

From: [Lee Matchett](#)
To: [BOCrfc2015](#)
Subject: Broadband Opportunity Council
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Hello,

I am an owner of a rural Broadband Internet Service Provider. I will make this short and sweet. Removing unnecessary rules and regulations is all that is necessary to ensure very high speed and very competitive Internet reaches 99% of the rural population that is currently without options (other than the options of satellite or cellular data plans). Here is how:

We focus entirely on rural areas and customers. The challenges are the cost to deliver the last 1 to 100 miles. This is easily and inexpensively met by terrestrial broadband wireless infrastructure, except the infrastructure requires cooperation by the federal agencies involved (BLM, Forest Service, and FCC). The BLM and Forest Service must provide unimpeded access to the key strategic mountain top sites required for the microwave hops to get from the ISP's fiber connection location to the rural end user. As it is, the BLM and Forest Service are very heavily committed to a mostly non-cooperation status for anything and everything "commercial" in nature. Consequently, we are left with trying to find private property (often impossible for many areas) or existing communications sites (often not in the locations required) in order to try to reach the intended rural customers. If they were cooperative, we could install fully self-contained, solar powered sites in the required strategic locations to reach the customers.

If anyone is interested, I can privately give you very specific examples of how the mentioned agencies have effectively impeded our efforts to reach these customers. It would need to be a private discussion, because we have found these same agencies to be highly vengeful if called out, and they have the power to put us out of business at any time if they so desired.

The FCC could accommodate as well, by providing special spectrum allowances for the required rural point-to-point and point-to-multipoint microwave links needed to effectively reach these customers. The tight spectrum and power regulations currently in place are in many cases to protect spectrum-crowded areas, regulations usually not needed in the rural settings we are talking about. A simple system could be setup where exceptions are "licensed" by the FCC at no charge to the ISP, and based on approval of the geographic locations of the links.

There ya have it. It is truly that simple. Glad to talk to anyone about this further.

Lee Matchett
FireServe Broadband Internet
900 Main Street, STE B
Klamath Falls, OR 97601