

FINANCIAL STIMULUS ACCOUNTABILITY GROUP

July 29, 2022

July 29th Agenda

Fiscal Recovery Fund Award

- Tennessee Resiliency Plan Overview
- Additions to Tennessee Resiliency Plan
 - Department of Treasury
 - Department of Agriculture
 - Department of Human Services (Childcare)

Other Federal Award Projects

- Coronavirus Capital Projects Fund Award and Proposal
 - Department of Economic and Community Development

Project Update

TDEC - Fiscal Recovery Fund Sewer and Water Investment

Other Federal Award Update

TDOE - US Department of Education Emergency Assistance for Non-Public Schools



Tennessee Resiliency Plan

Beginning Fiscal Recovery Fund Balance	\$	3,725,832,113
2021 Tennessee Resiliency Plan Approved Projects	(\$	3,123,777,479)
2022 Amendments to Plan (Approved in March)	(\$	304,069,716)
Unallocated Fiscal Recovery Fund Balance	\$	297,984,918
May & July Proposals for Addition to TN Resiliency Plan		
Tennessee Department of Treasury - 3 projects	(\$	58,750,000)
Department of Agriculture – TSU Food and Animal Sciences Center	(\$	32,250,000)
Department of Agriculture – Lab Capability & Admin System Enhance	(\$	5,122,600)
Department of Human Services – Childcare Capacity Pilots (*FRF \$)	(\$	19,370,840)
Subtotal Departments of Treasury, Agriculture, Human Services	(\$	115,493,440)
Balance Remaining After May and July Additions	\$	182,491,478



STATE OF TENNESSEE

Department of Treasury American Rescue Plan FRF Proposal

Treasury – Infrastructure

• **Objective:** In the remote work environment during the COVID pandemic, operational reliance and demand for network infrastructure, secure devices, and remote maintainability has increased. Additional investments are needed to further secure, optimize, and maintain user connectivity, devices, and information systems infrastructure through this transition.

• **Cost:** \$4,150,000

• **Project Length:** 4 years



Treasury – Infrastructure

The Challenge:

- The time it takes to procure infrastructure equipment has been the primary driver in increased lead time for IT Projects, resulting from staff needing to work remotely during the COVID pandemic
- Users continue to face challenges with connection disruptions, slowness, and reduced performance
- Infrastructure and application issues associated with a single application can affect other Treasury applications
- While users are performing their work in a remote environment, devices and information are more vulnerable

The Benefits:

- Faster equipment delivery to user base
- More secure and efficient connectivity in maintaining system updates and network connections
- Real-time access to data and information along with improved disaster recovery and business continuity needs in a remote environment
- Increased levels of security and protection on Treasury devices while remote

Projects:

Requested Funding Description	
Virtualization - Workstation and Servers	\$2,700,000
Public Facing Services	\$750,000
Enterprise Infrastructure	\$500,000
Remote Security and Device Management	\$200,000
	\$4,150,000



Treasury - Operational Technologies

• **Objective:** The Treasurer has challenged Information Systems to become a world-class organization. To help accomplish this, it is necessary to make the appropriate investments in the tools that our team members use to develop new applications and upgrade currently operational technologies for reducing risk. Executing these varying projects will result in a higher degree of operational efficiency and enhance process controls as a remote environment, which has taken place as a result of the COVID pandemic.

• **Cost:** \$3,300,000

• **Project Length:** 4 years



Treasury - Operational Technologies

The Challenge:

- Limited reporting and data availability technologies
- Collaborating and sharing information using existing tools remotely is not efficient
- Current versions of document repositories will no longer be supported, effecting access to electronic documents
- Software development controls in certain areas are manual
- Paper forms still exist that require manual storage and lookup

The Benefits:

- Tools, licenses and resources to implement broad data reporting and metrics for business operations
- Development of new applications and support efficiency will be improved
- Provide and improve continuous accessibility to electronic documents
- Further automate software deployments and controls for efficiency
- HR documents will be scanned and digitized for remote reference

Projects:

Requested Funding Description	
Data Visualization	\$2,550,000
Software Development Work Management Tool	\$530,000
Perceptive Content Upgrade	\$100,000
Software - Code Control Tools	\$100,000
Human Resource Document Scanning	\$20,000
	\$3,300,000



Treasury - Project ARIS - Future of Concord

• Overview: The Tennessee Consolidated Retirement System relies on the Concord system for administration of the pension program including employer contribution reporting, benefit payroll, work management, document storage, self-service features, and various regulatory reporting. Since the COVID pandemic, the demand for digital service offerings in Concord have increased significantly. With emerging technologies, legislative requirements, and increased operational demand, TCRS and Treasury Information Systems realizes risks with Concord and necessity to pursue opportunities in updating or replacing. This project will analyze and outline target state product requirements, evaluate product viability and vendor options, and implement the decided course.

