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Presentation for the Golden State Priority Project Webinar

Additional submitted attachment is included below.

Golden State Priority Project

Northern and Southern Regions



BUILDING EV INFRASTRUCTURE

August 10, 2023

Implemented by CSE for the
California Energy Commission





Introductions

Moderator

Bailey Muller, Center for Sustainable Energy

Speakers

Avin Arefzadeh, Center for Sustainable Energy

Fidel Leon-Green, Center For Sustainable Energy

Q&A Panelists

Brian Fauble, California Energy Commission

Fidel Leon-Green, Center For Sustainable Energy



Agenda

1. CALeVIP Goals & 2.0 Project Priorities
2. Northern/Southern Regions & Funding
3. Applicant & Site Eligibility
4. Readiness Tier Requirements
5. Equipment Requirements
6. Network Provider Requirements
7. Application Timelines
8. Applicant Resources
9. Q&A Session



Before We Get Started

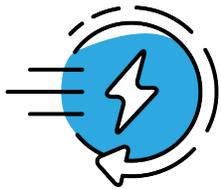
- Participants can submit questions in the chat box any time during the presentation.
- We will be conducting polls throughout this presentation. Please respond and include any additional feedback in the chat box.
- Due to high traffic, you may experience technical difficulties during this presentation. We apologize for potential delays or compromised presentation quality.
- If you miss any part of this presentation or have questions, contact us at calevip@energycenter.org.

CALeVIP 2.0 Project Goals & Priorities



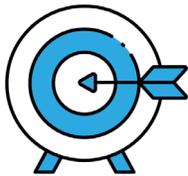
Readiness & Rapid Deployment of Chargers

- Applicant readiness prioritization through tiered ranking system.
- Tools to assist applicants with project management.
- Fast release of funding for other regions and next projects.



Fast & Efficient Application Processing

- Application windows for submission.
- Increased automation within processing and applicant communication.
- Notice of award one month after application window.



Equitable Distribution of Chargers

- Prioritize DCFC deployment with a balance of DAC/LIC populations.
- Fair and equitable distribution for EV community and EV service providers.

Equity and Outreach Partners



Golden State Priority Project (GSPP): Project Requirements & Funding Amounts



Equipment Requirements

- DC fast charger with **minimum guaranteed output of 150 kW** per charging port.
- Minimum of **four charging ports** per site, maximum of 20 charging ports.
- CALeVIP eligible equipment and network provider.
 - For lists of approved equipment and providers, visit calevip.org/calevip-eligible-equipment.



Priority Population

Sites will be funded only within **disadvantaged communities (DACs)** or **low-income communities (LICs)** as defined by the California Air Resources Board's California Climate Investments Priority Populations map found at webmaps.arb.ca.gov/PriorityPopulations.

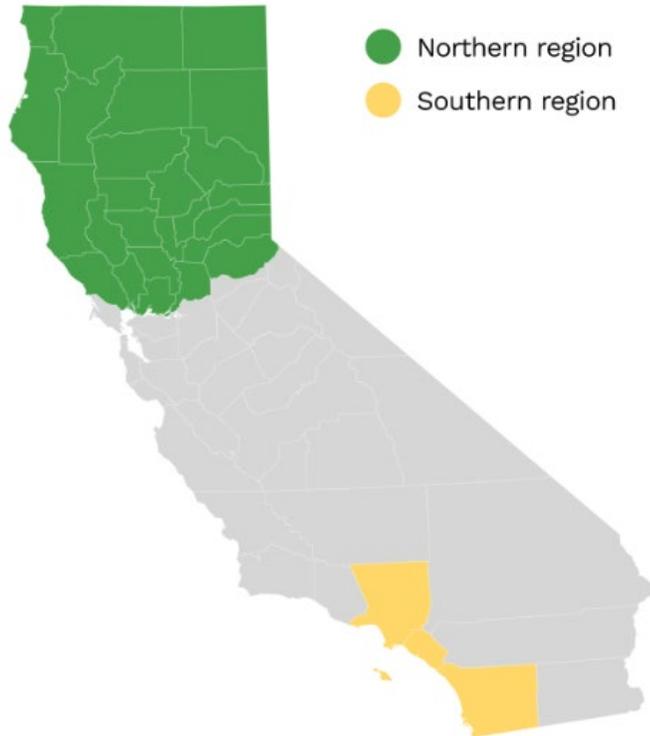


Rebate Eligibility

Up to 50% of the project's total approved costs subject to rebate caps.

