

Green Prince of Darkness

There were a myriad of factors that contributed to the demise of the British Motor Industry in the mid seventies. The storied brands of Jaguar, Bentley, Aston Martin and MG of the automotive and Triumph, BSA and Norton of motorcycle industry all suffered under onerous labor union contracts and government ownership and controls. All of these brands also suffered with defective electrical components produced by the Joseph Lucas Company.

Quality control issues were so bad that a popular bumper sticker for those marquees read “All of the parts that fall off of this car are of the highest quality British craftsmanship”. While purist can indulge a certain level of hardship with mechanical devices, they have little patience for the electrical gremlins that did not affect other manufacturers. For this reason, Joseph Lucas was nicknamed “The Prince of Darkness”.

Today we have a new Green Prince poised to plunge the western world into a self imposed darkness. This Prince first creates the fiction that carbon causes climate change, then adds the fable that green energy exists which can dispel this nonexistent problem. The entire range of ‘green solutions’ are all nonsensical. We’ll limit this discussion to just solar cells and batteries.

The Sun Gives Us Nothing for Free

As alluring as the premise may be, the promise of solar energy is not free. The first solar cell was created in 1883 by Charles Fritts using a sheet of Selenium with thin Gold facings. The Sun radiates approximately 1000 watts per square meter at maximum. The Fritts cell produced 10 watts per square meter or 1% efficiency. The Russell Ohl patent of 1946 is considered the first modern solar cell.

Today’s solar panels are high purity Silicone with a light doping of Phosphorus and Boron to provide breaks in the Silicone for electron movement. This creates electrical current flow when exposed to photons in sunlight. Only segments of the solar spectrum activate this flow and it must be captured on both sides of the panel to create a circuit. The required capture grid blocks some of the incoming energy and the net result is 10% efficiency, or approximately 100 watts per square meter.

Efficiencies as high as 40% are available with exotic materials, but then one must address the ‘high cost of free’, which applies to every ‘green’ technology. Silicone, Phosphorus and Boron are common elements, but to mine, refine and bring on line has a cost. That cost is reflected in ‘cost payback’ of 5 to 7 years depending on the system. The total system life is 20 years. But these costs are based on low cost carbon based energy systems providing these materials.

Much like paying your Visa bill with your Master Card, this parasitic 'clean' energy cannot provide the 'spare' energy to avoid 'dirty' energy. There is a certain loss of electrons in this system and power production erodes over time until at twenty years they are useless. The Silicone sheets are protected with glass covers which require periodic cleaning and are subject to damage from hail and wind debris.

Solar cells produce best in full sun, but lose efficiency with temperature increases. To have usable power over extended periods requires a storage system. The most common of these is the battery, which is the heart of that 'other' planet saver.

Dream Green Machine

Soon Electric Vehicles, aka EVs, will replace the nasty internal combustion engine and humanity will be in harmony with the Universe. The transition technology in this race is the hybrid auto and the front runner is the Toyota Prius. This undeniable marvel has a 120 pound Nichol-Metal Hydride battery that costs \$3500 to replace or approximately \$20 per pound. There again, a cost based on carbon energy providing the material production.

The 'Metal Hydride' portion of these batteries includes the rare Earth elements of Lanthanum, Cerium and Neodymium. These required green components do not willingly join the green cult movement. To have your treasured EV, this planet must be mined and those elements must be extracted and refined.

Due to chemical erosion thru use, these batteries have an eight year or 100,000 mile warranty period. You can save \$450 per year on gasoline if you spend \$450 per year on a battery. You can walk forever up the down escalator and still get nowhere. There is no way to improve or even 'sustain' our carbon-based life forms without expending some geologically stored carbon energy.

To the blue-green Hollywood Eco-Smurfs and Na'vi wannabe's, we are NOT living on a green Pandora that needs rescue from the evil RDA mining company. Humanity will not be saved by mythical noble savages or a forced return to a primitive life style. It took most of the nineteenth century to formulate the Laws of Thermodynamics. It took most of the twentieth century to apply those laws to the benefit of society. There will be no solutions to problems in the twenty first century that do not comply with these laws.