• **Cost:** \$51,300,000

• **Project Length:** 4.5 years



Treasury - Project ARIS - Future of Concord

The Challenge:

 The Concord system's original technology and architecture is largely outdated and not specifically designed for custom development thereafter. Since 2014, multiple projects' implementation has realized ongoing functional and system reliability, scalability, and extensibility risks and issues.

The Benefits:

- Business Process Analysis and Engineering
- Target State Product Requirements
- Implementation of optimized business processes
- Modernized features and automation
- Upgraded technologies and infrastructure

Projects:

Requested Funding Description	
Business Process Analysis/Engineering	\$3,300,000
Product Replacement Implementation	\$48,000,000
	\$51,300,000





STATE OF TENNESSEE

Department of Agriculture – American Rescue Plan FRF Proposals

Lab Capability & Administrative System Enhancements

- Objective: To enhance laboratory infrastructure and equipment and implement new licensing, permitting, and virtual mapping systems for strengthening emergency preparedness and traceability for food-borne and animal disease outbreaks. Upgrading laboratory systems will directly support animal health, food, feed, and pesticide regulation and diagnostic testing.
- Cost: \$5,122,600
- Length of project: 4 years
- Temporary # of employees: 0



Lab Capability & Administrative System Enhancements

- This request will fund the implementation of a new licensing, permitting, invoicing, geographic mapping, and laboratory management system for the Divisions of CIS and Animal Health.
- Moreover, acquisition of a geospatial intelligence system (GIS) will allow staff to input data from animal care and trade facilities across the state and integrate that data into the new administrative management system.
- Further, the Cotton Ivy Lab facility was constructed approximately 27 years ago. The requested funding will be used to upgrade key laboratory infrastructure (electrical, ventilation, medical grade gases), replace aged/obsolete equipment, and procure additional equipment needed in a modern analytical laboratory.
- Put simply, these enhancements and equipment are mission critical and using ARP dollars will save TDA from having to use state dollars.



TSU Food & Animal Sciences Center

 Objective: To enable our partners at the TSU College of Agriculture to research and develop practical solutions to mitigate the negative impacts on food supply chains, public health, and economic prosperity that Tennesseans have encountered during the COVID-19 pandemic and in potential future large-scale disruptions.

• Cost: \$32,250,000

Length of project: 3 years

Temporary # of employees: None



TSU Food & Animal Sciences Center

- TSU would construct a **Center for Food and Animal Sciences** to house and develop much-needed advanced technologies addressing key areas of human and animal health, food safety and production, and enhance ongoing research efforts at TSU.
- The Center would include 3 core facilities, consisting of roughly 60,000 sq. ft.
 - Food and Animal Science building;
 - Includes 14 research labs to house research, academic, and extension programs.
 - The Center for Food Safety and Process Innovation;
 - Pilot plant facility: food unit operations (dry & wet), product safety testing.
 - <u>Sensory Science and Product Development Center</u> (consumer education and food testing / development)
 - Testing kitchens, sensory booths, sensory panel rooms, incubation suites.