Guaranteed Output per Charging Port	Rebate Caps per Charging Port
150 kW - 274.99 kW	\$55,000
275 kW+	\$100,000

GSPP – Northern/Southern



NORTHERN REGION COUNTIES

Rebate funding: \$19 million

- Butte
- Colusa
- Del Norte
- El Dorado
- Glenn
- Humboldt
- Lake
- Lassen
- Mendocino
- Modoc
- Napa
- Nevada
- Placer
- Plumas
- Sacramento
- Shasta
- Sierra
- Siskiyou
- Solano
- Sonoma
- Sutter
- Tehama
- Trinity
- Yolo
- Yuba

SOUTHERN REGION COUNTIES

Rebate funding: \$19 million

- Los Angeles
- Orange
- San Diego



**Application Window Opens:
September 13, 2023**

calevip.org/incentive-project/gssp-incentive-north-south

GSPP – Northern/Southern Applicant Eligibility



Applicants Must

- Submit a Site Verification Form certifying that the applicant is either the site owner or their authorized agent.
- Be a business, sole proprietorship, nonprofit organization, California Native American tribe or a public or government entity based in California OR operate as a California-based affiliate.
- Any threatened or actual legal action against the applicant organization cannot impact the completion or operation of the proposed installation or disbursement of the reserved rebate funds.

GSPP – Northern/Southern Site Eligibility

Eligible Site Characteristics

- Be well lit, secure and in compliance with all federal, state and municipal laws, ordinances, rules, codes, standards and regulations.
- Charging station must be publicly available for 24 hours a day, 365 days a year.
- Stand-alone parking lots or parking garages (i.e., those not dedicated to a particular business or property) are exempted from these requirements as long as the chargers remain accessible to the public for at least 18 hours a day, seven days a week, excluding holidays.

GSPP – Northern/Southern Site Eligibility

Eligible Site Uses

- Airports
- Business districts
- Casinos
- **Charging hubs** - *An existing paved site for which the primary purpose is to provide battery recharging services to electric vehicles.*
- City, county or privately owned parking lots or garages
- Colleges or universities
- Community centers
- Gas stations
- Grocery stores
- **Hospitals**
- **Hotels**
- Large-format retail
- Libraries
- Places of worship
- Police or sheriff stations
- Public transit hubs
- Restaurants
- Retail shopping centers

GSPP – Northern/Southern Site Eligibility

New development sites are NOT eligible!

Installation must be at existing structure or facility (must have negligible or no expansion of existing or former use).

Example: An installation that proposes adding bathrooms and EV chargers to an *existing* parking lot is eligible as long as the bathrooms are added as a separate project before/after the installation of EV chargers.

GSPP – Northern/Southern Installation Requirements - EVITP

- Equipment must be installed by licensed contractor.
- At least 25% of electricians working on the crew must hold **EVITP certification**.
- A signed [EVITP Requirements Affidavit](#) must be submitted before a rebate payment can be approved.
- For more information on EVITP, visit evitp.org or contact info@evitp.org.



Poll Question #1

When are EVITP certified electricians required for GSPP projects?

- A. When at least 25% of parking is dedicated to EV chargers.
- B. When at least 25% of construction crew are electricians.
- C. When 25% of electricians will be installing EV chargers.
- D. Always.



Poll Question #1

When are EVITP certified electricians required for GSPP projects?

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- C. When 25% of electricians will be installing EV chargers.
- D. Always.

