

California Advanced Services Fund



INFRASTRUCTURE APPLICATION OVERVIEW WEBINAR

MARCH 22, 2023



California Public
Utilities Commission

CASF Infrastructure Team



Heyward Daluz
Regulatory Analyst



California Public
Utilities Commission

Agenda

10:00-10:10	Introduction, Welcome and CASF Program Updates Heyward Daluz, Regulatory Analyst
10:10-10:20	Infrastructure Grant Account – Changes in Application Process (D.22-11-023) Louise Fischer, Program and Project Supervisor
10:20-10:30	CASF Application Checklist Review Michael Goins, Senior Telco Engineer
10:30-10:50	Changes to the Broadband Map and Broadband Map Demo Alex Abramson, Regulatory Analyst Michael Habeeb, Research Data Analyst
10:50-11:30	Q&A Vincent Coppey, Regulatory Analyst

Submit questions to casf_workshop@cpuc.ca.gov

CASF Broadband Infrastructure Grant Account

Provides grants to eligible applicants to build and deploy broadband networks in underserved areas throughout the State of California. The programs' goal is to encourage deployment of high-quality advanced communications services to all Californians that will promote economic growth, job creation, and the substantial social benefits of advanced information and communications technologies.



CASF Broadband Infrastructure Grant Account

2022 Program Accomplishments

- Reimbursements to Grantees of \$14.8 Million for 18 Projects
- Projects Completed in 2022
 - 13 projects in 8 counties
 - Broadband facilities have been built to 11,476 previously-unserved households



CASF Broadband Infrastructure Grant Account

Planning for 2023 and Beyond

➤ Current Timelines

Event	Date
Broadband Availability Map Published	March 31
CASF Infrastructure Account Application Deadline	May 1
Deadline for Staff to post Application Summaries and Maps to CPUC website and notify CASF Distribution List	May 15
Deadline for Challenge Submissions	June 5
Deadline for Application Approvals Under Ministerial Review	October 1
Deadline for Publishing Draft Resolutions Recommending Project Approval	December 31

❖ CASF Annual Workshop 4/10/2023 ❖

CASF Infrastructure Team



Louise Fischer
Program and Project Supervisor



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Infrastructure Grant Account Changes in Application Process (D.22-11-023)

Louise Fischer, Supervisor, CASF Infrastructure



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Changes to CASF Infrastructure Program per Decision D.22-11-023

- Extends the CASF program to December 31, 2032
- New definition of "unserved areas" vs census blocks
 - 25/3 mbps broadband standard; deployment minimum 100/20 mbps
- Ministerial Review Amounts increased
 - \$10 million to \$25 million for total project
 - \$9,300 to \$24,500 per HH for wireline projects
 - \$1,500 to \$4,500 per HH for wireless projects
- Changes to Challenge Process
- Low-income plan changes
- Pricing plan guarantee changed from 2 years to 5 years
- Indirect/Administrative charges reduced from 15% to 10%



Legislative Changes related to Infrastructure CASF

- Extends the CASF program goal to December 31, 2032
- Extends the CASF surcharge
- Redefines “unserved area”
- Priority to areas with slow or no internet
- Serviceable locations
- Eliminates “indispensable middle-mile” language



CASF Infrastructure Team



Mike Goins
Senior Telco Engineer



CASF Application Checklist review:

CASF Broadband Infrastructure Application Checklist

- 1) There are 20 items required for the CASF app. There is a checklist to keep track of these.
- 2) Applicants must submit checklist items using enumeration on Checklist.
- 3) As an example, the first Checklist Item we see is entitled **Project Summary**
File naming format: **Item #_Name of Item_Service Provider Name_Project Name**
Example: **Item 1_Project Summary_South Bay Telcom_Smugglers Gulch**
- 4) Continue to add info about item numbers on every filename – 01, 02, 03 etc.

CASF Application Checklist Review Continued:

- **Item 01 - Project Summary:** Applicants must provide enough information to enable stakeholders to comment or challenge the application.
- **Item 03 - Description of the Applicant's Current Broadband Infrastructure:** Applicants must provide a detailed description of your current broadband infrastructure and service within 5 miles of the proposed project.
- **Item 04 - Project Location Data:** The geographic location of all serviceable locations, key network equipment and the boundary within the planned project area.
- **Item 08 - Proposed Project Expenditures:** Use the template that is provided on the CASF Infrastructure Account webpage.

