HOUSEKEEPING

Select Side-by-Side: Speaker Mode for the best viewing experience when slides are shared

Closed Captions English closed captions are available. Choose "CC closed caption" on your toolbar and select "show subtitle".

Reactions Raise Hand feature or *9 if you calling into Zoom by phone
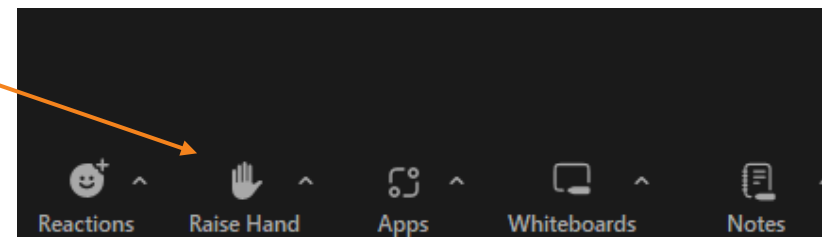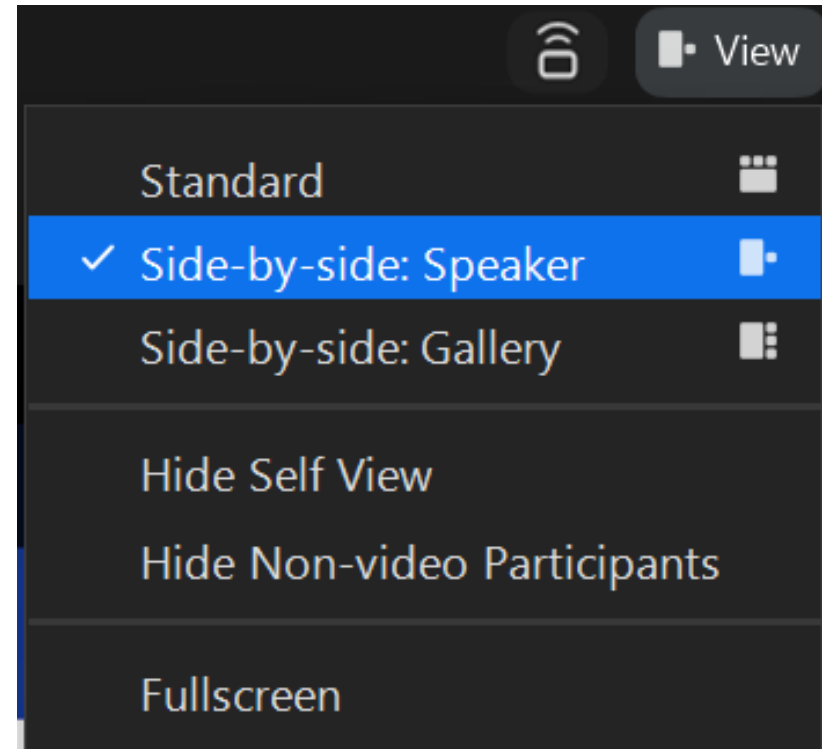
AGENDA

- Welcome
- Executive Report
- Broadband for All Updates
- NTIA IIJA Programs Update
- Public Comment
- Closing

EXECUTIVE REPORT

- Annual Broadband for All Action Plan Process
- Affordable Connectivity Program
- Partner and Stakeholder Engagement
- State Digital Equity Plan
- SB 717 Report

CALIFORNIA
ALL

BROADBAND FOR ALL UPDATES

- **Broadband for All Action Plan**

- **Middle-Mile Broadband Initiative**

- **Last-Mile Programs**

- **Affordable Connectivity Program**

Scott Adams

Deputy Director

Office of Broadband and Digital Literacy

California Department of Technology

BROADBAND ACTION PLAN UPDATE

18 out of 24 Action Items Complete

Action Items

⬇

SDEP, MMBI, Last Mile Programs & BEAD

Track progress towards BB4All goals

⬍

SDEP objectives

Goal 1: All Californians have high-performance broadband available at home, schools, libraries, and businesses.

Objective 1.1: Increase the percentage of Californians who are connected to broadband internet service.

Objective 1.2: Increase the percentage of Community Anchor Institutions that are connected to broadband internet service.

Objective 1.3: Increase the percentage of Californians who report that their internet service is reliable.

Objective 1.4: Increase the percentage of Californians who have a choice of at least three internet service providers.

CALIFORNIA
ALL

Goal 2: All Californians have access to affordable broadband and necessary devices.

Objective 2.1: Decrease the percentage of Californians who cite cost as the primary barrier to internet service.

Objective 2.2: Reduce the percentage of Californians who rely solely on a smartphone to use the internet due to devices being inaccessible and unaffordable and increase the percentage with a home computing device.