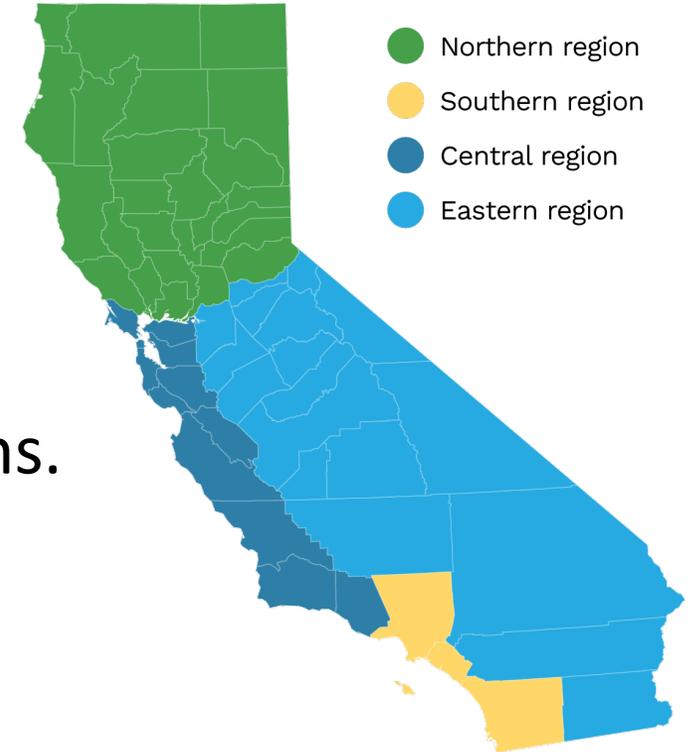
EVITP certified electricians are ALWAYS required for GSPP.



Poll Question #2

Have you experienced issues with hiring EVITP-certified electricians? If so, please select the region most affected.

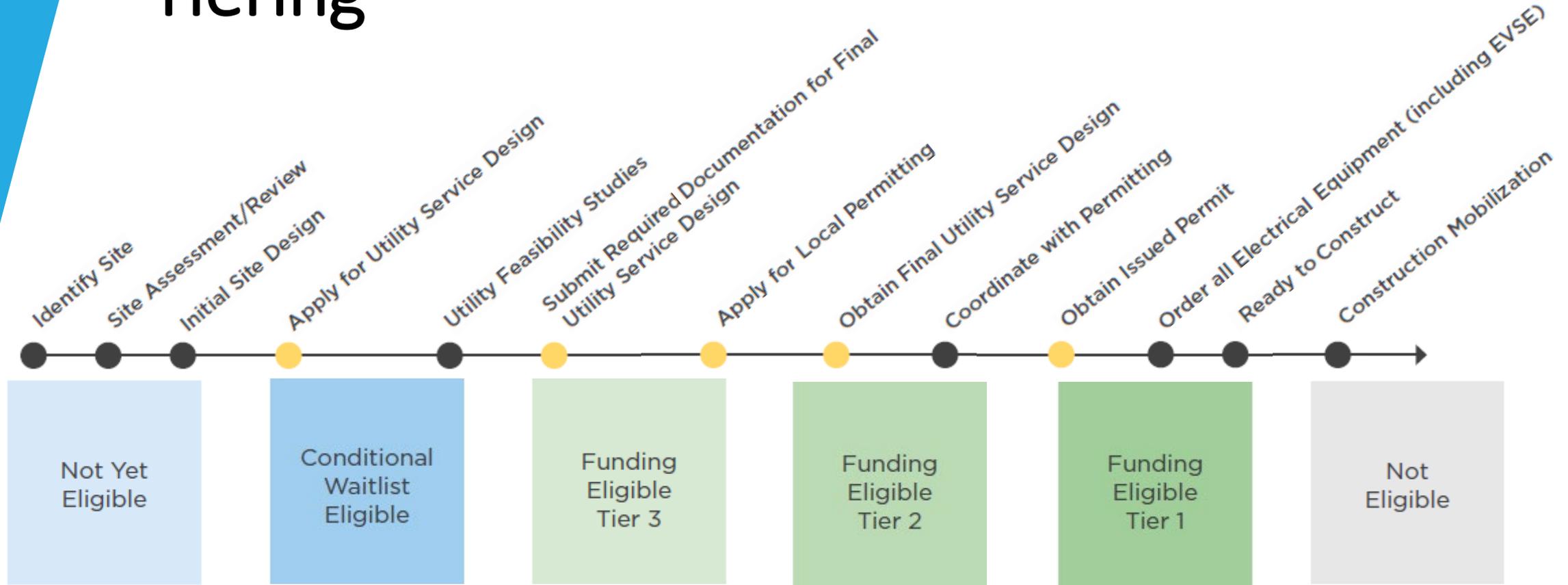
- A. Northern Region.
- B. Southern Region.
- C. Central Region.
- D. Eastern Region.
- E. No issues hiring EVITP-certified electricians.



