



# Will the Smart Meters Revolt Rollback Wireless?

## An Interview with “Thermoguy” Curtis Bennett

By William Thomas

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Curtis Bennett isn't everyone's cup of unsweetened tea. In his unstinting quest to corral unhealthy and illegal frequencies, the bluntly outspoken founder of Thermografix Consulting castigates those he considers fools and misinformed allies alike. Even worse – much worse – this Red Seal Interprovincial Journeyman Electrician only speaks to what he knows. And with 30 years' experience as an electrical engineer his knowledge is considerable. Spluttering critics tend to implode when left with zero wriggle room.

Speaking in a peculiarly memorable cadence that places unexpected emphasis on usually unhighlighted words, while leaving others out, Bennett describes himself as “a Radio Frequency engineer. Frequencies are my profession,” he adds. “I'm here to deal with those boring codes, building codes, electrical codes, laws, laws, laws.”

As “an energy professional recognised in British Columbia,” this “professional troubleshooter” is in high demand by other professionals – most notably insurers, medical associations, lawyers, government agencies and other corporations that sense a tsunami of lawsuits rearing off their shores.

“Can the invisible frequencies blanketing our homes, offices and communities affect humans?” they all want to know.

“Yes,” Curtis tells them. “Electrical professionals don't blast frequencies around like this. Any B.C. Hydro lineman will tell you, you can't change the frequencies in the grid. You can't stimulate tissue. It's illegal.”

**Table 5**  
**Exposure Limits for Persons Not Classified As RF and Microwave Exposed Workers (Including the General Public)**

1 Frequency (MHz)	2 Electric Field Strength; rms (V/m)	3 Magnetic Field Strength; rms (A/m)	4 Power Density (W/m <sup>2</sup> )	5 Averaging Time (min)
0.003-1	280	2.19		6
1-10	280/ <i>f</i>	2.19/ <i>f</i>		6
10-30	28	2.19/ <i>f</i>		6
30-300	28	0.073	2*	6
300-1 500	1.585 <i>f</i> <sup>0.5</sup>	0.0042 <i>f</i> <sup>0.5</sup>	<i>f</i> /150	6
1 500-15 000	61.4	0.163	10	6
15 000-150 000	61.4	0.163	10	616 000 / <i>f</i> <sup>1.2</sup>
150 000-300 000	0.158 <i>f</i> <sup>0.5</sup>	4.21 x 10 <sup>-4</sup> <i>f</i> <sup>0.5</sup>	6.67 x 10 <sup>-5</sup> <i>f</i>	616 000 / <i>f</i> <sup>1.2</sup>

\* Power density limit is applicable at frequencies greater than 100 MHz.

- Notes:**
1. Frequency, *f*, is in MHz.
  2. A power density of 10 W/m<sup>2</sup> is equivalent to 1 mW/cm<sup>2</sup>.
  3. A magnetic field strength of 1 A/m corresponds to 1.257 microtesla (µT) or 12.57 milligauss (mG).

## SPEAKING IN CODE

Stimulating tissue is prohibited under standards set forth in Health Canada's spectacularly outdated Safety Code 6.

"Safety Code 6 is the law, the ugly, ugly insufficient law," Bennett says. "Compliance with Safety Code 6 is not optional. BCUC, BC Hydro state this. The predominant health effect to be avoided is the unintentional stimulation of tissue. *Heating tissue is to be avoided.*"

The code states that the critical scientific mechanism in any radiating device that heats tissue from the inside out is unknown. And that the code will be changed when a verifiable mechanism is available.

Microwave ovens come to mind. Microwaves heat food by vibrating food so violently its molecular structure shakes apart. Just like microwaving human DNA with wireless gadgets and grids.

"Now you have 'mechanism' where you're doing this through electromagnetic induction," Bennett explains.



