

Sirs:

I wish to register my opposition to the BPL proposal.

Experiments in other parts of the world (notably Japan and Scandinavia) have revealed that, contrary to the position taken by the power companies, such transmissions produce an extremely serious interference problem in the proposed range of operation (2-80 MHz).

The power companies have claimed that such is not the case, and additionally, should such interference occur, they would work to overcome the problems. I am skeptical of this in the extreme, especially given the poor performance evidenced by power companies in resolving existing interference problems that arise from their power transmission activities.

The open wire used to transmit electric power will work as an excellent radiator of the RF energy used in the BPL transmissions. Since there are power wires near virtually every residence, business, and along most roads in the country, the BPL transmissions would be right on top of homes, businesses, hospitals, etc.

My concern focuses primarily on the issue of interference. I believe that BPL transmissions would have a serious negative impact on existing radio-based activities, including (but not limited to) broadcast radio reception, broadcast television reception, cordless phones (which are prone to interference problems even without BPL in the picture), cell phones (due to potential harmonic interference and inter-modulation problems), paging services (for the same reasons), sensitive laboratory equipment, hospital monitoring equipment, as well as amateur radio activities.

As mentioned earlier, these interference concerns have been borne out in experiments in other parts of the world. Japan has specifically decided NOT to permit implementation of BPL for these very reasons.

I believe that there are better, and more efficient ways of providing broadband internet access to the country that don't involve blasting radio interference from every power transmission line in the country. I feel that the power companies would be better served if they stay in the business of delivering power, not Internet access.

For the record, I am the holder of an Extra Class amateur radio license, KC2FYJ.

Thank you for your time.

Respectfully,

Harry Gross