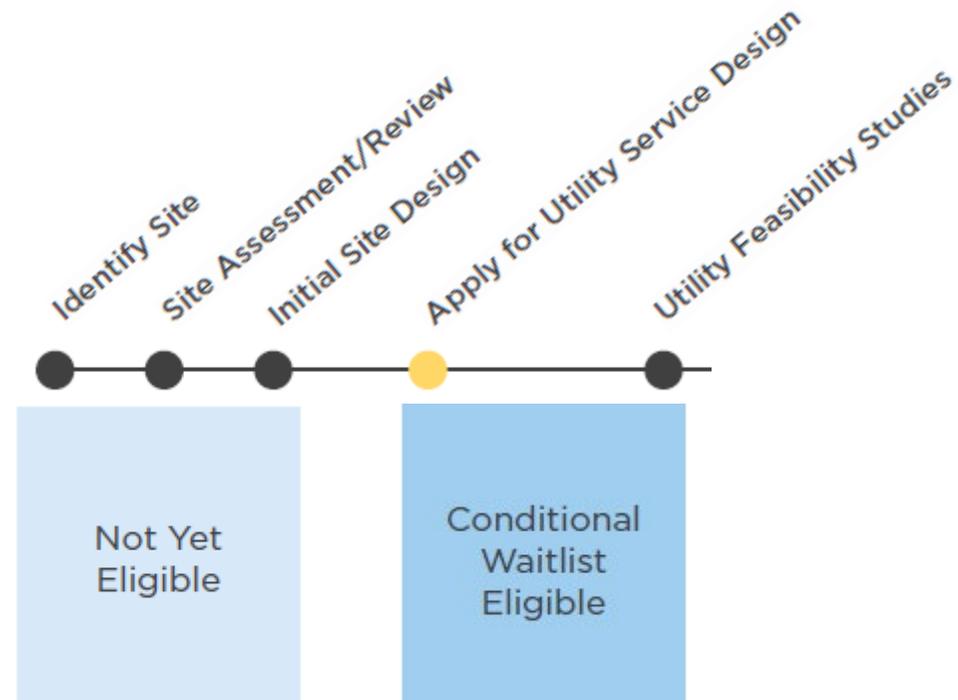
GSPP – Northern/Southern: Tiering

Tier	Required Documents at Application
1 - Highest “Ready to Build”	Final Utility Design AND Issued Permit
2 - Medium “Design Approved”	Final Utility Design AND Permit Application
3 - Lowest “Design in Progress”	Final Utility Design in Progress AND Permit Application
Conditional Waitlist “Almost Ready”	Utility Design Application

GSPP – Northern/Southern: Tiering



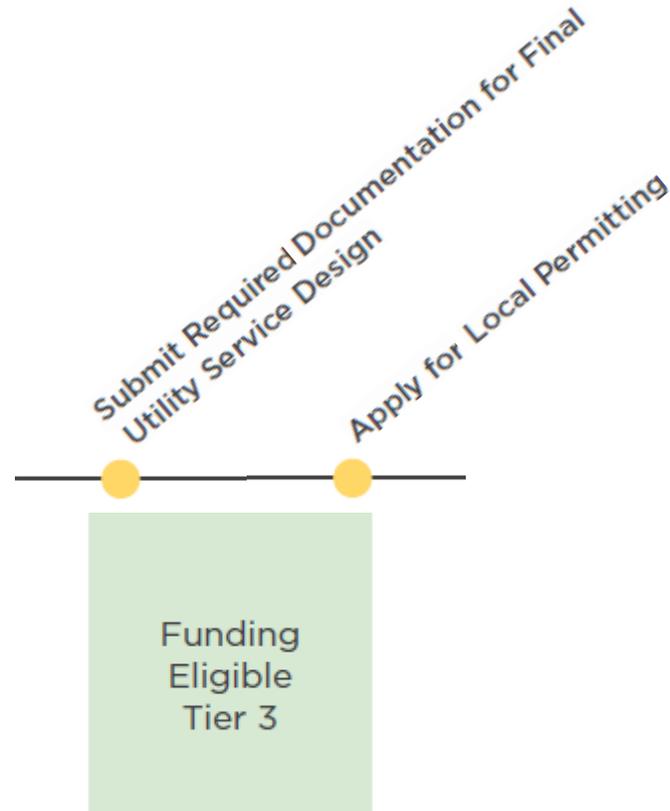
GSPP – Northern/Southern: Tiering – Conditional Waitlist



