I believe the BPL concept has been hyped to make everyone believe it will be the answer to having reliable and low cost highspeed Internet access. In my opinion, BPL will be plagued by all sorts of RF interference and other interruptions. If my data-dedicated, fiber optic DSL connection goes out as often as it does for whatever reason, I can imagine BPL, which runs over non-dedicated vias, will have very high rate interruptions. The cost of preparing and maintaining power lines to deliver reliable data speed connections will be enormous. If it were easy and cheap, a proven technology like DSL would have done it already
.
Running an RF signal like BPL over miles of antenna-like transmission lines will not only make it susceptible to static, arc and other electromagnetic energies but it will also generate it's own RF energies that will interfere with other radio services. Everyone knows that a few milliwatts of RF power can travel thousands of miles, especially on the frequencies that BPL will be operating on.

There are already alternatives technologies that provide reliable and highspeed connectivity. These include DSL, Cable and Wireless. All have their strengths and weaknesses and we should concentrate on those rather than spreading the efforts so thin.

I'm a technologist and I'm all for innovation. But when an idea comes along plowing through without considering potential harm to existing services and making exaggerated claims, I have to draw the line. To me BPL is analogous to carving out a dirt road next to our highways so others can drive it cheaply.

Regards.