Objective 2.3: Increase the percentage of Californians enrolled in low-cost internet options and subsidies, including the Affordable Connectivity Program or successor program.

Objective 2.4: Reduce the average cost that covered populations pay for internet service.

CALIFORNIA
ALL

Goal 3: All Californians can access training and support to enable digital inclusion.

Objective 3.1: Increase the availability of digital literacy, cybersecurity, and skills training programs.

Objective 3.2: Increase the percentage of Californians who have access to technical support services for internet-connected devices.

Objective 3.3: Reduce the percentage of Californians whose concerns for privacy and cybersecurity prevent broadband adoption or effective use.

Objective 3.4: Increase the percentage of Californians who possess basic, intermediate, and advanced digital literacy skills.

Objective 3.5: Expand the number of members of covered populations trained/hired in broadband infrastructure and technology jobs.

Objective 3.6: Increase the percentage of Californians who utilize the internet to apply for or use public benefits and other essential services and can participate in civic and social engagement online.

CALIFORNIA
ALL

CURRENT MMBI NETWORK FUNDING LEVEL: $3.87 BILLION

Cost Components	Current Plan for $3.87 Billion Base Budget		
MMBI Cost Components (dollars in millions)	miles	total cost	avg cost/mile
RFI2 Miles (shared cost of lease, joint-build)	6,534	$ 1,848	$ 0.283
Caltrans Constructed Miles	1,832	$ 1,174	$ 0.641
Materials, Admin., Contingency, etc.	na	$ 851	na
Total	**8,366**	**$ 3,873**	**$ 0.463**

REQUEST FOR INNOVATIVE IDEAS (RFI²) – ROUND 2

Over 50 proposals received

Initial Reviews
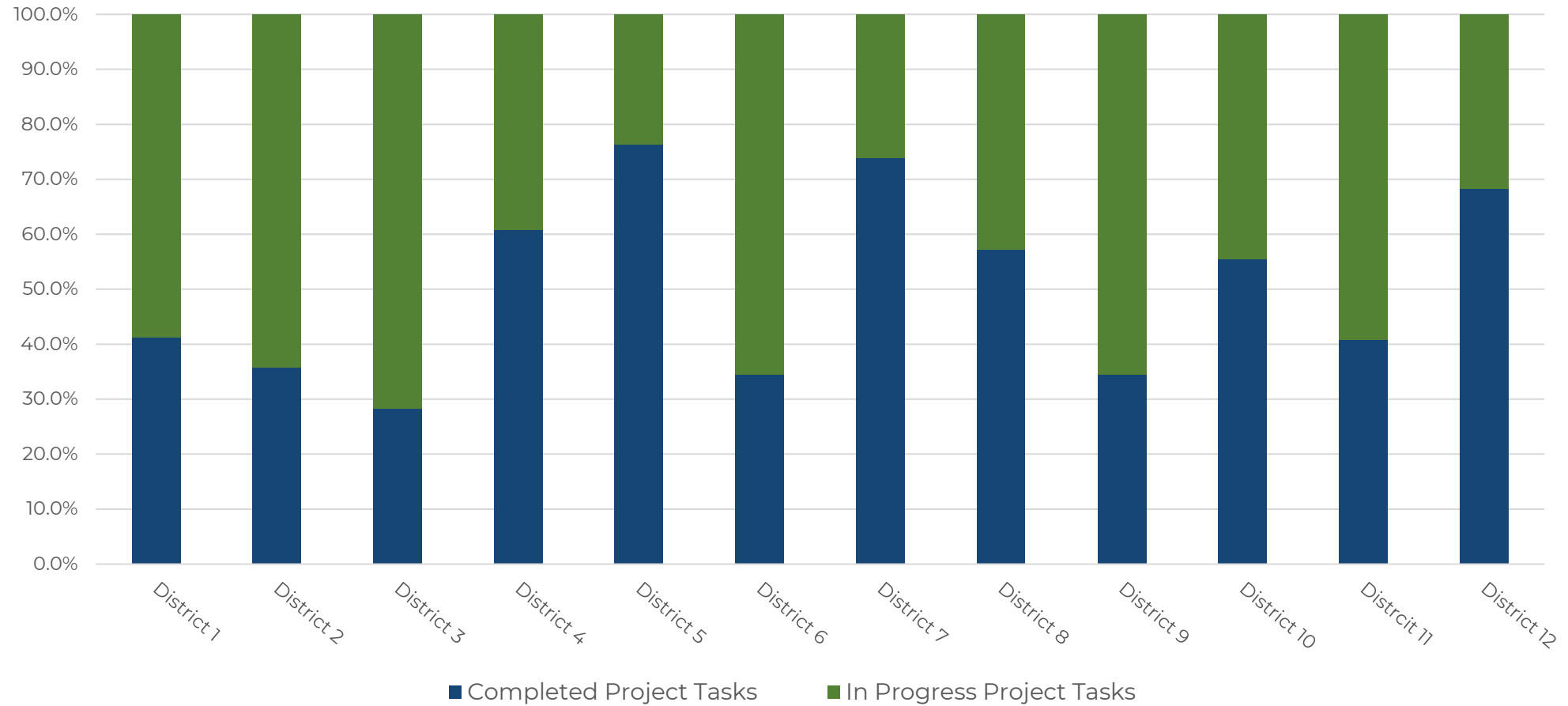
Feb 2024:
Initial evaluations complete

