



NEW YORK
STATE OF
OPPORTUNITY™

ConnectALL

A Division of Empire State Development

NORTH COUNTRY LEADERSHIP SUMMIT

October 10, 2024

CONNECTALL OVERVIEW

ConnectALL is Governor Hochul's initiative to transform New York's digital infrastructure, build a robust broadband marketplace, and bring affordable, reliable, high-speed internet service to all New Yorkers.



Governor Hochul delivering the 2022 State of the State address.

ConnectALL Signature Programs

ConnectALL
Deployment
Program

Affordable
Housing
Connectivity

Digital Equity
Program

Connectivity
Innovation

Municipal
Infrastructure
Program



New York State Digital Equity Plan

ConnectALL Office
Empire State Development
State of New York



What is Digital Equity? *The why.*

The condition in which all individuals and communities have the information technology capacity needed for full participation in society – education, employment, and health.

What is Digital Inclusion? *The how.*

Actions to achieve digital equity. Including affordable access to the internet, having a suitable device and the necessary skills and digital literacies to use it, as well as ways to stay safe and private while navigating services and supports online. :

An accessible New York State Digital Equity Plan is available at: broadband.ny.gov

DIGITAL EQUITY PLAN

The State Digital Equity Plan specifically assesses barriers to access faced by eight "Covered Populations" defined in the Digital Equity Act, as well as information gathered from other key stakeholders.

COVERED POPULATIONS

Low-income households
Aging individuals
Incarcerated individuals
Veterans
People with disabilities
People with language barriers
Members of racial and ethnic minority groups
Rural inhabitants

OTHER STAKEHOLDERS

People adversely affected by persistent poverty or inequality
Members of ethnic and religious minorities
Women and LGBTQI+ individuals
Internet Service Providers
Community anchor institutions, nonprofits, and community-based organizations
Civil rights and labor organizations
Education, healthcare, housing, workforce development, and economic development entities
Local, county, regional, Tribal, and State government entities

DIGITAL EQUITY OUTCOME AREAS

ConnectALL will take actions to promote the general welfare as it relates to the benefits of broadband access across the following outcome areas.

- 1 Advancement of economic and workforce development goals, plans, and initiatives

- 2 Improvement in the quality and accessibility of educational resources

- 3 Improvements in access to health services and delivery

- 4 Increased civic and social engagement

- 5 Delivery of accessible, navigable essential services

NEW YORK STATE DIGITAL EQUITY CAPACITY GRANT PROGRAM

- Nearly \$37M in Federal funding – pending approval.
- Focus on outcomes addressing education, employment, civic engagement, access to government services and health.
- Goal is to open the call for application by end of 2024.



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Thank you

Contact:

DigitalEquity@esd.ny.gov



Proudly Serving Our
Partners in Development

- World Class Carrier Network
- High-Speed Broadband
- Reliable & Diverse Network
- Wide Array of Services & Customers

Advancing the
North Country
www.danc.org

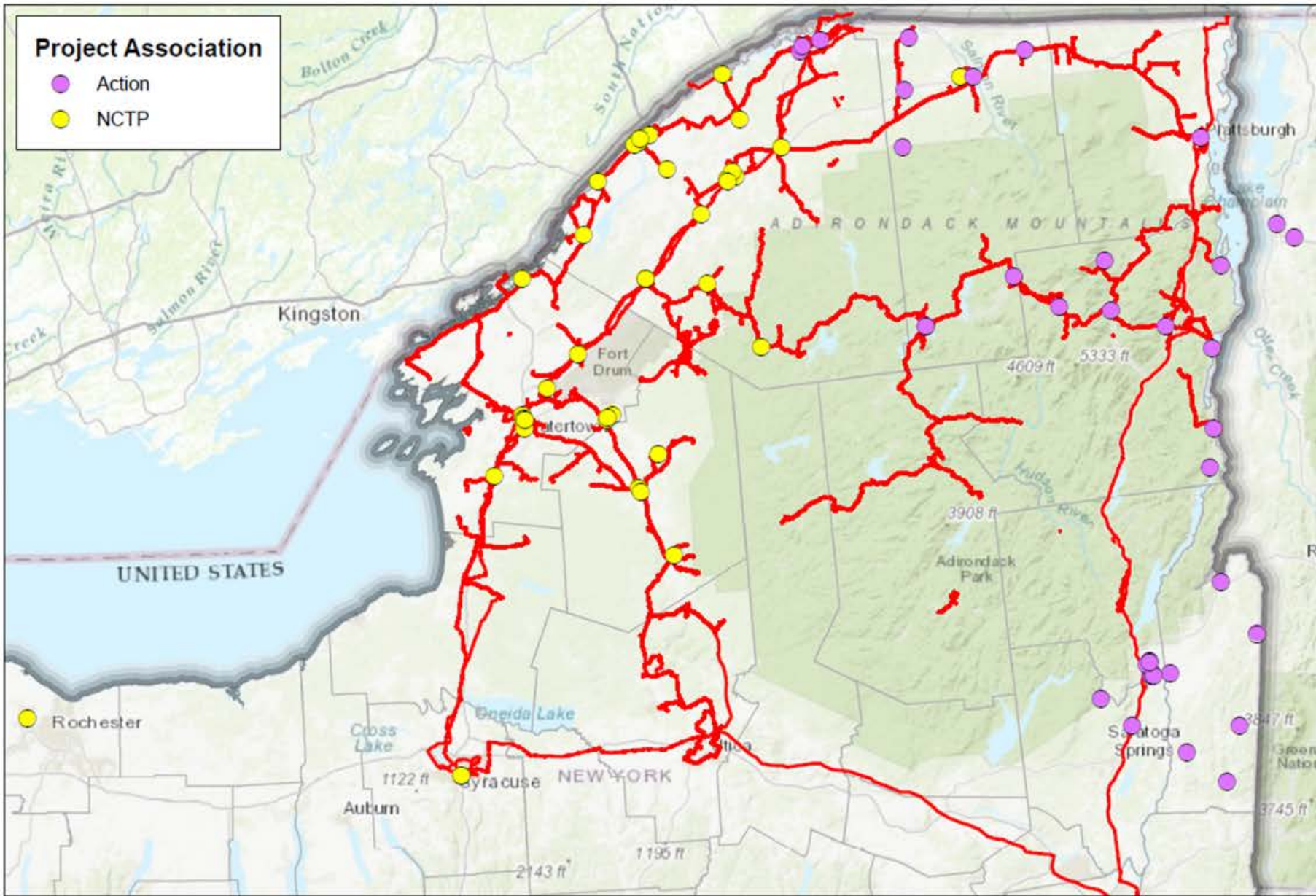
North Country Leadership Summit – Digital Equity

