Agenda

- Welcome / Member Comments
- Broadband and Digital Literacy Update
- BB4All Action Plan - Long-Term Action Item Updates
- Middle-Mile Broadband Initiative Update
- Last-Mile and Adoption Programs Update
- Adoption / Affordable Connectivity Program Update
- NTIA IIJA Broadband Programs Update
- Public Comment
Welcome / Opening Comments

Liana Bailey-Crimmins
Director, California Department of Technology
State Broadband and Digital Literacy Updates

Scott Adams
Deputy Director, Broadband and Digital Literacy
OBDL Update

Workplan Update

• Monthly Action Item Check-ins
• Progress on long-term action items

Highlights

• Affordable Connectivity Plan
• Tribal Digital Equity Planning Grant Workshop
• State Application for NTIA Digital Equity Planning Grant Submitted
Action Plan Updates
Long-Term Action Items

California Public Utilities Commission
Department of General Services
Housing and Community Development
California Department of Technology
Governor’s Office of Business and Economic Development
Modernize California’s universal service programs.
Action Item 3
Status: Continuing

• California Advanced Services Fund (R.20-08-021)

• California High-Cost Funds (CHCF-A and CHCF-B)

• California Teleconnect Fund

• California LifeLine (R.20-02-028)

• Deaf and Disabled Telecommunications Program
Establish clear standards of consumer protection and provisioning of equitable service by providers.
CPUC Consumer Protections

Action Item 10
Status: Continuing

• Protections for customers impacted by disasters, resiliency requirements (R.18-03-011)

• Service quality standards (R.22-03-016)

• Digital redlining phase of Broadband for All Rulemaking (R.20-09-001)
Action Item #12 (CPUC)

Improve the California Lifeline Program.
Action Item 12
Status: Continuing

- Updated Support Amounts & Standards (D.20-10-006).
- Reformed the Renewals Process in Compliance with AB 74 (Chapter 410, Statutes 2021) (D.22-05-014).
- LifeLine Program Assessment & Evaluation (Ruling).
Provide guidance to local governments and partner with Tribal governments to develop broadband strategies and explore options for increasing competition in their communities.
Action Item 17

Status: Continuing

• Local Agency Technical Assistance Grant Program

• Tribal Technical Assistance Grant Program

• Local Government Outreach and Tribal Consultations
Action Item #7 (DGS)

Identify state property for possible use for broadband infrastructure
• Prior Reporting – Property Inventory Alignment with Middle Mile Network.

• Additional Criteria Received – Some Incorporated, Some Granular Data is Non-Existent.

• DGS/CDT GIS Collaboratively Updated Maps – At Present, Inventory (Maximum Universe) is Concluded.
Industry Outreach

- Presentations: *Broadband for All Roundtable for Schools, Libraries, and Community-Based Organizations* and Caltrans Broadband Industry Meeting (Both 5/12)

- Follow-Up Survey – Use of State Property, Development Needs, Perceived Barriers, etc.
Industry Survey

• Limited Initial Results – Potential Indicator of Interest

• 14 Responses from 152 internet service providers

• Anecdotal Results:
  – Development Preferences = Rooftop/Tower, Long-Term Leases, Permanent, 24x7 Access Improvements Needed.
  – Barriers = Cost/Permitting/Timing
Next Steps and Ongoing Risks

- CDT resending survey to obtain additional results
- In-depth interviews with initial survey respondents
- Assessment of leasing authority
Leverage existing California Department of Housing and Community Development programs, such as the Infill Infrastructure Grant (IIG) Program and the Affordable Housing and Sustainable Communities (AHSC) Program.
Creates a coordinated, single-application and award process for four of HCD’s rental housing programs to align eligibility criteria, scoring, and release of funds.

- **Multifamily Housing Program (MHP)**
  Provides low-interest, long-term deferred-payment loans for new construction, rehabilitation, and preservation of permanent and transitional rental housing for lower-income households.