TSU Food & Animal Sciences Center

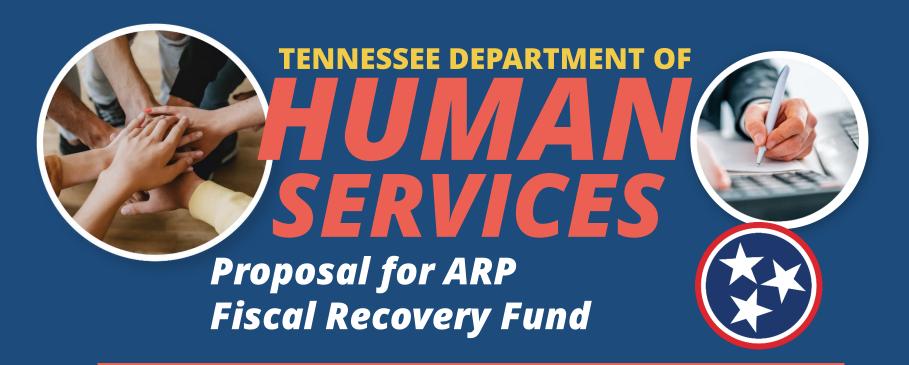
- This investment in infrastructure and equipment will allow TSU to enhance research capabilities and develop new technologies designed to:
 - minimize food supply chain disruptions (e.g., through automation);
 - increase food independence through locally grown food (e.g., urban ag);
 - sustain local economic prosperity; and
 - maintain jobs and thus family income through diversified employment opportunities.
- The proposed Center will fill a critical gap in research capacities by providing cutting-edge technologies and infrastructure to local food companies in Tennessee. Moreover, the proposed facility will also empower researchers at neighboring institutions in Tennessee.
- These challenges will persist well beyond the pandemic, and innovations and solutions discovered now will have lasting impact on the state's top industry.





STATE OF TENNESSEE

Department of Human Services – Childcare Capacity



July 29, 2022 | Financial Stimulus Accountability Group



Childcare Capacity Building Pilots

- The goal of this proposal to increase the availability of child care statewide through the use of onetime dollars to partner with the YMCAs and Boys and Girls Clubs through a blended funding strategy. The program will allow both partners to utilize FSAG-ARP funding for capital expenses and use childcare development fund (CCDF) ARP funding for operational expenses. .
- **Source of Funds**: Two independent ARP Funding awards (CCDF & FRF)
- Cost:
 - \$31.6M of Childcare Development Fund Award (Separate ARP funding award)
 - \$19.4M of ARP Fiscal Recovery Fund Award
- **Length of project:** The program is planned to run for two-years from 2022 to 2024.
- New State Employees Required:
 - None. These will be grants directly to YMCAs and Boys and Girls Clubs.



Childcare Capacity Building Pilots

Specific Proposed Services:

- YMCA proposal:
 - Approximately 5600 child care slots created
 - Over 48 new child care centers available to families across the State of Tennessee
 - Total State Partnership Request: \$27M

Operational: \$17,637,160Capital: \$9,140,000

- Boys and Girls Club proposal:
 - Approximately 3,875 child care slots created.
 - 13 new clubs and increased slots at all 94 existing clubs
 - Total State Partnership Request: \$27M

Operational: \$16,690,782.10Capital: \$10,230,840





ARP Coronavirus Capital Projects Fund & ARP FRF Broadband Updates

Project Proposal

Overview

Must meet all the following criteria:

- 1. The capital project invests in capital assets designed to directly enable work, education, and health monitoring.
- 2. The capital project is designed to address a critical need that resulted from or was made apparent or exacerbated by the COVID-19 public health emergency.
- 3. The capital project is designed to address a critical need of the community to be served by it.

Eligible project types are limited to:

- Broadband infrastructure
- Digital connectivity technology
- Multi-purpose community facilities

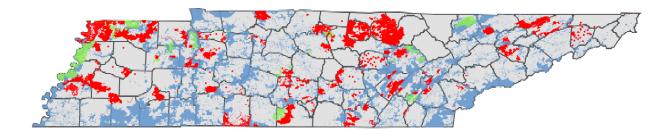
Grant plan must be submitted by State to Treasury by September deadline.



2021 Broadband Accessibility in Tennessee (25/3)

State/Federal Broadband Funding Awards

Tennessee



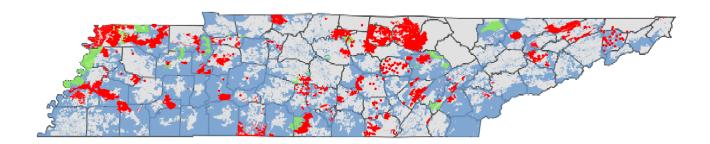
TN State Broadband Grant Awards
USDA ReConnect Grant Areas
Eligible Areas* 25/3



2022 Broadband Accessibility in Tennessee (100/20)

State/Federal Broadband Funding Awards

Tennessee

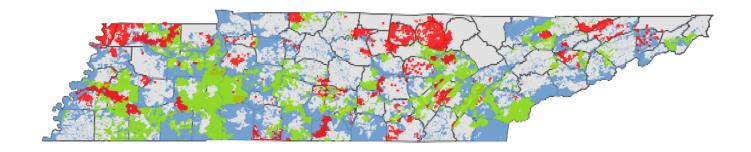


TN State Broadband Grant Awards
USDA ReConnect Grant Areas
Eligible Areas 100/20 (FCC 12/20)