Carrie Tuttle – Development
Authority of the North Country
October 10, 2024

Agenda

- Telemedicine Network Map
- Overview of Telemedicine Network and how they help
- Examples of ways we can work together to help with Digital Equity Issues
- Conclusions

Network Includes:
 17 Hospitals
 60 Clinics




 Development Authority of the North Country
 Engineering Division, GIS
 23557 NYS Route 37
 Watertown, NY 13601
 Contact: GISsupport@danc.org or 315-661-3225



Telemedicine Network

1 inch = 166,667 feet
 Author: Warren Salo
 Date: 6/1/2022
 Document Name: L_Telemedicine

Revisions:

TELEMEDICINE NETWORK

- Backbone for remote Telehealth applications
- 2 Gbps of shared and diverse internet
- Ability to connect to all sites on the network without going to internet
- Original Network included shared medical records
- Network Management
- Threat Management – Intrusion detection
- App for network updates
- Access to utilization reports
- Managed Firewall if requested
- Shared applications including TeleStroke, Mental Health Visits, etc.
- Great example of collaboration to solve a problem – original providers included DANC, ION, Primelink, SLIC, Tech Valley, and Westelcom.
- Original ask was 8 hospitals, by collaborating we reached 90 sites.

Examples of how we are working on Digital Equity

- First must note that DANC is not a service provider. Our role is to build fiber to bring competition to the area.
- Work with 24 different service providers.
- Examples of ways we work with others:
 - We allow others to use our fiber for last-mile services in a variety of ways:
 - Grant applications that include last-mile fiber for others to use at a very low cost
 - Low start-up prices to allow service provider to gain customers
 - Revenue share, we have success together
 - Advising counties on broadband opportunities and mapping
 - Performing some builds for economic development

Conclusions

- Telehealth Network is the core of the Telehealth Applications
- Still need more work on developing shared applications in North Country
- We are working with service providers to try to help with Digital Equity by:
 - Working with service providers and county partners to make broadband available to all (Availability)
 - Trying to find ways to make broadband more affordable by using price techniques and allowing sharing (Affordability)
- Still Need to Do: Work closer with communities to assist with education and devices

REGIONAL BROADBAND PLANNING EFFORTS

Beth Gilles, Executive Director



LAKE CHAMPLAIN-LAKE GEORGE

**REGIONAL
PLANNING**

Background

Lake Champlain - Lake George Regional Planning Board

- Five County Economic and Community Development Agency
- Created in 1967
- Study the needs and conditions of the region to develop strategies that enhance our communities
- Link between local needs & federal/ state funding programs