Proposed Project Expenditure Template

CASF Infrastructure Application Item #8_Template (v.1 March 2023)			
CAP/EX Category	Unit of Measurement	Quantity	Total Cost
Permitting			
Engineering and Project Management (Labor)	Labor Hours		\$
Full Engineering Design (Includes Fiber Engineering, Wireless Engineering, Fielding & Mapping)	Labor Hours		\$
Project Management	Labor Hours		\$
Outreach Programs	Labor Hours		\$
Make Ready Engineering (Poles)	Labor Hours		\$
Permit Application Fees (Includes all permit application fees)	N/A		\$
Permit Support (Labor Hours)	Labor Hours		\$
Number of Permits submitted.	Each		
Outside Plant Construction (Material)			
Fiber count (dropdown)	Per Foot		\$
Coax Cable (dropdown)	Per Foot		\$
Handhole	Each		
Outside Plant Construction (Labor)			
Placing Aerial Fiber/ COAX	Per Foot		\$
Placing Underground Fiber / COAX	Per Foot		\$
Placing Underground conduit.	Per Foot		\$
Trenching (includes directional bore, open cut trench, tunneling)	Per Foot		\$
Handhole _Shipping and Handling	Each		\$
Placing _Handhole	Each		\$
Splicing _Journeyman	Labor Hours		\$
Splicing _Laborer	Labor Hours		\$
Surface Restoration _Concrete	Sq Ft		\$
Surface Restoration _Asphalt	Sq Ft		\$
CO/HUB/Remote/Node Equipment/Wireless (Material)			
(OLT) Optical Line Terminals	Each		\$

Click here to access the [Proposed Project Expenditures Link](#)

CEQA Questionnaire For Application Item 18

CEQA QUESTIONNAIRE FOR APPLICATION ITEM 18

CASF Infrastructure Grant Applications
Required Information for California Environmental Quality Act (CEQA)

Updated 03-12-2023

Please respond to the questions below; the completed Questionnaire must be submitted with Application Item #18 of the CASF Infrastructure Grant Application.

Applicants may send the Questionnaire to the CEQA section of the Energy Division in advance of submitting CASF Application.

For questions, contact CASF_Application_Questions@cpuc.ca.gov.

There are 4 classes of CEQA exemption applicable to CASF Infrastructure Grant Projects based on the project descriptions.

- 14 C.C.R. § 15301 – Existing Facilities
- 14 C.C.R. § 15302 – Replacement or Reconstruction
- 14 C.C.R. § 15303 – New Construction or Conversion of Small Structures
- 14 C.C.R. § 15304 – Minor Alterations to Land

Please provide a statement of the CEQA exemptions applicable to the proposed projects including documentation and factual evidence sufficient to support a finding that the claimed exemptions are applicable. The statement should provide responses to the following questions:

Please provide responses to the following:

1. A detailed map of the project area, including, geography, terrain, arterial transportation, urban and suburban development, and that includes the existing and proposed infrastructure for the project.
2. A detailed description of the project, including, project location (city, county, community, neighborhood, etc.), length of project, and roadways along the project alignment.
3. A detailed description of the project setting, including, land use, geography, terrain, arterial transportation, urban and suburban development, etc.
4. Provide photos of the Key Observation Points for the project and a preliminary design of the project.
5. Assumptions used regarding which type of CEQA review is anticipated and any citations to CEQA sections and exemptions as appropriate.

CEQA Questionnaire

Broadband Consortium Help

- The CPUC provides grantees with a resource to answer specific questions you may have going forward.
- The **Broadband Consortium** is your first level of support for CASF (California Advanced Services Fund) Applications.
- This link will take you to the [Broadband Consortia home page](#)
- This link to the [Broadband Consortia Information with Active Grants](#) can be used to locate your Consortia contact based on your geographic area.

