



加州电信连接基金

学校和图书馆附属机构研讨会

2024 年 10 月 8 日



加州电信连接基金

该计划旨在使每个加州人都能在当地社区直接获得先进的通信服务，特别是那些互联网采用率较低和经济需求较大的社区。 ——加州电信连接基金



加州电信连接基金

CTF 背景

Karo Serlé

加州电信连接基金的目标和宗旨：

- 1) 通过向符合条件的学校（包括学前班、幼儿园或 1 至 12 年级中的任何一个年级）、社区学院、图书馆、医院、诊所和社区组织提供优惠价格，推进普遍服务；
- 2) 让每个加州人都能在当地社区直接获得先进的通信服务；
- 3) 确保符合 CTF 资格的社区机构以合理的费率获得高速互联网连接；以及
- 4) 在互联网普及率较低、经济需求较大的社区增加 直接使用高速互联网的机会。

加州电信连接基金（CTF）为以下实体提供 50% 的高级电信服务折扣，以帮助缩小“数字鸿沟”：

- ☐ 学校
- ☐ 图书馆
- ☐ 社区学院
- ☐ 政府拥有和运营的医疗机构
- ☐ 社区组织（CBO）
- ☐ 医疗社区组织
- ☐ 加州远程医疗网络（CTN）

CTF 计划的资金来源是纳税人对电话接入线路的附加费。目前，每条接入线路的附加费率为 0.25 美元。2024-2025 年 CTF 预算为 1.0858 亿美金。



加州电信连接基金

为学校 and 图书馆而设的 CTF

学校和图书馆特别服务

- ❖ 符合条件的 K-12 公立、特许和私立学校可享受 50% 的折扣。
- ❖ 符合条件的图书馆可享受 50% 的折扣。
- ❖ 远程学习折扣计划。
- ❖ 宽带互联网接入。
- ❖ E-Rate 匹配。





加州电信连接基金

学校和图书馆的 CTF 资格标准

Donighi (Bubba) Siamack

学校资格条件

- ❖ 加利福尼亚州地址，并附上有效的县-区-学校（CDS）代码。
- ❖ 必须提供符合 E-rate 资格的 K-12 或学前课程。
- ❖ 私立学校的年度捐赠额必须低于 5000 万美元。
- ❖ 附属机构必须有一个与学校关联的账单实体编号，且该编号具有有效的 CDS 代码。



