

Broadband Equity Access & Deployment (BEAD) Program

Assembly Communications & Conveyance Committee Informational Hearing

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California Public
Utilities Commission

BEAD Program - *Delivering for California*

- Build on and advance California's historic SB 156 investment in Broadband for All
- **Goals for Designing California's BEAD program**
 - Maximize federal funds for the state
 - Meeting California's needs
 - 5-Year Action Plan; Coordination with Middle Mile, Digital Equity, California Advanced Services Fund, and other programs
- **Statewide Public Engagement**
 - Robust BEAD and Digital Equity public engagement process underway in coordination with California Department of Technology
- **County Briefings on CPUC Grant Programs**
 - Meeting with counties to provide briefing and overview of CPUC grant programs
 - Briefings completed for 21 counties

BEAD and Digital Equity Workshops


- CPUC and California Department of Technology **joint public process**
 - 12 of 20 workshops conducted with over 1,200 participants to date
 - **Statewide locations:** Eureka to San Diego, Grass Valley to San Bernardino, Tuolumne to Oakland, Redding to Los Angeles
 - 3 Tribal consultations
 - 5 more workshops upcoming
- Each workshop **informs** participants of:
 - How BEAD is coordinated with the statewide Middle-Mile network
 - How BEAD and California Advanced Services Fund programs are coordinated to serve a range of community needs
- Each workshop asks participants to **engage** directly in:
 - Discussions of digital equity barriers, strategies, and outcomes for groups such as households below 150% of federal poverty line, foster youth, rural households
 - Maximizing the opportunity while drawing directly from California's experience and needs



BEAD & Digital Equity Workshops:
San Jose,
Santa Rosa,
Chico, Fresno,
Merced



Agenda

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- Broadband Infrastructure & Technical Assistance Funding Programs**
 - BEAD Program Rulemaking**
 - BEAD & Digital Equity Outreach**
 - Five-Year Action Plan**
 - BEAD Implementation Timeline**

2023 Last-Mile Broadband Investment Snapshot

	TECHNICAL ASSISTANCE	LOAN LOSS RESERVE FUND	FEDERAL FUNDING ACCOUNT	CALIFORNIA ADVANCED SERVICES FUND
<i>Amount</i>	\$50 million	\$750 million	\$2 billion	Up to \$150 million/year
<i>Summary</i>	Assist local governments & Tribes to prepare for broadband infrastructure investments.	Enable local governments & nonprofits to secure financing for broadband infrastructure.	Fund last-mile broadband infrastructure projects in every county.	Assist with broadband infrastructure deployment & adoption in public housing, Tribes, & unserved areas.
<i>Target</i>	Tribal Entities can still apply	<u>Proposed Decision</u> expected in Q3 2023	Apply starting in June 2023	<u>Apply</u> in the next cycle for adoption, public housing, & line extension accounts

Broadband Equity Access & Deployment (BEAD) Program

Funding pool
\$42.45B

Federal program to get all Americans online by funding partnerships between states or territories, communities, and stakeholders to build infrastructure where we need it to and increase adoption of high-speed Internet.

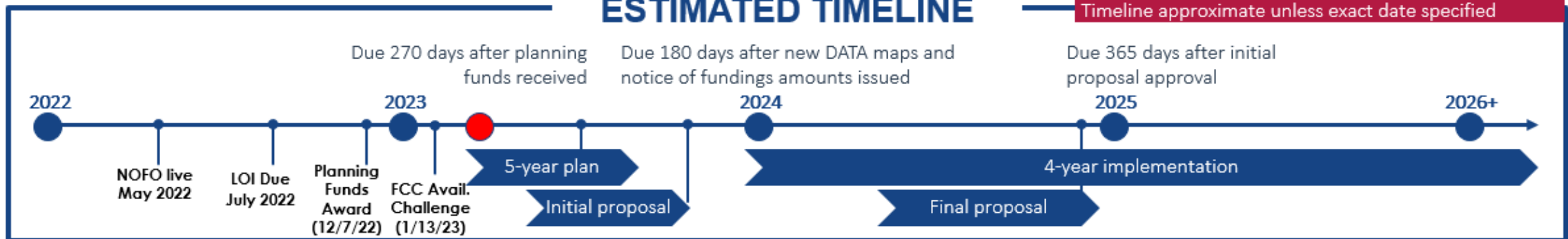
PROGRAM HIGHLIGHTS

Example eligible uses of funds include:

