

DATE: Monday, February 17, 2014

FROM: Kevin Wood – Sr. VP Corp Services
[People's Electric Cooperative](#)

TO: Federal Communications Commission (FCC) Staff

SUBJECT: Expression of Interest – Rural Trials
Docket No. 10-90

Background

For over 75 years People's Electric Cooperative, PEC, has provided reliable, affordable electric service to approximately 15,000 members. We are beginning to explore FTTH as a solution to our member owners' broadband needs. Currently, the majority of our members' do not have access to adequate broadband service.

Geographic Territory –

PEC is proposing to serve their entire territory with FTTH. PEC's territory covers parts of 11 South-Central Oklahoma counties. Counties served include Atoka County, Carter County, Coal County, Garvin County, Hughes County, Johnston County, McClain County, Murray County, Pittsburg County, Pontotoc County and Seminole County. This service area, extending 43 miles east, 36 miles west, 36 miles north and 37 miles south of Ada, contains approximately 4,500 miles of distribution and transmission lines. PEC distributes electricity to over 21,000 locations, which equates to 4.6 meters per mile of line.

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List of Anchor Institutions

(Schools, Libraries, Health Care Centers, Hospitals, and Government)

Schools: Latta Public Schools, Moss Public Schools, Stonewall Public Schools, Tupelo Public Schools, Vanoss Public Schools, Pontotoc Technology Center, various volunteer fire departments.

Proposed technology

(Describe Technology, Services Offered & Proposed Speeds to be offered, Price)

We are exploring the possibility of offering FTTH. Initial speed of service would be 10Mbps with expansion capability up to 100Mbps or higher. Other services such as television could be offered at a later date. Anchor institutions such as schools, hospitals and emergency services would be connected for emergency management.

State and/or Local or Tribal Government Participation in and/or Support for Project

(Describe funding, expedited permitting, access to rights of way, etc)

None currently.

Existing Providers

A couple of providers operate within PEC's territory but only a small portion of PEC members are geographically eligible for their service.

Project Timeline

PEC is just beginning to explore offering broadband services to its members.

Scalability

(Describe how and if project is scalable)

PEC would phase the project based on population and EMS locations.

Total Utility Investment

\$4 million

One Time Capital Infrastructure Investment Needed

\$6 million

Total Project Cost

\$10 million