

Another Green Energy Never Neverland

For most of the last decade, the Faux Science Slayer has been in constant research to solve several of Earth's great remaining mysteries. Humanity has created an energy dependent reality and some have charged that our choice of the type of energy in use today is having a dangerous impact on the planet. The claim is that the Carbon Dioxide product of human combustion processes is the main contributor to Earth's current climate change. There is ample evidence on the poor science behind this hypothesis, but less awareness of the technical failures of EVERY proposed green energy solution.

We will examine a summary of the complete family of green energy failures in this article, but first a pre-emptive strike at the "Boondoggle-in-Waiting" typified by this week's announcement by Google front group, Enhanced Geothermal Systems, and their new coast-to-coast geothermal potential map of the United States. This map shows thermal isobars with depths which reinforce a number of the **Earth Cold Fission Theory** conditions that F S Slayer has presented on thousands and thousands of websites.

One of the tenets of the Cold Fission Theory is that fission rates are not fixed to Earth surface laboratory standard decay rates. Within the high temperature, high pressure and high particle bombardment environment of Earth's mantle, fission rates vary over time. These variations are then manifested on Earth's surface as erratic volcanic activity and fluctuations of ocean temperatures. Changes in particle bombardment by the Sun cause the Earth's fission rate to change and hence cause climate change. The reader is referred to the Faux Science Slayer website for this research [1].

In addition to being a prime climate driver, Earth's fission process produces daughter atoms, known as 'elemental atoms' and under high temperature and high pressure these form 'elemental molecules'. The creation of these molecules hides some of Earth's geothermal energy as described at FSS.com [2] and some of these 'elemental molecules' are in fact Hydrocarbons as described here [3].

The skeptics website WUWT introduced the Google EGS energy map and the comment section quickly took on the "easy clean energy" debate [4]. Since F S Slayer has studied exactly this form of energy and its recovery limitations for years, it was natural to join in the debate. Here is a brief description of all currently available Geothermal recovery systems and their limitations:

The first system discussion involves the "working fluid" which has a number of parameters including heat transfer capability, availability, toxicity, safety, cost and service life. With all of these parameters there is really only ONE functional working fluid, the most abundant fluid on the planet, water. We will save discussion of the range of alternatives later, but recognize that even the greatest, yet to be invented, New Age fluid will not be to avoid the other *in situ* problems of this clean energy system.

Most of the Geothermal energy in use today is for building heat or low temperature process heat for northern latitude refineries. The EGS claim of nearly 3 million megawatts of US thermal energy is misleading, because lots of low temperature heat does not equate to usable energy. What is very interesting is that the thermal map shows higher near surface temperatures in the EXACT same locations as the current shale gas fracking zones in the Dakotas, Texas and Pennsylvania, along with locations which will soon be discovered to be shale gas zones.

This overlap of Geothermal heat and shale gas is to be expected from the 'elemental oil' theory. The other interesting fact is that the non-uniform heat distribution indicates that the underlying fission zones are also non-uniform. Throw in that these may vary over time and you have probable cause for the 30's dust bowl and the recent Russian warming. Returning to the recovery issues, here are some of the available options:

SINGLE PIPE OPEN SYSTEM is much like the steam radiators of the northeast with a boiler in the basement, single large pipe riser and regulator/trap at the radiator. With steam rising, condensing in the radiator and the condensate flows down the annular interior pipe back to the 'boiler'. Using this in the Earth, you would only get a fraction of the input water to return as steam and that steam would be laden with minerals which would quickly corrode or clog your pipe riser.

SINGLE HOLE, TWO PIPE, CLOSED SYSTEM, would eliminate the fluid loss and the mineral absorption issues, but also limits heat transfer to the area directly adjacent to the well. Whether parallel or concentric, placing two pipes in the same hole allows heat transfer from the hot riser to the cold return line with the potential that in the miles of loop there would be no usable temperature difference at the surface.

TWO HOLE, TWO PIPE LOOP SYSTEM, would require intersecting two drill holes which is within current technology. This system would then require some method of joining those two lines in a pressure-tight connection, miles beneath the surface. While technically possible, it is not financially feasible for reasons mentioned in a moment.

IN SITU GENERATION, would couple the boiler, turbine, condenser and generator into a single package and have just a transmission line to the surface. This is the underground version of the wind generating kites discussed later, but mentioned here so that hopefully no one will ever mention it again.

The greatest flaw in all these systems is the relative low density of heat energy available and the extreme depths involved for recovery. The deepest mine shaft in the world is Tau Tona in South Africa at nearly two miles deep. The ambient rock temperature is 130F. The deepest drilled well in the world is the Russian Kola well at 40,000 ft and 350F ambient temperature. The thermal line loss on seven miles of riser pipe means that even man's deepest well would produce useless low pressure steam at the surface.

