

I am writing to inform you that I am against the deployment of BPL as described in this Notice of Inquiry. ET Docket 03-104. I believe its implementation will cause a big mess for the FCC, the licensed services already using the spectrum, and the power companies or providers of BPL. My opinions follow.

Why is it necessary for yet another method to provide internet access. We already have dial up, DSL, satellite, and cable. The people who would have the means and desires to have an internet access already do. One argument is that this can "bring internet to more people". Well if a person doesn't already have a phone they are unlikely to have electricity. If they do have electricity but no phone then I don't think they are the type of people who will clamor for internet access.

I recently noted that Riley Hollingsworth, of the FCC Enforcement Bureau, had sent out letters to about 3 or 4 electric utilities because their equipment was malfunctioning and causing interference to licensed stations in the 2 to 30 MHz spectrum. If these utility operators can't maintain their present incidental radiators in a manner to comply with the FCC part 15 rules then why are we to assume they can do better when they are actually putting 2 to 30 MHz RF onto a 1 mile or longer antenna albeit a power line. Seems the FCC would have a lot more work to do if this became a reality. I live within 30 meters of the secondary line and would have severe interference problems if BPL was here. Back in the 1930's a ham operator communicated over 2000 miles using milliwatts.

Finally the licensed users of this spectrum who transmit in the proximity of these power lines would probably cause interference to the BPL system. I believe this will cause neighborhood feuds between licensed users and people who want to surf to their favorite WEB site. Most people will not understand and will not accept it as the "laws of physics". Now it becomes a societal problem which will lead to laws and the abrogation of some peoples rights.

I am an amateur radio operator who enjoys the hobby and doesn't want to see my enjoyment diminished. This hobby has been with us since the days of Marconi. It is a worthy technical pursuit that brings international good will. Many governments have dismissed this technology as impracticable. PLC for the present is rejected by the Finnish Telecommunication Minister. Mr. Olli-Pekka Heinonen, had answered to the question of a Member of Parliament regarding the introduction of PLC in Finland: "For the present, because of the technical problems encountered, introduction of PLC technology is not possible". Japan has said no also. As another matter of interest I quote from the ARRL web site, "NUON in the Netherlands is not going to offer its digital services through the power lines any longer. It will stop its services in the beginning of July. They have determined that the technology is too limited and that it is still not commercially attractive to offer internet services through the power lines. NUON claims that the test they performed shows that it is possible to offer internet services on a small scale. However, the technology is not ready yet for a large scale applications. One of the biggest problems is that it is very susceptible to interference. The Telecom Agency of the Dutch Government has determined through measurements that signals are too strong and cause interference to radio communications. "

Besides governments there are large technical radio societies that are not in favor of BPL. The ARRL (American Radio Relay League) and the RSGB (Radio Society of Great Britain) I believe are two. These are RED flags!

Amateur Radio is a valuable, licensed radio Service that provides important communication in times of emergency.

In the last few years this has been shown time and time again including providing communications during the September 11th tragedy when commercial and public safety communications were down, helping to locate parts of the Shuttle wreckage, and providing communications during severe weather.

This is not needed and not wanted by the present users of the spectrum. In my opinion the implementation of BPL will only destroy present users of the spectrum abilities to communicate effectively and will do nothing for our economy.

Respectfully

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