

I would like to see the FCC do a lot more soul searching before they allow BPL to be implemented which should end up with the FCC not allowing it to go any farther. RF radiating all over the spectrum from transmitting over an open transmission media is every poor engineering practice and is a violation of ITU laws. As in all systems it is the nonlinear elements that will be one of the major problem with BPL. That is the nonlinear parts (connections) will create harmonics that will even get into the VHF television spectrum. Emergency communications will be hindered to levels that could be directly responsible for the loss of life because of interference to the aeronautical frequencies.

There are many technologies that make BPL unnecessary. During my working years I designed broadband systems and the electronics to go into them and was even involved in the conceptual design of BPL technology. During the conceptual design phase BPL was proven by numerous lower level engineers to be a stupid technology. BPL will never be able to carry the high bandwidth demands for mass distribution of video much less the up-and-coming HDTV which the public can't seem to afford anyway.

We have Broadband over Cable TV, Broadband over telephone, Broadband Sat. systems, and Broadband microwave systems so do we really need to put Broadband on an open power grid systems that at time has a hard to even distributing power.

I personally view TV over the air and the Internet over the phone line. Now please explain to me why I need BPL when I have no need for Cable TV, Microwave TV, or SatTV.

In summary BPL is an ignorant approach to a technology that has already been overly saturated. Second technology needs the FCC to do what they are suppose to do be the watch dog and not the promoter of technology.

Sincerely yours,

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