Deluged by lawsuits and complaints, power companies are also waking to the nightmarish realisation that the smart meters they've rushed into service are acting as antennas. These hungry devices are gobbling

electromagnetic fields produced by their own internal transformers, nearby microwave towers, a silent cacophony of routers, and other household wireless devices. In many cases, the resulting electrical currents induced in not-so-smart meters are being dutifully recorded as billable power to consumers assured that their hydro invoices would go down – not double or triple.

## YOU ARE AN UNLICENSED ANTENNA

Water-filled humans also induce electromagnetic energy as internalised electrical current. But the eventual costs in compromised health and happiness can be much higher than a wonky hydro bill. Bennett chokes up when he says, “You have 500 girls in school and deprived their families’ rights to reproduce. All girls have [all] their eggs at birth. You guys are irradiating the shit out of their eggs at birth.

“What’s the genetic mutation, or the right to reproduce worth?” he continues. “900 MHz going through someone’s testicles is going to cause molecular changes.” These cyclic polarity changes whipping human cells back-and-forth... “1.8 billion times a second is not going to heat tissue? Ridiculous! How many times do you want this guy’s nuts irradiated?”

The less-than-diplomatic Curtis Bennett has nevertheless taken care to leave a paper trail stretching back to the winter of 2010, when he first informed Health Canada and provincial authorities at a federal Parliamentary Committee hearing of the induction mechanism that internally heats human tissue. “Health Canada, Coleman, the B.C. government did not follow through,” he ominously notes.

But Safety Code 6 cannot be updated. If it ever catches up with the EU’s much stricter electrical standards and starts regulating electrical currents induced by wireless devices, Canada’s hugely profitable wireless industry – along with millions of wireless addicts and co-dependent tax collectors – could be left without their fix.

## IT’S A ROUT

Don’t focus on individual smart meters, Bennett advises electromagnetically exposed governments and power providers. “As soon as you incorporate the routers, head-to-toe you are stimulating tissue. Margin of error: zero. You are not insured for it.”

But all those risky routers have been left out of the discussion.

And official testing.

Power companies like BC Hydro and smart meter manufacturers like Itron are “grotesquely negligent,” Bennett charges. They did not “design that cheap-ass electrical equipment to be in an electromagnetic field. They did not even test the routers under full load. The routers are electrically inductive. They cause fires, interfere with pacemakers and health monitoring equipment...”

His voice trails off at the implications.

“You left out the routers in the middle,” Bennett picks up again, addressing culpable administrators. “You left



out the tower and the 900 MHz from the tower, the dual frequencies [2.4 GHz microwaves]. What about the tower talking to the phone, with the human caught in the circuit? Being hit head to toe? 'We didn't think about it. Didn't include it,' he mimics remiss regulators.

Human beings also complete the smart meter circuit by inducting their wireless currents. "Head-to-toe impacts every function in the body," Curtis Bennett says. Which is why he calls routers the "game changer" in the smart meters discussion.

"One smart meter router is capable of talking to 4,000 smart meters. That equipment should be tested under full load," he goes on to explain. "It's just like an aircraft. 'Oh, you're going to subject this equipment to an electromagnetic field, you have to design for it.' They didn't design smart meters to be exposed to these power densities – the frequency load from 4,000 devices. Just to have it going through a conductor [like home wiring] and you're generating electricity in something that already has electricity – an electrical nightmare.

"Returning to Safety Code 6, Bennett says its requirements of "plausibility" and the "reproducibility" of human tissue heating through induction are more than met by full-body routers spraying electromagnetic fields like invisible shrapnel in every direction.

"Health Canada, supposed to use weight of evidence, has dismissed peer-reviewed science. They left out the frequencies of people, they left out the routers – it's illegal," Curtis Bennett charges. "The mechanism is there, you can't do that."

## ALL FALL DOWN

In addition...

"You set up engineers for failure by leaving out the routers."

As they become informed, civil engineers across Canada are increasingly concerned that electrosmog from a plague of wireless smart meter routers has been left out of engineering designs, regulations and discussion. All those interlocking frequencies are "irradiating infrastructure," Bennett says. "When you get into buildings, it's a frequency weapon. It's induction. It's vibration."