- ☆ Planning for deployment of Internet
- ☆ Deploying or upgrading Internet
- ☆ Installing Internet in multi-tenant buildings
- ☆ Implementing adoption and digital equity programs
- ☆ Workforce and job training

ESTIMATED TIMELINE

Timeline approximate unless exact date specified



Broadband Infrastructure Funding - *Program Differences*

	California Advanced Services Fund	Federal Funding Account	Broadband Equity, Access & Deployment
<i>Eligibility</i>	<25/3	<25/3 (reliable)*	<25/3
<i>Location Type</i>	Households	Households, small businesses, etc.	Households, small businesses, & community anchors
<i>Matching Funds</i>	None	Match encouraged	25% match**
<i>Deployment Requirements</i>	100/20 Mbps	100/20 Mbps	100/20 Mbps
<i>Affordable Plan</i>	Required	Required	TBD
<i>Application Deadline</i>	May 1, 2023	Opens June 2023	TBD

* As defined in CPUC Decision D.22-04-055

** Refer to BEAD Notice of Funding Opportunity (NOFO) on federal match rules; state program rules forthcoming

BEAD Program Rulemaking at CPUC

Issues for Consideration

- Extremely High-Cost Threshold level
- Geographic level of application (e.g., per-location, per-census block, per-town, per-county, etc.)
- Mechanism to allow like-to-like comparison of competing proposals
- Additional Prioritization Factors beyond those required in the federal Notice of Funding Opportunity
- Information to be provided by a challenger as a basis for asserting service already exists at a location, or locations, that disqualify the location/s from being called “unserved”
- State funding allowed to be used as Match Requirement

Questions for Consideration

- How should the CPUC prioritize subgrantee project proposals that plan on utilizing the statewide open-access middle mile network?
- Should the CPUC include a ministerial review process?
- What conditions should the CPUC impose on BEAD subgrantees—for example, workforce development (e.g., job training) and the type of affordable plan?
- How many application cycles should there be in a calendar year?
- What payment milestones should the BEAD subgrantee program adopt?
- How does the BEAD Program connect to and implement the CPUC’s Environmental and Social Justice Action Plan?

BEAD and Digital Equity Outreach

Completed and Upcoming Workshops

BEAD and Digital Equity Public Engagements - *Completed*

Date	City	Location
April 14, 2023	Merced	Merced College Library
April 15, 2023	Fresno	Fresno City College
April 21, 2023	San Diego	San Diego Central Library
April 27, 2023	Chico	Chico Masonic Family Center
April 28, 2023	Santa Rosa	Santa Rosa Veterans Building
May 3, 2023	Eureka	Jefferson Community Center
May 5, 2023	San Jose	Santa Clara County Office of Education
May 11, 2023	Sacramento	Sacramento Central Library
May 12, 2023	Grass Valley	Grass Valley Veterans Memorial Building
May 16, 2023	San Bernardino	CSU San Bernardino
May 19, 2023	Los Angeles	LA Trade Tech Campus
May 20, 2023	Long Beach	Veterans Park Social Hall

*See here for public event page: [Department of Technology Events | Eventbrite](#)

BEAD and Digital Equity Public Engagements - *Upcoming*

Date	City	Location
May 24, 2023	Santa Ana	Orange County Administration South Building
May 30, 2023	Tuolumne	Tuolumne County Resiliency Center
June 1, 2023	Santa Maria	Hancock College
June 2, 2023	Seaside	CSU Monterey Bay, Student Center
June 8, 2023	Oakland	Oakstop – California Ballroom
June 20, 2023	Redding	Tribal Consultation – Redding Library
June 22, 2023	Porterville	Tribal Consultation – Eagle Mountain
June 27, 2023	El Cajon	Tribal Consultation – Kumeyaay Community College
July 12, 2023	Virtual	Tribal Consultation - Statewide

Merced and Fresno Event Videos

- Over 1,200 participants in the first 12 events held (Merced, Fresno, San Diego, Chico, Santa Rosa, Eureka, San Jose, Sacramento, Grass Valley, San Bernardino, Los Angeles, and Long Beach)