- **Infill Infrastructure Grant Program (IIG)**
  Promotes infill housing development by providing financial assistance for Capital Improvement Projects.

- **Farm Workers Housing Program (FWHP)**
  Funds new construction, rehabilitation, and acquisition of owner-occupied and rental units for agricultural workers, with a priority for lower income households.

- **Veterans Housing and Homelessness and Prevention Program (VHHP)**
  Provides long-term loans for the acquisition, construction, rehabilitation, and preservation of affordable multifamily housing for veterans.
Applications were due July 12, 2022, awards scheduled for November 2022.

**MHP, IIG, FWHP, VHHP**
- **Eligible Expense** – broadband is now an eligible expense.
- **Threshold requirement** – as a threshold, 25 Mbps for download and 3 Mbps for upload (25/3).
- **Added Point Scoring Criteria**
  - 100/20 Mbps, 50/10 Mbps (rural) **AND** one of the following:
    - Provide free or reduced broadband pricing.
    - Access to connected devices and WiFi.
    - Computer literacy training and technical assistance.
Administered by the Strategic Growth Council and implemented by HCD, AHSC funds land-use, housing, transportation, and land preservation projects to support infill and compact development that reduce greenhouse gas emissions.

Round 6: award date 1/26/22
Round 7: NOFA to be released October 2022

• Eligible Expense
  – Broadband infrastructure is an eligible expense (Rounds 6 & 7)
  – Broadband service offered as an eligible expense (Round 7 proposed)
  – Digital literacy programs will be an eligible expense (Round 7 proposed)

• Threshold requirement
  – 25/3 (Round 6)
  – Applicants required to provide broadband service at no additional cost to tenant (Round 7 proposed)

Note: AHSC Draft Round 7 Guidelines policy discussion document is available to the public.
Promote existing state contractual vehicles with internet service providers and equipment vendors to support cost savings and efficient purchasing of broadband services and equipment by local public entities.
Leverage contracting and procurements

Action Item 14
Status: Continuing

Highlights
• Leveraged procurements and existing contracts for MMBI

Next Steps
• Identify opportunities during State Digital Equity and BEAD planning efforts
Action Item #16 (CDT)

Partner with internet service providers to promote, track and publicly report the progress of adoption of affordable internet services and devices throughout the state.
Promote low-cost service and device offers

Status: Ongoing

Affordable service programs

Home internet service is critical for all individuals. The cost of internet remains a barrier for many people.

We’ve partnered with EveryoneOn* and the California Emerging Technology Fund to help you find programs in your area:

- The Affordable Connectivity Program®
- Low-cost internet service
- Computer offers
- Digital skills training (like computer and internet basics)

* The information from EveryoneOn is provided as a public service. Review our disclaimer for more details.

Find affordable service programs

1. Enter your ZIP code

Find offers

Disclaimer

The California Department of Technology (CDT) provides the information from EveryoneOn as a public service to California residents. The information and services are provided to a secure site that is not affiliated in any way with CDT. CDT does not make any endorsements or representations regarding the accuracy of the information provided by EveryoneOn.
Affordable Connectivity Program

Households eligible and enrolled households
Last updated July 2022

- **ACP eligible households in California:** 5,844,787
- **Eligible California households enrolled in ACP:** 1,122,875

Total Household Enrollment

- **March:** 100,000
- **April:** 120,000
- **May:** 140,000
- **June:** 160,000
- **July:** 180,000
- **August:** 200,000
- **September:** 220,000
- **October:** 240,000
- **November:** 260,000
- **December:** 280,000

Enrollment by County and ZIP Code

- **County:** Imperial, Kern, Fresno, Los Angeles, San Diego
- **ZIP Code:** 90210, 90211, 90212, 90213, 90214

- **Name of county:** [Name]
- **Total households enrolled:** [Number]
- **Eligible households enrolled in ACP:** [Number]
- **Eligible households percentage:** [Percentage]
- **Enrolled households percentage:** [Percentage]

[Graph showing enrollment by county and ZIP code]
Action Item #18 (CDT)

Develop and manage a multi-layer network of digital inclusion stakeholders to discuss ongoing needs, share resources, and coordinate initiatives.
Progress Update

Status: Ongoing

Engaged with over 1,000 local and tribal governments, broadband consortia, metropolitan planning organizations, school, libraries, nonprofits, and internet service providers.