图书馆资格条件

- ❖ 国家图书馆馆长出具的证明其为图书馆的信函。
- ❖ 流动图书馆还需要提供车辆识别码（VIN）和车牌号。





加州电信连接基金

学校附属机构

Geoff Belleau, 加州教育部

学校和附属机构



加州教育部

Tony Thurmond, 州公共教育总监

学校附属机构

- 除校园外进行教学的地点。
- 在加利福尼亚州，有 3000 多个附属机构获得了 E-Rate 支持

户外教育/夏令营



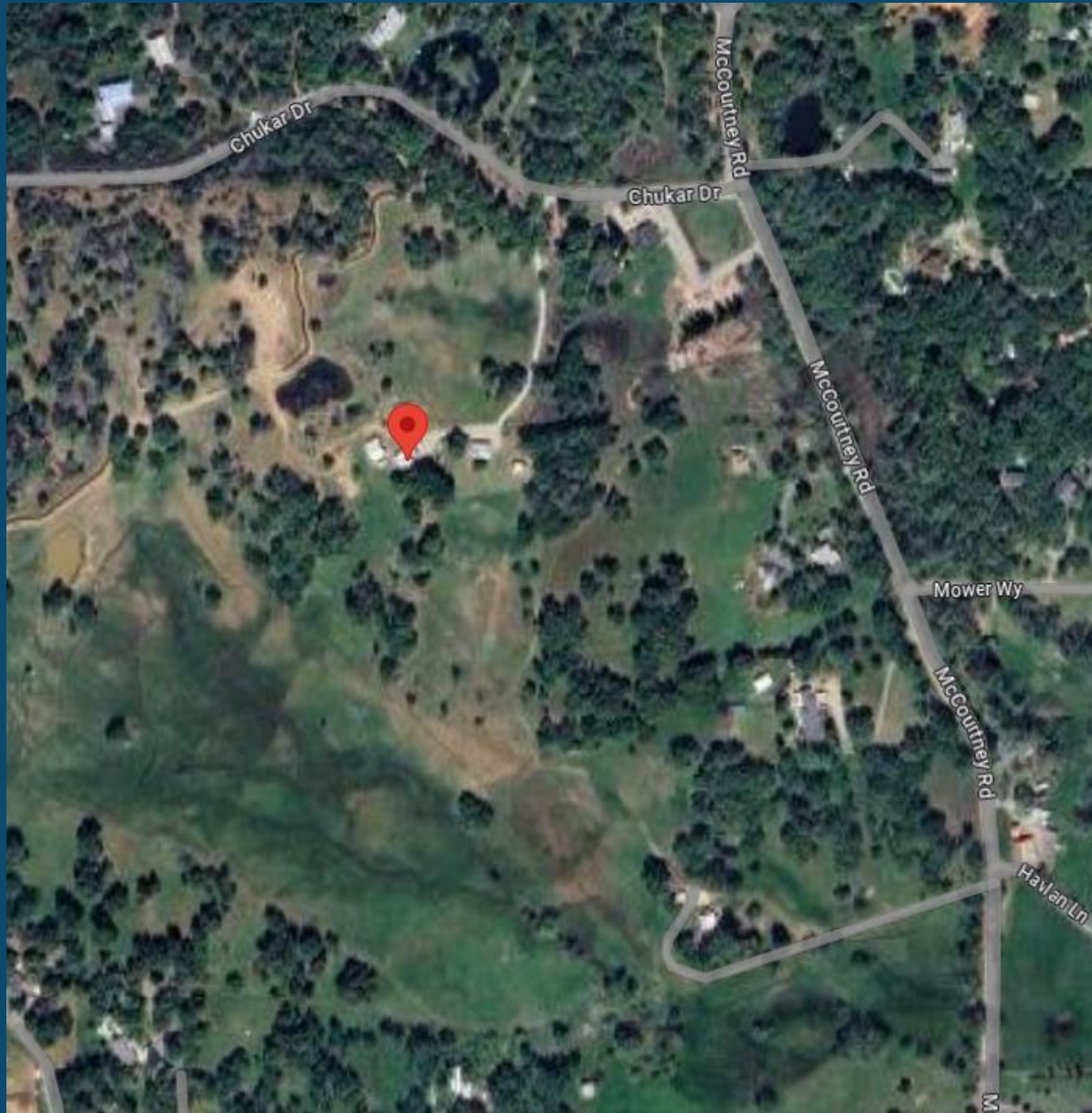


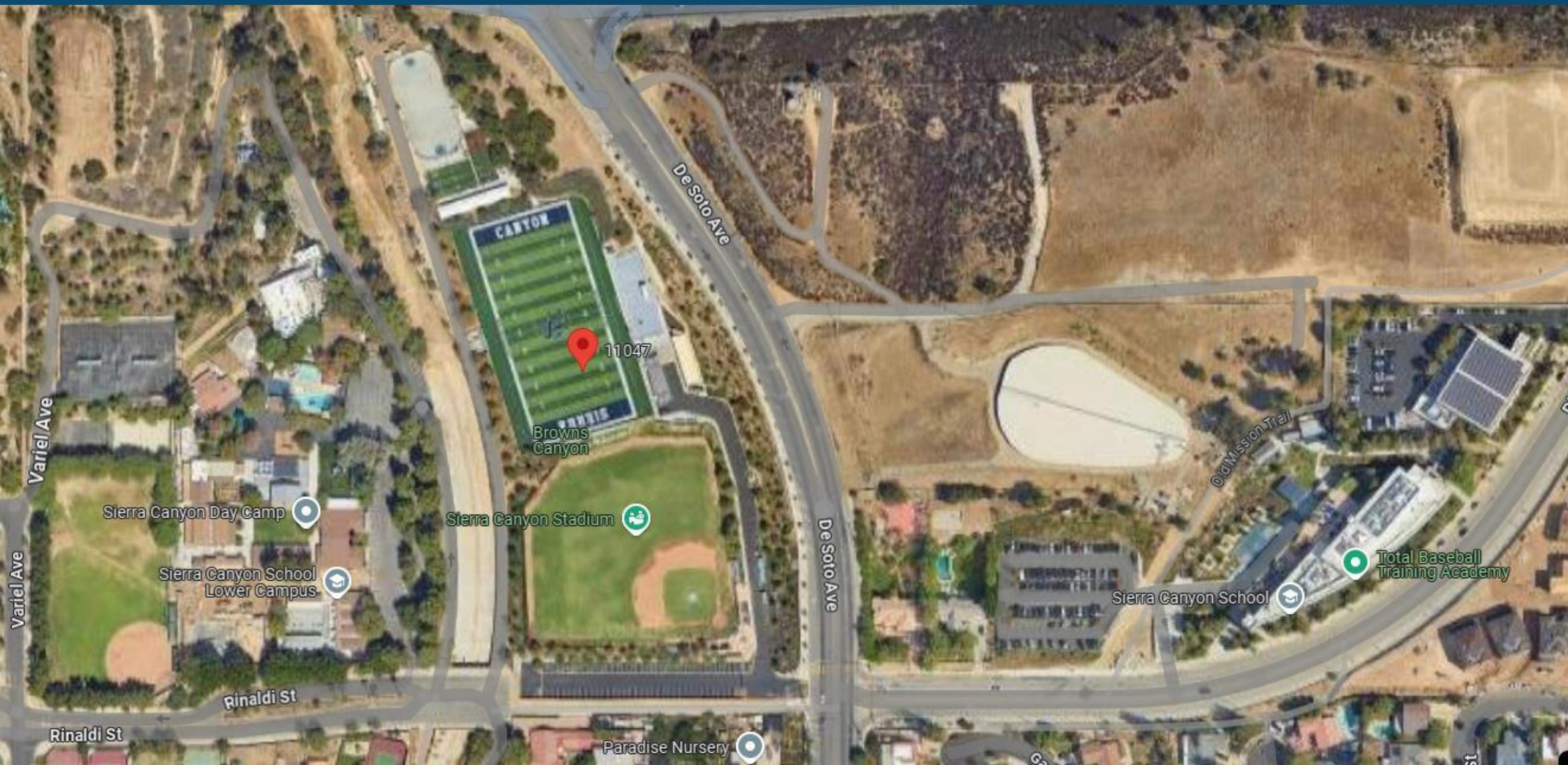
法院学校



校园农村/农业计划







CTE/职业培训







North Ramp

Steve S. Shabkie
Real Estate Group