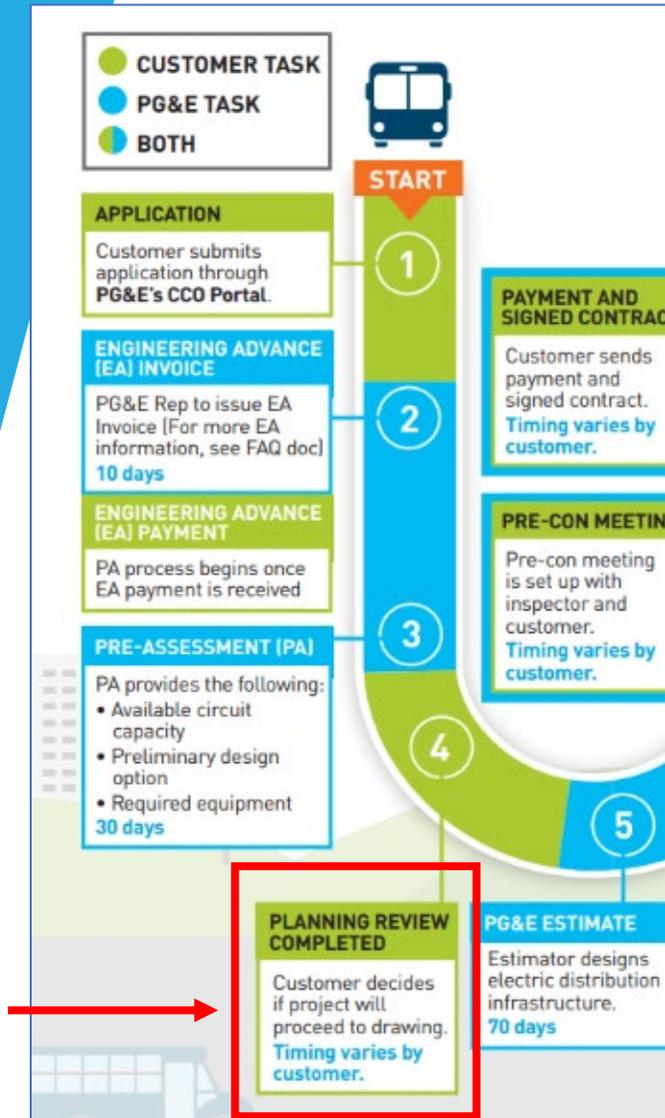
Golden State Priority Project: Conditional Waitlist

- If unable to meet minimum requirements, applicants may apply for the Conditional Waitlist with a **Utility Service Application**.
 - Funding will first be reserved for all eligible Tier 1, 2 and 3 applications. Any unreserved funding that remains will be available to eligible applications in the Conditional Waitlist.
 - Funding for Conditional Waitlist applicants will be reserved in the order in which they become available.
 - To be eligible for funding, applicants must demonstrate compliance with Tier 3 requirements, at a minimum.
- Conditional Waitlist will remain available for **190 days** after the close of the application window.
- Applicants will have **450 days** after funds reserved to complete their project.