Negotiations

Feb 2024-June 2024:
Negotiations in-progress

Contract Awards
April 2024 - July 2024:
Complete Negotiations and award contracts

2024 PRECONSTRUCTION DELIVERY

2024	Preconstruction complete by March	April – June	July – September	October – December
Region 1	25 miles	100 miles	275 miles	800 miles
Region 2	0 miles	100 miles	75 miles	400 miles
Region 3	40 miles	50 miles	40 miles	625 miles
Region 4	70 miles	100 miles	80 miles	150 miles
Region 5	40 miles	125 miles	530 miles	375 miles
Total	**175 miles**	**475 miles**	**1,000 miles**	**2,350 miles**

*Data as of 26 March 2024
Numbers have been rounded

Legend

Ready to Construct

MMBI Regions

Market Sounding program suggests a **well-structured operations partnership** can better achieve MMBI's policy goals, while reducing the state's risk and financial exposure.

Achieve material risk transfer
Through robust & enforceable contractual framework

Leverage private sector
Private sector experience, capabilities & incentives

Minimize future expense obligations
From state funding

Use competition
To generate maximum public benefits

Build in protections
To counter potential for monopolistic behavior

PROPOSED APPROACH

Proposed Approach:

CDT should initiate a competitive procurement to identify an experienced and well-qualified partner to assume responsibility for O&M through a long-term "Network Stewardship Agreement" as the Operations Third Party Administrator (TPA).

Next Steps:

Initiate two-part procurement approach:

1 Request for Qualifications (RFP Part 1)
Evaluation criteria: select 3-4 proposers based on capabilities and experience.

2 Request for Proposals (RFP Part 2)
Evaluation criteria: committed policy safeguards, proven approach to O&M, financial capacity, and revenue sharing commitments.

OVERVIEW & GOALS

Launching MMBI Customer Sounding: CDT to ensure robust coordination with last mile efforts as part of the customer sounding program

CDT will run operations TPA procurement in parallel with MMBI customer sounding to identify potential users of MMBI including **local public sector leaders** and **last-mile ISPs**.

Goals of **Customer Sounding**:

