



**CALIFORNIA  
ENERGY COMMISSION**



**CALIFORNIA  
NATURAL  
RESOURCES  
AGENCY**

California Energy Commission

## **STAFF REPORT**

# **Localized Health Impacts Report**

**Projects Awarded Funding Under Solicitation  
GFO-22-614 — Reliable, Equitable, and  
Accessible Charging for Multifamily Housing  
2.0 (REACH 2.0)**

**March 2024 | CEC-600-2024-015**



# California Energy Commission

Jana McKinny

**Primary Author**

Sarah Birnbaum

Kyle Corrigan

Danny Leung

Soham Mistry

Sara Sanders

Bridey Scully

Zane Shalauta

Elizabeth Varkey

**Commission Agreement Managers**

Jaron Weston

**Program Manager**

**ZERO EMISSION VEHICLES ACCELERATION BRANCH**

Hannon Rasool

**Director**

**FUELS AND TRANSPORTATION DIVISION**

Drew Bohan

**Executive Director**

## **DISCLAIMER**

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# PREFACE

This Localized Health Impacts Report (LHI Report) assesses the local health impacts from projects proposed to receive Clean Transportation Program (CTP) or similar funding. Preventing or minimizing health risks from pollution is vital in any community, but especially in those that are at high-risk due to preexisting poor air quality and other factors. Environmental justice (EJ) communities, low-income communities, and minority communities are considered the most impacted by any project that could increase air pollution. Therefore, they are considered “high-risk communities.” This LHI Report:

- Identifies proposed projects located in high-risk communities.
- Analyzes the potential health impacts to communities from project-related emissions or pollution, based on information submitted by the project awardees.
- Describes the plans for community outreach for each project.

Assembly Bill 118 (Núñez, Chapter 750, Statutes of 2007), which created the CTP, also directed the California Air Resources Board (CARB) to develop guidelines to ensure the CTP improves air quality. CARB’s *AB 118 Air Quality Guidelines*, approved in 2008, are published in the California Code of Regulations (CCR), Title 13, Motor Vehicles, Chapter 8.1. Those guidelines require the CEC to issue LHI Reports (13 CCR Section 2343):

“(6) Localized health impacts must be considered when selecting projects for funding. The funding agency must consider environmental justice consistent with state law and complete the following:

“(A) For each fiscal year, the funding agency must publish a staff report for review and comment by the public at least 30 calendar days prior to approval of projects. The report must analyze the aggregate locations of the funded projects, analyze the impacts in communities with the most significant exposure to air contaminants or localized air contaminants, or both, including, but not limited to, communities of minority populations or low-income populations, and identify agency outreach to community groups and other affected stakeholders.

“(B) Projects must be selected and approved for funding in a publicly noticed meeting.”

In addition, the CEC issues LHI Reports for certain projects that are similar to CTP projects but do not receive CTP funding.

The CEC publishes this LHI Report at least 30 days before approving projects at a publicly noticed meeting. This report includes projects that may require a conditional-use permit, discretionary permit, or California Environmental Quality Act (CEQA) review. The CEC interprets “permits” to suggest discretionary and conditional-use permits, because they require a review of potential impacts to communities and the environment before issuance. Since ministerial-level permits do not review public health–related pollutants, CEC staff does not assess projects requiring only ministerial-level permits in this report.



## ABSTRACT

This Localized Health Impacts Report describes the potential health impacts to communities from projects seeking California Energy Commission (CEC) funding under Grant Solicitation GFO-22-614. This grant initiative seeks to demonstrate replicable and scalable business and technology models for large-scale deployment of electric vehicle (EV) charging infrastructure capable of maximizing access and EV travel for multi-family housing residents. Under California Code of Regulations Title 13, Section 2343, this report is available for public comment for 30 days before projects can be approved at a publicly noticed business meeting.

CEC staff has proposed 11 projects for Clean Transportation Program or similar grant funding awards under Solicitation GFO-22-614. Each of these projects has multiple locations. Based on project site information provided by the awardees, 52 of the 105 communities where these projects are located are considered high-risk communities. Staff does not anticipate a net increase in the pollution burden for the communities where these projects are located.

**Keywords:** Air pollution, California Air Resources Board (CARB), Assembly Bill (AB) 118, California Environmental Quality Act (CEQA), electric vehicle (EV), electric vehicle supply equipment (EVSE), environmental justice (EJ) indicators, Environmental Justice Screening Method (EJSM), localized health impacts (LHI), multi-family housing (MFH)

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## **EXECUTIVE SUMMARY**

The California Energy Commission's (CEC's) Clean Transportation Program provides funding to support innovation and accelerate the development and implementation of advanced transportation and fuel technologies. The CEC also provides funding from programs that are similar to but separate from the Clean Transportation Program. An example of a similar program is the funding described in Section 36 of Assembly Bill 211 (Committee on Budget, Chapter 574, Statutes of 2022).

Under California Code of Regulations Title 13, Section 2343, this Localized Health Impacts Report describes the electric vehicle charger projects proposed for funding that may require certain kinds of permits or environmental review. These permits include conditional-use permits, air-quality permits, wastewater permits, hazardous waste disposal permits, and other land-use entitlements. Since ministerial-level permits do not assess public health-related pollutants, staff does not assess projects requiring only ministerial-level permits in this report. The CEC is required to assess the local health impacts of projects proposed for Clean Transportation Program funding.

This report focuses on how project-related emissions or pollution could affect community health. Environmental justice communities, low-income communities, and minority communities are at higher risk of harm from pollution. Project locations in these communities are considered "high-risk community project locations." CEC staff identifies high-risk communities using a combination of demographic and environmental data. Environmental data for air quality come from the California Air Resources Board. Demographic data are from the U.S. Census Bureau and the California Employment Development Department.