2021

- LCLGRPБ lead NTIA grant application

2022

- LCLGRPБ received \$220,000 grant from NBRC
- NYS ConnectALL Office established

2022/2023

- Federal Broadband Challenge

2023

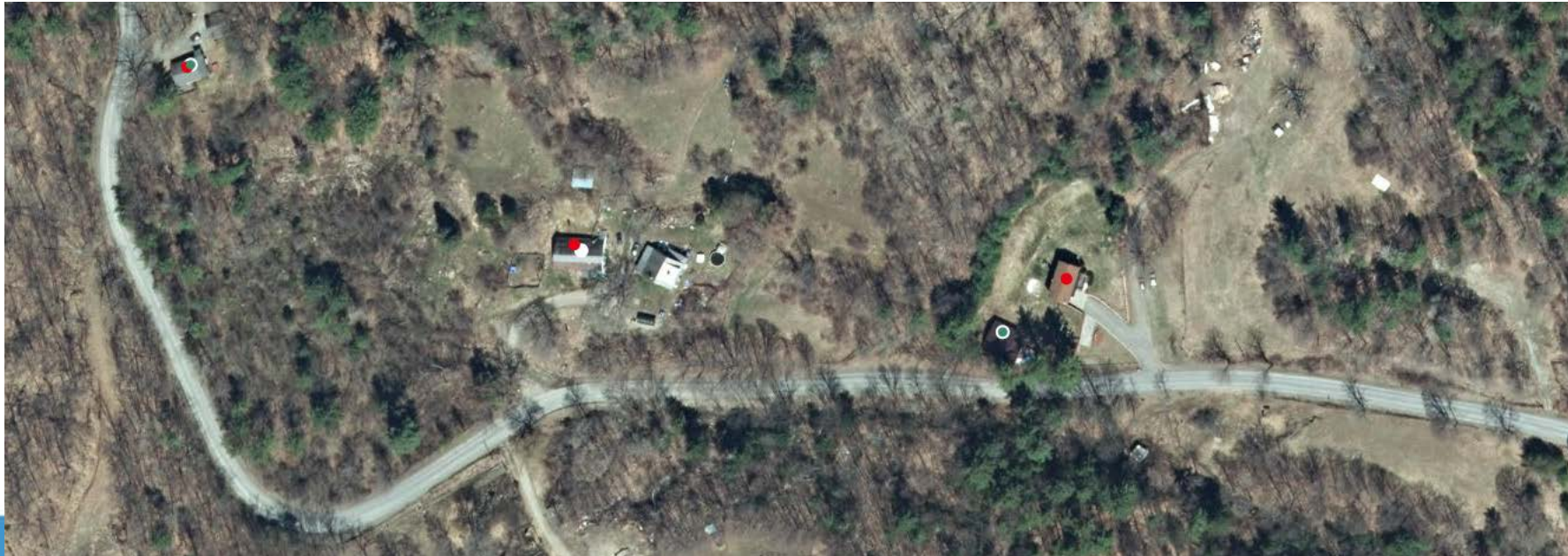
- ConnectALL Office BEAD Allocation Plan

