

I recently became a licensed Amateur Radio operator, and I wish to express my concern over the use of BPL. I have on the other hand, been involved in computer systems and datacomm for better than 20 years. I put forth a few questions to the FCC.

1.) Is BPL truly a competitor to cable and other delivery methods, including wireless? From what I have read on the subject, it is very debatable as to the amount of actual, reliable bandwidth will be available to a well populated network. With ambient interference, and other problems, users might not end up with what they thought they signed up for. Will the FCC or FTC handle consumer complaints?

2.) Do the power companies have the resources to dedicate to this? I was among many millions this past summer that enjoyed a day in the stone age due to our aging power infrastructure. Should our power companies get involved in a new line of business while they can't keep the main line up and in order?

3.) Cable television companies must monitor their systems for any leakage- especially on aviation frequencies. Maybe we could have lower cable rates if you give them the option of notching out certain frequencies so they don't have to perform expensive monitoring?

4.) How will interference mitigation be accomplished. Would an operator have to call the utility to ask them if 14.250 can be made available noise free? For how long a period?

5.) How will you handle adjoining service areas? If there are two utility companies providing service closeby, how do you determine which one is creating the interference, and what would the mitigation work in this case?

6.) What about interference from operators of radio transmitters to BPL users? If an amateur (or public safety) operator's transmissions jam BPL, assuming the station is of good engineering design, etc. Who is responsible in reality? Yes, there is Part 15, but there is the reality of upset neighbors.

I thank you for allowing me the chance to make this submission to you.

Respectfully,
Bruce Gronich