

BPL is a very bad idea! Since power lines are unshielded, it will generate a background level of RF noise that will interfere with communications receiver equipment. It could render low power HF communications unusable!

The RF noise will undoubtedly interfere with the normal operation of televisions, commercial radios, specialized communication equipment and possibly other low power wireless services like surveillance cameras, garage door openers, etc. It is a cheap but sloppy solution; a bad excuse for not doing it properly. Why not wire optical fiber right to homes, like we do with copper wire for telephone and cable? Then consumers will have all the bandwidth they will need for the foreseeable future without any chance of interference, since lightwaves do not leak out of the fibers as RF does, especially in unshielded wire like power lines.