

MURFREESBORO, TN

# Providing WiFi Access and Education to New Affordable Housing Projects

The Murfreesboro Housing Authority (MHA) and other parties are working to revitalize four properties to offer critical housing to eligible residents. Internet access for these low-income residents improves access to a fair livelihood and is a necessary platform for future connected services.

BUDGET

**\$850K**

**\$595K**

TVA Connected  
Communities

**\$255K**

Proposed  
Match

## Background



### Lack of Internet for Low-Income

The initial revitalization project did not include internet connectivity for residents, which can be a burdensome cost and is a needed platform for many aspects of life.

#### THE OPPORTUNITY

### A Necessary Fix

Supporting wireless infrastructure can improve the quality of life for MHA residents and provide energy management education.

#### REVITALIZATION STATUS

**3**

**communities  
set to reopen  
in 2022-2023**

## Scope



### WiFi Hotspots

will be placed in centralized locations throughout communities.



### Educational Content

will be provided through a local internet access point, such as the WiFi sign-in page.



### Project Impacts

including adoption and behavior change will be measured and reported.

#### THE GOAL

### Far Reaching Impacts

Providing internet access will not only improve quality of life for MHA residents but planned research will provide insight that can have lasting impacts on the City of Murfreesboro and other communities.

#### QUANTITY

**3**

**property  
communities  
will be  
upgraded**

Affecting:

**300**

**residents in  
270 units**



FOCUS AREA  
Equitable Access to Services



TENNESSEE  
VALLEY  
AUTHORITY

# Performance

## Key Performance Indicators

- Usage by individual and household across properties
- Ease of access
- Behavior change
- Quality of life improvement
- Cost reductions

# The Value

## MHA Residents

- Eliminates cost burden for low-income residents
- Increased quality of life
- Opportunity for energy management

## City of Murfreesboro

- A roadmap of connected opportunities for the city and local utility

# Key Partners

Murfreesboro Housing Authority

City of Murfreesboro

Constellation Energy

SmartMark Communication, LLC

Tennessee Valley Authority



# Process

Over the course of 2 years

Determine centralized locations for the hotspots.

Lay fiber for hotspots.

Develop joint training and education program for residents.

Design landing page for WiFi sign-in.