• Meetings and Consultations
• Broadband for All Roundtables
• External Meetings and Conferences
Next Steps

Continue to expand network and areas of engagement:

- Subject matter convenings
- Broadband for All roundtables
- Digital Equity and BEAD planning
- Monthly electronic updates
- Broadband for All Portal
Request that executive branch entities and constitutional agencies incorporate broadband into their strategic plans
Status: Ongoing

Surveyed 132 entities

- Chief Information Officers and Agency Information Officers
- Broadband Council members
- Action Item leads

Conducted individual outreach

- Received 33 responses
## Highlights

<table>
<thead>
<tr>
<th>Entity/Agency</th>
<th>Goals and Activities</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dept. of Corrections and Rehabilitation</td>
<td>Deploying broadband to prisons in support of rehabilitative efforts for incarcerated persons.</td>
</tr>
<tr>
<td>Labor and Workforce Development Agency</td>
<td>Workforce Literacy program will include digital literacy.</td>
</tr>
<tr>
<td>Dept. of Parks and Recreation</td>
<td>Expanding connectivity and services to rural parks with connectivity challenges.</td>
</tr>
<tr>
<td>Dept. of Food and Agriculture</td>
<td>Surveying Network of California Fairs to learn about broadband capabilities and deficiencies</td>
</tr>
<tr>
<td>Dept. of Motor Vehicles</td>
<td>Expanding services available online, including senior services via voice assisted online channel.</td>
</tr>
</tbody>
</table>
Next Steps

• Continue targeted outreach
• Secure additional responses
• Report out results to Broadband Council in October
• Further refine Action Item in Annual Action Plan review
Alternative Finance Opportunities

- Governor Appointed new Senior Advisor for Social Innovation (Philanthropy)
- Posted two Broadband Specialists under Community and Placed Based Solutions
Middle-Mile Update

Mark Monroe
Deputy Director, Broadband Middle-Mile Initiative
California Department of Technology
Recap

- Fiber contract awarded May 2022
  - Supplies ready for use starting January 2023
- Statewide 10,000-mile MMBI network map
  - Delivered June 2022
- Project transition to execution phase starting June 2022
  - Caltrans continues build efforts
  - GSN continues to explore lease options
  - Balance build and lease to optimize statewide coverage
Caltrans Update

Dig Smart Opportunities

<table>
<thead>
<tr>
<th></th>
<th>Initial 18 MMBI Locations (~855 miles)</th>
<th>Non-Initial 18 MMBI Locations (~9,040 miles)</th>
<th>Total MMBI Network (~9,896 miles)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of Viable Projects</td>
<td>Miles of Fiber</td>
<td>Number of Viable Projects</td>
<td>Miles of Fiber</td>
</tr>
<tr>
<td>Starting in 2022</td>
<td>3</td>
<td>22</td>
<td>7</td>
</tr>
<tr>
<td>Under Evaluation</td>
<td>9</td>
<td>88</td>
<td>70</td>
</tr>
<tr>
<td>Total</td>
<td>12</td>
<td>110</td>
<td>77</td>
</tr>
</tbody>
</table>
With SB 156 and NEPA Categorical Exclusion (assigned to Caltrans) there is a 13-month reduction in the average permitting time.
Initial 18 Locations: Discovery Phase

- CPUC public comment, prioritized unserved or underserved
- Exploration of build and lease opportunities
- Inclusion of tribal, urban and rural communities
- Range of geographic locations and technical approaches
Market Research