Van Nuys Air
Traffic Control

US Airway
Facilities Sector

Thornton Aviation

Ironbird Partners
Private Jet Charter

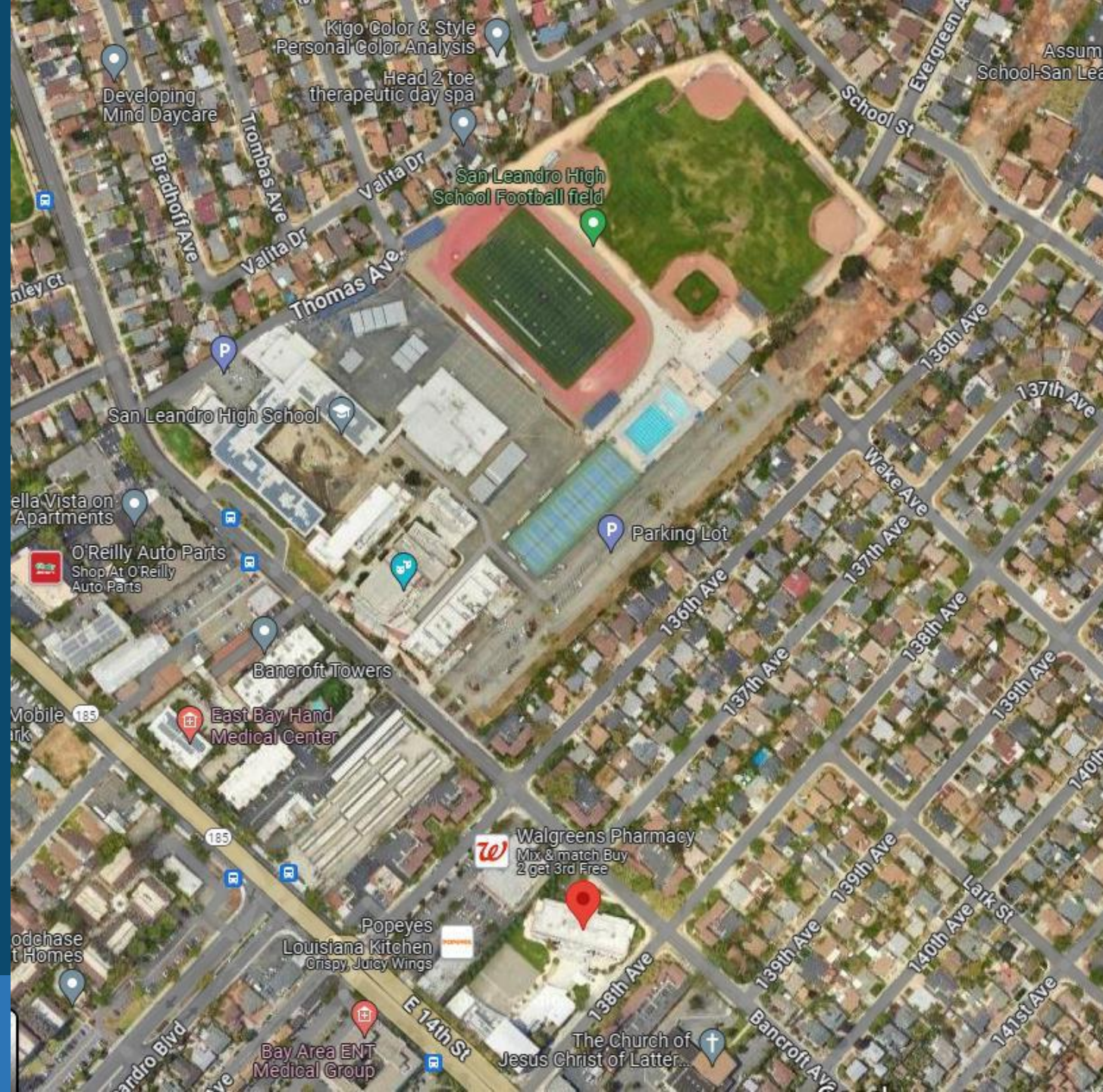
Farspo Aviation

学前教育



拓展校园





特殊教育





好处

- 数字化学习机会
 - 为家长/社区提供数字素养培训
 - 在线安全培训
- 许多社区组织在非工作时间以及周末使用这些设施。



如有疑问：

Geoff Belleau
gbelleau@cde.ca.gov

加州教育部

Tony Thurmond, 州公共教育总监



加州电信连接基金

图书馆附属机构

Jarrid Keller

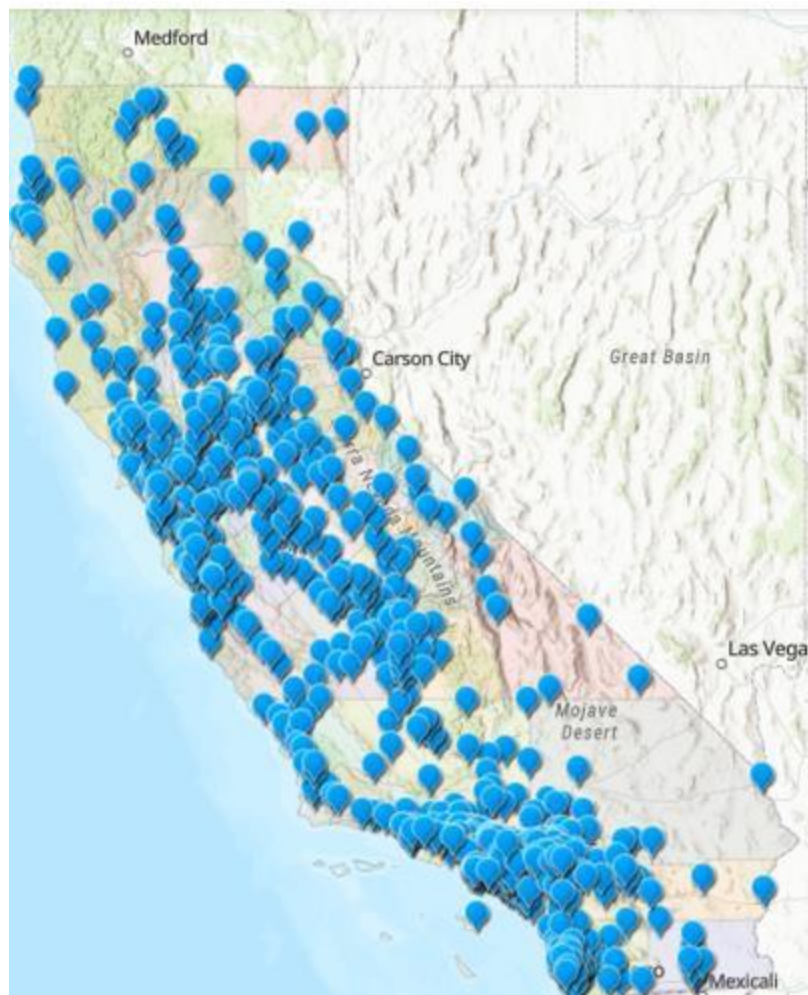
