

I believe that BPL should be given more study before being implemented. The single-phase power lines (Line and Neutral) that typically serve residential and many rural areas are inherently unbalanced and therefore will act as antennas and radiate any radio-frequency signals they carry. This radiation will cause widespread interference to other services, both broadcast and amateur radio, and in turn BPL lines will be interfered with by external signals. Radio-frequency signals in the HF range will propagate over great distances in spite of low power levels, and this interference could affect large areas.