Broadband Mapping Group



Alex Abramson
Regulatory Analyst



Michael Habeeb
Research Data Analyst



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Changes to the Broadband Map and Broadband Map Demo

Alex Abramson / Michael Habeeb



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The Broadband Data Collection

Accomplishments in 2022

➤ Broadband Data Collection

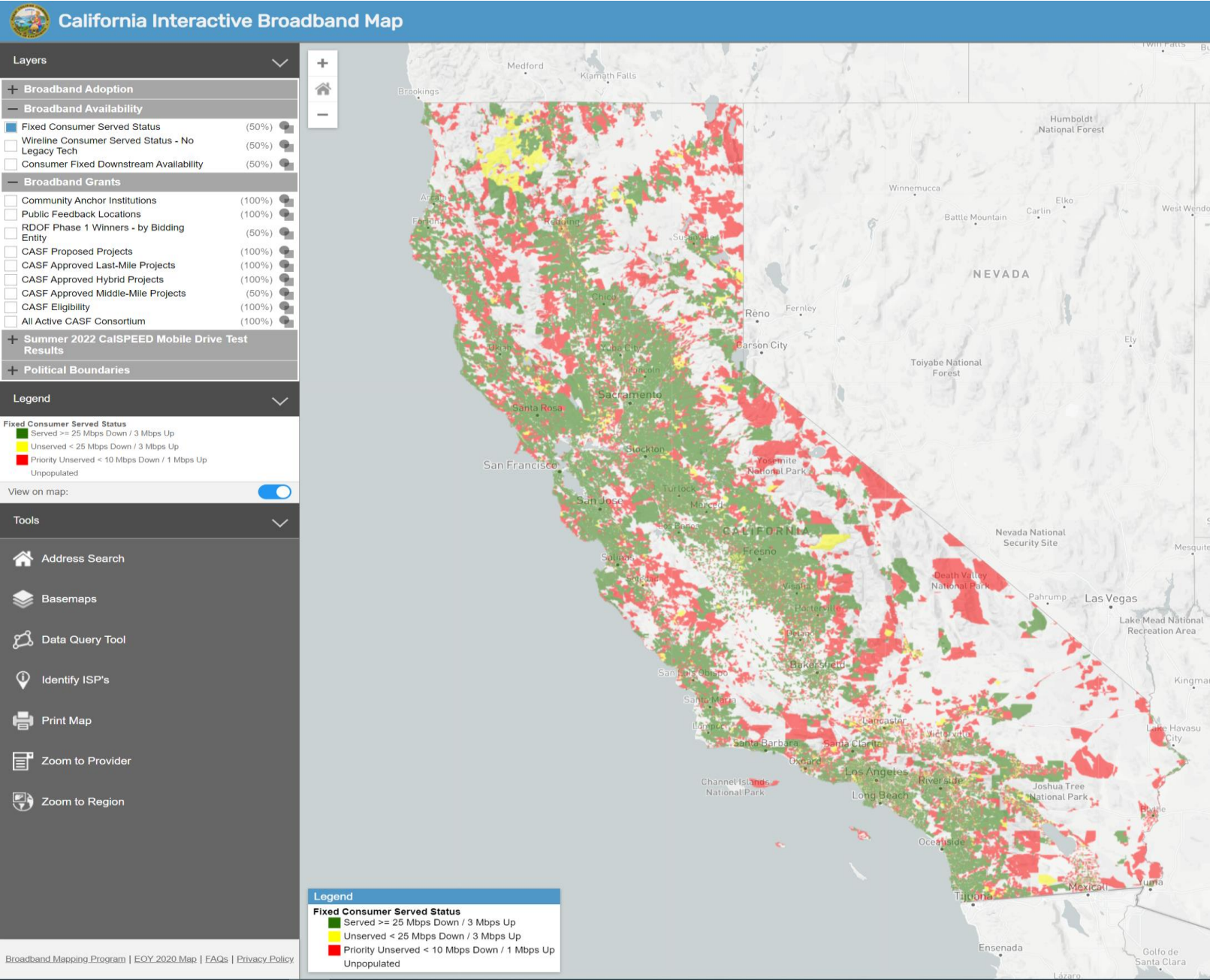
- Collected data from 158 Broadband Providers
 - 154 Fixed Providers (Wireless, Wireline, and Wire-WISP)
 - 4 Mobile Providers
- Changes to the Annual Broadband Data Collection
 - Revised requirements to collect
 - Location-Specific and Shapefile or KML/Z Deployment Data
 - Location-Specific Subscription data
 - Utilized the FCC approved vendor for a Broadband Serviceable Location Fabric