F S Slayer had been preparing this information to release at another news event which is now long past schedule. This summer the same team responsible for the flawed IPCC radiation energy balance sheet announced that they had collected data from over decades of time, from thousands of “down-hole well temperatures” and would release within a month. The interesting fact in their news trailer was that the down-hole temperature changes ALWAYS preceded the ocean temperature changes of El Nino/La Nina.

There can be no more startling proof that Earth’s climate is governed by its variable fission rate and not CO2 or humans. Add to this with the surprising accuracy of Astrophysicist Piers Corbyn to predict, first long term weather, and then Earthquakes, and you have compelling evidence for a Solar-Earth coupled system. Changes in the Sun’s particle bombardment cause weather, climate and Earthquake variations.

It is doubtful that Google squandered its \$10 million investment on Enhanced Geothermal Systems with no intention of return. The current DOE is still squandering money on green boondoggles with Google ties as we will discover. As we close out the geo-scam discussion, readers are urged to read of the Australian firm “Geodynamics” and their dismal failure found here [4] from the comment section at WUWT.

Recapping the previously examined green energy scams with the failures of solar, photovoltaic cells. The article “Green Prince of Darkness” explains this one-time, one-way molecular erosion process found here [5]. Like EVERY green energy scam, solar cells do not produce the energy required for their production within their useful life.

Since most green energy involves direct current and requires storage, we must mention batteries. Every man made storage battery has a maximum number of recharge cycles. For the Nichol-Hydride batteries of a Toyota Prius, this is 400 cycles. You may save \$8000 in gasoline during the eight year cycle, only to buy an \$8000 replacement battery. The same with “permanent magnets” used for hybrid motors and windmill generators.

For an exhaustive documentation of the problems with wind energy, the reader is referred to John Droz archive [6]. One note is that the DOE Advanced Research Projects Agency Energy (ARPA-E) is co-funding with Google, the Makani Power windfarm kite project. Their “Wing 7” prototype has 28 ft wingspan and potential of 20 kilowatts of energy flying at 1800 ft in a 22 MPH wind. This ability to power at most 13 hair dryers requires a wire tether to transfer power to the ground, which is a hazard to aviation if flying and a hazard to vehicles and property owners if the wind or tether system fail.

Green Cult Guru Gore has admitted that corn-to-Ethanol does not yield the energy required for production. Every cellulose-to-Ethanol conversion has failed. The Baby Bush switchgrass scam was a flop. Claiming that these processes will become cost feasible with rising energy prices denies the fact that production costs will also rise. Thus, bio-fuels are a carrot dangling on a stick at the end of the taxpayer treadmill that we will never reach.

In May of 2010 the CEO of Google had a meeting in the White House with the president of the greatest nation on Earth. After two hours the president approached the podium and the teleprompter said "Too much information is dangerous for our democracy". He repeated that phrase at commencement speeches several times that week. Amazingly, you can google that phrase and see the YouTube videos. That night Google shut down 18,000 conservative web sites and F S Slayer lost 200,000 crosslinks on the web.

As humans we face a number of intractable problems, yet many could be easily solved if we were given the freedom that we have repeatedly fought and paid for. Instead we have a vested interest in power, who are determined to increase their control over the entire planet. These elites have ruthlessly distorted science, media and society to achieve this goal. They are bankrupting us with useless green schemes and their omnipotent, power trip dreams.

It may take a FOIA request, or Congressional subpoena to get the "down hole temperature data" that has been announced and then hidden. It may take a collective effort of petroleum industry workers to compile an independent list if the requested data is not forthcoming. In any event, we live on a far different world than we have been forced to believe. We live on a planet where renewable energy is produced every day, right below our feet. And we live on a planet with intelligent life, searching for truth and the energy to lead the most productive life possible. We live on a planet where the many will no longer be subjugated by the fables of the powerful.

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FOOTNOTES

[1] http://fauxscienceslayer.com/pdf/motive_force.pdf

[2] http://fauxscienceslayer.com/pdf/missing_geothermal_flux.pdf

[3] http://fauxscienceslayer.com/pdf/nuclear_waste.pdf

[4] http://blogs.news.com.au/heraldsun/andrewbolt/index.php/heraldsun/comments/green_spruikers_want_more_of_your_millions_for_a_hole_in_the_ground

[5] http://fauxscienceslayer.com/pdf/Green_Prince.pdf

[6] <http://www.northnet.org/brvmug/WindPower/articles.html>

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