**From:** Leslie Nulty <leslie.nulty@mcfibervt.com>
**Sent:** Monday, April 29, 2019 11:38 AM
**To:** Faith Brown <FBrown@leg.state.vt.us>
**Cc:** Christopher Mitchell <christopher@ilsr.org>
**Subject:** information requested

Faith:  please pass on the following information to the Committee.  Senator Cummings asked me to provide confirming information regarding my statement that rural electric utilities deployiing broadband are not using their transmission infrastructure for that purpose.  I contacted the Institute for Local Self-Reliance (ilsr.org) who has an extensive program monitoring broadband development by municipal utlities and co-ops.  They have identified 92 electric co-ops who have or who are building out broadband.  Not a single one is using transmission infrastructure for that purpose.   They report that while electric utilities run an internal telecommunications system known as SCADA to monitor their operations, the SCADA infrastructure does not have sufficient density/capacity to support fiber-to-the-premises for their communities, nor the appropriate electronics to manage such a system. Hence it is more cost-effective for them to build FTTX denovo, as my testimony stated.  I have other information sources I can contact if required - just let me know.  If the committee would like to verify this directly, they should contact Chris Mitchell, christopher@ilsr.org.


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Best Regards,

Leslie Nulty, CFO, Secretary-Treasurer
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*Mansfield Community Fiber believes that robust broadband is a vital necessity for community vitality and quality of life.  We are dedicated to extending state-of-the art broadband communications to underserved rural areas of Vermont.   We operate on the principles of a sustainable socially-responsible business, respecting the needs of people and planet as well as profit.*