

February 14, 2017

RESUME

A-1. Presentation and Possible Action on Broadband Proposal by Prince George Electric Cooperative.

Mr. Micheal E. Malandro, President and CEO, and Casey Logan, Vice President of Engineering, of Prince George Electric Cooperative, will be providing an update on the pilot program – fiber to the home – along West Quaker Road and Route 156. PGEC has created a new subsidiary company, PGEC Enterprises, to operate this new business program. The presentation will include a status of the pilot program and the potential of such an initiative to be expanded in the community.

Prince George Electric Fiber to the Home Test Case - Update

Casey Logan, P.E.
Vice President of Engineering

Since We Last Met

- Virginia SCC approved the cooperatives subsidiary, PGEC Enterprises, to pursue Fiber to the Home projects (late December)
- Went door to door down West Quaker Rd to listen and talk with members about what we are offering
- Started construction to deploy to the fiber drops to home

As of Today

- We have over 40 applications for fiber installation
- Installed fiber for the first member on February the 7th (first in Virginia to do so)
- We currently have installed ___ members as of tonight's meeting, with the remainder to be installed by the end of February

Internet

- For the test case, internet speeds will be up to 30Mbps for each installation
- No restrictions for the amount of data a member uses
- Speed is greatly increased for fiber optic cable, “no buffering”
- Cost: \$75/month (data package) + \$7/month (router lease) = \$82/month

Where Are We Going...

- PGEC is currently installing a backbone fiber network that will join our substations
- PGEC will be investing over 5 million dollars in the next few years to accomplish this
- This backbone will provide the opportunity to distribute Fiber to the Home throughout our service territory

Prince Paving
Recloser



Branchester
Collector



Brickhouse

Roads
Rt 156
Middle Rd

Jordan Pt Recloser



Rivers Edge
Collector



Garysville

Roads
Old Town Rd
Pole Run Rd
Cedar Rd
Lebanon Rd
Elbs Rd
Rt110

Spring
Grove

Roads
Swanns Point Rd
Beaverdam Rd
Hollybush Rd
Gipart Rd

Rt
Runny
White

Roads
Pole Run Rd
Centennial Rd
Heritage Rd

New
Bohemia

Roads
Rt 40
Beaverdam Rd
Petersburg Rd
Cabin Pt Rd
RT 460

f
Walr
Geor

Mom's Recloser



Carsley Collector

Waverly

Roads
Beetsak Rd
Louis Shop Rd
Rt 40
Oakdale Rd
Neblets Mill Rd
Rt 35
Templeton Rd

Bakers
Pond

Roads
Shingleton Rd
Walnut Hill Rd
Georgetown Rd

QUESTIONS?

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