

TVA INNOVATION & RESEARCH

# Connected Communities

October 2022

## Addressing today's challenges with community-driven information and technology solutions to improve the quality of life in the Tennessee Valley.

Connected Communities are towns, main streets, neighborhoods and cities that use data and technology-driven innovations to offer improved services to people and businesses to enable equitable access to new, improved and existing services for all people.

TVA is partnering with stakeholders across the Valley to create connected communities that provide **equitable access to services**, focus on **economic empowerment** for its people and businesses, **enhance community resiliency** and promote **energy and environmental justice** for everyone.

Together with our partners, TVA has funded solutions to equitably improve our communities in the Valley through innovative solutions with broad-range opportunities and applicability. Over the past year, TVA has awarded funding to 11 innovative pilot projects that address the four focus areas.

### Value Beyond Data Integration

At TVA, we have been working to research best practices, better understand challenges in the Valley and build a roadmap for the future.

#### TOP BENEFITS



Improve the quality of life and economic standing.



Create more efficient and effective operations.



Reduce greenhouse gas emissions and cost burden.



Increase reliability and resiliency.

## PILOT PROJECT FOCUS AREAS



### Equitable Access to Services

Everyone in the Valley has access to services through broadband, modern technology and the knowledge and empowerment to use it.



### Economic Empowerment

Everyone in the Valley is economically secure and can contribute to a modern, 21st century economy to the best of their ability.



### Energy & Environmental Justice

Everyone in the Valley has access to a healthy environment (natural and built) and reliable, affordable and clean energy.



### Enhanced Community Resiliency

Everyone in the Valley lives in a community that can respond, adapt and recover to adversity related to connectivity and energy security.

## How We Get There

Over the next year, TVA will continue to identify leading connected community concepts, facilitate collaboration, conduct pilot projects and scale learnings to support communities in meeting the most critical needs of the Valley.

### CONTINUE ENGAGING STAKEHOLDERS

Partner and plan with our steering committee, work groups and others.

### COMMUNITY RESOURCES

Utilize tools like our Connected Communities Roadmap and Guidebook to help communities thrive.

### SHARE CALLS FOR PILOT PROJECTS

Promote pilot project partnerships that address the four focus areas.

### FUNDING

Capture lessons from the funded pilot projects to scale solutions across the Valley.

## Visit Us Online

[tva.gov/connectedcommunities](https://tva.gov/connectedcommunities)

- Learn more about Connected Communities and view example pilot projects.
- Submit a pilot project proposal.
- Join our mailing list and stay informed of pilot project application launches, pilot projects and additional opportunities.

## Questions

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