

Firstly, I note that the form is set up primarily to receive comments from lawyers. Since I have never known a lawyer who knew very much about science I am not encouraged.

Unless the laws of physics are repealed, BPL will render the use of the HF radio spectrum impossible for all licensed HF radio services 2 MHz & up - anywhere near a working BPL system. I must assume that either: (1) the FCC knows this, & plans to go ahead with BPL and eliminate all these radio services, or (2) the the FCC is in denial about the science, & plans to wait until tens of millions of dollars have been wasted on BPL before admitting that BPL systems are incompatible with the existing licensed services and (only then) end BPL. Either way it is a grim picture.

There are many other more efficient & less problematic technologies available to extend broadband access to rural communities. Since I must assume that the FCC knows this, I am at a complete loss as to why the idea of BPL was ever considered in the first place. Could it be that silver-tongued lawyers are able to "pull the wool" over the eyes of commissioners?

Our national power grid is not in the best of condition. The powerline arcing & sparking - that occurs every minute of every day on most systems in the country already produces a nearly infinite number of illegal & harmful (to communication) incidents of spurious emissions. Into this ill-maintained system, we now understand that RF energy is to be deliberately introduced! Gentlemen, I am agast! Powerlines are not made of shielded coax. They are not RF transmission lines. They are, in fact, much more like long-wire transmitting antennas. That is how they will & do act with respect to RF energy. The radio spectrum is already so polluted by unshielded cheap foreign-made consumer devices that we should be trying to clean it up - not further pollute it. I am sorry to be emotional about this issue; but I must tell you that I sincerely believe that to seriously consider another spectrum polluting technology like BPL at a time like this, a time when emergency communication has never been of more importance to our "homeland", is literally "madness".