

## **Global Warning & Oil Crises**

*The purpose of this article is five-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 may impact or produce serious side effects;*
- 3. To describe the author's thoughts, including many 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 word), striving to improve the quality of life, for THEIR people;*
- 4. To suggest, precautions for 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, starting, NOW... (July 2008).*
- 5. To provide the reader with resources, for further accessing relevant information, regarding the material presented herein, including the link to UP-TO-DATE, world wide, WIND ENERGY NEWS, (via Google) .*

**Former Vice-President Al Gore**, (the **45<sup>th</sup> Vice-President of the United States, 1993-1981**), 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**, emitting from the **industrializing** of the world's nations, in search for a better life , for their people..

This paper is **NOT** meant to dispute **Vice President Gore's** contention, but rather to introduce some little-mentioned facts, data and suppositions, which **MAY** impact, or produce other 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.

**NO** country, on the planet, is immune to the deleterious effects of the sky-rocketing oil prices, the unwanted effects of melting polar ice-caps, as well as, (**it seems**), unusually volatile weather extremes, (hurricanes, droughts, flooding, tornados).

These two problems are inextricably intertwined, and are effecting the **WHOLE WORLD**. These crises, just did **NOT** happen today, but had their beginning, in the early **1980s**.

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).

**REMEMBER, THROUGHOUT THE FOLLOWING DATA: AT LEAST 2 PEOPLE PER SECOND, TRANSLATES TO MORE THAN AN EXTRA 62,415,000 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:** Mom & Dad were both born in **Montaguto, Italy**, (**Dad** in **1888**, **Mom** in **1903**). They told me, it was **NOT** unusual for people to reside in the **2<sup>nd</sup>** 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 **Trillions**, if not ... **Quadrillions** ... of times), 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 released, in the normal operation, of the **EXTRA** vehicles required, in pursuit of **THEIR** better lives !

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, 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 the noise issue.

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 required much more electric current to get it working, **AND**, 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-operated device, in the plant, tried to start at the same time as the compressor motor).

**Note:** When the average motor is started, (under normal circumstances), it uses **(3)** times the normal current to start-up. Under cold-weather circumstances, using **(5)** or more times 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 installing a **60** Watt electric bulb in a box configuration, (compressor enclosure), outside the building. That **60** Watt bulb, generated **enough** heat in the enclosure, so the oil did **NOT** thicken.

In fact, 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 beneficial, **NOT** deleterious, effect of melting ice-caps, is offered ... next.

There may be an un-thought of, never-before addressed reason, 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, (**HOW MUCH?**), 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. At the present time, (**April 2008**), it is being returned to the seas, **FREE** of salt and minerals.

Of course, 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!

(**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, 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!

Two (**2**) PEOPLE PER SECOND, TRANSLATES TO AN **EXTRA 62,500,000 PEOPLE PER YEAR!** From **1938 to 2008**, (**70 years**), earth's population has **increased** by over (**3**) Billion people.

Perhaps 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.

Yet, **unfortunately**, another problem caused by the melting of the Polar Ice Caps, is that land. (islands), barely above sea-level, will be detrimentally impacted, also. Many low-lying areas, around the world, will disappear, and/or become subject to, unacceptable recurring flood problems.

Of course, what comes to mind NOW, is the flooding of **New Orleans**, (**Hurricane Katrina, Aug 29, 2005**). But I am sure, **Holland** will be severely impacted, also. 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, **NO** 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!

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**

More information will be found in my published book in **©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 the [cifaldi.org](http://cifaldi.org) Website.

### **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' administrations** 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**.

## DIGRESSION TO NUCLEAR ENERGY, NEXT!

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 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, (**2008**), 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**, ... The 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.

**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, than that 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. (**2005**), (**8**) Billion per year, it would only have cost a maximum of **1.6** Billion! Consequently, that would have created a downward pressure on the cost per barrel, so the cost would be lower still.