- Build trust in the value of MMBN to last-mile users
- Identify key customers who will procure services from MMBN
- Source input about operations governance of MMBN
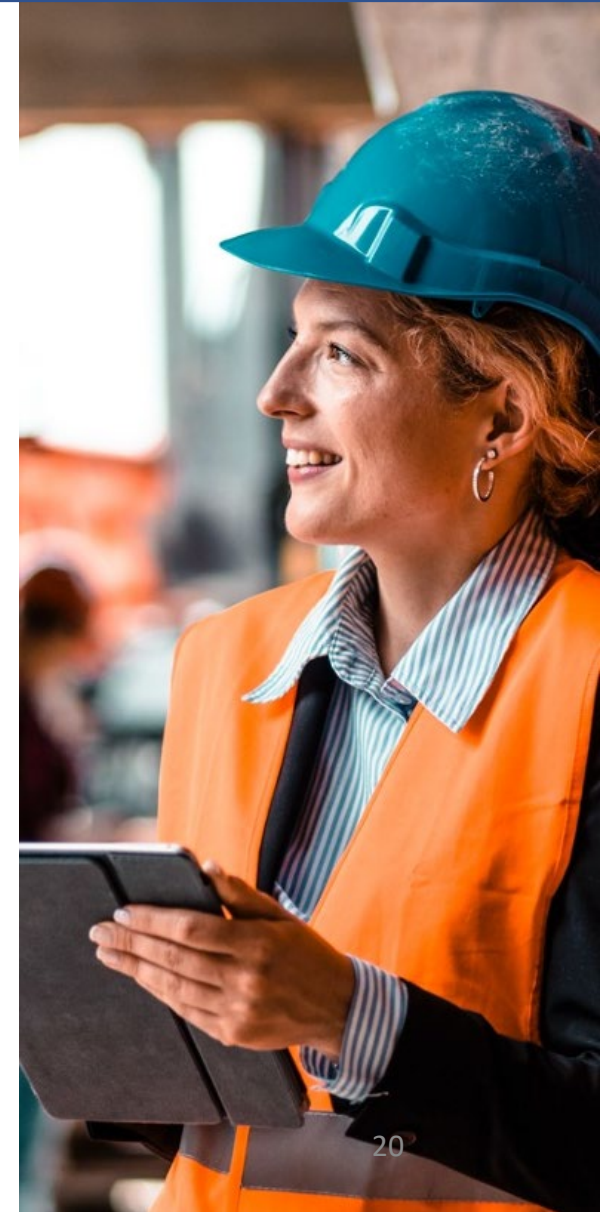
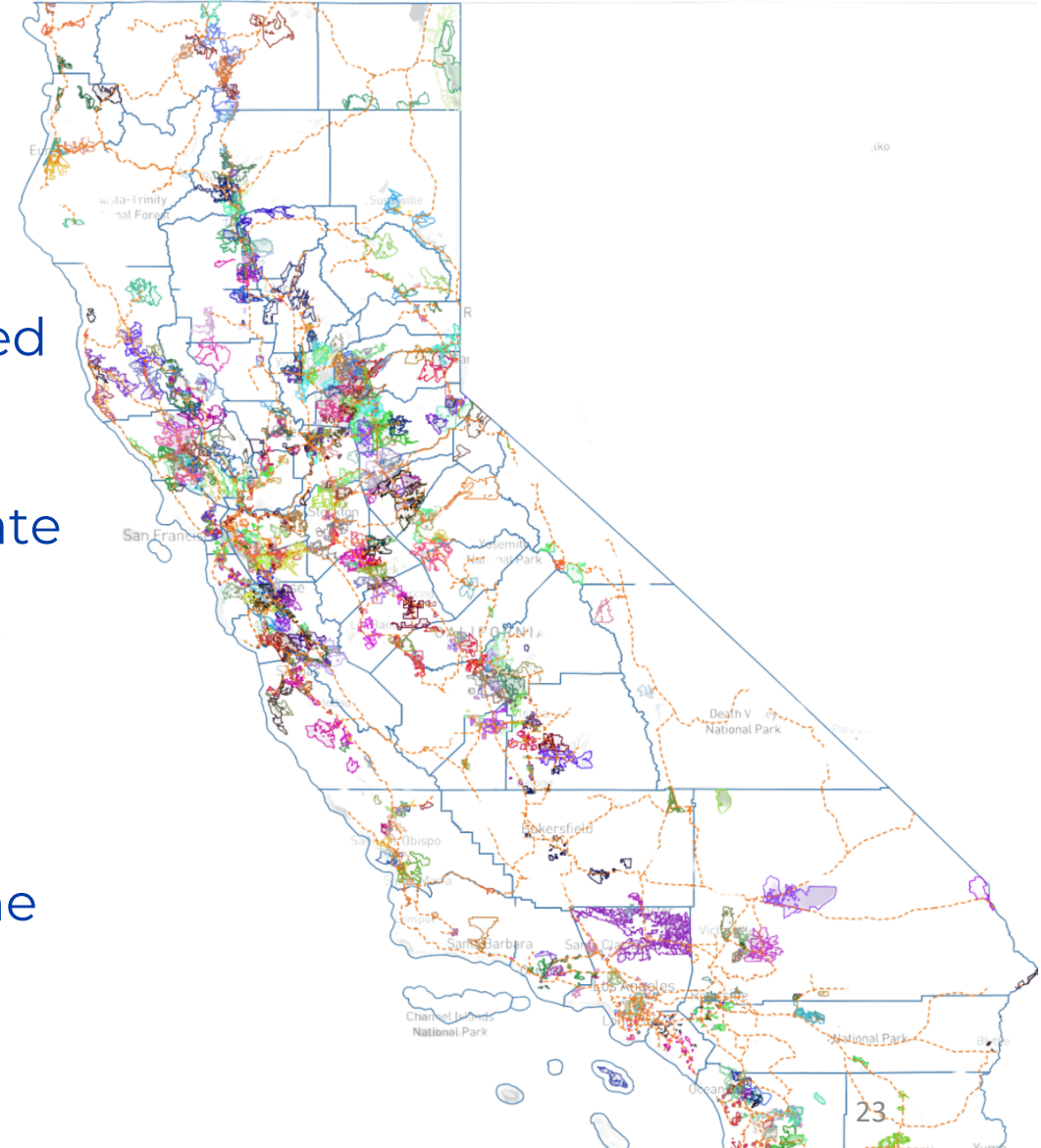**CALIFORNIA ALL** Middle-Mile Broadband Initiative