GSPP – Northern/Southern: Tier 3

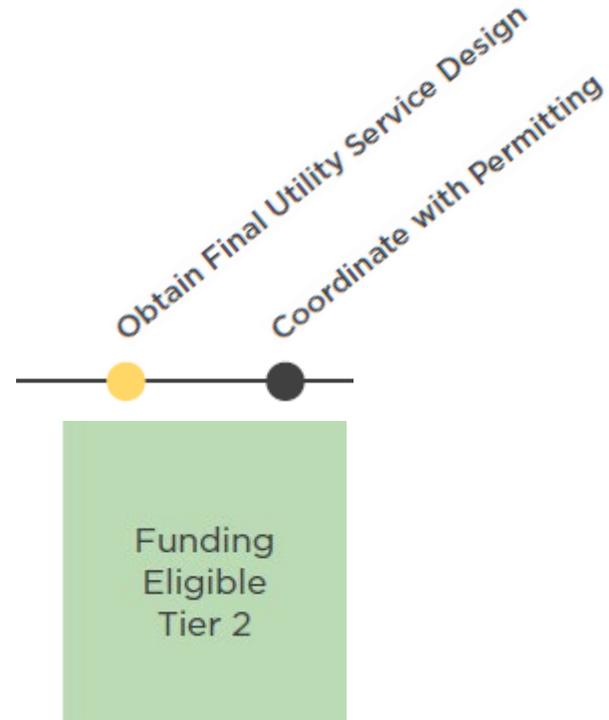


Golden State Priority Project: Final Utility Design in Progress

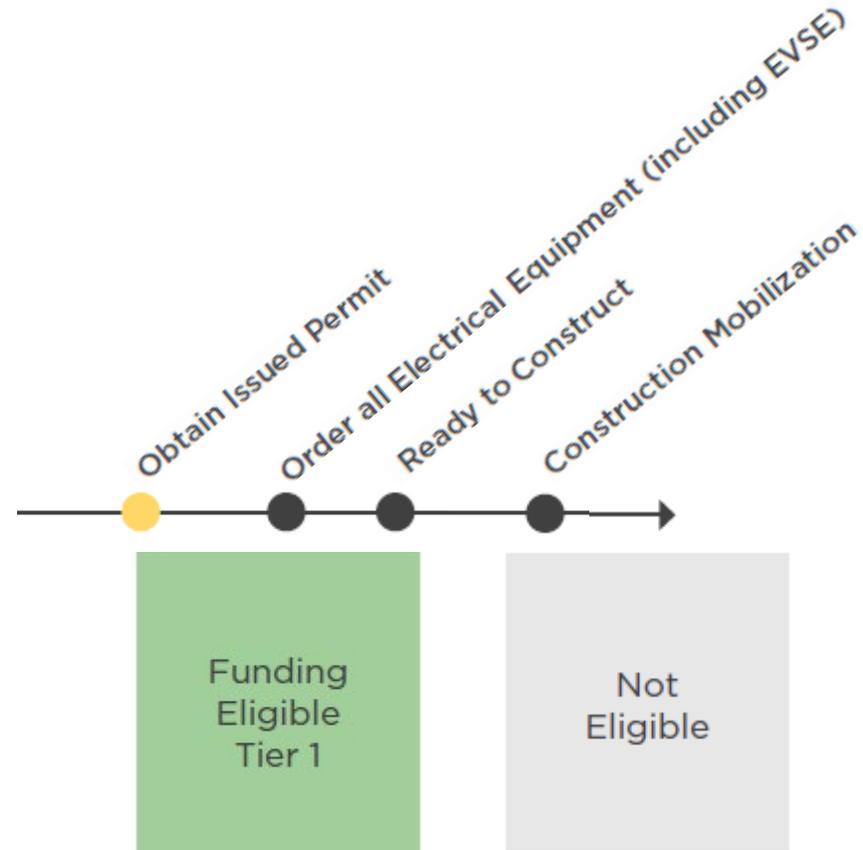


- Stage in the process after applying for utility service design.
- Varies for each utility.
 - *Resource guide coming soon!*
- Looking at checkpoint where applicant provides final documentation to the utility to begin its final design.
- For submission: Official documentation from utility corroborating achievement of this checkpoint.

GSPP – Northern/Southern: Tier 2



GSPP – Northern/Southern: Tier 1



Golden State Priority Project: Application Documents

1. [Site Verification Form](#)

- If your business entity is not required to, and not currently registered with the California Secretary of State, please also include one of the following with your Site Verification Form:
 - Business License
 - Fictitious Business Name (FBN) or Doing Business As (DBA) Statement
 - 2020 State Income Tax Form, or more recent, for the relevant business entity type

2. Permit/Utility Service Application Package

- Tiering Cover Sheet
- Documentation for Tiering Designation
- Site Plan



Poll Question #3

In what scenario will Conditional Waitlist applicants receive funding?

- A. If funds remain after reserving funds for all Tier 1/2/3 applicants.
- B. When Tier 3 requirements, at minimum, are met.
- C. When a Conditional Waitlist applicant orders equipment.
- D. When A and B occur.
- E. When all of the above occur.



