

I am writing to express my concern and opposition to the proposal to permit broadband internet transmission over the power grid. I am deeply concerned that this will greatly increase noise levels, especially in urban environments such as the one that my amateur radio station is located in. I find it ill-advised to initiate a service that poses a serious threat to the frequency ranges where much of the emergency communications take place. If this proposal is granted, and the interference is as severe as I suspect it will be, many will cease to operate in the HF spectrum, thereby depleting the reservoir of operators that will be available in a time of regional or national disaster. This proposal is not essential for providing reliable internet communications. There are many other technologies for providing this service which pose little interference threat. How will utilities prevent these signals from radiating freely from an unshielded long line. How can such a line at HF frequencies serve as anything but a radiating antenna? Unless this technology can be implemented in such a way as to provide no additional interference to the licensed users of the HF spectrum, I would urge you to reject this proposal. Its potential benefits do not come close to offsetting the potential damage that it can cause.