

I don't think Broadband Over Powerline should happen for two reasons. The first reason is that it has been shown to cause wideband interference to existing radio users. The second reason is that the electric power distribution systems are in already in bad condition, as shown by the massive blackout in August of 2003. In order to reliably carry data by modulated signals, the power lines would need to be in even better condition than what is necessary for simple power distribution. In a communication system, reliability is the most important factor, and Broadband Over Powerline probably can't reliably carry data in most of the existing powerlines in this country.