2024

- LCLGRPБ Deployment Plan
- NYS Challenge
- LCLGRPБ received another \$220,000

2022/2023: Federal Communications Commission Challenge

Submitted 8,000 challenges, 62 were overturned



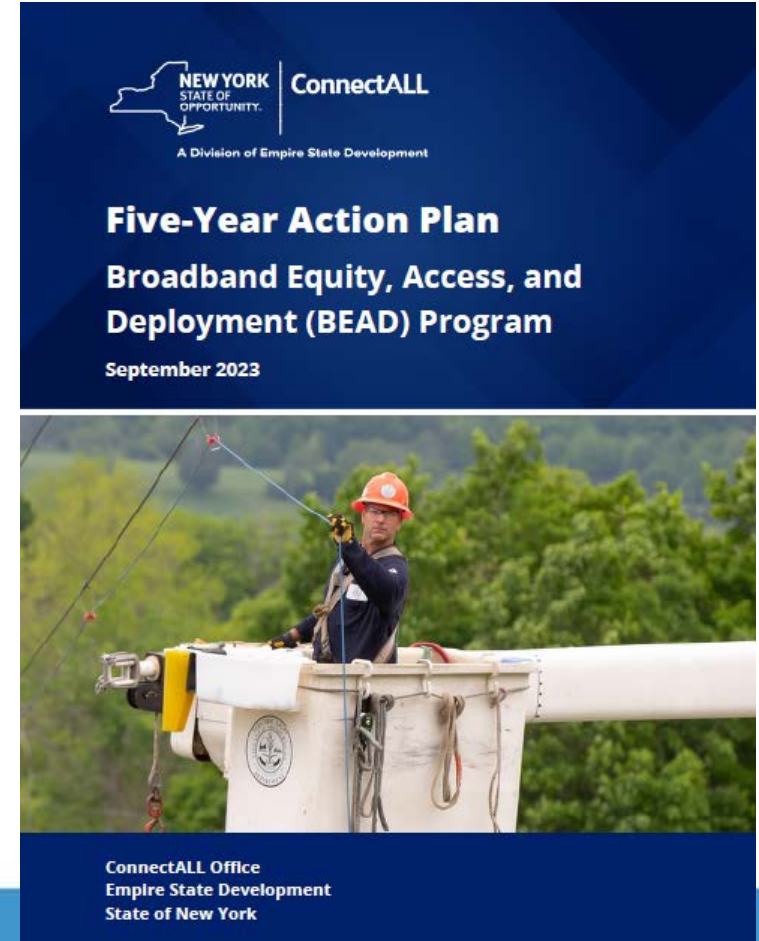
2023: NYS Five-Year Action Plan

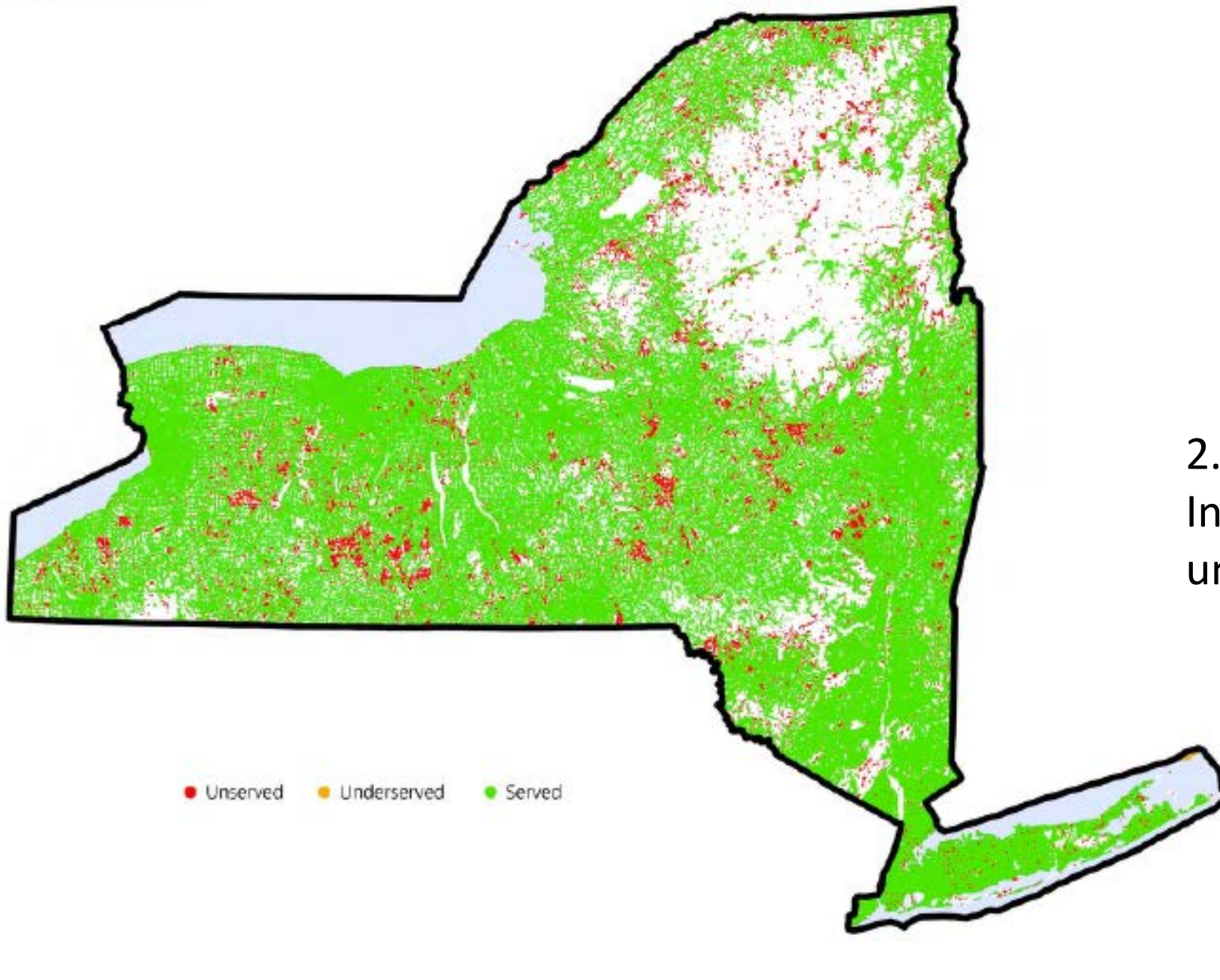
State's Priorities

- Connect all unserved locations in the state
- Connect all underserved locations in the state
- Deliver symmetrical gigabit connections to certain Community Anchor Institutions

Goal 1, Objective 1

- All households and businesses in NY have access to broadband infrastructure by 2030.





2.46% of locations
In the state are
unserved

2024: Two Simultaneous Broadband Efforts Underway

NYS BEAD Funding Process

- \$75,000 grant from Empire State Development
- NYS Provider Challenge
- Draft Grant Areas

Regional Planning Process

- \$440,000 grant from Northern Border Regional Commission
- Regional Broadband Deployment Plan
- Provide pre-development assistance and grant writing