This could rapidly become a Gigantic Problem because introducing harmonics into structures not designed for them is illegal under both the BC Building Code and the Canada Electrical Code.

"You can't cause molecular earthquakes in buildings. At 1.8 billion times-a-second you'll take the legs out from under the building," Bennett states. Along with bridges. And nuclear power plants. Even Toronto's manhole covers are corroding much faster than engineering specs anticipated under a growing onslaught of continuous microwave radiation.

Does anyone seriously think that human organs are immune to energies that so speedily rot iron?

## YOUR POLICY IS CANCELLED

No wonder insurers are calling Curtis Bennett.

"The Telecom industry says it isn't worried. It has \$100 billion in assets to pay lawsuits," Bennett says.

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But the insurance industry “has \$5 trillion” in potential claims. And now that the mechanism of wireless induction has been identified, “they will not take a loss.”

One insurance agent told Bennett that in the case of a \$360 stereo some kid had shoplifted, they would go after the parents. “This is business,” the agent said.

Now insurers are being told that they will have to pick up all the liabilities for all the failed pacemakers and medical monitoring equipment, all the fires and damage to home and business computers and appliances.

Their three-word response: “No, we won’t.”

“Do you think insurers are picking up the cost of those bridges?” Bennett asked. “Shipping, the military, airplanes, refineries – you name it.” Not when – “across the board” – power companies have “bypassed the whole process” of peer review and public consultation.

## EVERYTHING IS CANCELLED

The ramifications of routers stagger minds not yet permanently clouded by microwave induction.

“We work for the energy department,” Bennett explains. “We work for their insurers. If a building is not insured, banks don’t fund it, municipalities don’t pass it.”

What happens, he asks, when occupancy permits are withdrawn from buildings sprouting dozens of smart meters, as well cellular antenna farms on their roofs?

What is the future of mortgages and insurance for homes compromised by smart meter radiation?

“We work for risk management,” Bennett also says of his profession. “At the end of the day it’s dollars and cents. The frequencies are illegal. You can’t do this. Loss of bees, buildings, infrastructure...” power companies are “going to be bankrupt.”



## AN ARRESTING INTENTION

No wonder “an international group” of insurers wants to talk to Curtis Bennett about a Sept. 16, 2011 letter he sent to B.C. Energy Minister Rich Coleman.

The thermoguy’s correspondence read in part:

Health Canada presently represents to the provinces, BCUC, BC Hydro, etc that there is no peer reviewed science linking the frequencies but they fail to report the mechanism was reported to Health Canada and by expert witness at the request of Canadian Parliament's Standing Committee on Health on "potential health impacts of RF EMFs". The peer reviewed science is called electromagnetic induction which is the same mechanism BC Hydro uses for creating electricity.

As a result of the mechanism found and reported by professionals with government recognized credentials in BC as well as the rest of Canada, the application of existing law changed and the frequencies as well as the grid are in violation of Safety Code 6. Enforcing Safety Code 6 must be done because it is the government's code that references nerve and muscle stimulation. While Health Canada's administration and others will be held accountable for their criminal negligence, BC does not want the liability or health costs associated with causing neurological challenges or affecting pollinators.”

We’re telling Mr. Coleman to duck. Reckless endangerment is criminal, not civil,” Bennett amplifies. “You left this out, Mr. Coleman. Stop this.

”Lest there be any doubt, this plain-speaking electrician insists, “We’re not here jokin’ around. We’re not here to lobby and opinion. We work for the government of B.C., the government of Canada. We work for due process. Not for a weak-ass administer who decided to step outside of that.”

As an adviser to B.C. municipalities and the Canadian Forces, as well as an expert witness in an ongoing Oregon lawsuit involving smart meters, Curtis Bennett carries clout. And he is not alone in his desire to see B.C.’s Premier and Energy Minister brought to justice.

“These guys need to be arrested and charged with criminal negligence,” he says, mixing genders. “Is it okay for them to hurt somebody’s children? One-hundred percent, no. Does their stupidity and greed absolve them? No.

