Being an amateur radio operator and also a radio operator in the past for various government entities I have the following concerns.

It has already come to the attention of the FCC that the BPL interests already did not want amateur use of 5MHz spectrum as to possible interference to their new technology. If this is true than would it not apply to a method of tranfering data to the general public on such frequencies and such lengths of unshielded transmission lines with little to no suppression of affects on radiated energy containing data? Let alone the power companies have hardly satisfied worries of their systems causing interference from poor maintenance now. At low frequency, radio navigation must also be considered. This may not only cause interference for interests in the US as well as it may cause interference to other world wide services in the HF-LF spectrum. I think before this new technology is considered I would recommend what kind of impact it has on already established services and not cause harmful interference to Government, National security (ie;ALE devices), and frequencies used in communications emergencies. My other concern is that this being an unshielded transmission device that goes down almost every street in america that there is a great possibility that every transmitting antenna that it passes by or that passes by the power line will interfere with its data transfer (the lines), so I wouldnt propose putting this technology on any primary exclusion to interference either way. I would also like to mention that all service supplier and end user computer equipment would have to have non interfering insulators at the transfer point from AC power to DC data as many aftermarket in-home data sharing tecnologies have shown to cause interference locally already. I feel that predecessors to this technology have frightened alot of RF users and that the power industry would need to overcome this by setting an excellent standard of non interfering data transfer to be accepted by the RF community.