LAST MILE BROADBAND PROGRAMS AND INVESTMENTS OVERVIEW

	Broadband Equity Access and Deployment (BEAD)	California Advanced Services Fund (CASF)	Loan Loss Reserve Fund (LLR)	Last Mile Federal Funding Account (FFA)
Amount	~$1.86 billion	$150 million/year (pending BCP approval)	$750 million (proposed budget = $500 million	~$2 billion
Summary	Funds for planning, infrastructure and adoption starting in 2024.	Funds broadband infrastructure and adoption in low-income housing, Tribal communities, and unserved areas.	Provides collateral to local government, Tribes, and nonprofits to finance their own broadband Infrastructure.	Funds for last-mile broadband infrastructure projects in every county.
What's Next?	After NTIA approves Initial Proposal, CPUC conducts challenge process, solicits applications, and selects subgrantees.	Expanded Public Housing and Tribal Tech Assistance programs March 2024. Applications accepted in 2024 for various accounts.	The first round of applications closed on April 9th.	Evaluating nearly 500 grant applications for every county. First awards expected to be announced in June.

FEDERAL FUNDING ACCOUNT APPLICATIONS

~$2 Billion for Last Mile Infrastructure Projects to deliver reliable broadband to unserved communities

- For projects providing end-user service to unserved locations

- An application received for every county in the state
  - Application, Project Area, Objection, Applicant Responses to Objections are publicly available
  - Objection Process closed December 20, 2023
  - First awards expected to be announced in June

23

FFA APPLICATIONS & MIDDLE-MILE BROADBAND INITIATIVE

- **FFA awards points for applications that interconnect with the Middle-Mile Broadband Initiative (MMBI) where reasonable and feasible.**
  - o Applications not within a reasonable proximity of the MMBI can get points.
  - o Applications may be awarded that do not connect to the MMBI.

- **California Department of Technology and California Public Utilities Commission coordinate and collaborate on implementation through weekly meetings and joint meetings with FFA applicants.**

FFA APPLICATIONS & MIDDLE-MILE BROADBAND INITIATIVE

Based on current data from the most recent update by last mile Federal Funding Account applicants proposing to connect to the Middle-Mile Broadband Initiative:*

- Number of applications and entities: 107 applications from 48 entities

- Number of unserved locations proposed to be provided service in the applications: 500,000

- Total amount of funding requested in the applications: $4.6 billion

*Totals as of March 2024, subject to update, and contingent on holistic application review and award.

LOAN LOSS RESERVE PROGRAM

Overview

Provides collateral so that local governments, Tribes, and non-profits can receive more favorable borrowing rates and terms for bonds, loans, and letter of credit for the deployment of publicly owned broadband infrastructure.

Update

Updates on applications during Loan Loss Reserve first application window.

Timeline

- First Application Window Closed April 9, 2024
- Program info, webinars, fact sheets
- Next window planned after July 2024
- First awards targeted Q2-Q3 2024

CALIFORNIA ADVANCED SERVICES FUND

Adoption: Grants for digital literacy and broadband access projects

- January 2024 cycle applications | 61 projects | $7.4 million

- Next Application Deadline: July 1, 2024

Public Housing: Grants to build networks offering free service to low income communities

- January 2024 cycle applications | 21 projects | $1.3 million

- Expanded eligibility for non-publicly supported housing developments and project costs in Decision 24-03-041

- Next Application Deadline: July 1, 2024

Infrastructure: Grants to subsidize the cost of middle and last mile infrastructure to expand high quality communications service throughout California.

- 3 projects approved | $7.2 million

Tribal Technical Assistance: Grants to assist California Tribes in developing market studies, feasibility studies, and/or business plans

- Expanded program and increased support for market studies, feasibility studies, and business plans in Decision 24-03-041

- April 1, 2024 cycle | 3 Tribal applications | $750,000

- Next Application Deadline: July 1, 2024

CETF ANALYSIS & COMPARISON OF STATE ACP ENROLLMENT PERFORMANCE

Key Findings

- CA finished strong leading up to 2/7 freeze.

- 2/3 eligible HHs not aware of ACP or ISP affordable offers.

- CA had 2M more eligible HHs than any other high-performing state

- CA enrolled more HHs for each 1% increase

- CA enrolled >1M HHs more than any other state.

- Leadership of Broadband Council was pivotal.