CEC staff proposes 11 projects for Clean Transportation Program or similar grant funding awards under Solicitation GFO-22-614, "Reliable, Equitable, and Accessible Charging for Multi-family Housing 2.0." This initiative seeks to expand the supply of electric vehicle charging for multi-family housing residents. Staff analyzed localized health impact information submitted by the project awardees. Based on project site information provided by the awardees, 52 of 105 communities where proposed projects are located are considered high-risk. Community members near the proposed project sites may be at a higher risk of negative health impacts from pollution. However, staff does not anticipate a net increase in the pollution burden for the communities where these projects are located. Instead, staff expects the projects to reduce pollution levels.



# CHAPTER 1:

## Projects Proposed for Funding

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### Background

This solicitation follows the processes of the Clean Transportation Program (CTP), originally established by Assembly Bill (AB) 118 (Núñez, Chapter 750, Statutes of 2007). AB 118, amended by Assembly Bill 109 (Núñez, Chapter 313, Statutes of 2008), authorizes the California Energy Commission (CEC) to “develop and deploy innovative technologies that transform California’s fuel and vehicle types to help attain the state’s climate change policies.” Assembly Bill 8 (Perea, Chapter 401, Statutes of 2013) reauthorized funding for the CTP through January 1, 2024. Assembly Bill 126 (Reyes, Chapter 319, Statutes of 2023) reauthorized the CTP through July 1, 2035. Assembly Bill 211 (Committee on Budget, Chapter 574, Statutes of 2022) provides funding that is related to but separate from the CTP.

On April 26, 2023, the CEC released a competitive grant solicitation, “Reliable, Equitable, and Accessible Charging for Multi-family Housing 2.0 (REACH 2.0)” (GFO-22-614). GFO-22-614 offered funding for projects that demonstrate replicable and scalable business and technology models for large-scale deployment of electric vehicle (EV) charging infrastructure capable of maximizing access and EV travel for multi-family housing (MFH) residents. The solicitation also aims to enable greater EV adoption among MFH residents. Proposed projects must include charger installations that will benefit and be used by MFH residents within disadvantaged communities, low-income communities, or a combination of both, and applicants were encouraged to pursue installations for affordable housing. GFO-22-614 will support switching from gasoline vehicles to EVs, which will reduce criteria air pollutants and greenhouse gas (GHG) emissions in California.

### Projects Selected

On December 4, 2023, the CEC posted a notice of proposed awards (NOPA)<sup>1</sup> identifying the 11 projects awarded grant funding under GFO-22-614. This report assesses the locations of each of those projects. Table 1 summarizes the number of site locations for each proposed project. A complete list of project locations and corresponding environmental justice (EJ) indicators is in Appendix A: Project Details with EJ Indicators. EJ indicator definitions are in Chapter 3 of this report, and EJ indicator analysis is in Table 8.

Some awardees have not yet finalized their project locations and will be selecting project locations following project execution. Deployment target areas and county-level Census information has been used to perform the EJ indicator Analysis included in Appendix A. The

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1 Cary, Eilene. 2023. “Notice Of Proposed Awards.” California Energy Commission. Accessed January 11, 2024. [Cover letter](https://www.energy.ca.gov/sites/default/files/2023-12/GFO-22-614_NOPA_Cover_Letter_2023-12-04_ada.docx) available at [https://www.energy.ca.gov/sites/default/files/2023-12/GFO-22-614\\_NOPA\\_Cover\\_Letter\\_2023-12-04\\_ada.docx](https://www.energy.ca.gov/sites/default/files/2023-12/GFO-22-614_NOPA_Cover_Letter_2023-12-04_ada.docx), and [table of awardees](https://www.energy.ca.gov/sites/default/files/2023-12/GFO-22-614_Results_Table_2023-12-04_ada.xlsx) available at [https://www.energy.ca.gov/sites/default/files/2023-12/GFO-22-614\\_Results\\_Table\\_2023-12-04\\_ada.xlsx](https://www.energy.ca.gov/sites/default/files/2023-12/GFO-22-614_Results_Table_2023-12-04_ada.xlsx).

CEC will release update(s) to this report when specific sites are finalized. An update that requires new location analysis will include a 30-day public comment period. That type of update is called an “LHI Report Addendum.”

**Table 1: Proposed Project Details**

Awardee	Project Name	Number of Project Locations
Chargee LLC Northern	Replicable and Reliable Charging for Multi-Family Communities in Northern California	33
Chargee LLC Southern	Replicable and Reliable Charging for Multi-Family Communities in Southern California	23
County of Los Angeles	Expanding Equitable Regional Access to Clean Transportation	8
Ecology Action of Santa Cruz	Multifamily Housing EV Accelerator 2.0	14
EVE Energy Ventures DBA Xeal Energy	Sustainable, Equitable, and Reliable Vehicle Electrification (SERVE - SD)	23
EVIUM Charging LLC North	EVIUM CHARGING LLC's Proposal for REACH 2.0 NORTHERN CA Region	4
EVIUM Charging South	EVIUM CHARGING LLC's Proposal for REACH 2.0 SOUTHERN CA Region	5
GoPowerEV Inc Norcal	NorCal-GoPowerEV	9
GoPowerEV Inc. SoCal	SoCal-GoPowerEV	29
Sacramento Municipal Utility District	Multifamily EV Charging Community	26
The Regents of the University of California, Santa Barbara	Equitable Charging Access for Renters in the 805 Region (E-CAR 805) Project	67

Source: CEC Staff

Funding for these projects is contingent upon approval at a publicly noticed CEC business meeting and execution of a grant agreement.