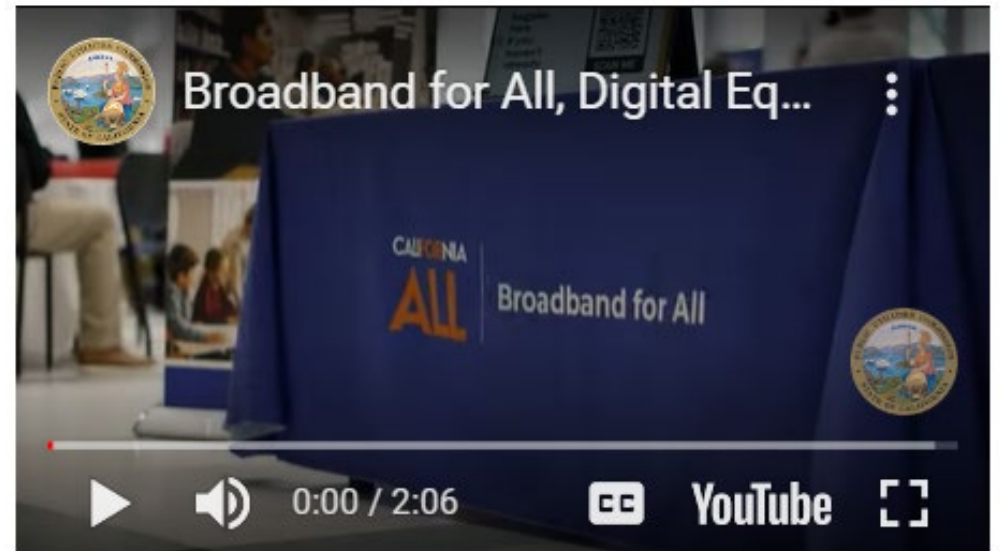
Merced Event

**BROADBAND FOR ALL, DIGITAL EQUITY, AND
BEAD PLANNING WORKSHOP - MERCED (APRIL
14, 2023)**



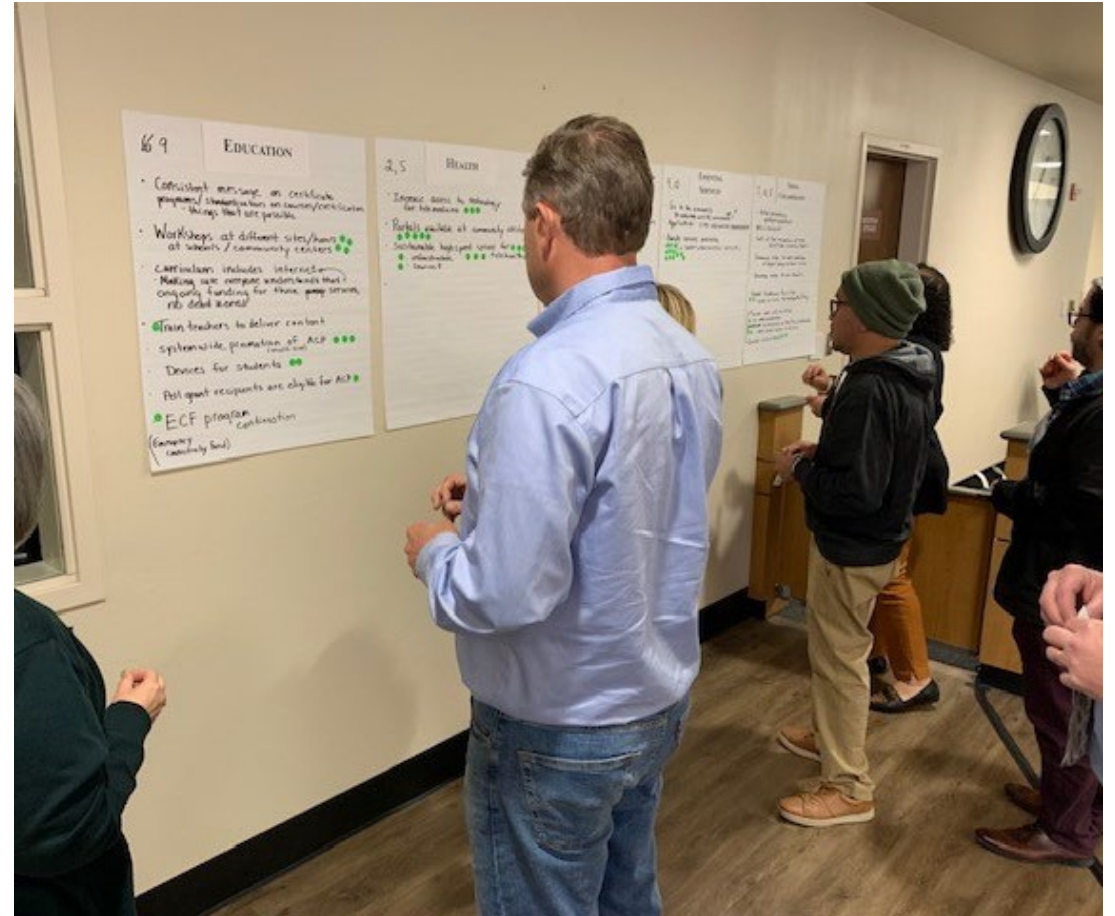
Fresno Event

**BROADBAND FOR ALL, DIGITAL EQUITY, AND
BEAD PLANNING WORKSHOP - FRESNO (APRIL
15, 2023)**

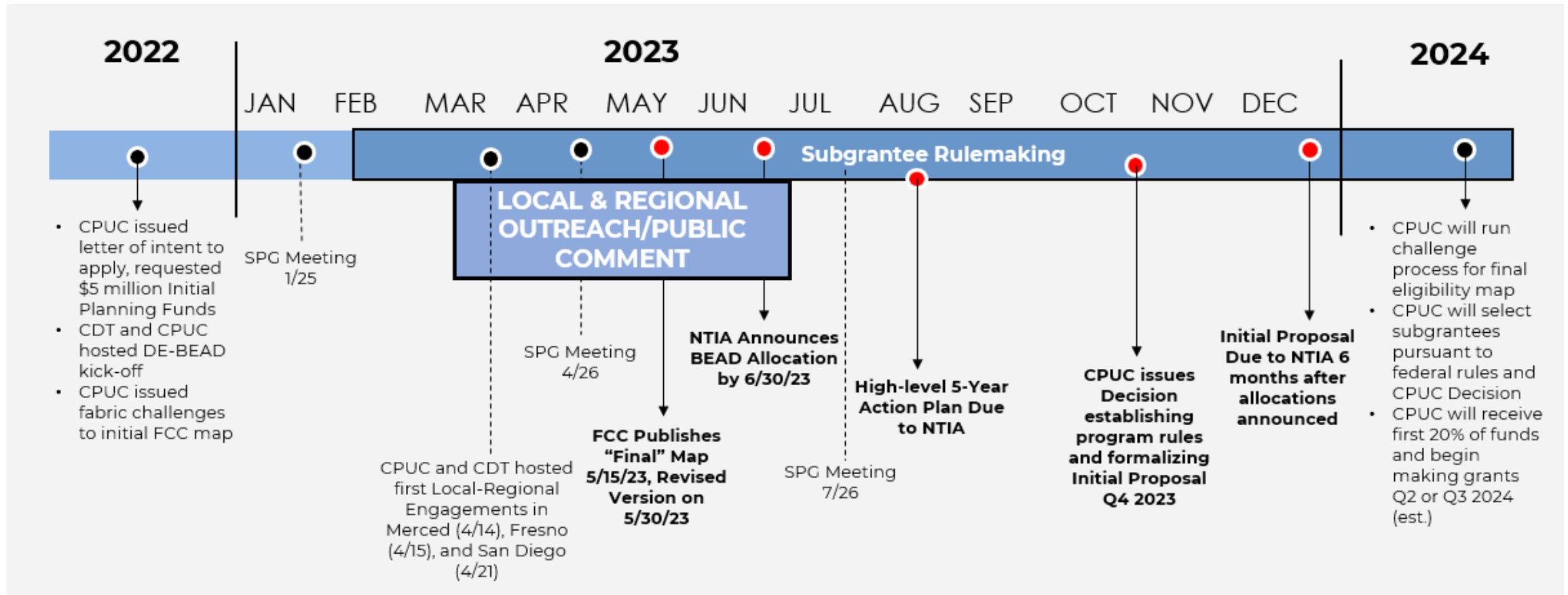


BEAD Five-Year Action Plan - *Designed for California*

- CPUC to submit to NTIA mid-August 2023
- Use BEAD & Digital Equity workshop input to provide a comprehensive, high-level plan for providing reliable, affordable, high-speed internet service in California, including:
 - Estimated timeline and cost for universal service
 - Planned use of federal, state and local funding sources
 - Prioritization of areas for federal support
 - Use of public-private partnerships or cooperatives to address California's needs
 - Strategies to address affordability issues, such as increasing enrollment in the Affordable Connectivity Program
 - Strategies to ensure an available and highly skilled workforce, including plans to attract, retain, or transition the skilled workforce needed to achieve the plan's goals



California BEAD Implementation Timeline – *Key Milestones*





California Public Utilities Commission

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