• Vendor briefing sessions on labor market for construction
• Market sounding on the demand for broadband
• Business plan for ongoing maintenance and operation
Last-Mile Update

Darcie L. Houck
Commissioner, California Public Utilities Commission
## Last Mile Broadband Initiative, SB 156 (Chapter 112, Statutes 2021) Investment Snapshot

<table>
<thead>
<tr>
<th></th>
<th>Local Agency Technical Assistance</th>
<th>Loan Loss Reserve Fund</th>
<th>Federal Funding Account</th>
<th>California Advanced Services Fund</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Amount</strong></td>
<td>$50 million</td>
<td>$750 million</td>
<td>$2 billion</td>
<td>$150 million per year</td>
</tr>
<tr>
<td><strong>Summary</strong></td>
<td>Assist local governments &amp; Tribes prepare for broadband infrastructure investments</td>
<td>Enable local governments &amp; nonprofits to secure financing for broadband infrastructure</td>
<td>Fund last-mile broadband infrastructure projects in every county</td>
<td>Assist with broadband infrastructure deployment &amp; adoption in public housing, Tribal territories, &amp; unserved areas</td>
</tr>
<tr>
<td><strong>Target</strong></td>
<td>Apply for grants in August 2022</td>
<td>Proposal to be issued in August; opportunity for public comment</td>
<td>Priority Areas to be released before applications cycle opens</td>
<td>Infrastructure ruling requested comment, proposed decision to be issued in fall, 2022</td>
</tr>
</tbody>
</table>
$50 Million for Local and Tribal Governments
- To facilitate last-mile broadband infrastructure projects
- Supporting local agency and Tribal efforts expanding broadband to families and communities lacking sufficient internet access

Eligibility
- Broad eligibility includes cities, counties, community service districts, school districts, municipal utilities districts, electrical cooperatives, sovereign Tribal governments, and Joint Powers Authorities
- Application round targeted to open on August 1, 2022

Examples of Local Agency Technical Assistance
- Includes pre-construction costs; environmental, feasibility, and engineering design studies or reports; needs assessments, broadband studies and plans

Broadband Adoption and Digital Equity
Grants to public entities or community-based organizations for digital literacy and broadband access projects
• On July 1, 2022, CPUC received applications for 99 projects, requesting a total of $28,557,954

Broadband Regional Consortia
Grants to regional consortia of public entities and community-based organizations to help deploy broadband infrastructure and services by assisting applicants with infrastructure project development or grant application processes
• Deadline was July 15; summary data will soon be available online

Public Housing and Low-Income Communities
Grants to build broadband networks offering free broadband service for residents of low-income communities including but not limited to, publicly supported housing developments, and housing or mobile home parks with low-income residents.
• On July 1 CPUC received applications for 19 projects, requesting a total of $1,398,593
Recent and Ongoing Outreach to Local Agencies and Tribes

- Yosemite National Park
- Mariposa County
- Mono County
- Inyo County
- Bishop Paiute Tribe
- Alpine County
- Continued Outreach to Unserved Communities, Rural Communities and Tribal Communities
Broadband Adoption Update

Sunne Wright McPeak
President and CEO
California Emerging Technology Fund
Adoption Update

• Update on ACP Enrollment
• Report on IOU Leadership
• ACP Mobilization: *Get Connected! California*
In the News

More than 1.6 million California households enrolled in affordable broadband program, White House says - ABC7 Los Angeles

How to get free broadband in L.A. if you're a lower-income resident - Los Angeles Times (latimes.com)
Update on ACP Enrollment

- Total HHs in California: 13,044,258
- Total ACP-Eligible HHs: 5,844,797 – 45%
- Total California Enrolled HHs: 1,609,377 – 28%
  - 32% of CBC 5M Goal (July 18 USAC Data)
- Total U.S. Enrolled HHs: 12,972,734 – CA is 12.37%
- 60.39% Mobile; 39.98% Fixed-BB; .63% Wireless-Satellite
- Highest Activity Months: December, May
  - CETF and Los Angeles County Public Awareness Ads, Promotion
  - Greatest Number of Visits to CETF IFAN website and EveryoneOn
## Report on IOU Leadership