2024: NYS Challenge – Ground- truthing Maps

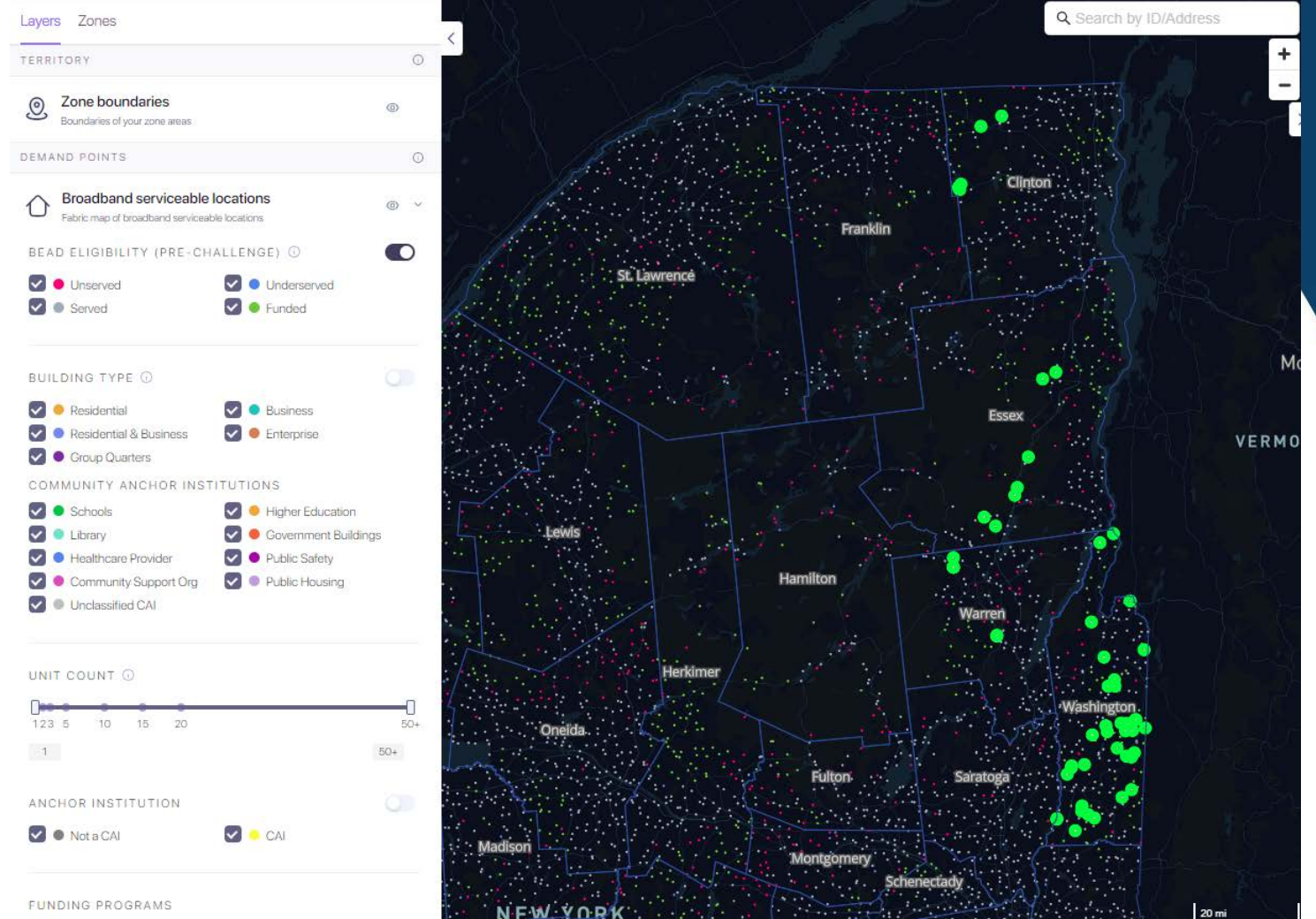


NYS BEAD Process

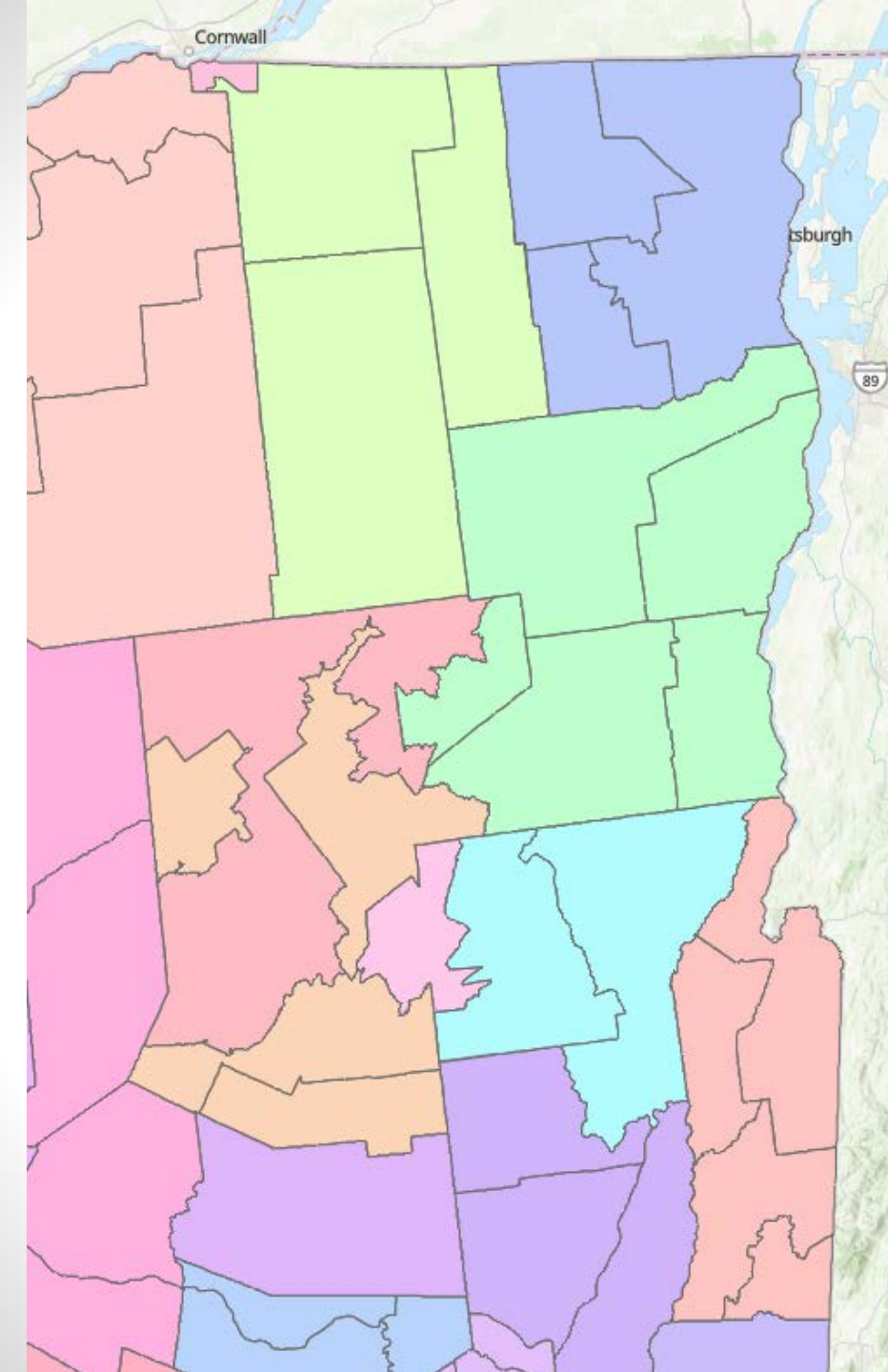
State Challenge

Submitted 606 provider
challenges

- 543 accepted
- 63 rejected



Data shown is for illustrative purposes only and does not necessarily reflect challenge results



NYS BEAD Process

Grant Areas for BEAD Funding

Internet Service Providers (ISPs) will bid on each grant area for deployment funding