萨克拉门托公共图书馆副馆长



图书馆和附属机构

2024 年 10 月 8 日

加州公共图书馆概览



- 186 个图书馆管辖区
- 1127 个分馆
- 65 个流动图书馆

图书馆和 CTF Myth

- 我的图书馆只有参加了联邦 E-Rate 计划，才有资格参加 CTF。



图书馆和 CTF Myth

- 联邦 E-Rate 和州 CTF 计划是各自独立的计划。
- E-Rate 参与度高于 CTF 参与度。

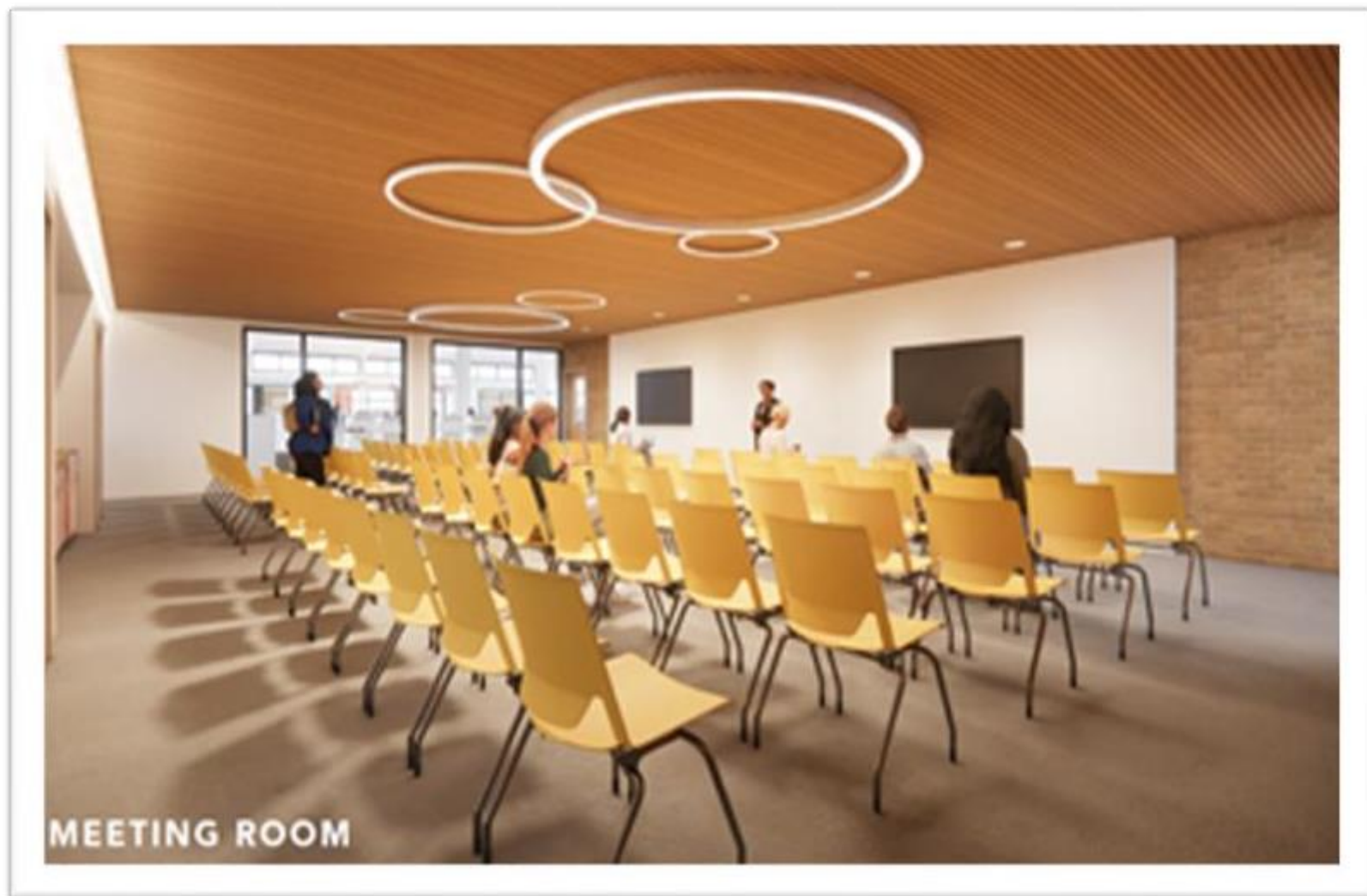
图书馆和附属机构

- 在行政实体或分支图书馆之外维护的服务点，提供互联网连接，并配备电子设备或其他实物，用于访问图书馆资源，包括图书馆目录或读者账户。

行政区域



其他地点的社区活动室



图书亭



24/7 访问

储书柜



其他地点的媒体酒店



数据中心



流动图书馆



其他服务点



每年 660 万乘客

追求大梦想！



仍有疑问？

Jarrid Keller

副馆长

萨克拉门托公共图书馆

jkeller@saclibrary.org



加州电信连接基金

CTF 覆盖技术

Miriam Sidney

常见的符合条件服务



互联网接入



数据传输服务



综合服务数字网络

常见的符合条件服务

- 异步传输模式
- 电力线宽带
- 有线调制解调器
- 数字用户线路
- 数字信号、DS1、DS2 等
- 以太网
- 光纤，包括租用的暗光纤和租用的亮光纤
- 固定无线互联网上网
- 帧中继
- 综合服务数字网络
- 移动宽带服务
- 多协议标签交换
- 光载波、OC1、OC2 等
- 卫星互联网接入
- 切换多兆位数据服务
- 中继级、T1、T2 等
- 广域网¹