Projected Summer 2022

TN Emergency Broadband Finalists 2022







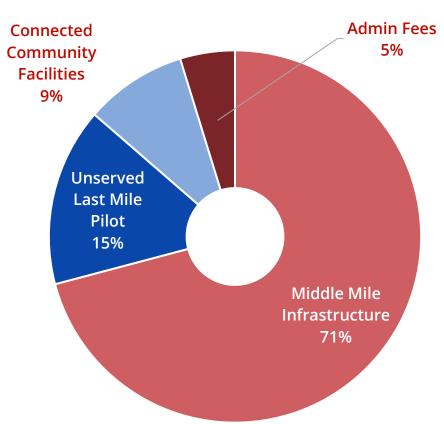


Coronavirus Capital Projects Fund Recommendation

Middle Mile Infrastructure \$160 million
Unserved Last Mile Pilot \$35 million
Connected Community Facilities \$20 million
Administration Fees \$10.75 million

\$ 215,218,861

Allocated to Tennessee for CPF



Middle Mile Broadband Infrastructure

"The construction and deployment of broadband infrastructure designed to deliver service that reliably meets or exceeds symmetrical speeds of 100Mbps so that communities have future-proof infrastructure to serve their long-term needs"

- \$160 million designated for broadband infrastructure
 - Middle Mile Infrastructure
 - Leased dark fiber, backhaul, carrier-neutral internet exchange facilities, connectivity with data centers, etc.
 - Important for disaster response, resiliency, affordability, reliability, development of last mile infrastructure
 - Unique (Not eligible in other funding programs)

Last Pilot Project for Unserved Areas

- \$35 million designated for unserved areas
 - Target historically unserved areas lacking 25/3 with no current ARP application through pilot grant project
 - Offer up to 90/10 match rate for awardee
 - Applies a stronger incentive for building in areas where ECD is not receiving applications

Community Facilities

"Projects to construct or improve buildings that are designed to jointly and directly enable work, education, and health monitoring"

- \$20 million designated for community facility funding
 - Create and expand facilities to provide resources on health, wellness, education, and workforce development
 - Broadband component required (i.e., community Wi-Fi or hotspot, computer lab, digital literacy training facility, etc.)

TN Emergency Broadband Fund - ARP FRF Project

- In 2021, FSAG allocated \$400M for Broadband Infrastructure & \$100M for Adoption
- We propose adjusting the allocation to \$450M for Infrastructure and reserving \$50M for adoption
 - Received 218 applications requesting \$1.3B in funding
 - Recommend awarding \$450 M in applications in some of the most unserved areas in TN
- This would expand reach for last-mile infrastructure and leverage existing federal adoption support programs.

Total Investment in Broadband with ARP FRF and Capital Projects Fund

Last Mile Investments

ARP Fiscal Recovery Fund: \$450M

Coronavirus Capital Projects Fund: \$35M

Middle Mile Investments:

Coronavirus Capital Projects Fund: \$160M

Total Est. Impact of 2022 Investments: 157,000+ new households connected at 100/20



Updates on Existing Awards

TEBF-ARP (Current Grant Program)

- Finalist Announced July 7
- Finalist Public Notice Response Period July 7 July 29
- Field Validations July 29- August 19
- Award Announcements Week of August 29, 2022
 - Notice to Proceed issued upon announcements

Coronavirus Capital Projects Fund

Grant plan must be completed and submitted prior to September.



Expected Future Awards

Bipartisan Infrastructure Law (IIJA)

- Broadband Equity, Access, and Deployment Program (BEAD)
 - Issued from US Department of Commerce (not US Treasury)
 - LOI submitted
 - Application due August 15, 2022 for \$5M in planning funds for 5-year plan
 - ECD anticipates receiving between \$935 M and \$1B in funding for last mile programs
 - Federal allocation will be based on new iteration of FCC maps that will be released in December 2022
 - Expecting additional guidelines and restrictions from NTIA, including a heightened definition of minimum broadband speeds.
 - Next grant round for TN providers will likely be Summer/Fall 2023 based on timeline from NTIA



Questions?