”As professional electricians, Bennett says, “We can’t watch people get hurt and shut up. You or I would be accountable. These guys, it’s their job as elected officials.”

His message to every federal, provincial or local official who approved or apologises for smart meters and their cell phone tower kin: “You’re hurting people. What did you do with the weight of evidence reports in regards to towers and frequencies?”



## CHECK THAT DIAGNOSIS

When it comes to the effects of pervasive wireless pollution, doctors are asking Curtis Bennett, “What’s going to happen?”

“Extinction,” this EMF expert says succinctly. “This is the biggest threat to mankind.”

Hyperbole? Leading researchers – including Olle Johansson (Associate Professor of Neuroscience at the Karolinska Institute); MD Gerald Hyland; Dr. David Carpenter (Dean at the School of Public Health in New York); Dr. Leif Salford (Lund University, Sweden); Dr. Neil Cherry (biophysicist, Lincoln University, New Zealand); Dr. Peter Franch (St. Vincent’s Hospital, Australia); Dr. Robert Becker (author, *Cross Currents: The Perils of Electropollution*); Dr. Ross Adey (chief investigator of cell phone radiation for Motorola before he was fired over his findings) – all speak of exponential EMFs in dire terms. Speaking for many, Dr. Vini Khurana, renowned Associate Professor of Neurosurgery in Australia urges everyone to stop using cell phones immediately.

Smart meters operate on cell phone frequencies. And studies have confirmed that low power levels are extremely dangerous because they more closely mimic – and confuse – the human body’s intercellular communications. As a Jewish lawyer told Bennett: “The holocaust pales in comparison. This is getting them all.

Another scientist worries about the heavy petrochemical loading in human bodies – “and now you’re pulling this electromagnetic trigger.

”When it comes to a smart meter’s jagged 2.4 billion hertz pulses overpowering 8 hertz human brains, Bennett predicts that if it is allowed to go ahead, the smart grid will cause “catastrophic electrical failure of the human grid globally.

”Before that happens, we could be looking at entire nations of electromagnetically lobotomised zombies. And before that, an electro-hypersensitivity epidemic could unleash a firestorm of lawsuits against MDs alleging malpractice.

“All medical diagnosis are inaccurate that don’t take into account the electromagnetic environment – misdiagnosis across the board.” Bennett sighs. “What a mess. And that’s the reason we’re not supposed to do it. As professional electrical engineers, we wouldn’t send children to school and electromagnetic induce them and cause neurological problems and then test and grade them – ‘You appear to be a little slow here. Better take this drug.’”

Then he brightens.

“The best part,” he affirms, “is North America medicine. They’re taking this very seriously.”

In the past six months Bennett says, North American medical education has been drastically upgraded with accredited courses in electromagnetic fields now required for licensing.

“What we are representing is acceptable medical education,” Bennett elaborates. “EMF education credits are now recognised in Canada. These continuing education credits are mandatory for health, legal and other professionals to maintain their accreditation.

“Once they are informed about EMF dangers,” he adds, “Doctors cannot leave this out of their diagnosis. *You cannot leave out the wireless environment in your diagnosis.*” Now *that’s* a game changer.



## HORNBY HOLDOUTS

Curtis Bennett’s advice for Hornby Islanders and anyone else facing smart meter-wielding invaders is simple: “Don’t let them come on your property. Recklessly endangering you – that’s a criminal matter. They have no right to be on your property to install and maintain illegal equipment.

”Addressing our trustees, Bennett says that in all their spin-doctoring, BC Hydro left out the mass effects of routers buzzing in a human-inductive grid. “How are you supposed to administer with this info left out? These things are very dangerous. You need to pay attention.”

Heads in the sand leave vulnerable butts to be kicked. Saying “I doubt it” to the weight of scientific evidence, while passing on BC Hydro propaganda unquestioned does not exempt an administrator from criminal negligence, Curtis Bennett adds.

“Authorities are investigating,” he warns. “What’s coming down the road you can’t even imagine. There’s going to be some real hell coming to pay for this.

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