21% enrolled **32%** enrolled   **52%** enrolled **53%** enrolled

Jan 22   Nov 22   Jan 24   Feb 24

■ Eligible CA Households Enrolled in ACP

■ Eligible CA Households not Enrolled in ACP

Data Source Eligible Households: Columbia University Poverty Center (povertycenter.columbia.edu)

CALIFORNIA ALL
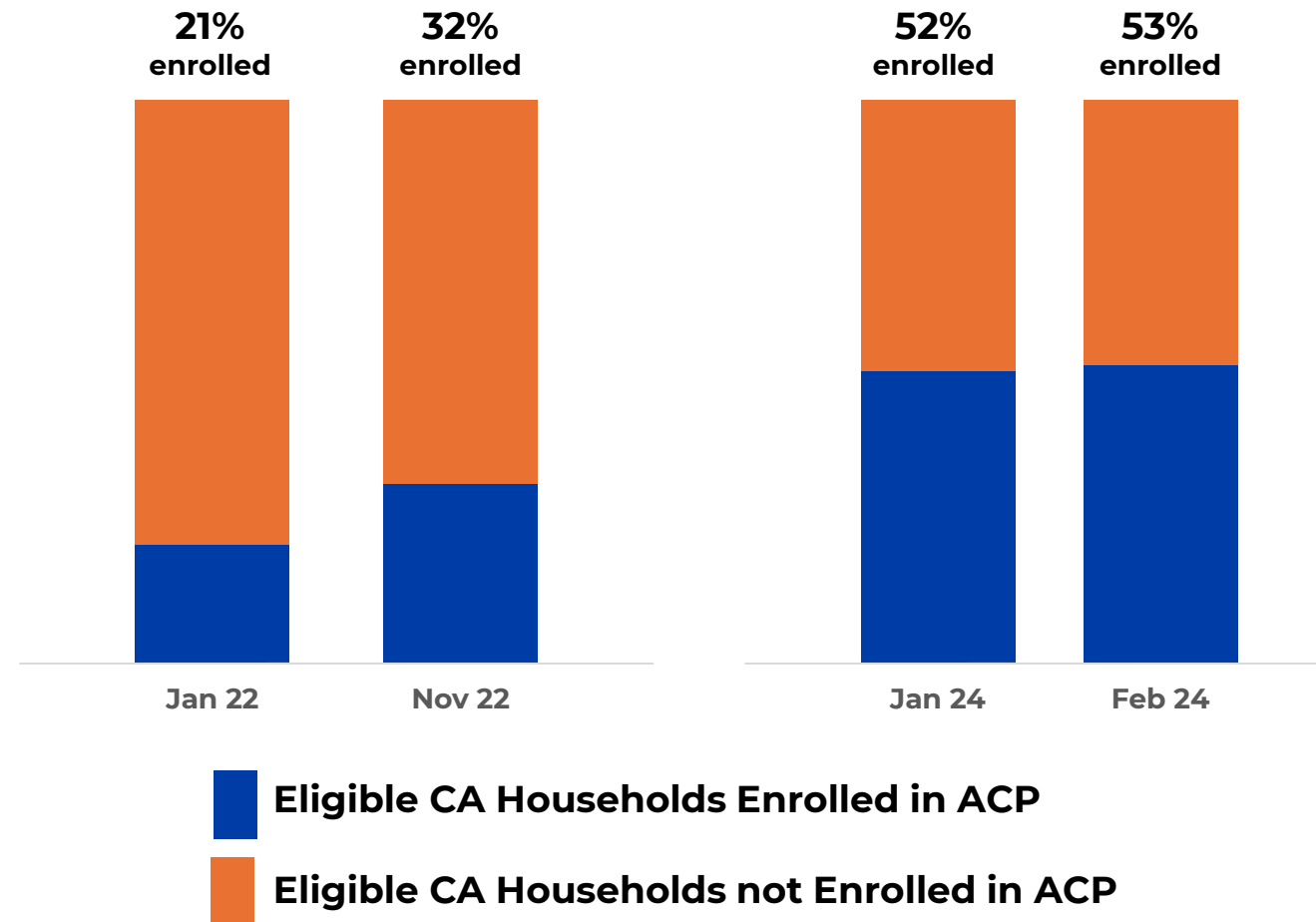
CETF ANALYSIS & COMPARISON OF STATE ACP ENROLLMENT PERFORMANCE

High-Level Overview of State Performance on ACP
- ACP Enrollment that Out-performed CA 2022-2024 by 2 Metrics
  - Percentage of Eligible HHs Enrolled
  - Rate of Increase Since January 2022

Overall Observations from the Analysis of 10 Top-Performing States
- 11/2022: **9 States** Out-Performed California for both metrics: MI, WI, OK, NY, NM, NC, SC, AL, FL
- 01/2024: **4 States** Out-Performed California: FL, MI, NY, OK
- 02/07/2024: **2 States** Out-Performed California: MI, NY
- 7 States and the District of Columbia Achieved Higher Rates of Percentage of Eligible Households Enrolled; OK Tied with CA

Lessons Learned and Smart Practices

- Direct Notification (Texting, Email, Mail) is key; Direct Mail is a good proxy.
  - DHCS, CDSS, San Diego County Direct Notification
- Call Center with referrals to CBOs generated most enrollments.
- Advertising is essential to increase awareness to augment Direct Notification.
- Community and ethnic media channels are the most effective.
- Public and Private Partnership (State Agencies - ISP Collaboration)