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THANK YOU



State Water Infrastructure Grants: TDEC ARP State Strategic Projects

TDEC ARP Water Infrastructure Investment Plan

Phase Phase Phase **Non-Competitive State Strategic** 3 **Grant:** Addressing **Projects:** Pursuing **Competitive Grant** Critical Needs for Enterprise-Level with Any Water and Sewer Solutions and **Unobligated Funds Strategic Priorities** Systems Anticipated April 2022 -August 2022 -Open Obligation Date of November 2022 August 2023 Now! December 2023 \$1 billion \$269 million Total \$1.35 billion

Update on Phase 1 (Non-Competitive Grant)

March 2022

Notice of Intent

June 2022

All applications opened



















April 2022

Collaborative applications opened



Applications close

Participation as of July 22, 2022

	Open (Incomplete) Applications	Submitted (Complete) Applications
Number of Applications	97 Total64 Collaborative33 Noncollaborative	11 Total3 Collaborative6 Noncollaborative
Funding Requested	\$350,401,020	\$45,204,243



Interest in Phase 1

Notice of Intent: March 2022

278 Responses

Funding Request of \$858,264,365

Draft Applications In-Progress as of July 22

97 Applications

Funding Request of \$350,401,020

Complete Applications as of July 22

11 Applications

Funding Request of \$45,204,243



Phase 2 (State Strategic Projects)

Strategy	Allocation Amount	Timeline and Administering Agency
 Grant Program: Community Water Infrastructure a) Regionalization b) Water Reuse c) Resource Protection 	\$200M total \$100M \$50M \$50M	Timeline : Develop grant program upon FSAG approval; launch program likely 2023 Administering Agency : TDEC
2. Grant Program: Septic Management	\$6.5M	Timeline : Seek contractor upon FSAG approval Administering Agency : Third-Party Contractor
3. Enterprise-Scale Infrastructure Investmentsa) Tennessee State Parksb) Tennessee Department of Transportation	\$57M total \$40M \$17M	Timeline : Obligate funds upon FSAG approval Administering Agencies : TSP and TDOT
4. Development of Technical Assistance and Information Technology (IT) Solutions	\$2M	Timeline : Likely 2023 Administering Agency : TDEC and/or Contractor
5. Supplemental Funding for Non-Competitive Grant	\$3.5M	Timeline : No Further Action Required Administering Agency : TDEC
Total State Strategic Funding	\$269M	





TDOE – EANS 1.0 AND 2.0

Overview of EANS 1.0 and 2.0



- The purpose of the Emergency Assistance for Non-Public Schools (EANS) program is to provide services or assistance to eligible non-public schools to address educational disruptions caused by COVID-19
- USDOE established eligibility guidelines for states and defined eligible expenses for the EANS program as part of CRSSA for EANS 1.0 and then again under ARP for EANS 2.0
- For each program, non-public schools submitted an application to TDOE to determine program eligibility and then the department procured contracts with vendors to provide contracted services for allowable expenses



Overview of EANS 1.0 and 2.0



- CRSSA (EANS 1.0)
 - Awarded to 108 eligible non-public schools through 191 contracts
 - About 80% of these funds have been spent down
 - Grant period closes Sept. 30, 2023
- ARP (EANS 2.0)
 - Awarded to 22 eligible non-public schools through 107 contracts
 - Now receiving first invoices for these funds
 - Grant period closes Sept. 30, 2024



Overview of EANS 1.0 and 2.0



- Changes from EANS 1.0 to 2.0
 - USDOE restricted funds to non-public schools that enroll a "significant percentage" of students from low-income families, which was 40%
 - TDOE petitioned to use 33%, the average from EANS 1.0, which was granted as part of our application
 - TDOE could not use proportionality to calculate school poverty, and required individual student income data
 - TDOE cannot provide direct reimbursements to any non-public schools





