

I'm writing to express my disapproval, as a citizen, for the contemplated spectrum pollution which would result from the deployment of BPL/PLC equipment.

As an amateur radio operator, I'm naturally distressed by the increase in harmful interference and increased background noise that would result from this technology. As a citizen I worry about the potential damage done to amateur radios ability to serve as a communication channel of last resort. Every year hundreds of disaster victims and others in distress receive communications help when no other means is available.

And, there is little doubt that harmful interference will occur. Numerous studies have demonstrated the this technology WILL radiate harmful noise in the RF spectrum. THE ARRL site documents many of these studies.

It also seems to be an unnecessary interference. Currently, DSL and Cable Modem technology are being rapidly deployed to provide high speed internet access without causing harmful interference. There is NO evidence that a PLM-based service would offer any economic or technical advantage over these two alternatives.

There is also the problem of communications security. Since the traffic carried on the power lines would freely radiate, it would be straightforward for others to eavesdrop on the transported traffic.
Thank you for your attention to this matter

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