CALIFORNIA
ALL

NTIA IIJA Programs Update
State Digital Equity Planning & BEAD

Scott Adams
Deputy Director, Broadband and Digital Literacy
California Department of Technology

Robert Osborn
Director, Communications Division
California Public Utilities Commission

STATE DIGITAL EQUITY PLAN
KEY ACTIVTIES

1 Complete BB4All infrastructure investments

2 Convene digital equity stakeholders

3 Refine digital equity data and maps

4 Develop a digital equity capacity sub-grant program

5 Fund State-managed digital inclusion programs

6 Develop digital inclusion tools & best practices

7 Promote low-cost service offers & subsidy programs

PUBLIC COMMENT OVERVIEW

45-Day Public Comment Period (Dec. 12, 2023 - Jan. 25, 2024)

Outreach & Engagement:

- Sent 5 notifications to **10,000+ network**

- Developed outreach toolkit, available in **7 languages**

- Hosted **Partner & Stakeholder** Webinar 12/15/2023 (**167 attendees**)

- Presentations at SoCal Transformation, LA County, CA Telehealth Coalition

- Reopened Digital Ecosystem Mapping Tools

442 Comments Received:

- **301 Residents**
- **141 Organizations**

STATE DIGITAL EQUITY PLAN
PUBLIC COMMENT GENERAL THEMES

Covered Populations	Measurable Objectives	Barriers for Covered Populations
Adoption, ACP and successor program	State managed efforts vs. local efforts	Digital Literacy Training
Digital Navigation and grant framework	Implementation and Timeline Details	Ongoing collaboration

NOTICE OF APPROVAL & CAPACITY GRANT NOFO

- 3/28 - SDEP approved by NTIA

- 3/29 – DE Capacity Grant NOFO released

  - California's allocation is $70.2 million

- 5/28 – State application due to the NTIA

Scan here to read the Plan

ALLOWABLE USES OF DIGITAL EQUITY CAPACITY GRANT

- Develop local digital equity plans
- Broadband adoption campaigns
- Digital navigation services
- Digital literacy and skills training
- Targeted device distribution
- Workforce development training and apprenticeships

STAKEHOLDER ENGAGEMENT

Large Group Presentations
- 2/20 - Aspen Institute Latinos and Society Forum
- 3/6 - CETF Policy Forum
- 3/25 - American Society on Aging
- 4/4 - Chinese for Affirmative Action DE Briefing
- 4/11 - California Association for Local Economic Development (CALED) Conference
- 4/17 - San Francisco Tech Council Meeting

Market Research & Listening Sessions
- State Agencies
- Broadband Consortia
- Local Governments
- Community Based Organizations
- Private Sector Entities

CALIFORNIA
ALL

ONGOING ENGAGEMENT & COLLABORATION

- Listening Sessions & Market Research on Program Design

- Public Comment

- Statewide Digital Equity Implementation Group (SIG)

- Outcome Area Working Groups

- Community Advisory Committee

- Webinars and Public Meetings

- Broadband for All Portal

- Monthly Broadband Email Updates

Scan Here to Subscribe and Stay Engaged

STATE DIGITAL EQUITY CAPACITY GRANT
TIMELINE

| Submit Capacity Grant Application | NTIA Review of Applications | Capacity Grant Funds Released | NTIA Competitive Grants | Capacity Sub-grants Available |

Q2 2024   Q3 2024   Q4 2024   2025

BROADBAND EQUITY, ACCESS, AND DEPLOYMENT (BEAD) UPDATE

In June 2023, $1.86 billion was allocated to California to deploy last-mile service to unserved & underserved

Open BEAD Rulemaking (R.23-02-016) for design and implementation of the program. Milestones include:

- 2023 Engagement With CDT

- Five Year Action Plan accepted by NTIA

- Submission Initial Proposal Volumes 1 & 2 to NTIA
  - Approval for Initial Proposal Volume 1 received April 4, 2024
  - Initial Proposal Volume 2 currently under review by NTIA

