

Dear FCC, I am very concerned over the plan to implement Broadband over Power Lines. I am a licensed Amateur Radio operator and a primary user of that allocated frequency spectrum. The Amateur Radio service provides a valued service to Americans. Amateur radio operators assist in times of natural disaster and provide communications when other methods of communication are disrupted. I am troubled because this technology will render the amateur radio service completely useless because the radio frequency noise generated all over the frequency range of 1.7 to 80 MHz. I am also a consumer of licensed shortwave radio broadcasts. BPL would destroy my right of receiving information via shortwave radio broadcasts.

The radio frequency interference generated by Broadband over power lines, is likened to what the Soviet Union did when they jammed external radio and TV signals coming into their country. In essence, BPL would use our nation's power grid to create nationwide jamming for licensed radio consumers in that spectrum. BPL interference would render a complete blockage to shortwave broadcasts both domestically and internationally. The radio jamming would eliminate the free communications medium of shortwave broadcasts.

I ask the FCC to reconsider approving BPL usage. There are many alternatives to BPL, such as cable TV providers and satellite technologies. These technologies are already proven and they are at a reasonable cost to the consumer and they fit into their allocated frequency spectrum without disrupting other frequencies. Since BPL is so immature the costs to implanting it and providing it to consumers at a lower cost than already mature products is unlikely. Lastly, I find BPL discouraging because the noise from this technology will disrupt many other licensed services just to provide another avenue for Internet access. I urge the FCC to review the technical findings provided by the American Radio Relay League (ARRL) and push manufacturers to try and provide a good technical argument against the ARRL findings.

Sincerely,
John Bettasso

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