未来可能符合资格的服务



热点



Wi-Fi



卫星宽带



加州电信连接基金

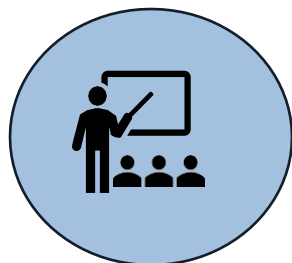
现场 E-Cap 演示

Jocelyn Alba-Librojo

Connie Wong

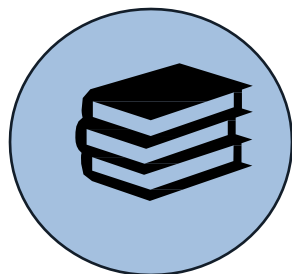


如何在 eCAP 门户网站提交学校和图书馆附属机构申请



学校附属机构

CTF 工作人员将进行现场演示



图书馆附属机构

CTF 工作人员将进行现场演示

流动图书馆

CTF 工作人员将展示屏幕截图，讲解如何在 eCAP 中提交申请。

eCAP 网页门户: <https://ecap.cpuc.ca.gov/>

eCAP 门户登录页面

The screenshot shows the eCAP Portal login page. At the top, there is a blue header bar with the "CA.GOV" logo and a home icon on the left, and a "Contact Us" link on the right. Below the header, a light gray banner displays the "State of California" logo and the text "California Public Utilities Commission". A horizontal blue bar separates this from the main content area. The main content area features a row of logos: "CALIFORNIA CONNECT", "California LIFE LINE program", "CTF", the official seal of the California Public Utilities Commission, "California Advanced Services Fund", and two telephone icons labeled "CHCF-A" and "CHCF-B". Below these logos, the text "Welcome to eCAP Portal" is centered. The login form consists of two input fields: "Email Address" with a person icon and "Password" with a lock icon. A blue "Login" button is positioned below the password field. At the bottom of the form, there are two links: "[Forgot your password](#)" and "[Create an Account](#)".

流动图书馆

- ✓ “新 CTF 申请” 按钮
- ✓ eCAP 会给出一系列问题

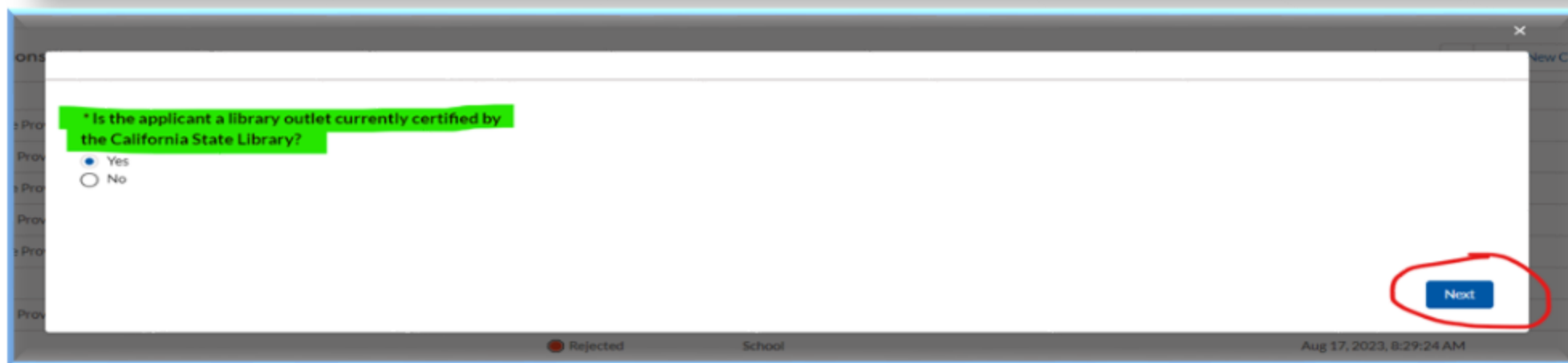


500019	888 webster street, Sacramento, California, United States, 95814	Eligible	Aug 27, 2024	Aug 27, 2029	Aug 27, 2024, 10:24:54
100166	245 Maple St., Santa Barbara, California, United States, 93108	Ineligible	Aug 27, 2024	Sep 20, 2024	Aug 27, 2024, 10:56:44
500021	505 Van Ness Ave # 1002, San Francisco, California, United States, 94102-3214	Eligible	Aug 29, 2024	Aug 2, 2060	Aug 29, 2024, 5:23:51

Page 1 Page Size 10

Applications (63)

SUBJECT	STATUS	CASE RECORD TYPE	LAST MODIFIED DATE
CTF 2-1-1 Service Provider	Approved	2-1-1 Service Provider	Jan 23, 2023, 11:00:59 AM



* Is the applicant a library outlet currently certified by the California State Library?

☒ Yes
☐ No

Next

流动图书馆

- ✓ 指示选项卡
- ✓ 基本信息选项卡

The screenshot shows the 'Instructions' tab of a web application. At the top, there is a progress bar with five steps: 'Instructions' (highlighted in blue), 'Basic Information', 'Mobile Broadband Services and Req...', 'Acknowledgement', and 'Preview & Validate/Submit'. Below the progress bar, the 'Instructions' section contains a list of bullet points providing details about the CTF program, eligibility criteria, and required documentation. At the bottom of the instructions, there is a checkbox labeled 'I Agree' which is checked, and two buttons: 'Cancel' and 'Next'.