Curiously missing from the Climatology degree plan is any mention of Thermodynamics. Avoidance of these Laws must give license to break these Laws. Thus clouds can have a negative factor during the day, with their pesky 'albedo' effect reflecting sunlight back into space and then just hours later have a positive effect by blanketing the warmth at night. A reflector or greenhouse at the whim of a Climatologist.

Climatologist can ignore the specific heat and thermal mass of the entire planet and provide a computer model PROVING that the trace human portion, of a trace gas, in the trace portion of the Earth mass that is the atmosphere, is the single greatest climate forcing factor. They can then empower this three atom molecule the unique ability to radiate in a reverse flow in opposition to all proven Thermodynamic Laws. This is lawless behavior, which is by definition, criminal behavior.

Lady Gaga's Underwear

If you don't know what color underwear this pop icon is displaying for us today, it is only due to your willful avoidance of the main stream media message. If you recognize the need to open our 'Pandora' and mine some 'Unobtainium' to improve life for all humanity, then we need your support. Awaken your friends and family to the futility of the Green Utopia.

This manufactured crisis and faux consensus has been brought to you with your tax dollars by your government officials. This has been a bi-partisan effort. Think of the RNC-DNC Crime Syndicate as the ultimate Cosa Nostra upgrade. The IPCC, EPA, DOE, NSF and NAS are all guilty of lying, suborning scientific perjury and attempted tax collection fraud.

There have been five high profile whitewash attempts since Climate-Gate, the blessed Hadley hacking event of Nov 19, 2009 by Penn State University and the British government. But now the cherry picked science and the cherry picked whitewash inquires face a serious challenge.

If the 'Hockey Stick Maker Mann' did indeed knowingly delete conflicting data to force a curve match of proxy CO₂ to match his proxy temperature, then he has no protection under academic freedom. Virginia Attorney General, Ken Cuccinelli, filed a Civil Investigation Demand and was rejected by Mann's former employer, the University of Virginia. In a hearing, July 13, 2010 the judge ruled that UVA must provide this material within one week and prepare for oral arguments in a month.

Now a jury of peers, who are NOT government paid academics, will hear evidence denied to skeptics by countless Freedom of Information Act requests. A legitimate inquiry will for the first time review the 'science' of this faux hypothesis. The evidence that will pour forth in this court will be the final death knell for the warmists and their elite handlers. Humanity does not need to be plunged back into the darkness of their green hell.

As America struggled to avoid the world conflict of the 1940's, then Prime Minister Winston Churchill made this observation, "You can always count on Americans to do the right thing – after they've tried everything else." We do not need try everything else. We know science, we know what works and we know when our leaders are systematically lying to us. If you reject the green group think and feel true science, true debate and true democracy are humanity's best hope, then come join us. We are the anti-barbarians.

Joseph A Olson, PE
July 15, 2010

Update, Aug 31, 2011

Every ton of pure Polycrystalline Silicon refined for photovoltaic use produces EIGHT tons of Ammonium Chloridized Silicon TOXIC waste. Similar levels of toxic waste are produced in the mining, refining and production of all batteries and the rare Earth elements needed for DC motors and windmill DC generators. The reason that China is the main producer of all of these 'green products' is that China has a vast slave labor population and NO environmental restrictions. Just more proof of the blindness induced by wearing green goggles.

Update, Oct 6, 2011

The Prince of Wales will make £675,000 from green handouts after he put up solar panels just weeks before a controversial decision by the Government to cut subsidies.

The subsidies were introduced last year to pay people and organisations for the "green" electricity they generate from small-scale solar panels, wind turbines and other renewables.

Only 'early birds' like Prince Charles have managed to get the more generous tariff for larger scale projects.

The Duchy of Cornwall, the Prince's estate in the west country, installed solar panels on the Home Farm Dairy this spring, just before the tariff was reduced.

BTW, the Crown owns all coastal waters of the UK and collects additional 'royalties' for all offshore wind production. This is a double environmental advantage since shore birds ground up in these bird shredders are washed to sea and don't provide the constant reminder of the non-ecological side of eco-logic.