

The Case Against Carbon Taxing

Overview

The Federal Government plans to tax carbon, but for what purpose? They say to stop Canadians from heating the environment. Yet that very same government, after 20 years and billions spent, has yet to acknowledge any viable solution to man made heating of the environment. A tax with no viable solution is a money pit. Yet the government will justify that every dollar spent, in some small way, reduces global warming.

This is a sham just like Hans Christian Andersen fable "The Emperor's New Suit"- www.turbogenpower.com. An invisible suite that every one in the Emperors court sees as so beautiful. Yet the public sees an Emperor walking naked in the streets.

There is one principle that professionals problem solvers follow. *"If you cannot solve a problem in seven years you become part of the problem and fight / obstruct any one else ever solving it."* This is the **ULTIMATE ego distraction position**. *"If I cannot solve this problem then NO one can"*. The Federal Government is stuck in this ego position.

How strange it is that this is the issue in court today. The Emperors court (scientists, bureaucrats and advisors) sings his praises but in fact he has no solution just endless taxes into a bottomless money pit.

The federal Government Position

The federal Government has known the solution to mankind heating the environment since 2006, but refuses to acknowledge the **ONLY VIABLE THERMODYNAMIC SOLUTION, the cold engine**. Instead they create money pits and fund popular and voodoo science solution. Some solution. In the end the taxpayer pays.

Some time ago the Liberal government choose to believe the LIES sold to the public by Scientists who have absolutely no knowledge, no training, and no experience in thermodynamics. Thermodynamics is the technical word for heat flow. Only Engineers are taught applied thermodynamics at University. The scientists and federal bureaucrats are so attached to the official governments ego position that they refuse to admit to their ignorance of thermodynamic principles that effect Global Warming. P M Trudeau is so invested in the ego denial arguments that they encourage their bureaucrats to design clean energy programs to FAIL miserably, with petty rejection and meaningless rules. This has been the case since the Liberals took office.

How can a government design a program to intentionally fail you ask. The rule which causes the program to fail is . *"No proof of concepts allowed. We do not fund R and D"* The government is so stupid that they do not see, to this day, that this rule painted themselves into a corner. This rule limits the allowed solution to existing heat engines. Yet all heat engines including wind and hydro heat the environment. This point is expanded in more detail in the attached reports under the concept of the "heat multiplier." **The three attached papers are: Causes of Global Warming, Global Warming by Man and Executive Summary of the Cold Engine**. On web page: www.turbogenpower.com

Spending to Date

Since the federal Liberals clean energy program started the federal government has spent billion dollars with absolutely nothing of subsistence to show for the wasted dollars. The Ontario government has spent over three billion dollars with nothing of significance except ever rising electricity prices, bankrupted

citizens, and family hardships. The Alberta and BC governments have spent millions on wind turbines while their engineering advisors have yearly reported that - *“During peak power periods in the summers wind is notoriously absent.”* BC is spending an additional \$8.5 Billions on dams to correct the short coming of wind turbines.

The Court’s Dilemma

For the court to rule for or against Saskatchewan solves nothing. The problem is not the tax it is the federal governments ego position, ignorance, and wastage of money. Tax without a viable solution is a recipe for disaster. Tax for the wrong solution is just plain stupid. If the court does not look at the evidence against the federal government voodoo solution and the evidence for the thermodynamic solution, the cold engine, it will perpetuate the money pit approach for the next few generations and send a trillion dollars down the drain.

To be effective this Court must dictate to the federal government a viable solution and remove the money from government hands and ensure that it is invested in the only viable solution, a cold engine.

Should the court rule without addressing this issue, it will raise the question as to the value of having an appeal court to protect the public from government STUPIDITY. It will also raise the question as to the value and very existence of this court of appeal.

Missing The Mark

When you analyze the heat released into the environment rather than CO2 produced you realize that the government missed the mark totally when focusing on carbon produced rather than heat released. Here is the data for 2017 according to the Canadian National Energy Board (NEB).

Canada	2017	Kilo watt hrs	Heat	Joules / year	tonnes CO2	CO2 reference
	source	Electricity	Multiplier	Heat released	CO2	Ton / M w hr
62.4 %	hydro	4.27E+11	1	1.54E+18	0	0.00
15.5 %	nuclear	1.06E+11	15	5.73E+18	0	0.00
9.45 %	coal	6.46E+10	5	1.16E+18	65 million	1.00
6.8 %	gas	4.65E+10	9	1.51E+18	23 million	0.50
5.8 %	wind	3.97E+10	1	1.23E+17	0	0.00
	Cold engine		0	0	0	0.00
	Total	6.8 x 10¹¹		1.01 x 10¹⁹	88 million	

Note that Nuclear is by far the greatest heater of the environment, 5 times greater than Coal. If we focus on carbon only we totally miss the ballpark. **We should be focusing on heat released.** The federal governments clean energy program totally misses the intent of reducing environmental warming (heat) by man. This program is a sham, an insult to every Canadian. When the true facts about man heating the environment comes to light, this program will embarrass Canada in front of the World.