## (Back to Atomic Energy Generation)

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 shutdown 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 the **CIFALDI.ORG** WEBSITE

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, I think that it had the opposite effect.

Among my credentials, was my actual manufacture and installation of an hybrid solar heating system, on a box-manufacturing company building, in Paterson, N. .J., (later patented).

That led to my appointment as **personal energy advisor to a State Senator**, a **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 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 and/or business organizations, would 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 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 **MUST/WILL**, 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"**.

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, **July 5, 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 **(12)** Countries.:

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

**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,..... I mean companies].

Since then, there were mergers and other maneuvers, which legally allowed the remaining companies, to have a **VIRTUAL monopoly(ies)**, 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?**

I would guess that a **CARTEL** is a **MONOPOLY**, which the United States can **NOT** control.

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 granted and filed in the Patent Office ..compliments of **GOOGLE.**

The fact is, that **NOW**, **ALL** School systems, in any City, using my system, **MAY** qualify for that status. It would be under the aegis of the **©1978 The Ideal Educational System/Two Teachers in Every Classroom**, unified communication-network. The book, 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 Feb 25, 2008 930K.** The author hereof, 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

Tube industry. See: "How to Manufacture B n W Picture Tubes", in Wikibooks and /or, on the [cifaldi.org](http://cifaldi.org) Website

**(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 INCREASES OF GASOLINE, (WORLD-WIDE), IN **2007 TO 2008!**

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 bigger, in that, there are **(42)** Gallons of Oil in a Barrel. One barrel can only make **(19.5)** gallons of gasoline. Therefore, the **(702.7)** Million barrels, could only make **(326.26)** Millions Gallons of Gasoline. However, the **U.S.** is now (2008), using **(320 )** Million 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-.... which could do little for public use, ...(of which I approve)!

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, went 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**, when we need **MORE** oil exploration, 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, Rolles-Royce limousines, etc.**

In the early **2,000s**, oil rose to **\$80.00**/barrel. The stated reasons: **EXCUSES ... NOT** enough refining capacity. **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 3<sup>rd</sup>** 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 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, 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 EVERYTHING), 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 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), of **\$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 **1<sup>st</sup>** Oil crisis, starting with the **Ex-President, James Carter administration.**

As **Chairman, of the Passaic County Energy Commission), [ New Jersey], I ADDRESSED, and 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 6<sup>th</sup>** 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 should record that fact!** (It seems, that the former president knows, **NOW**, how to fix the world’s problems. Unfortunately, **HE** routinely criticizes sitting Presidents).

On **Feb 25, 2008 Proofs**, validity of some 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 at 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. They 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 now, (updated 7-14-2008: ... **\$134.00** ... PER **BARREL**)! Additional relevant information may be found on the [Cifaldi.org](http://Cifaldi.org) Website

**DO WE HAVE TO WAIT ANOTHER 30 YEARS, FOR YET ANOTHER WAKE/UP CALL ?**

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 ...\$400.00**  
**.... \$500.00 ...\$700.00 ...1,000.00 per barrel.** **PICK YOUR OWN NUMBER,**  
before the following scenario, takes place :

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 Grands**, .... **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 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! Warring over enough water to keep the ever-growing world population healthy/alive, is inevitable, UNLESS we have enough energy to synthesize water, and/or at least desalinate water from the oceans. (This, 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

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

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

Book [WIKIBOOKS](#) Website, How to Manufacture a B & W Picture Tube 5/23/07

Book The Ideal Educational System/Two Teachers in Every Classroom

PUBLISHED by **C Cifaldi** Feb. 2008

Economies of Scale Renewable Energy systems

Fifty 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** #5,703,636

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

Hybrid Solar Heating System, **C Cifaldi** Pat # 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**

**WIND ENERGY NEWS** ... via [Google](#)

WEBSITE [Cifaldi.org](#)

**ALL DATA, NOT ATTRIBUTED HEREIN,**

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see [www.cifaldi.org](http://www.cifaldi.org) Website, For updates, after 8-10-2008,