**Public Comment**

As provided by Title 13 of the CCR, Section 2343, a 30-day public review period applies to this LHI Report from the date it is posted on the CEC website. The [original posting date for this report](https://www.energy.ca.gov/programs-and-topics/programs/clean-transportation-program/localized-health-impacts-reports) is at <https://www.energy.ca.gov/programs-and-topics/programs/clean-transportation-program/localized-health-impacts-reports>.

The CEC encourages comments by email. Please include your name or your organization’s name in the name of the file. Send comments in either Microsoft® Word format (.doc) or Adobe® Acrobat® format (.pdf) to [FTD@energy.ca.gov](mailto:FTD@energy.ca.gov).

A hard copy can be mailed to:

California Energy Commission  
 Fuels and Transportation Division  
 715 P Street, MS-44  
 Sacramento, CA 95814-5512

All written comments will become part of the public record and may be posted to the Internet. News media should direct inquiries to the Media and Public Communications Office at 916-654-4989 or by email at [mediaoffice@energy.ca.gov](mailto:mediaoffice@energy.ca.gov).

# CHAPTER 2:

## Project Descriptions

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As part of the GFO-22-614 process for selecting projects, applicants must provide LHI information for their proposed project and location. This information includes the expected impact of the project on local communities and the outreach efforts the applicant has made to engage disadvantaged communities or other local communities. This chapter summarizes that information submitted by the awardees. The awardees identify disadvantaged communities using the CalEnviroScreen<sup>2</sup> screening tool developed by the Office of Environmental Health Hazard Assessment.

Applicants use different methods for estimating emissions reductions, so estimates may vary significantly between similar projects.

### Chargie LLC

Chargie LLC submitted two projects that are proposed for funding. “Replicable and Reliable Charging for Multi-Family Communities in Northern California” will install 558 Level 2 EV chargers at MFH in the Northern California project area.<sup>3</sup> “Replicable and Reliable Charging for Multi-Family Communities in Southern California” will install 525 Level 2 EV chargers at MFH in the Southern California project area<sup>4</sup> (Table 2). Chargie LLC estimates that both projects combined will reduce GHG emissions by 410,103 grams (g) of GHG emissions per month by enabling MFH residents to switch to EVs. This project is not expected to have any significant community health impacts or generate project-emitted emissions.

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2 This tool ranks U.S. Census tracts based on geographic, socioeconomic, public health and environmental hazard criteria. See “[CalEnviroScreen](https://oehha.ca.gov/calenviroscreen).” Office of Environmental Health Hazard Assessment. Accessed January 18, 2024. Available at <https://oehha.ca.gov/calenviroscreen>.

3 Northern California project area includes the following counties: Alameda, Alpine, Amador, Butte, Calaveras, Colusa, Contra Costa, Del Norte, El Dorado, Glenn, Fresno, Humboldt, Lake, Lassen, Madera, Marin, Mariposa, Mendocino, Merced, Modoc, Monterey, Mono, Napa, Nevada, Placer, Plumas, Sacramento, San Benito, San Francisco, San Joaquin, San Mateo, Santa Clara, Santa Cruz, Shasta, Sierra, Siskiyou, Solano, Sonoma, Stanislaus, Sutter, Tehama, Trinity, Tuolumne, Yolo, and Yuba. See “[GFO-22-614 Solicitation Manual Addendum 1](#)”. California Energy Commission. Accessed February 14, 2024. [https://www.energy.ca.gov/sites/default/files/2023-07/00\\_GFO-22-614\\_Solicitation\\_Manual\\_Addendum\\_01\\_2023-07-10\\_ada.docx](https://www.energy.ca.gov/sites/default/files/2023-07/00_GFO-22-614_Solicitation_Manual_Addendum_01_2023-07-10_ada.docx).

4 Southern California project area includes the following counties: Imperial, Inyo, Kern, Kings, Los Angeles, Orange, Riverside, San Bernardino, San Diego, San Luis Obispo, Santa Barbara, Tulare, and Ventura. See “[GFO-22-614 Solicitation Manual Addendum 1](#)”. California Energy Commission. Accessed February 14, 2024. [https://www.energy.ca.gov/sites/default/files/2023-07/00\\_GFO-22-614\\_Solicitation\\_Manual\\_Addendum\\_01\\_2023-07-10\\_ada.docx](https://www.energy.ca.gov/sites/default/files/2023-07/00_GFO-22-614_Solicitation_Manual_Addendum_01_2023-07-10_ada.docx).

**Table 2: Charge North and South Projects Summary**

<b>Region</b>	<b>Level 2 Charging Ports</b>	<b>MFH Locations</b>	<b>MF Units Served</b>	<b>% Disadvantaged or Low-income Community</b>	<b>Emission Reduction (GHG g/month)</b>
Northern CA	558	33	1,674	79%	203,931
Southern CA	525	23	1,575	78%	206,172

Source: Charge LLC

Outreach methods will include virtual or in-person educational and training sessions for residents on the benefits of electrified transportation and the growing accessibility of EV ownership. The project team will work closely with property managers to inform residents of construction schedules and ensure training sessions are accessible on-site. Charge LLC will also partner with the Los Angeles Clean Tech Incubator to serve as an advisor in their community engagement strategy to ensure equitable and effective outreach.

### **County of Los Angeles**

The County of Los Angeles proposed project, "Expanding Equitable Regional Access to Clean Transportation," will install 206 Level 2 charging ports for use by MFH residents at properties throughout the counties of Los Angeles, Orange, Riverside, San Bernardino, Santa Barbara, and Ventura. Six additional Level 2 charging ports will be installed at a Public Housing Development property in Los Angeles County. Specific site selection will take place during the project term. Following installation, emissions reductions for each location will be calculated based on charger use. Reducing internal combustion vehicles will improve air quality for residents; onsite charging will also improve safety for residents.

