

Broadband digital communication over powerlines can be extremely useful for many rural Americans. However, the interference of this mode of communication should be treated like all other users of the radio spectrum. Any device whose radiated power crosses international borders will have to meet international treaty rules and regulations as well as those set by the ITU. BPL also will have to meet the standards imposed on all users of the RF spectrum when it must consider harmful interference to other services. In its present form BPL poses a significant RF interference problem because each conduit is actually an antenna whose radiant pattern acts like a blanket coverage transmitter.