

Broadband Over Power lines – (BPL) Docket 04-37

Broadband over power lines seems to be the future of high-speed Internet access for many Americans. Almost every home in the U.S. has a connection to their home giving them power service, if it were possible to offer a cost effective option to connect these homes to the internet utilizing this conduit, individuals in places where it is currently financially burdensome to offer cable or DSL options would be allowed the option of high speed internet access. The Internet has established itself as a quick and easy way to conduct business, communicate with one another, and essential in news and information gathering for many Americans. With technology advancing leaps and bounds and the Internet focus shifting towards interactive and bandwidth heavy content, many Americans who do not have high-speed internet access, or internet access at all are put at a great disadvantage.

Being a web designer and interactive multimedia designer it is of great personal economic interest to have a viable and economic broadband Internet option available to all people, even those in rural areas. These economic interests outweigh any of the negative aspects of this technology. Arguments have been made mentioning that broadband over power lines will interfere with amateur radio correspondence and communication. However, I feel that the positive economic implications from allowing anyone with power lines entering into their house the opportunity to use high speed internet access outweigh these points. This not only helps those in various media industries, it also provides a whole new range of Internet providers who can benefit from this new technology. As time passes new versions of the technology will be developed to minimize any extra interference created by this technology negating arguments made by amateur radio enthusiasts.

When telephone communications emerged as the new wave of communications technology, the idea of "Universal Service for Everyone" was adopted and used as the tagline to push this technology forward. The idea that everyone should have access and the opportunity to use this emerging technology was the drive and push that this technology needed to breakthrough. Like a phone system Internet access at this time

requires much cabling and is very capital and time intensive. I would like to see the FCC take up the idea of "Broadband Service for Everyone" so that every American may have the opportunity and the chance to have access to high-speed Internet access. Through using the existing conduit into every Americans home and the infrastructure that already exists, it seems that Broadband over Power lines is the clear choice in delivering "Broadband Service for Everyone" and making sure that all Americans are included in the internet revolution.