

Hello,

I am commenting on the implementation of Broadband over Power Line. I work as a consultant for a signals intelligence company, located near Washington, DC. I live in Colorado, and my consulting business consists of detecting faint signals on the HF band and writing software to analyze and decode them. I believe that BPL will have an adverse economic effect on my business. I believe that the effect of BPL will negatively impact national security by making it more difficult for our intelligence agencies and their vendors to effectively collect signals intelligence from the United States. Now, more than ever, it is imperative that this not be the case.

BPL will also adversely impact many HF communications users in the United States including military, homeland security, maritime safety, and public safety. Due to the nature of HF, implementation of BPL in the United States will also impact users in other countries, thus violating our obligations under international agreements.

There are many alternative means to provide broadband internet access to homes that do not involve broadband noise across the HF spectrum. These should be used instead; BPL is simply not a good technology in that it negatively impacts too many other spectrum users.

Thank you for your consideration,  
Ben Mesander