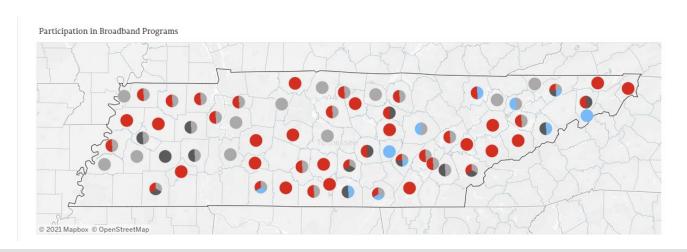
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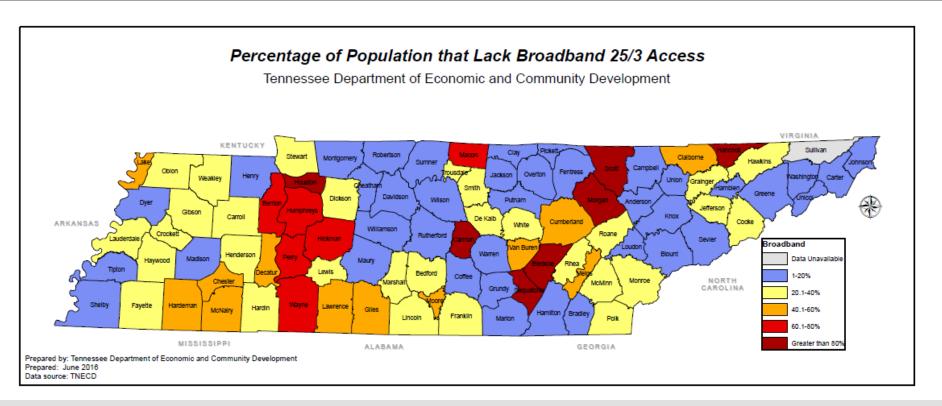


APPENDIX Tennessee Broadband Investment History

Broadband Investment Progress

- Since 2018, ECD has awarded \$120M in state and CARES Act funding to make 25/3 broadband service available to 140,000 Tennessee households in 64 counties.
- Participating broadband providers have included for-profit, non-profit cooperatives and municipal entities deploying technology including fiber-to-the-premise, hybrid fiber/coax cable, and fixed wireless.

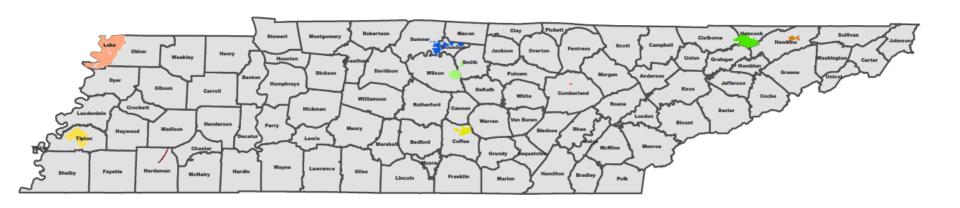






ECD Broadband Grant Awards

Tennessee





Historical Funding – FY18-22

Round 1 – FY2018 - \$10M		
Grantee	Award Amount	
Volunteer First Services, LLC	\$76,714.00	
Tri-County Fiber Communications, LLC	\$1,350,000.00	
Ben Lomand Communications, LLC	\$1,025,000.00	
Scott County Telephone Co-operative	\$1,900,000.00	
Advantage Cellular Systems, Inc. dba DTC Communications	\$1,725,000.00	
Sunset Digital Communications, Inc	\$1,375,000.00	
Comcast of Arkansas/Florida/Louisiana/Minnesota /Mississippi/Tennessee, LLC	\$850,000.00	
Gibson Electric Membership Corporation	\$1,353,148.14	
Aeneas Communication, LLC	\$190,000.00	
TOTAL CONTRACTED	\$9,844,862.14	

Round 2 – FY2019 - \$15M		
Grantee	Award Amount	
Ben Lomand Communications, LLC	\$1,525,477.78	
Peoples Telephone Company (TEC) Twin Lakes Telephone Cooperative	\$186,494.00	
Gibson Electric Membership Corporation	\$1,233,987.30 \$588,974.00	
Appalachian Electric Cooperative West Kentucky Rural Telephone	\$1,739,581.00	
Cooperative Corporation, Inc. Meriwether Lewis Electric	\$2,000,000.00	
Cooperative Seguachee Valley Electric	\$1,832,728.00	
Cooperative	\$ 817,406.00	
Loretto Telephone Co. Inc Tennessee Telecommunications	\$ 1,050,000.00	
Company (BTC)	\$701,120.16	
Tellico Telephone Company	\$1,490,291.00	
Volunteer Energy Cooperative	\$1,317,488.53	
North Central Communications, Inc.	\$304,763.00	
TOTAL CONTRACTED	\$14,788,310.77	

Historical Funding – FY18-22 (cont.)