ConnectALL Office proposed grant areas and asked for public comments

LCLGRP provided comments that are reflected in the new map

Regional Deployment Plan

12 Internet Service Providers
operating in the five-county region

DANC
SLIC

Frontier

Verizon Wireless

Newport Telephone

Firstlight Fiber

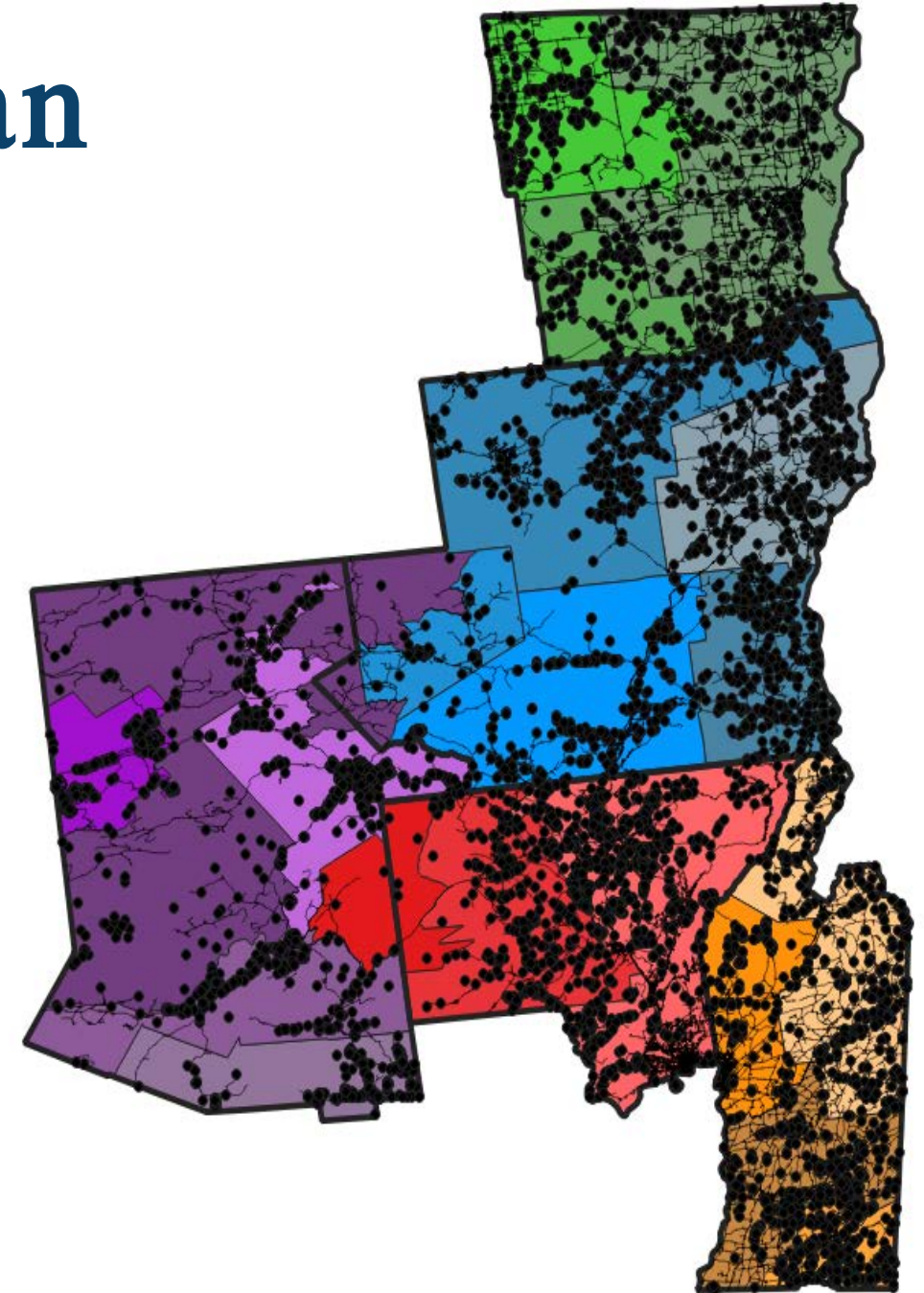
Hudson Valley Wireless
Spectrum

Chazy Westport Comm.

