

Dear FCC Commissioners,

So far the BPL/PLC industry has not addressed the interference issue. There is a very good reason for it. BPL/PLC technology causes harmful interference as studies in Japan and Europe already have shown. I will offer you one link to a resource page where you will find many links to official (governmental) studies, audio and video streams:

<http://www.arrl.org/tis/info/HTML/plc/>

Please take the time to research this page and experience through the offered material what the introduction of the PLC/BPL service means in terms of interference. This will answer many of the questions asked in the NOI.

Trials are underway in a dozen states within the US but their locations are kept secret. The reason is again obvious. The BPL/PLC industry does not want anyone to actually find out how much harmful interference their products are causing. As we can see from presentations by the BPL/PLC industry, it refers to the interference issue as a "misplaced fear", especially by Amateur Radio Operators. However, nothing is offered by the BPL/PLC industry to counter this so called "misplaced fear". If this fear indeed would be misplaced, then that could be easily proven through tests by an independent party. Since the industry declines to do this, one can only conclude that the fear is real enough for the industry to cooperate in such tests.

One should also realize that the interference produced by BPL/PLC technology does not stop at the borders. The signals produced by BPL/PLC technology will propagate to neighboring countries by skywave propagation. One study found that a BPL/PLC signal emitted in London could be received in Rome. The U.S. will not create a lot of goodwill by allowing noise levels to increase significantly in neighboring countries because of the introduction of PLC/BPL technology in the U.S.A.

It is the duty of the FCC to protect licensed services from harmful interference caused by unlicensed services. I sincerely hope that the FCC will not simply change regulations in order to accommodate the introduction of this new technology without ensuring that licensed services will be protected from interference caused by BPL/PLC technology.

Thank you for your time.

Sincerely,

Alexander Krist  
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U.S.A.