	Round 3 – FY2020 - \$20M		
Grantee	Award Amount	Grantee	Award Amount
Ben Lomand Communications, LLC West Tennessee Telephone Company, Inc	\$2,000,000.00	Interlink Communications Partners, dba Charter Communications	\$140,433.00
dba TEC	\$826,677.45	Scott County Telephone Cooperative	\$1,908,811.24
Meriwether Lewis Electric Cooperative	\$593,166.00	Board of Public Utilities of the City of Fayetteville, Lincoln County, Tennessee dba Fayetteville Public Utilities	\$1,750,000.00
Forked Deer Electric Cooperative, Inc.	\$719,921.00	Comcast of Nashville I, LLC	\$568,509.64
Sequachee Valley Electric Cooperative	\$1,654,882.00	Southwest Tennessee Electric Membership Corporation	\$1,768,686.00
Bledsoe Telephone Cooperative, Corp, Inc	\$1,500,000.00	Twin Lakes Telephone Cooperative Corporation	\$1,406,000.00
Tri-County Fiber Communications, LLC	\$501,811.00	TOTAL CONTRACTED	\$19,735,131.13
Gibson Electric Membership Corporation	\$703,518.00		
United Communications, Inc.	\$1,331,504.80		
Holston Electric Cooperative	\$361,211.00		
West Kentucky Rural Telephone Cooperative Corporation, Inc. dba West KY & TN Telecommunications	\$2,000,000.00		



Historical Funding – FY18-22 (cont.)

Round 4 – FY2021 - \$15M		
Grantee	Award Amount	
Ben Lomand Communications, LLC	\$1,924,783.33	
United Telephone Company d/ba United Communications	\$782,976.00	
Peoples Telephone Company	\$2,000,000.00	
Ben Lomand Communications, LLC	\$179,695.56	
Bledsoe Telephone Cooperative, Corp, Inc.	\$727,955.56	
Southwest Tennessee Electric Membership Corporation	\$1,580,851.00	
Point Broadband Fiber Holding LLC	\$1,020,948.89	
Gibson Electric Membership Corporation	\$1,379,944.00	
West Kentucky Rural Telephone Cooperative Corporation, Inc.	\$2,000,000.00	
Volunteer Energy Cooperative	\$647,890.00	
Appalachian Electric Cooperative	\$919,500.00	
Loretto Telephone Company, Inc.	\$1,700,000.00	
Comcast Cable Communications, LLC dba Comcast of Nashville I, LLC	\$33,333.33	
TOTAL CONTRACTED	\$ 14,897,877.67	

Historical Funding – FY18-22 (cont.)

TEBF-CARES – FY2021 - \$61M			
Grantee	Award Amount	Grantee	Award Amount
Advantage Cellular Systems	\$1,876,352.00	Meriwether Lewis Electric Cooperative	\$672,000.00
Appalachian Electric Cooperative	\$2,785,698.40	Monster Broadband	\$880,000.00
Ardmore Telephone Company	\$815,640.00	Peoples Telephone Company	\$1,105,750.59
Ben Lomand Telephone Cooperative	\$2,447,728.45	Sequachee Valley Electric Cooperative	\$603,910.12
Bledsoe Telephone Cooperative	\$1,974,002.00	SkyBest Communications	\$224,255.34
BrightRidge (Johnson City Energy Authority)	\$2,471,315.00	Southwest Tennessee Electric Membership Corporation	\$6,301,321.00
Comcast of Nashville I LLC	\$1,089,341.43	Spectrum SE LLC	\$683,182.64
Cumberland Electric Membership Corporation	\$2,320,000.00	Spring City Cable	\$139,376.72
Fayetteville Public Utilities	\$1,754,641.60	Tri-County Electric Membership Corporation	\$264,000.00
Forked Deer Electric Cooperative	\$4,000,007.01	Twin Lakes Telephone Cooperative	\$1,551,283.00
Fort Loudoun Electric Cooperative	\$403,023.00	United Telephone Company	\$ 5,245,579.80
Gibson Electric Membership Corporation	\$4,409,248.00	Volunteer Energy Cooperative	\$7,099,901.00
HolstonConnect	\$5,563,403.55	West Kentucky Rural Telephone Cooperative	\$2,668,224.00
JTM Broadband	\$605,283.20	TOTAL CONTRACTED	\$ 61,058,467.85
Loretto Telephone Company	\$1,104,000.00		

