

I recently visited Emmaus, PA, one of the test sites for BPL technology. In much of that town it was impossible to receive any AM broadcast signals because of noise emissions from power lines. If BPL technology is widely implemented, this broadband, wide-area "noise" has the potential to generally preclude AM broadcast reception in a manner similar to Soviet-era radio jammers.

Shortwave radio, including international broadcasting, Amateur Radio, Civil Defense, and military has the potential to be jammed thousands of miles from the source because power lines can function as antennas. Because these services depend upon reception of weak

signals, much weaker than local AM radio stations, the jamming potential of BPL in the shortwave radio spectrum is even greater.

Japan studied BPL technology and chose NOT to implement it. BPL technology has been allowed in areas of Europe and my research indicates the undesirable impact is becoming more and more evident there. When a new technology, like BPL, has the potential to cause widespread harm to many existing users of the radio spectrum, then the spread of that technology should not be encouraged, or even allowed.