Poll Question #3

In what scenario will Conditional Waitlist applicants receive funding?

- A. If funds remain after reserving funds for all Tier 1/2/3 applicants.
- B. When Tier 3 requirements, at minimum, are met.
- C. When a Conditional Waitlist applicant orders equipment.
- D. When A and B occur.
- E. When all of the above occur.



Poll Question #4

What tier do you anticipate your project to fall into?

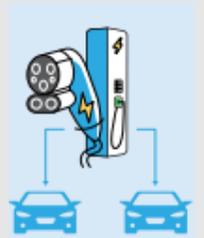
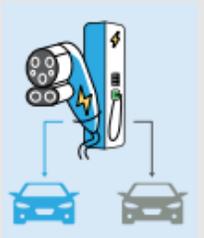
- A. Tier 1
- B. Tier 2
- C. Tier 3
- D. Conditional Waitlist

Golden State Priority Project: Equipment Requirements

1. Be new equipment.
2. Use Combined Charging System (CCS) connectors and/or CCS adapters.
3. Be networked via Wi-Fi, ethernet, or cellular connection (4G and above).
4. Be capable of at least a 150-kW guaranteed power output at each charging port connector.
5. Must be capable of using an implementation of the [Open Charge Point Protocol \(OCPP\)](#) version 1.6 or later. The product specification sheet must state it is capable of using OCPP.
6. **Be ISO-15118 “Hardware Ready” via self-attestation on the product specification sheet.**
7. Not require a subscription or membership to dispense energy.
8. If payment is required, the charger must comply with all relevant laws and regulations pertaining to payment accessibility.
9. Be certified by a Nationally Recognized Testing Laboratory (NRTL) Program to either UL 2202 or UL 9741.
10. Be registered on the [Eligible Equipment](#) webpage as eligible for the Golden State Priority Project.
 - To list a charger as eligible equipment, manufacturers must submit a completed online equipment form to CSE through the EV Charger Eligibility Portal at evchargereligibility.org

Golden State Priority Project: Charging Port Definition

- Charging ports
 - Previously called active connectors
 - The number of DCFC connectors that can supply the rebated guaranteed output simultaneously

Charger	Model A	Model B
Simultaneous Charging Available	Yes	No
Power Output	300kW	150kW
Total Connectors	2	2
Charging Ports	2	1
Power Output per Charging Port	150kW	150kW
Example	<p>300kW</p>  <p>150kW 150kW</p>	<p>150kW</p>  <p>150kW 0kW</p>

Golden State Priority Project: Equipment Requirements

Effective **Jan. 1, 2024**, DC fast chargers must also be:

- ENERGY STAR certified.
- Certified by Open Charge Alliance (OCA) for OCPP 1.6 or later.
 - At minimum, both a subset certificate and a security certificate will be required.
 - Certification for OCPP2.0 will be required by 2025.

Golden State Priority Project: Equipment Installation Requirements

- New
 - E.g., requires trenching, new conduit, wiring, panel, etc.
- Stub-out/Make-ready
 - E.g., a site where EV infrastructure exists, but on which EV charging has not previously been installed.
- Replacement
 - E.g., replacement of an existing EV charger with a new charger.
 - DC fast chargers are eligible for replacement only if their power output is below 40 kW.
 - Non-DC fast chargers are not eligible for replacement under the Golden State Priority Project.

Golden State Priority Project: Eligible Costs

- Demand management equipment.
- Design, engineering and utility service costs.
- Equipment, including EVSE, transformer, panels, advanced energy storage and all-inclusive solar EV charging systems.
- Extended warranties.
- Installation costs (labor and materials).
- Network agreements.
- Planning/engineering.
- Required ADA upgrades to site due to project, but not to include or cover upgrades of existing ADA noncompliance.
- Signage.
- Stub-outs.
- Utility service orders.

Golden State Priority Project: Eligible Costs

Beyond the rebated charging ports, **additional charging ports** and connectors may be installed on a site and will **count toward the total project cost** used to calculate the final rebate amount. However, the **rebate cap** will be determined based solely on the **number of charging ports** that meet eligibility requirements (i.e., the rebated charging ports).