Changes to come to the Broadband Map

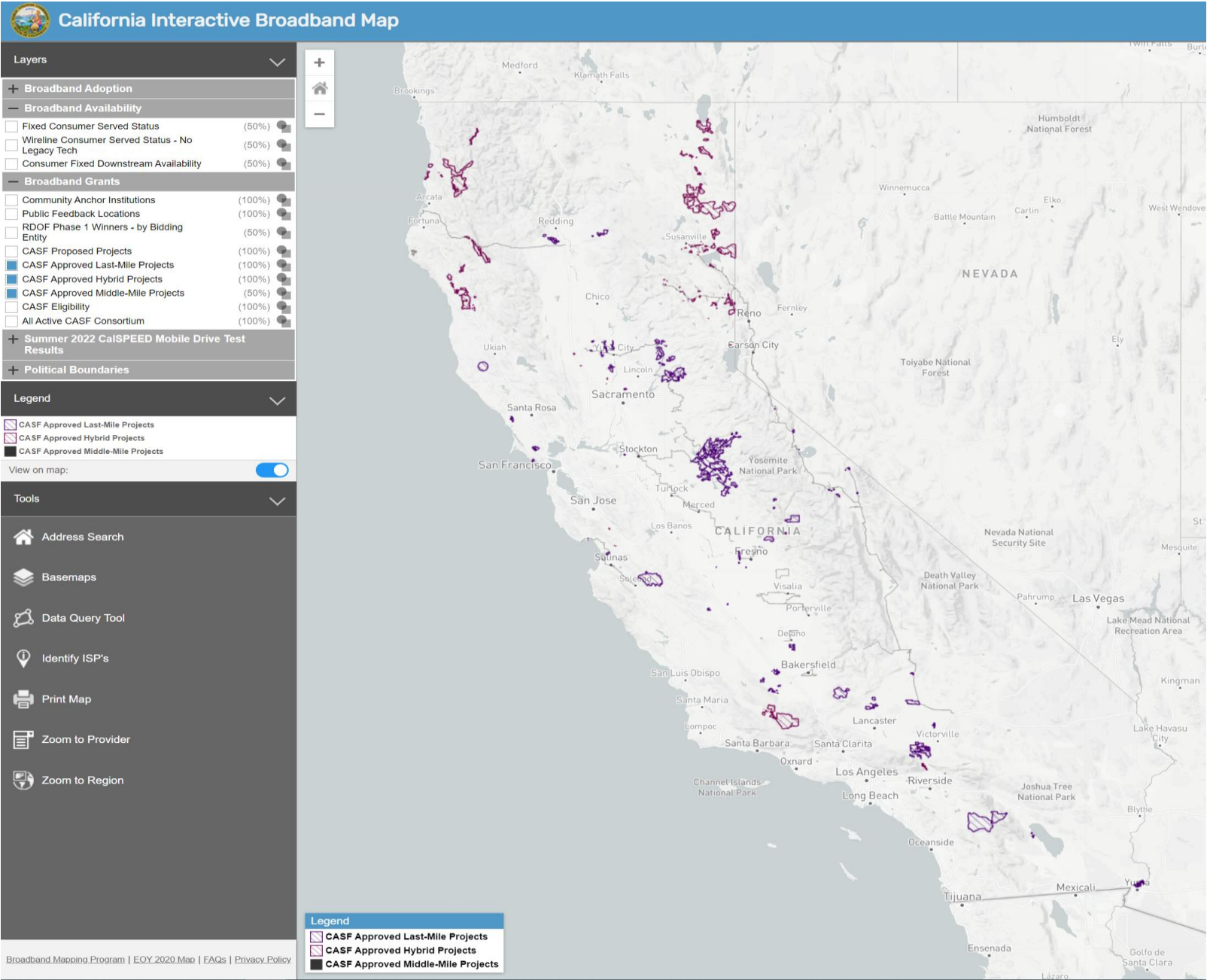
Updates in 2022, Going into 2023

- Broadband Map: www.broadbandmap.ca.gov
 - Data Layers:
 - Served Status layers with 'Served' defined as at least 25/3 Mbps
 - Unserved as between 25/3 and 10/1, Priority Unserved as less than 10/1
 - New Broadband Adoption Layer by Census Block (Previously by Census Tract)
 - New and Improved CASF Eligibility Layer showing Unserved, Priority Unserved Locations (Previously by Census Block)
 - Look out for future updates to the Frequently Asked Questions page, the Public Feedback tool, and more!

