, will AGAIN foot the bill!