Golden State Priority Project: Ineligible Costs

- Any costs incurred prior to **6/16/2023**.
- Any project costs offset by other rebate programs or projects.
- Permits required by the local authority having jurisdiction (AHJ).
- Stand-alone solar panels.
- Costs associated with developing an unpaved site.
- Costs associated with construction of new buildings or structures.

While costs are eligible starting 6/16/2023, **construction cannot have started** prior to the close of the application window (11/17/2023).

Golden State Priority Project: Network Requirements

- Provide networking services for EV charging stations.
- Be capable of processing payments through a toll-free number option and initiating a charging session remotely.
- Have a signed data-sharing agreement in place with CSE.
- Implement a mechanism to transfer the required data to CSE with a format and frequency that is acceptable to CSE and CEC.
- Be capable of obtaining and providing the charging session data identified in each network provider's data sharing agreement using 15-minute intervals.

To begin the process of becoming an eligible network provider, fill out this [intake form](https://calevip.org/sites/default/files/docs/CALeVIP_Network_Provider_Intake_Form.pdf) (https://calevip.org/sites/default/files/docs/CALeVIP_Network_Provider_Intake_Form.pdf) and send it to evcharging@energycenter.org

Golden State Priority Project: Combining GSPP Funds with Other Funds

- Applicants may use other incentive funds to cover remaining 50% of the total project costs not rebated by GSPP.
 - Excludes NEVI and other CEC-managed solicitations.
- Total funding amount cannot exceed 100% of project cost.
 - Low Carbon Fuel Standard (LCFS) is excluded from this limitation.

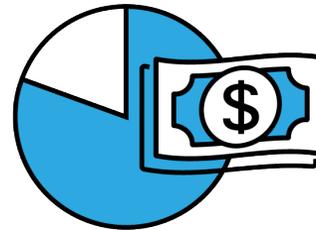
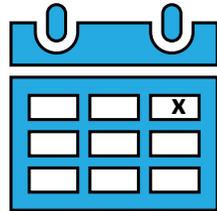


Poll Question #5

What site type(s) are you planning to install at?

- A. Shopping, Restaurant
- B. Public Parking, Charging Hub, Gas Station
- C. Hotel, Casino, Airport
- D. Hospital, Community Center, Place of Worship
- E. Other

Golden State Priority Project: Application Process



Sept. 13, 2023
Application
Window Opens

Nov. 17, 2023
Application
Window Closes

By Dec. 7, 2023
Applicant Tier
Status Notified

By Feb. 15, 2024
Applicant Funds
Reserved
Notification



Resources

Rebate Forms and Documents

Select a Project

Golden State Priority Project



Golden State Priority Project

-  CALeVIP Site Verification Form
-  CALeVIP Site Verification Form Resource Guide
-  CALeVIP Network Provider Intake Form
-  GSPP Equipment Eligibility Resource Guide
-  GSPP (Central/Eastern) Implementation Manual
-  GSPP (Central/Eastern) Terms and Conditions

-  GSPP (Central/Eastern) Overview
-  GSPP (Central/Eastern) Applicant and Site Eligibility Guide
-  GSPP (Central/Eastern) Tiering Guide
-  GSPP (Northern/Southern) Implementation Manual
-  GSPP (Northern/Southern) Overview
-  GSPP (Northern/Southern) Applicant and Site Eligibility Guide

Application Assistance

- Application Assistance begins **tomorrow!**
 - Will run through the application window, which closes on November 17.
- Support available for:
 - Any remaining eligibility questions.
 - Understanding equipment requirements.
 - Reviewing tiering documentation.
 - Pre-review of applications.

Use the link below or scan the QR code to submit a request for Application Assistance.

<https://forms.office.com/r/MUQiy9PdmE>





Questions & Answers

**Please submit all comments and questions
through the chat now.**

Panelists

Brian Fauble, California Energy Commission
Fidel Leon-Green, Center For Sustainable Energy

A close-up photograph of an electric vehicle (EV) charging cable connector, showing the metal contacts and the plastic housing. The image is overlaid with a blue gradient.

Post Webinar

- Visit the GSPP – Northern/Southern webpage calevip.org/incentive-project/gssp-incentive-north-south
- Contact us with additional questions golden-state-priority@energycenter.org
- Visit [CEC Docket 22-EVI-01](#)
 - View all CALeVIP 2.0 webinars and presentations
 - Submit comments

Thank You!