Outreach methods will include surveys, events, social media marketing, flyers, door hangers, and mobile application notifications. This project will also use Electrifyze, an EV outreach and awareness tool launched in 2020 with several thousand users. Educational outreach provided to residents and property staff will include the advantages of EVs and charging port operation.

### **Ecology Action of Santa Cruz**

Ecology Action of Santa Cruz's proposed project, "Multifamily Housing EV Accelerator 2.0," will install 400 new Level 1 and Level 2 charging ports at 73 MFH sites in 14 counties. Specific site selection will take place during the project term. At least 90 percent of installations will be in disadvantaged communities, low-income census tracts, and Community Air Protection Program (Assemble Bill 617) communities. This project will not result in any new criteria or toxic air emissions. It will increase the utilization of EVs, which significantly reduce criteria air pollutants and GHG emissions. Over six years this project is projected to reduce 14,454 metric tons (MT) of carbon dioxide equivalent (CO<sub>2</sub>e).

Outreach efforts include flyers, surveys, and coordination of virtual or in-person events for MFH community residents. Affordable EV clinic webinars will provide educational information

regarding the benefits of EV ownership, incentives, how to access down payment assistance, and how to find publicly available EV charging stations.

### **EVE Energy Ventures**

EVE Energy Ventures’ (doing business as Xeal Energy) proposed project, “Sustainable, Equitable, and Reliable Vehicle Electrification (SERVE - SD),” will install Level 2 chargers at 23 MFH properties operated by TruAmerica serving over 2,406 units. No increase in direct emissions is expected from this project, as neither the EVSE itself nor charging an EV using an EVSE generates any criteria or toxic pollutants or increase in traffic. The availability of EVSE will lead residents to replace their internal combustion engine vehicles with EVs, reducing criteria air pollutants such as carbon monoxide (CO), nitrogen oxides (NO<sub>x</sub>), particulate matter (PM), and volatile organic compounds (VOC) (Table 3). Over six years the project is expected to dispense 9.144 million kilowatt hours (kWh) of electricity and reduce GHG emissions by 7.571 billion grams of CO<sub>2</sub>e.

**Table 3: SERVE - SD Emissions Reductions Estimate**

<b>Level 2 EVSE</b>	<b>Electricity Dispensed (kWh)</b>	<b>GHG (g CO<sub>2</sub>e)</b>	<b>CO (lb)</b>	<b>NO<sub>x</sub> (lb)</b>	<b>PM10 (lb)</b>	<b>PM2.5 (lb)</b>	<b>VOC (lb)</b>	<b>Sox (lb)</b>
<b>Annual</b>	1.524 million	1.262 billion	11,899	272	30	22	1,170	5
<b>5 Years</b>	7.620 million	6.309 billion	59,4967	1,362	149	110	5,848	26
<b>6 Years</b>	9.144 million	7.571 billion	7,1396	1,634	179	132	7,017	31

Source: Xeal Energy

Outreach methods will include sharing project goals, milestones, updates, and completion status with project stakeholders, community leaders, and those negatively impacted by poor local air quality through electronic and print media. Xeal Energy will coordinate with property managers to encourage onboarding with flyers, banners, and educational materials describing how to download and set up an account to access the chargers.

### **EVIUM Charging LLC**

Two projects submitted by EVIUM Charging LLC (EVIUM) are proposed for funding. “EVIUM Charging LLC’s Proposal for REACH 2.0 Northern CA Region” will install 117 Level 2 charging ports at four MFH locations in Northern California. “EVIUM Charging LLC’s Proposal for REACH 2.0 Southern CA Region” will install 474 charging ports at five MFH locations in Southern California (Table 4). All sites for both projects are located within disadvantaged or low-income communities. No adverse health impacts are expected as a result of these projects. Assuming 20 percent of MFH residents are transitioning to EVs over the project term, approximately 3,956 metric tons (MT) of CO<sub>2</sub> would be avoided over six years.



**Table 4: EVIUM Projects Summary**

Region	Level 2 Charging Ports	MFH Locations	MFH Units Served	% Disadvantaged or Low-income community	CO <sub>2</sub> Reduction (MT)
Northern CA	117	4	361	100%	3,077
Southern CA	474	5	2,423	100%	879

Source: EVIUM Charging LLC

Outreach efforts will include engaging with local leaders in government, education, private sectors, and community organizations to promote EVSE infrastructure and support local driver adoption. EVIUM will also develop a consumer-oriented education program to inform consumers how charging works and EV ownership benefits, challenges, and incentives.

### GoPowerEV Inc.

Two projects submitted by GoPowerEV Inc. are proposed for funding. "NorCal-GoPowerEV" will install 176 PowerPort3 units at nine MFH sites in Northern California. "SoCal-GoPowerEV" will install 379 PowerPort3 units at 29 MFH sites in Southern California. Each PowerPort3 is installed between two parking spaces and supports two Level 1 ports and one Level 2 port, with the end-user providing their own charging cord. The project entails low-impact construction work and is not anticipated to generate any criteria or toxic emissions that will adversely affect local community health. By enabling residents to switch to EVs, GoPower estimates that both projects will reduce emissions by 15,217 MT CO<sub>2</sub>e over the six-year project life span.

