

LYNNVILLE, ELKTON, AND MINOR HILL, TN

Community Hotspots

Pulaski Electric System (PES) Energize will install community centric WiFi hotspots in rural communities in Giles County enabling residents access to high-speed internet.

BUDGET

\$12K

\$8K

TVA Connected
Communities

\$4K

Proposed
Match

Background



Rural Need

COVID-19 brought the need for equitable access to electronic resources in Giles County to the forefront.

THE OPPORTUNITY

Community-Centered Hotspots

With the support of local governments, PES Energize can create a wide range of WiFi coverage and connection points for rural residents.

Scope



Strengthen the Fiber Footprint

of PES Energize to small rural communities.



Mesh Technology

can connect WiFi hotspots to each other and fiber optic point-to-point connections for unified management.

THE GOAL

Improved Quality of Life

Through a free, fast, reliable internet service, Giles County residents will gain access to essential services such as online education, work and telehealth.

DETAILS

Permanent
Installation

3
Communities

Positioned for
**Future
Growth**



FOCUS AREA
Equitable Access to Services



TENNESSEE
VALLEY
AUTHORITY

Performance

Key Performance Indicators

- Completion of each stage of the process
- Customer satisfaction
- Public WiFi user sessions

The Value

Reduced Digital Divide

Reliable, quality hotspots will create transformative internet access to hundreds of residents.

Case Use Study

Other groups and businesses can use the lessons learned in planning and design to create their own WiFi access points.

Key Partners

- Pulaski Electric System
- PES Energize
- Giles County
- Tennessee Valley Authority



Process

Secure Outside Contractor

An outside contractor, assisted by PES Energize administrative staff, will implement the project.

Plan and Configure

The PES administrative staff will be involved in the planning stages, oversight of the contractor work and configuration of the system and network parameters.

Install Infrastructure

Once the main infrastructure is installed, relatively low maintenance costs are required for continued services and support.

Secure Ongoing Funding

Pulaski Electric System will budget for this and cover the costs for equipment, service and ongoing support for the lifetime of the public WiFi system.