<table>
<thead>
<tr>
<th>IOU Partners</th>
<th>Leading the Program</th>
</tr>
</thead>
<tbody>
<tr>
<td>So Cal Gas</td>
<td>Octavio Verduzco; Daisie Cristobal Sanchez; Adam Knowles</td>
</tr>
<tr>
<td>So Cal Edison</td>
<td>Robert Carbajal; Ada Tsui</td>
</tr>
<tr>
<td>PG&amp;E</td>
<td>Eric Olsen; Jimmy Toland-Yeh</td>
</tr>
<tr>
<td>SDG&amp;E</td>
<td>Irma DePratti; Katy Homyk; Danielle De Clercq</td>
</tr>
<tr>
<td>CETF</td>
<td>Debbie Shireman</td>
</tr>
</tbody>
</table>
Investor-Owned Utilities (IOUs) Promotion: 4 Key Strategies

1. Add a telephone number and link to company websites: reaches 1,500 unique visits monthly.

2. Integrate broadband discount message twice annually in select CARE, Family Electric Rate Assistance and/or ESA direct marketing materials.

3. Include flyers in education kits for home repairs (planning to reach 198,000 HHs).

4. Train CBOs who work with IOUs: reached to date 140 CBOs (3 of 4 IOUs).

Goal: Reach 4M Customers on CARE-ESA Subsidy Programs
## Report on IOU Leadership

<table>
<thead>
<tr>
<th>IOU</th>
<th>Status</th>
<th>Mechanism to Reach Customer</th>
</tr>
</thead>
<tbody>
<tr>
<td>So Cal Gas</td>
<td>438,397</td>
<td>Letters to new CARE customers and non-CARE customers who likely qualify.</td>
</tr>
<tr>
<td>So Cal Edison</td>
<td>1,002,007</td>
<td>Letters to non-CARE customers who likely qualify.</td>
</tr>
<tr>
<td>PG&amp;E</td>
<td>496,000</td>
<td>Emails to customers struggling to pay bills.</td>
</tr>
<tr>
<td>SDG&amp;E</td>
<td>20,000</td>
<td>Fliers at cooling centers throughout California.</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td><strong>1,956,404</strong></td>
<td>Completed activities for 4 Strategies.</td>
</tr>
</tbody>
</table>
See if you qualify for low-cost internet service

Call the California Emerging Technology Fund (CETF)² to see if you’re eligible at 1-866-519-8655.

Get Details*

*CETF is not the same company as, or an affiliate of, SoCalGas.
Low-Cost Home Internet Service

You may be eligible for free or low-cost Home Internet Service through the California Emerging Technology Fund. To see if you qualify, call 866-519-8655.

Learn more ⬇️
• ACP Mobilization: *Get Connected! California*
• Organizing Partners: All Stakeholders Invited to Join
  • California Department of Technology – California Broadband Council
  • California Department of Education
  • California State Association of Counties
  • State Library
  • California Emerging Technology Fund
• First Month for Focus: August 2022
• First Day for On-Site Enrollment Assistance: August 27
CDE Secured FCC approved NSLP/CEP Verification Letter:
S:\Programs_Projects\Affordable Broadband Offers\FCCACP\Acceptable Documentation\NSLP_CEP Approved Verification Ltr.docx

Get Connected! California Tool Kit:
Link to Took Kit
Summary of Adoption Update

• Update on ACP Enrollment: Accelerate Progress to Secure California’s Fair Share of Federal Funds

• Report on IOU Leadership: Commend IOUs and Encourage As Much Acceleration as Possible