Addressing the Real Problem

In order to facilitate the problem identification, analysis and resolution, I am attaching three papers on the subject and am prepared to defend these papers in court. I am sure that these three papers will provide the court with compelling evidence as to the only viable solution being the cold engine. As to the reference to the Hans Christian Anderson fable *“The Emperor’s New Suit”*, you will find support for the governments invisible suit in every page and paragraph of the attached three reports.

The Question of the Millennium.

The real question is. *“What is the alternative to heat engines? What prime mover can produce economical electricity without polluting and heating the environment?”* Do not let the government diffuse, distract or redirect you from this question. This is the question of the Millennium.

The three attached papers are each self contained, which makes for some repetition, but repetition is necessary to allow each to stand on its own feet. Let me repeat, ***these three papers will provide the court with compelling evidence as to the only viable solution being the cold engine.*** Once the debate and discussion on prime movers is over The court has a second question to address. *Who should develop the solution, the Cold Engine?*

Obviously the federal government should fund the cold engine, but not direct, administer or control the expenditures. The federal Government failures over the last 20 years disqualifies them from any management role. Federal government direct involvement other then funds will destroy any hope of success. To structure the solution a non profit corporation “ Cold Engine R and D” needs to set up by lawyers. I would recommend McLeod Law in Calgary.

Why should the cold engine R and D not be contracted to the lowest bidder? Competitive contracts may work in areas where there is competition like cars but when it comes to proprietary and speciality technologies such contracts are utterly useless. You do not hire a civil engineer who build bridges to build a refrigeration systems.

Today there are only three Professional Engineers, David Graham, Wayne Borrowman, and Wayne Dilt, who have experience in designing a cold engine. These three engineers are in two companies, Turbo Gen Power and CIMCO Refrigeration. These are the only people with the experience and creativity necessary to build the cold engine. There is also the question of proprietary information on the cold engine. David Graham and his company Turbo Gen Power owns the proprietary trade secrets of the cold engine. Cimco Refrigeration has provided David Graham with a letter of support - attached.

Costs

Converting all existing power plants to cold engine power plants, if done right, will cost only a very small fraction of what the federal and provincial governments has spent to date on clean energy money pits. The question is why is the price of cold engines electricity so low. There are two reasons for the low costs. The first is the build costs are far lower then any other power plant. The cold engine capital costs are less than \$400,000 a mega watt generator. Wind is \$2,000,000 a mega watt generator and Hydro is \$8,000,000 a mega watt generator. Wind and hydro, and all other power plants require grid lines to the city. The cold engine is built in the city. The cold engine has no grid fees.

In 2016 Premier Notley’s carbon tax was about \$100 per person. PM Trudeau’s carbon tax is estimated to come in at \$150 dollars per person per year. This cold engine nonprofit proposal will cost \$3 dollars per person per year and end in 8 years. The federal government tax will never end because they will never solve the problem.

The cold engine wins the prize for lowest cost - hands down. How do you compare the cold engines \$3 per person per year to the federal governments money pit of \$150 per person per year?

The second reason is because the cold engine can replicate itself in about 4 years. No other power plant in history has ever replicated itself, including wind. Replication is more fully described in the report **Global Warming by Man and in the Executive Summary of the Cold Engine.**

Replication can best be understood by comparing it to a \$100 million dollar snow ball at the top of a mountain and starting it down the sloop and watching it grow bigger. Finally the snow ball turns into an avalanche. When the avalanche stops the conversion process will be complete. The Federal Government will have to fund the cold engine for about 8 years or two replication cycles. Compare this to the wastage of over \$10 billion dollars to date by the federal and provincial governments without a solution in sight. This proposal is a bargain indeed.

Now lets get on with solving the problem of the Millennium.

Your Thankfully
David Graham P. Eng.

Attached: Found on web: <http://www.turbogenpower.com/>

Causes of Global Warming

Global Warming by Man

The Executive Summary of the Cold Engine

CIMCO Letter of Support

“The Emperor’s New Suit” by Hans Christian Anderson