**Table 5: GoPowerEV North and South Projects Summary**

Region	PowerPort3	MFH Locations	MFH Units Served	% Disadvantaged or Low-income Community	6-Year Emission Reductions (MT CO <sub>2</sub> e)
Northern CA	176	9	619	66%	4,610
Southern CA	379	29	711	68%	10,607

Source: GoPowerEV Inc

Outreach methods will include educational posters at the MFH site, informational emails, marketing campaigns, and hosting lunch-and-learns to educate community members on the benefits of EV ownership and EV charger installation. GoPower will coordinate with property owners to collect feedback on charger usage.

### Sacramento Municipal Utility District

Sacramento Municipal Utility District's (SMUD's) proposed project, "Multifamily EV Charging Community," will install 278 Level 2 chargers at 26 MFH or MFH-adjacent sites. The project will serve 903 MFH units, with 92 percent of the EVSE at sites located within disadvantaged or low-income communities. The only emissions generated will be due to the electrical grid mix

used to charge the vehicles. Accounting for these “upstream” emissions and assuming a 30 percent utilization of the project’s EVSE, SMUD has estimated the net avoided GHG emissions from project implementation to be 28.4 million grams CO<sub>2e</sub> over six years (Table 6).

**Table 6: SMUD - Estimated Emissions Reductions**

Year	# Chargers	SMUD Carbon Intensity (g/kWh)	30% Utilization (kWh)	Upstream Emissions (g CO <sub>2e</sub> )	Tailpipe Emissions Avoided (g CO <sub>2e</sub> )	Net Emissions Avoided (g CO <sub>2e</sub> )
2026	139	189	2,082,164	393,529,040	2,831,743,584	2,438,214,544
2027	278	180	4,164,329	749,579,124	5,663,487,168	4,913,908,044
2028	278	144	4,164,329	599,663,299	5,663,487,168	5,063,823,869
2029	278	108	4,164,329	449,747,474	5,663,487,168	5,213,739,694
2030	278	72	4,164,329	299,831,650	5,663,487,168	5,363,655,518
2031	278	72	4,164,329	299,831,650	5,663,487,168	5,363,655,518
			<b>Total</b>	<b>2,792,182,237</b>	<b>31,149,179,424</b>	<b>28,356,997,187</b>

Source: SMUD

Outreach methods will include collaborating with site hosts, vendors, and stakeholders to develop a Community Engagement Plan, and training MFH site managers on equipment operation and serving as the point of contact for residents. SMUD will conduct a pre-deployment resident survey to establish baselines for existing EV knowledge, ownership or interest, current charging behaviors and solutions, intent to transition, and EV-supportive incentives. Additional surveys will be conducted following project completion and during project operation.

### **The Regents of the University of California, Santa Barbara**

The Regents of the University of California, Santa Barbara’s (UCSB’s) proposed project, “Equitable Charging Access for Renters in the 805 Region (E-CAR 805) Project,” will install 379 Level 1 and Level 2 charging ports at 67 sites in the tri-county region of San Luis Obispo, Santa Barbara, and Ventura Counties. Of all the charging ports, 61 percent are located onsite at the MFH, while the remaining charging ports are within a quarter mile of the MFH they serve. As residents shift from internal combustion engine vehicles to EVs, UCSB expects the project to reduce GHG emissions by 4,941 MT CO<sub>2e</sub> over the six-year project timeframe (Table 7).

**Table 7: UCSB Emissions Reductions Estimate**

NOx (g)	Reactive Organic Gas (g)	PM10 (g)	PM2.5 (lb)	SOx (g)	GHG (MT CO <sub>2e</sub> )
1,659,117	2,447,307	121,888	52,937	52,050	4,941

Source: UCSB

Outreach methods led by the County of Ventura and Community Environmental Council will include bilingual and expanded language-accessible education materials to provide information on environmental health benefits and impacts of EV adoption and charging stations. Outreach will be delivered through EV showcases, signage and information displays, webinars, pre- and post-project surveys, and engagement with MFH resident advisory councils. The project will utilize Ecology Action's "EVs Para Todos — EVs for Everyone," a guidance program to purchase EVs for low- to moderate-income households.

# CHAPTER 3:

## Location Analysis

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This LHI Report identifies projects located in high-risk communities, using staff's adaptation of the Environmental Justice Screening Method (EJSM).<sup>5</sup> *High-risk communities* are those with social vulnerability indicators, high exposure to pollution, and greater health risks. This LHI Report is not intended to be a detailed pollution analysis of proposed projects, nor is it intended to substitute for the environmental review conducted as part of the California Environmental Quality Act (CEQA).

CEC staff identifies high-risk community project locations using data from the California Air Resources Board (CARB), the U.S. Census Bureau, and public agencies. CEC staff analyzes the data to assign EJ indicators for each project location specified in the report. The proposed project location must meet a two-part environmental and demographic standard to be considered in a high-risk community.

### Part 1: Environmental Standard

Communities meet the environmental standard if they have a high concentration of air pollutants. These pollutants include ozone, particulate matter 2.5 microns in diameter or smaller (PM<sub>2.5</sub>), or particulate matter 10 microns in diameter or smaller (PM<sub>10</sub>). The environmental standard uses CARB air quality monitoring data on the nonattainment<sup>6</sup> status of these pollutants.

Using 2022 data,<sup>7</sup> all projects are in communities that meet the environmental standard since they are within a nonattainment zone for ozone, PM<sub>2.5</sub>, or PM<sub>10</sub>. This finding indicates that there may be existing poor air quality where the proposed projects are located.