Instructions

- Review the CTF program's Applicant and Participant Guidelines for important information, including on eligibility criteria. For libraries, eligibility is limited to library outlet locations that provide library services directly to the community. Other sites, such as administrative sites, are not eligible to participate in the CTF program.
- A library can apply for eligibility at one of its library outlet locations (i.e., places where library services are provided to the community). Alternatively, a library district or other aggregator can apply on behalf of one of its affiliated library outlet locations.
- Applicants must submit a separate application for each location (service address).
- A list of service providers that participate in the CTF Program is available for download via this link [Need Not from CTF]. Refer also to the California Interactive Broadband Map (California Interactive Broadband Map) to see the service providers that offer broadband service in your area (by clicking on the icon of the house, entering your address, and clicking the "Load Location" button).
- Obtain copies of necessary documents, including:
 - If you are requesting the CTF discount for mobile broadband services and you participate in the E-rate program, you must provide documentation from the E-rate program verifying the approval of E-rate support for your mobile broadband services.
 - If you are requesting the CTF discount for mobile broadband services and you do not participate in the E-rate program, you must provide a letter from the closest California Teleconnect Fund service provider stating fixed broadband is not available at your location.
 - A copy of Certification from the California State Library for each library outlet requesting the CTF discount.

☒ I Agree

Cancel Next

The screenshot shows the 'Basic Information' tab of the web application. The progress bar at the top now highlights 'Basic Information' in blue. The form contains several input fields for library information. Some fields are highlighted with green boxes. The 'Country' field is set to 'United States', and the 'State' field is set to 'California'.

Basic Information

Name of Library
Test Library Book Mobile

Is this Library Application for an Annex?
Yes

Please select Annex Type
Book Mobile

Service Address: This is your library outer address

Country
United States

Street
G. Library Address here

City
State
California

Zip Code

License Plate
Add Book Mobile's License Plate here

VIN#
Add Book Mobile's VIN # here

流动图书馆

- ✓ 移动宽带服务和所需文件选项卡
- ✓ 确认选项卡

The image displays two screenshots of a web application interface, likely for a mobile broadband service application. The top screenshot shows the 'Mobile Broadband Services and Required Documents' step, which includes a progress bar at the top with five steps: 'Instructions', 'Basic Information', 'Mobile Broadband Services and Required Documents' (current step), 'Acknowledgement', and 'Preview & Validate/Submit'. The main content area asks the user if they are also requesting a CTF discount for mobile broadband services, with radio buttons for 'Yes' and 'No'. Below this, there is a section for 'California State Library Certification' with an 'Upload Files' button and a checkbox for 'I have attached the California State Library Certification document'. The bottom screenshot shows the 'Acknowledgement' step, which includes a progress bar with the same five steps, where 'Acknowledgement' is the current step. The main content area contains a paragraph of legal text and a checkbox for 'I Agree'. Both screenshots have a 'Cancel' button and 'Previous' and 'Next' buttons at the bottom right.

Mobile Broadband Services and Required Documents

Are you also requesting the CTF discount for mobile broadband services?

☐ Yes
☐ No

California State Library Certification

[Upload Files](#) Or drop files

☐ I have attached the California State Library Certification document

Cancel Previous Next

Acknowledgement

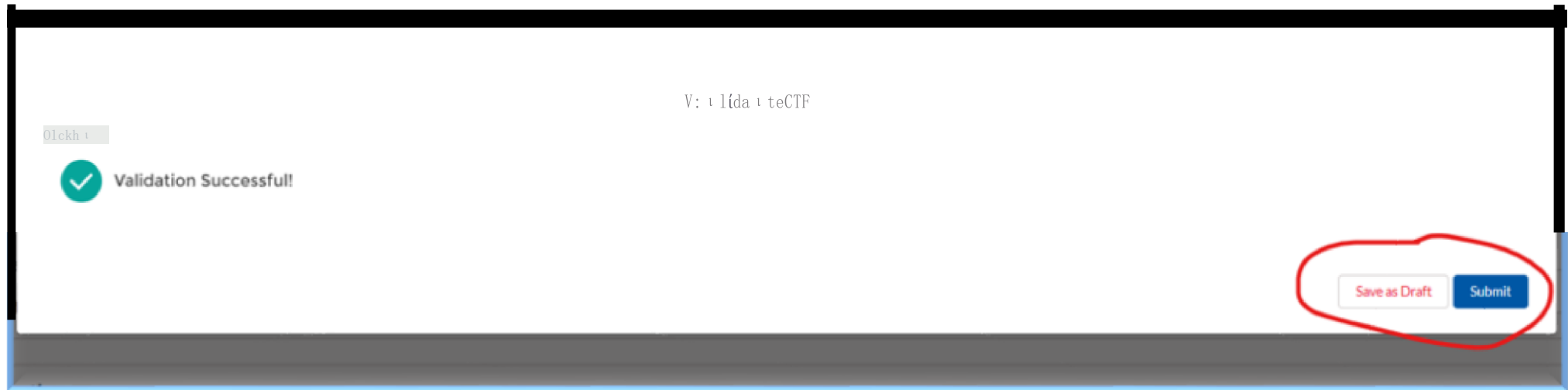
By checking I Agree, I declare under penalty of perjury under the laws of the State of California that I am authorized to act on behalf of the applicant, that the information submitted with this application is true and accurate, and that any discounted communications service will not be sold, resold, leased, transferred, shared with any other entity or person, used for personal purposes, or used for purposes other than the intended goals of the California Teleconnect Fund. I understand that this application and the associated information are subject to audit at any time by the State of California. I agree to notify the California Public Utilities Commission in writing within 30 days of any changes to the information submitted with this application.

