THERMOGRAFIX
consulting corporation

February 8, 2013

Ms. Erica Hamilton
Commission Secretary
British Columbia Utilities Commission
Sixth Floor - 900 Howe Street
Vancouver, BC V6Z 2N3

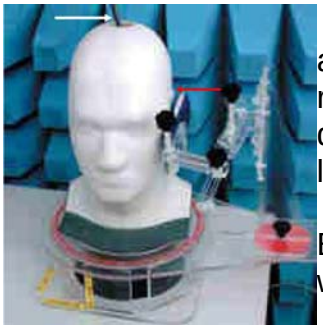
Via email: Commission.secretary@bcuc.com

Re: FortisBC Inc Advance Metering Infrastructure CPCN: IR#3 Deployment Costs

Dear Ms. Hamilton:

Deployment costs have to incorporate the scientific reality of an application to employ a wireless smart grid with a coverage area of 17,000 sq. km to communicate with smart meters on buildings.

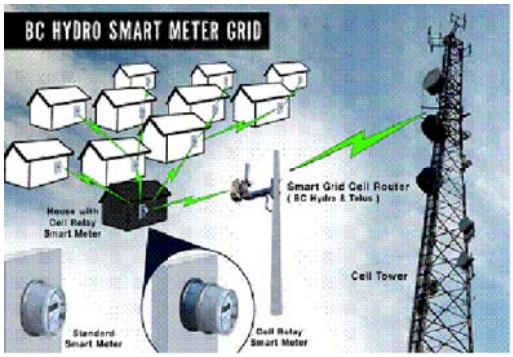
My questions may seem controversial but they are the scientific reality of a wireless deployment missing extremely critical data on safety of humans, buildings, infrastructure, ecosystems and everything in the coverage area. To demonstrate this I have placed a picture of the science used supporting the safety of the wireless application.



This picture of the Specific Absorption Rate Test is to the left and has a temperature probe in the top to measure any heat effect from the radiation of a cell phone. Exposure to smart meter frequencies is deemed safe 24/7 because the smart meter isn't held against the head like a cell phone. Thermal or non thermal were the test determinations.

BC Hydro is using the same science to qualify the safety of their wireless smart meter program in BC.

Here is a diagram of BC Hydro's smart grid showing the whole wireless circuit.



Everything in existence has electrical properties that can be verified by the Periodic Table. The basics of everything is neutrons, protons and electrons. There are very real reasons we confine electricity to wires. Fortis BC covering 17,000 sq. kms with high speed EMFs will interact with everything in the coverage area.

1. How many buildings in the Fortis BC coverage areas? Can Fortis please adjust the unit costs per wireless meter to accommodate the costs for each and every building hit by the EMFs? The frequency interaction with the buildings will put the buildings in violation of Part 4 of BC Building Code.
2. Can Fortis adjust the unit cost of wireless meters to accommodate health costs and liability from adverse health effects including death of the humans inside the coverage area?
3. What types of agriculture, farming, industries and businesses exists in the coverage areas? Can Fortis adjust the unit costs per meter to incorporate the production losses and other costs to these industries?
4. Are there timber leases or lumber mills in the coverage areas and can Fortis adjust the costs per wireless meter to affect losses of industry?
5. Will Fortis please adjust the unit costs per wireless meter to reflect the infrastructure losses to every municipality and over the coverage area for accelerated corrosion from frequency interaction?
6. Can Fortis adjust the unit cost per wireless meter to reflect the costs of adversely affecting everything in the ecosystems within the coverage areas?
7. Can Fortis and their estimators incorporate any other direct or indirect costs associated with radiating the entire coverage area and everything the frequencies hit?
8. Frequencies hitting anything in 17,000 sq. km could create an electrical charge waiting for a discharge in volatile areas, can Fortis adjust the unit costs per meter for the insurance?

There is nothing natural about these frequencies and they will interact with everything they touch or go through. This isn't research or hypothesis, the science is called electricity. Part of my education includes construction estimation, quantity takeoffs and the additional unit costs are the reality.

Safe wired options for meter reading are the only cost effective route. I have included a link to a Texas utility that reads the analog meters through existing wires by counting the revolutions of the disks in the analog meter. http://www.thermoguy.com/blog/index.php?itemid=114

Sincerely,

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