### Part 2: Demographic Standard

Communities meet the demographic standard if they have two or more EJ indicators for minority, age, poverty, and unemployment. Staff defines the EJ indicator thresholds as:

1. A minority subset that represents more than 30 percent of a given city's population.

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5 Pastor Jr., Manuel (University of Southern California), Rachel Morello-Frosch (University of California, Berkeley), and James Sadd (Occidental College). 2010. [\*Air Pollution and Environmental Justice: Integrating Indicators of Cumulative Impact and Socio-Economic Vulnerability Into Regulatory Decision-Making\*](#). California Air Resources Board. Accessed February 20, 2024. Available at <https://ww2.arb.ca.gov/sites/default/files/classic/research/apr/past/04-308.pdf>

6 A *nonattainment* area is a geographic area that does not meet the Ambient Air Quality Standards (state, national, or both) for a given pollutant. See "[Maps of State and Federal Area Designations](#)." California Air Resources Board. Accessed February 20, 2024. Available at <https://ww2.arb.ca.gov/resources/documents/maps-state-and-federal-area-designations>.

7 Ibid.

2. The percentage of people living in a city who are younger than 5 years of age, or who are 65 years of age or older, is more than 1.2 times (more than 20 percent higher than) the state average for those categories.
3. A city's poverty rate that exceeds the state average poverty rate.
4. The city (or county if city data are unavailable) unemployment rate exceeds the average state unemployment rate.

The demographic standard uses the U.S. Census Bureau's American Community Survey five-year estimates<sup>8</sup> on race, ethnicity, age, and poverty, and the California Employment Development Department's monthly data<sup>9</sup> on unemployment. Specifically, this LHI Report uses city-level<sup>10</sup> and county-level<sup>11</sup> unemployment data. Unemployment data are not seasonally adjusted.

## Analysis Results

Staff finds that 52 of the 105 communities where these projects are located meet the criteria for high-risk communities since they meet both the environmental and demographic standards. In Table 8, a **bold** number followed by an asterisk (\*) indicates categories that exceed a given EJ indicator threshold. A city/county name in **bold**, followed by a dagger (†), indicates a high-risk community.

**Table 8: EJ Indicators by Project Location City Demographic**

Site Location	American Indian and Alaska Native (2022)	Asian (2022)	Black or African American (2022)	Hispanic or Latino (Any Race) (2022)	Native Hawaiian and Pacific Islander (2022)	Under 5 Years of Age (2022)	65 Years of Age and Over (2022)	Below Poverty Level (2022)	Unemployment (December 2023)
California	<b>1.0%</b>	<b>15.1%</b>	<b>5.6%</b>	<b>39.7%</b>	<b>0.4%</b>	<b>5.7%</b>	<b>14.9%</b>	<b>12.1%</b>	<b>5.1%</b>
EJ Indicator Threshold	<b>30.0%</b>	<b>30.0%</b>	<b>30.0%</b>	<b>30.0%</b>	<b>30.0%</b>	<b>6.8%</b>	<b>17.9%</b>	<b>12.1%</b>	<b>5.1%</b>
Alameda	0.4%	<b>31.4%*</b>	6.9%	12.1%	0.5%	6.2%	17.0%	7.1%	4.3%

8 American Community Survey codes DP05 and S1701 were used to find data. See "[Explore Census Data](#)." U.S. Census Bureau. Accessed February 16, 2024. Available at <https://data.census.gov/cedsci/>.

9 Overview page with data from most recent and previous months: "[Unemployment Rate and Labor Force](#)." Employment Development Department. Accessed February 16, 2024. Available at <https://labormarketinfo.edd.ca.gov/data/unemployment-and-labor-force.html>.

10 Most recent data only: "[Monthly Labor Force Data for Cities and Census Designated Places \(CDP\)](#)." Employment Development Department. Accessed February 16, 2024. Available at <https://labormarketinfo.edd.ca.gov/file/lfmonth/allsubs.xls>.

11 Most recent data only: "[Monthly Labor Force Data for Counties](#)." Employment Development Department. Accessed February 16, 2024. Available at <https://labormarketinfo.edd.ca.gov/file/lfmonth/countyur-400c.pdf>.

Site Location	American Indian and Alaska Native (2022)	Asian (2022)	Black or African American (2022)	Hispanic or Latino (Any Race) (2022)	Native Hawaiian and Pacific Islander (2022)	Under 5 Years of Age (2022)	65 Years of Age and Over (2022)	Below Poverty Level (2022)	Unemployment (December 2023)
Alameda County	0.9%	<b>32.1%*</b>	10.2%	22.2%	0.8%	5.4%	14.6%	9.2%	4.5%
<b>Arden-Arcade CDP†</b>	0.5%	11.9%	8.4%	21.1%	0.5%	6.6%	16.6%	<b>19.3%*</b>	<b>5.4%*</b>
Arroyo Grande	0.6%	3.6%	0.5%	16.1%	0.1%	4.5%	<b>24.3%*</b>	6.0%	1.6%
Beverly Hills	0.1%	12.1%	1.7%	7.1%	0.0%	2.7%	<b>24.2%*</b>	10.2%	4.3%
<b>Bostonia CDP†</b>	1.5%	5.0%	6.9%	28.2%	0.0%	6.8%	15.1%	<b>14.4%*</b>	<b>5.5%*</b>
<b>Camarillo†</b>	0.7%	10.1%	3.5%	<b>31.3%*</b>	0.3%	6.3%	<b>21.2%*</b>	7.4%	3.7%
Cambria CDP	0.4%	0.3%	0.2%	27.4%	0.0%	3.7%	<b>40.5%*</b>	8.6%	3.7%
<b>Capitola†</b>	0.4%	5.7%	0.0%	27.2%	0.2%	2.8%	<b>25.6%*</b>	<b>15.0%*</b>	3.3%
Carmichael CDP	0.5%	7.7%	5.9%	15.4%	0.7%	5.3%	<b>20.3%*</b>	12.0%	4.4%
<b>Carpinteria†</b>	0.0%	2.4%	0.9%	<b>43.1%*</b>	0.0%	6.2%	<b>21.6%*</b>	5.4%	4.4%
Carson	0.6%	25.5%	22.5%	<b>40.3%*</b>	1.9%	4.5%	17.2%	9.2%	4.9%
Chula Vista	0.8%	15.5%	5.2%	<b>60.2%*</b>	0.4%	5.7%	12.2%	8.8%	4.8%
Citrus Heights	0.7%	4.6%	3.0%	19.7%	0.2%	5.2%	17.3%	10.1%	4.5%
Concord	0.9%	13.7%	3.8%	<b>31.2%*</b>	0.2%	6.7%	15.8%	9.2%	3.9%
Contra Costa County	0.7%	18.3%	8.7%	26.4%	0.5%	5.4%	16.4%	8.3%	4.5%
<b>Daly City†</b>	0.9%	<b>58.9%*</b>	2.9%	21.0%	1.2%	4.1%	<b>19.5%*</b>	7.6%	3.2%
Davis	0.6%	25.2%	2.4%	14.2%	0.3%	3.2%	13.3%	<b>26.3%*</b>	3.3%
Del Aire CDP	1.0%	15.9%	3.3%	<b>45.2%*</b>	0.0%	6.7%	15.2%	7.3%	2.7%
<b>El Cajon†</b>	0.6%	4.2%	6.3%	28.3%	0.7%	<b>7.0%*</b>	13.5%	<b>18.9%*</b>	4.6%
<b>El Paso de Robles†</b>	1.8%	3.9%	0.5%	<b>33.7%*</b>	0.0%	6.1%	<b>19.5%*</b>	11.0%	3.5%