Crown Point Telephone

Champlain Technology Group

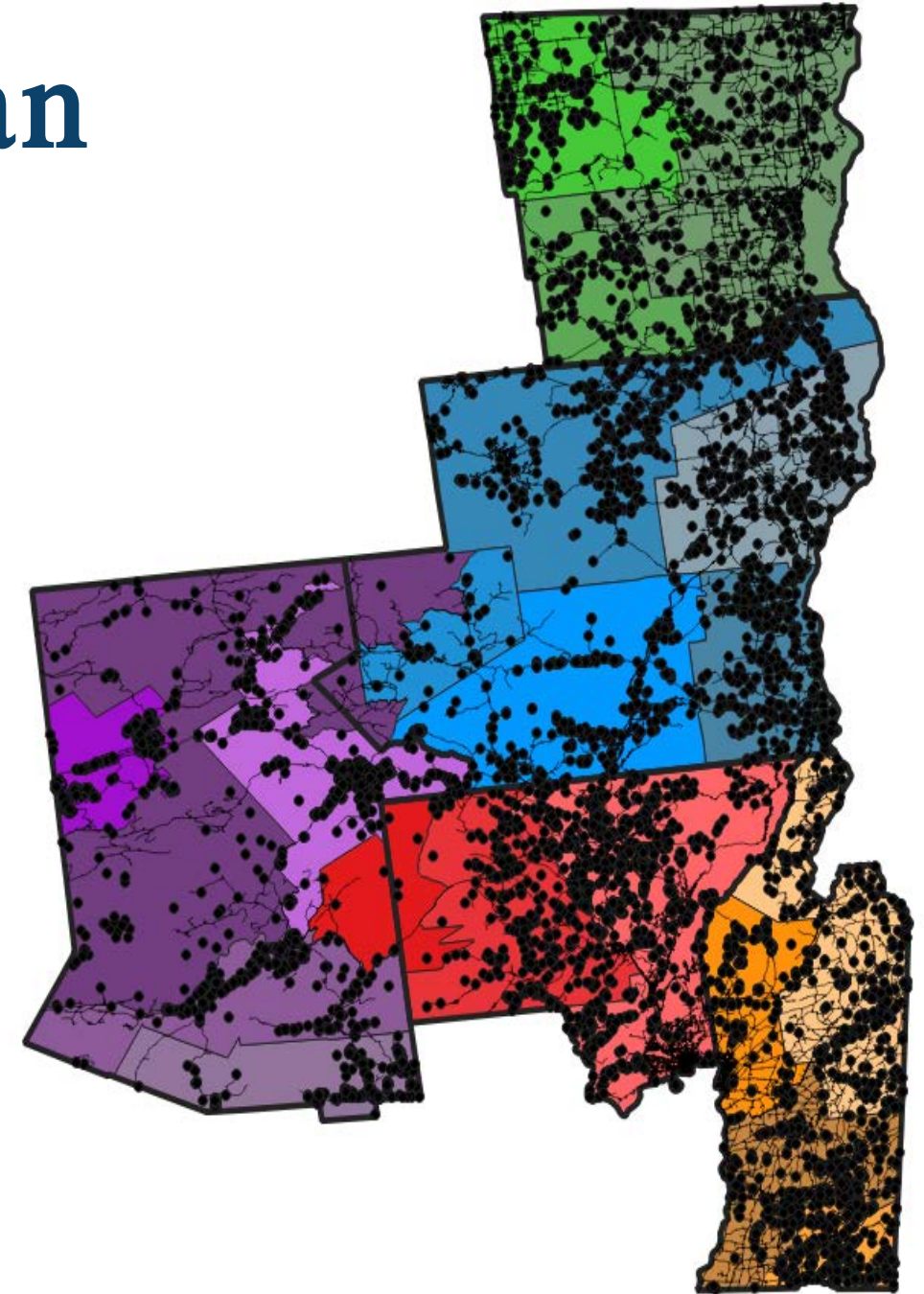
Adirondack Broadband



Regional Deployment Plan

Identify and map underserved and unserved BSL's

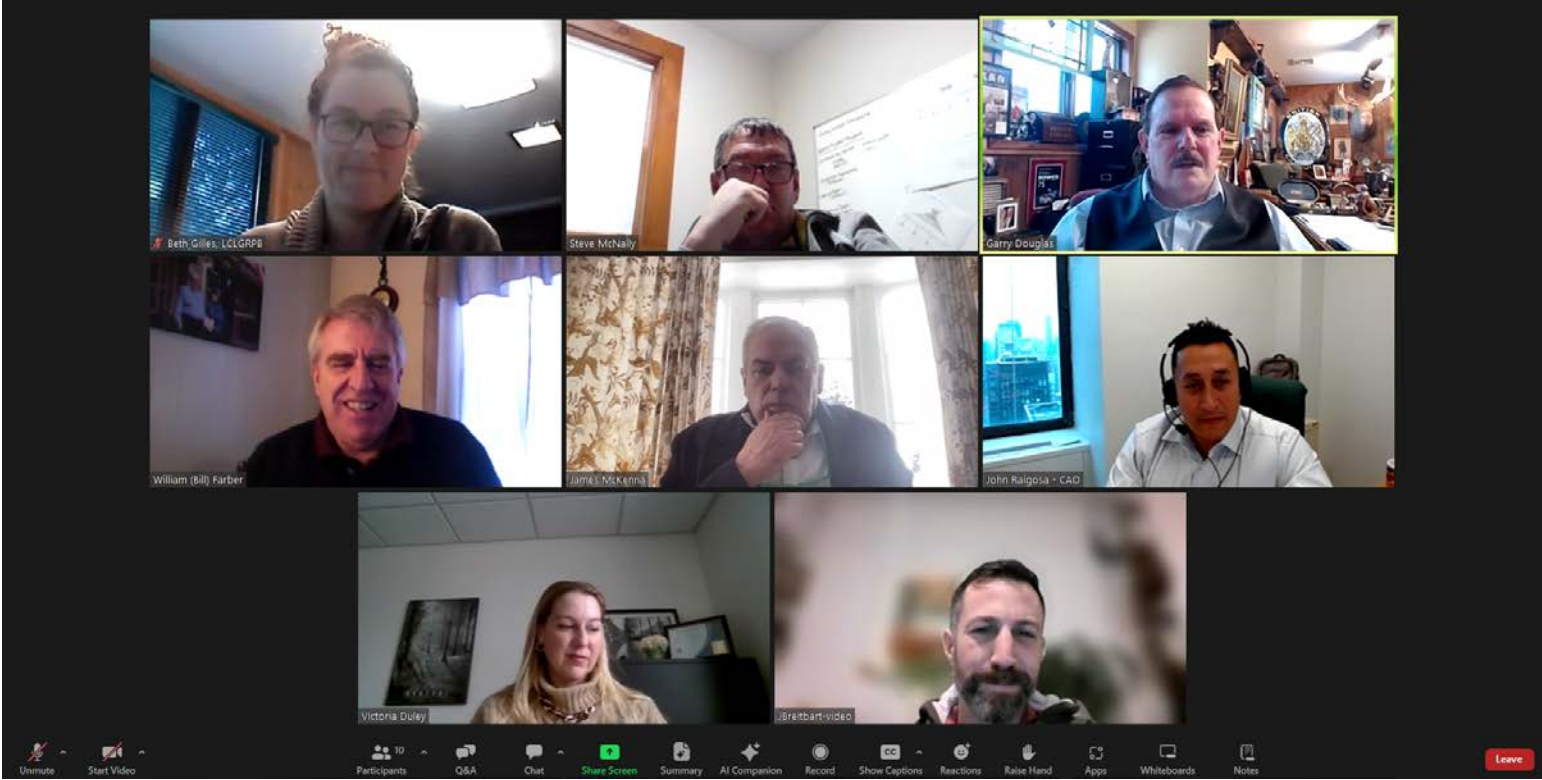
Rough Order of Magnitude (ROM)
Cost Estimates to regionally deploy
fiber and fixed-wireless technologies



Total Broadband Serviceable Locations

County	Total BSL	Unserved	Total Percentage	Underserved	Total Percentage
Clinton	32,151	896	2.8%	141	0.4%
Essex	23,692	2,333	9.8%	177	0.7%
Hamilton	7,577	2,106	27.8%	146	1.9%
Warren	34,399	1,419	4.1%	65	0.2%
Washington	27,645	1,486	5.4%	291	1.1%
TOTALS	125,464	8,240	6.6%	820	0.7%
Statewide			2.5%		<1%

Expanding Partnerships



So, where are we?

Waiting for the state to release the bids for the BEAD Funding.

- Implementation by ISP's will begin in 2025

Completing ROM buildouts

Funding for Pre-Development and Make Ready work for fiber and fixed wireless installation and grant applications

Resolving Barriers Through Telehealth

www.nrcil.net

NRCIL

Your Disability Rights and Resource Center

Identifying the need

- COVID Public Health Emergency
- Working from Home or Other Remote Locations

Funding

CARES Act and the Administration on Community Living



Internal Resources

- Advocate
- IT Systems Administrator
- Supervisor



Criteria

- Interest in receiving services via telehealth
- Transportation
- Providers who offer services via telehealth



Process

- Complete a demographic form and other intake forms for NRCIL
- Create an independent living plan to participate in telehealth
- Meet to receive the notebook computer and review teleconferencing
- Participate in a secure Zoom session with NRCIL Advocate
- Document work in NetCIL

Conclusions

- Telehealth is a useful platform for health care services including peer support.
- Telehealth is not a substitute for all in-person service delivery.
- Not everyone is as ready as they thought they were.