☐ I Agree

Cancel Previous Next

流动图书馆

- ✓ 预览和批准/提交选项卡



ECAP 现场演示





加州电信连接基金

结语

结语

- ❖ CTF 计划通过为符合条件的宽带服务提供 50% 的折扣，促进宽带使用并缩小数字鸿沟。
- ❖ CTF 计划对需要宽带服务的社区具有重大影响。
- ❖ CTF计划的资金来自加州的地方纳税人，通过对电信公司收取的州内电信产品和服务的营收附加费。
- ❖ CTF 计划为 K-12 公立和私立学校以及图书馆提供支持。
- ❖ CTF 计划将开始接受符合 E-Rate 标准的学校和图书馆附属机构申请。



仍有疑问？



资源

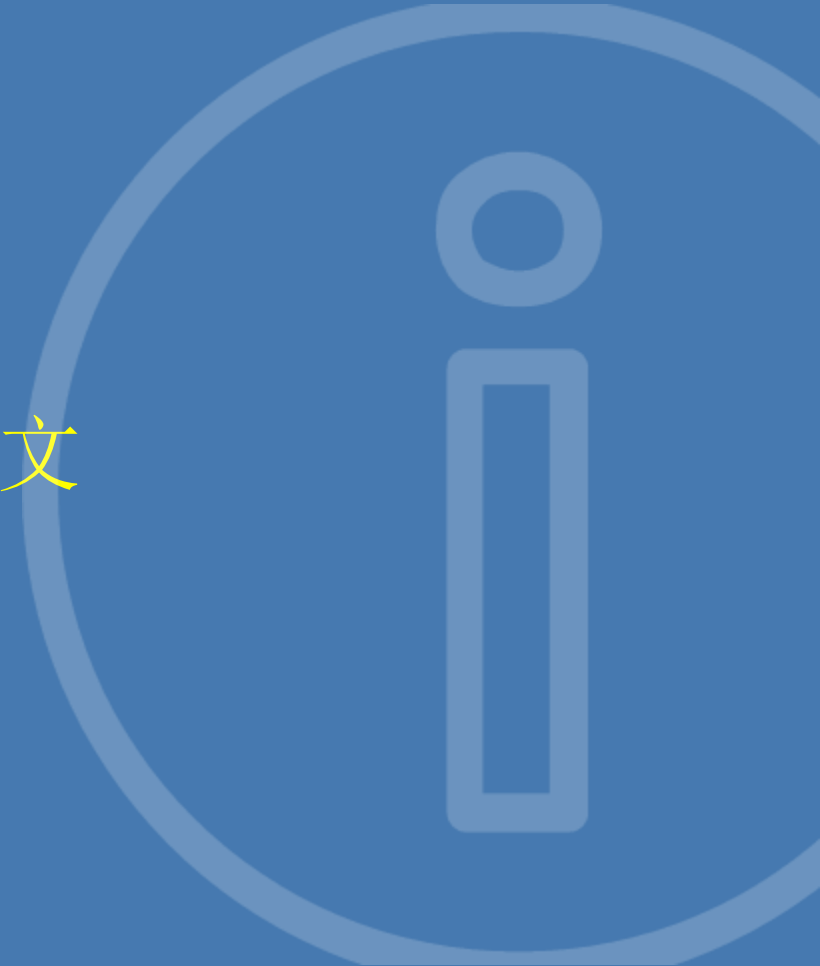
如需了解更多信息：

<https://www.cpuc.ca.gov/CTF>

[《CTF 申请人和参与者指南》](#) 英文、西班牙文
和中文版可在我们的网站上查阅

E-CAP 常见问题解答：

[帮助 - 常见问题解答 \(ca.gov\)](#)





California Public Utilities Commission

有关 CTF 计划和申请流程的问题，请通过
CTFHelp@cpuc.ca.gov 与我们联系。