Site Location	American Indian and Alaska Native (2022)	Asian (2022)	Black or African American (2022)	Hispanic or Latino (Any Race) (2022)	Native Hawaiian and Pacific Islander (2022)	Under 5 Years of Age (2022)	65 Years of Age and Over (2022)	Below Poverty Level (2022)	Unemployment (December 2023)
El Rio CDP†	5.1%	0.2%	0.4%	<b>85.0%*</b>	0.0%	4.0%	11.1%	<b>17.8%*</b>	<b>10.7%*</b>
El Sobrante CDP	0.5%	16.9%	9.4%	29.8%	1.9%	4.3%	<b>18.4%*</b>	9.6%	3.2%
Escondido†	1.6%	6.4%	2.2%	<b>52.0%*</b>	0.5%	6.6%	14.1%	<b>13.2%*</b>	4.1%
Fremont	0.5%	<b>61.8%*</b>	3.2%	12.0%	0.7%	5.8%	13.0%	5.3%	4.2%
Fresno†	1.3%	14.1%	6.6%	<b>50.5%*</b>	0.2%	<b>7.5%*</b>	11.9%	<b>22.1%*</b>	<b>6.4%*</b>
Fresno County†	1.3%	10.7%	4.5%	<b>54.2%*</b>	0.2%	<b>7.2%*</b>	12.5%	<b>19.5%*</b>	<b>8.2%*</b>
Galt†	0.7%	3.9%	2.3%	<b>42.8%*</b>	0.2%	5.4%	14.5%	7.2%	<b>6.4%*</b>
Gardena	1.0%	24.6%	19.8%	<b>42.7%*</b>	0.1%	4.5%	16.5%	11.1%	4.7%
Glendale†	0.4%	13.7%	1.8%	18.9%	0.2%	4.9%	<b>18.4%*</b>	<b>13.4%*</b>	4.9%
Goleta	0.7%	10.6%	2.6%	<b>36.4%*</b>	0.0%	5.2%	14.8%	11.5%	2.7%
Grover Beach†	0.7%	2.9%	1.4%	<b>32.9%*</b>	0.4%	5.6%	<b>18.5%*</b>	10.6%	2.4%
Guadalupe†	1.1%	2.4%	0.3%	<b>90.4%*</b>	0.9%	<b>10.3%*</b>	9.1%	<b>27.6%*</b>	<b>5.6%*</b>
Hayward	1.2%	29.6%	9.0%	<b>39.7%*</b>	2.4%	5.5%	13.2%	9.6%	4.8%
Huntington Beach	0.5%	12.5%	1.2%	19.7%	0.5%	4.7%	<b>18.7%*</b>	7.3%	3.7%
Imperial Beach†	0.7%	7.1%	4.6%	<b>52.8%*</b>	0.2%	<b>7.0%*</b>	11.4%	<b>15.3%*</b>	<b>5.3%*</b>
Inglewood†	1.0%	2.7%	<b>39.5%*</b>	<b>49.3%*</b>	0.3%	5.5%	13.0%	<b>15.4%*</b>	<b>5.5%*</b>
Isla Vista CDP†	0.8%	16.6%	5.6%	20.8%	0.3%	0.1%	2.1%	<b>72.4%*</b>	<b>11.0%*</b>
Lafayette	0.1%	10.3%	0.6%	7.5%	0.0%	4.5%	<b>19.4%*</b>	4.6%	3.9%
Long Beach†	1.3%	12.7%	12.0%	<b>44.1%*</b>	0.6%	5.4%	12.5%	<b>15.1%*</b>	4.8%
Los Angeles†	1.0%	11.8%	8.6%	<b>48.1%*</b>	0.1%	5.3%	13.4%	<b>16.6%*</b>	<b>5.2%*</b>
Los Angeles County†	1.1%	14.8%	7.9%	<b>48.7%*</b>	0.2%	5.4%	14.2%	<b>13.7%*</b>	5.0%

