

To The Commission,

As an active amateur radio operator (K2UT), I am extremely concerned with the proposal for broadband delivery of data services over existing powerlines. The potential for interference to many RF-base services is tremendous. This proposal could make most of the HF bands all but unusable. During peaks of peak sunspot activity, the world will thank us for providing a blanket of RF noise on otherwise useful frequencies.

The power grid was NOT designed for this sort of application. Every other broadcaster must conform to many technical standards to reduce the levels of unwanted interference to other services; it seems that this entire proposed service is nothing but a tremendous source of interference to every existing licensed user of the HF bands!

As I read comments from proponents of this proposal, I see that even they are emphasizing the need to address interference with other services. The people who are in favor are pointing out potential problems? How often does that happen? This should be a clear signal to the FCC that this idea is not a feasible one, and should be abandoned. Other countries have experimented with these services, and while they were able to deliver data to users, they definitely caused problems to existing RF based services.

I understand the Commissions desire to provide low-cost broadband data access to the American public, and I do support that cause. However, please continue to look for more practical solutions instead of this shot-gun approach.

Sincerley,

Robert Applegate