

CONNECTED COMMUNITIES

# Round 2 Pilot Projects

## Pilot Projects Across the Region

Six project teams received TVA funding to use data and technology-driven innovations to offer improved services to their community's people and businesses. The pilot projects will run for about two years, with TVA partner organizations contributing a portion of total project costs.

### PILOT PROJECT FOCUS AREAS

- Economic Empowerment
- Broadband and Digital Literacy
- Energy and Environmental Justice
- Enhanced Community Resiliency

### MAP OF PILOT PROJECTS



## ECONOMIC EMPOWERMENT

### Engaging Children in the Power of STEM Education and the Career Pipeline

Junior Achievement of Memphis and the Mid-South will increase the technologies available at their newly launched, state-of-the-art Wang Experiential Learning Center to provide local students with workforce education and skill attainment.

**Total Project: \$447K**

### Driving Tennessee Forward - EV Technologies

Southwest Tennessee Community College is creating a program that provides the community with equitable access to EV charging stations and develops a curriculum for students to learn the necessary skills for jobs related to EV charging.

**Total Project: \$950K**

## BROADBAND AND DIGITAL LITERACY

### High-Tech Connect Center

Farmers Telecommunications Cooperative will open a community-based technology center in Kilpatrick, Alabama, that features indoor and outdoor learning environments, providing the community access to fiber internet, digital literacy training and more.

**Total Project: \$236K**

### Connecting Families for Student Success

Nashville Public Education Foundation seeks to launch the Connecting Families for Student Success, a program to enhance parental access to, understanding of and involvement in their children's academic journeys.

**Total Project: \$148K**

## ENERGY AND ENVIRONMENTAL JUSTICE

### Connected Community through Sustainable Service

Guntersville Middle School in Guntersville, Alabama, seeks to transform its lakeside area into a sunrise-to-sunset district that provides a public education space, increased amenities for residents and guests alike and an opportunity for students to learn about new, clean technologies positively affecting their community.

**Total Project: \$457K**

## ENHANCED COMMUNITY RESILIENCY

### Lighting the Way: Resilient Ripley Microgrid

The National Institute for Hometown Security is building a resilient microgrid in Ripley, Tennessee, to lower the cost of energy for local city facilities and ensure the community has reliable power during emergencies.

**Total Project: \$888K**