- All activities subject to NTIA review and approval

- Commission must take action on program design and rules

- More information and subscribe to updates

- Tier E License Application-Challenge Process

BEAD CHALLENGE PROCESS UPDATES

As directed by NTIA, the CPUC will conduct a public process to refine a map of served, underserved, and unserved locations (or location eligible for funding) prepared by NTIA
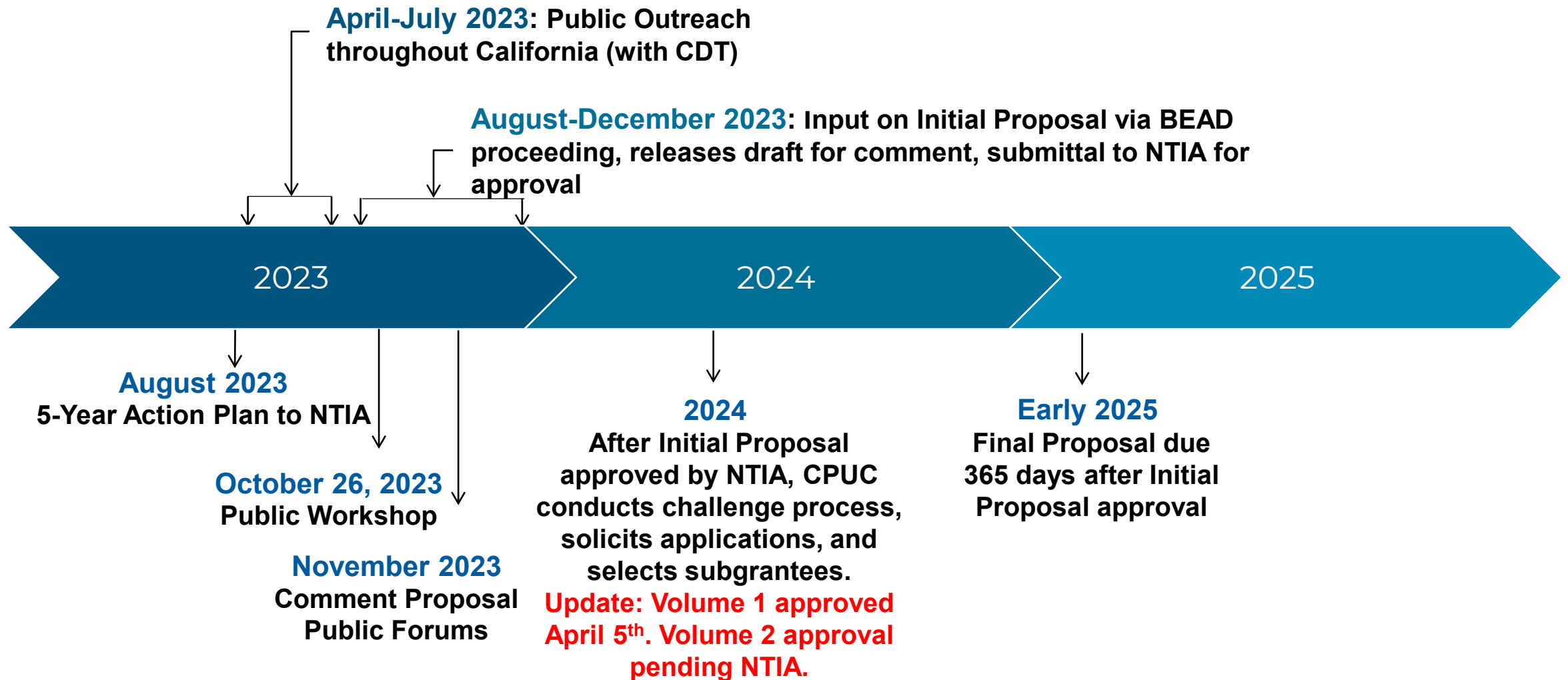
- The process will allow governments (local, regional), Tribal nations, nonprofits, and ISPs to "challenge" the status of location (served/underserved/unserved)

- The process is data driven and provides an opportunity for rebuttals

- The CPUC will submit its determinations to NTIA who will make final determination on eligible locations

BEAD CHALLENGE PROCESS UPDATES

- On April 5, 2024, the CPUC issued a draft decision to adopt the approved Initial Proposal Volume 1.
  - Comments due April 25
  - Reply comments on April 30

- Outreach activities will start with a webinar from 10:00a.m. to 11:30a.m on April 24, 2024 with an Introduction to the NTIA Model BEAD Challenge Process.
  - **Register here**

BEAD UPDATE

April-July 2023: Public Outreach throughout California (with CDT)

August-December 2023: Input on Initial Proposal via BEAD proceeding, releases draft for comment, submittal to NTIA for approval

2023   2024   2025

August 2023
5-Year Action Plan to NTIA

October 26, 2023
Public Workshop

November 2023
Comment Proposal
Public Forums

2024
After Initial Proposal approved by NTIA, CPUC conducts challenge process, solicits applications, and selects subgrantees.
Update: Volume 1 approved April 5th. Volume 2 approval pending NTIA.

Early 2025
Final Proposal due 365 days after Initial Proposal approval

Public Comment

THANK YOU!

Website:

BroadbandForAll.cdt.ca.gov

Contact:

CABroadbandCouncil@state.ca.gov

CALIFORNIA ALL

BROADBAND
FOR ALL