• ACP Mobilization: Engage All Relevant and Interested Stakeholders in Get Connected! California – August (Especially HHA, Counties, Cities, RBCs, MPOs, ISPs)
National Telecommunications and Information Infrastructure Investment and Jobs Act

Scott Adams
Deputy Director, Broadband and Digital Literacy

Rob Osborn
Director, Communications Division
California Public Utilities Commission
CDT submitted Digital Equity Planning Grant application
CPUC submitted Broadband, Equity, Access and Deployment (BEAD) Letter of Intent
Both will lead respective planning efforts and coordinate
Will require participation of CBC members and other stakeholders
Once completed and approved by NTIA, will unlock billions of federal dollars to support state BB4All efforts
What is the State Digital Equity Plan (SDEP)?

California will receive funding to develop a State Digital Equity Plans (SDEP) to identify barriers to digital equity and solutions.

<table>
<thead>
<tr>
<th>Includes measurable objectives for promoting:</th>
<th>Assesses how digital inclusion impacts outcomes in:</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Access to fixed and wireless broadband</td>
<td>• Education</td>
</tr>
<tr>
<td>• Online accessibility and inclusivity of public resources</td>
<td>• Economic and workforce development</td>
</tr>
<tr>
<td>• Digital literacy</td>
<td>• Health</td>
</tr>
<tr>
<td>• Awareness and use of measures to secure online privacy and cybersecurity</td>
<td>• Civic and social engagement</td>
</tr>
<tr>
<td>• Access to devices and technical support</td>
<td>• Delivery of social services</td>
</tr>
</tbody>
</table>
### Meaningful engagement that prioritizes eight “Covered Populations”

1. Low-income individuals
2. Aging individuals
3. Incarcerated individuals (other than those incarcerated in a Federal correctional facility)
4. Veterans
5. Individuals with disabilities
6. Members of racial or ethnic minority groups
7. Individuals residing in a rural area
8. Individuals with literacy barriers (including individuals who are English learners and have low levels of literacy)

### Tribal engagement will include:

1. A coordination, outreach, and collaboration strategy with Tribes
2. An inventory of existing resources, programs, strategies or plans among Tribal governments
3. Alignment of State Digital Equity Plan with Tribal digital equity plans
Timeline

Deadline for Planning Grant Application

- July 12th, 2022

Planning Funds Received

- Sept. / Oct 2022

1 year to develop State DE Plan

- Fall 2023

State Capacity Grant NOFO expected

- Late 2023/Early 2024

State Capacity Grant Implementation

- 5-year implementation
• July 1, 2022 – submitted letter of intent + request for $5M initial planning funds to NTIA

☐ • Due to NTIA before Aug. 15, 2022: budget for $5M initial planning funds
  • $5M intended to cover expenses required to create BEAD 5YR Action Plan, due to NTIA <= 270 days
BEAD Program will provide ~$42.45B for infrastructure planning and implementation

**Funding pool**

$42.45B

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

**PROGRAM HIGHLIGHTS**

Entities eligible to apply for this program include:
- All 50 States
- The District of Columbia and Puerto Rico
- Other Territories: U.S. Virgin Islands, Guam, American Samoa, and the Commonwealth of the Northern Mariana Islands

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**

<table>
<thead>
<tr>
<th>Year</th>
<th>Event</th>
<th>Due Date</th>
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<tbody>
<tr>
<td>2022</td>
<td>NOFO</td>
<td>5/13</td>
</tr>
<tr>
<td></td>
<td>Due</td>
<td>7/18</td>
</tr>
<tr>
<td>2023</td>
<td>LOI</td>
<td></td>
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<tr>
<td></td>
<td>5-year plan</td>
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<tr>
<td>2024</td>
<td>Initial proposal</td>
<td></td>
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<td></td>
<td>Final proposal</td>
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<tr>
<td>2025</td>
<td>Due 365 days after initial proposal approval</td>
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<tr>
<td>2026+</td>
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</table>
Thank You!