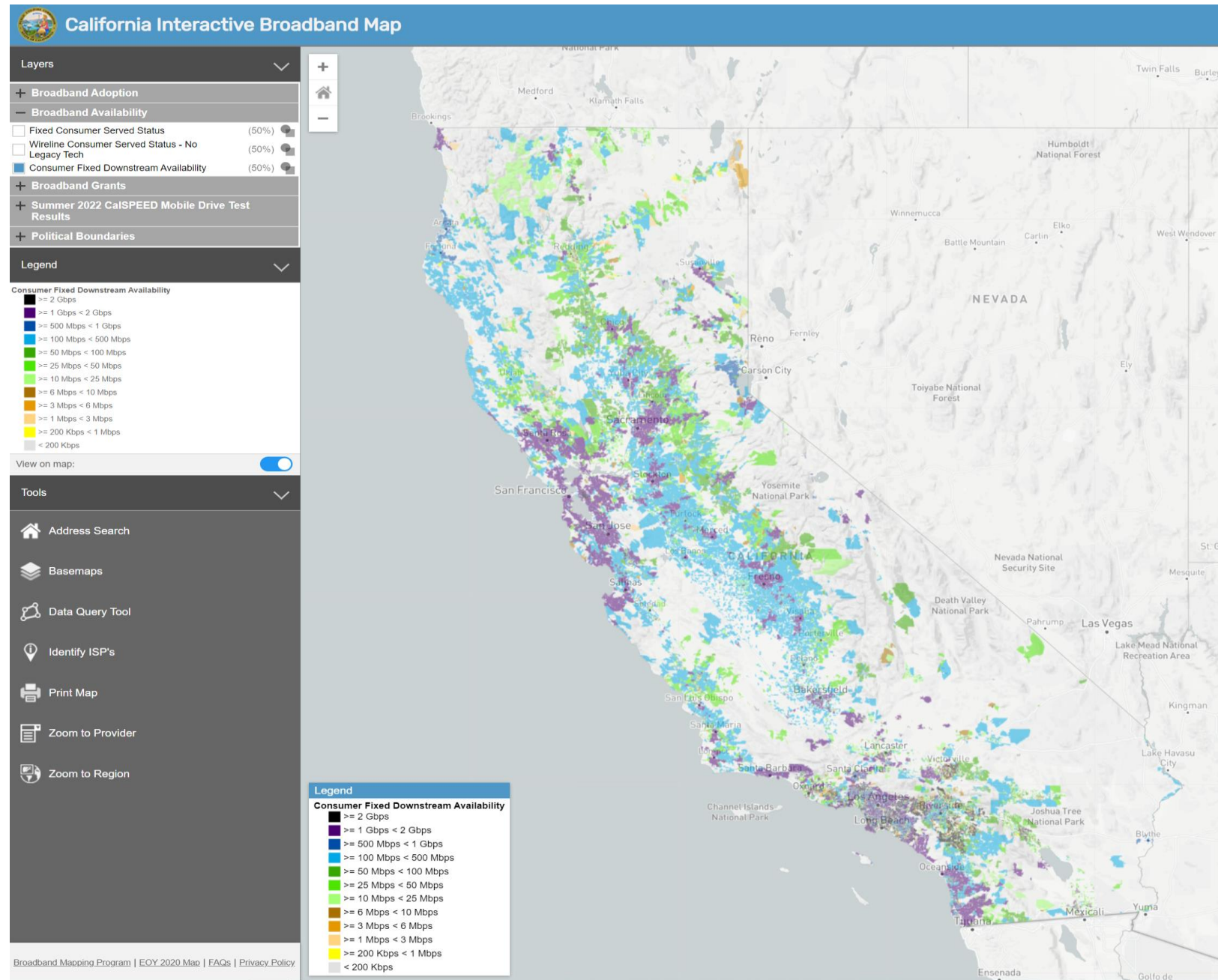
New Broadband Map Demo



New Broadband Map Demo



New Broadband Map Demo



Q&A

**Questions:
Email to casf_workshop@cpuc.ca.gov**



Contact Information

- Application Questions: Contact Your Regional Consortia FIRST: [Consortia Information](#)
- CASF Application Questions: CASF_Application_Questions@cpuc.ca.gov
- Correspondence/Questions regarding approved projects: [CASF Infrastructure Grant Administrator@cpuc.ca.gov](mailto:CASF_Infrastructure_Grant_Administrator@cpuc.ca.gov)
- Line Extension inquiries: CASFLineExtensionProgram@cpuc.ca.gov
- CASF Webinar inquiries: CASF_Workshop@cpuc.ca.gov
- Broadband Mapping inquiries: Broadbandmapping@cpuc.ca.gov

Thank You!
**(if we didn't respond to your question,
we will respond through email)**