Site Location	American Indian and Alaska Native (2022)	Asian (2022)	Black or African American (2022)	Hispanic or Latino (Any Race) (2022)	Native Hawaiian and Pacific Islander (2022)	Under 5 Years of Age (2022)	65 Years of Age and Over (2022)	Below Poverty Level (2022)	Unemployment (December 2023)
Los Osos CDP	0.5%	4.3%	0.6%	18.3%	0.2%	5.7%	<b>26.6%*</b>	9.4%	3.6%
<b>Madera County†</b>	1.3%	2.3%	2.6%	<b>59.7%*</b>	0.1%	<b>6.9%*</b>	14.2%	<b>20.1%*</b>	<b>7.9%*</b>
<b>Manteca†</b>	0.9%	14.4%	3.4%	<b>40.0%*</b>	1.6%	6.8%	13.6%	10.0%	<b>5.6%*</b>
Martinez	0.8%	10.5%	3.0%	19.4%	0.0%	<b>7.1%*</b>	17.6%	5.3%	4.0%
<b>Merced County†</b>	1.2%	7.3%	3.0%	<b>61.9%*</b>	0.3%	<b>7.3%*</b>	11.4%	<b>18.5%*</b>	<b>10.2%*</b>
<b>Modesto†</b>	1.4%	7.7%	4.6%	<b>42.6%*</b>	1.0%	<b>6.9%*</b>	13.9%	<b>13.8%*</b>	<b>6.4%*</b>
<b>Monterey County†</b>	0.8%	5.9%	2.2%	<b>59.9%*</b>	0.5%	6.7%	14.3%	<b>12.3%*</b>	<b>8.6%*</b>
Moorpark	0.8%	6.9%	2.6%	<b>33.2%*</b>	0.0%	5.8%	14.3%	4.0%	3.7%
<b>Morro Bay†</b>	0.6%	5.4%	0.2%	14.1%	0.0%	3.1%	<b>28.6%*</b>	9.8%	<b>7.0%*</b>
Murrieta	0.4%	8.1%	5.5%	<b>34.5%*</b>	0.4%	6.7%	12.3%	6.6%	4.2%
<b>National City†</b>	0.5%	17.1%	4.4%	<b>64.9%*</b>	0.6%	5.5%	14.9%	<b>14.1%*</b>	<b>5.3%*</b>
Oakland	1.2%	15.9%	21.8%	26.6%	0.5%	5.7%	14.1%	<b>13.2%*</b>	5.1%
<b>Oceano CDP†</b>	0.6%	1.2%	1.7%	<b>43.0%*</b>	0.0%	<b>7.0%*</b>	<b>26.5%*</b>	<b>13.6%*</b>	2.2%
Orange County	0.6%	21.7%	1.7%	<b>33.9%*</b>	0.3%	5.5%	15.4%	9.7%	3.8%
<b>Orcutt CDP†</b>	1.3%	3.8%	1.6%	<b>30.5%*</b>	0.1%	5.3%	<b>19.5%*</b>	6.2%	3.2%
<b>Oxnard†</b>	2.7%	6.7%	2.0%	<b>75.8%*</b>	0.4%	6.3%	10.8%	10.7%	<b>5.5%*</b>
<b>Palm Springs†</b>	1.0%	5.2%	5.7%	23.3%	0.2%	1.9%	<b>33.2%*</b>	<b>13.9%*</b>	4.4%
<b>Parkway CDP†</b>	1.2%	17.8%	19.0%	<b>44.4%*</b>	1.3%	6.7%	12.1%	<b>20.9%*</b>	<b>7.4%*</b>
Pleasant Hill	0.3%	16.8%	4.4%	13.9%	0.7%	5.0%	17.4%	6.4%	4.4%
Ramona CDP	1.1%	2.3%	1.3%	<b>38.6%*</b>	0.0%	5.8%	14.7%	5.5%	3.0%
Rancho Cordova	1.4%	15.1%	10.9%	21.4%	0.7%	<b>7.2%*</b>	12.1%	11.6%	4.6%



Site Location	American Indian and Alaska Native (2022)	Asian (2022)	Black or African American (2022)	Hispanic or Latino (Any Race) (2022)	Native Hawaiian and Pacific Islander (2022)	Under 5 Years of Age (2022)	65 Years of Age and Over (2022)	Below Poverty Level (2022)	Unemployment (December 2023)
Redlands	0.5%	8.6%	5.1%	<b>37.6%*</b>	0.5%	6.0%	15.2%	8.6%	3.9%
<b>Riverside County†</b>	1.0%	6.9%	6.5%	<b>50.8%*</b>	0.3%	6.0%	14.8%	11.4%	<b>5.2%*</b>
Rohnert Park	1.3%	5.8%	3.9%	<b>31.0%*</b>	0.6%	6.2%	14.1%	9.7%	3.9%
Sacramento	0.8%	19.5%	12.6%	29.4%	1.8%	6.0%	13.8%	<b>14.8%*</b>	5.0%
Sacramento County	0.7%	17.2%	9.6%	24.0%	1.1%	6.1%	14.6%	<b>13.1%*</b>	4.7%
<b>San Benito County†</b>	1.9%	3.2%	1.0%	<b>61.4%*</b>	0.2%	6.2%	13.2%	7.5%	<b>6.6%*</b>
<b>San Bernardino County†</b>	1.2%	7.8%	7.9%	<b>55.0%*</b>	0.3%	6.6%	11.9%	<b>13.8%*</b>	5.0%
<b>San Buenaventura (Ventura)†</b>	1.1%	4.5%	1.6%	<b>35.6%*</b>	0.1%	4.9%	<b>18.1%*</b>	9.6%	4.1%
San Diego	0.6%	17.4%	5.9%	<b>30.1%*</b>	0.4%	5.4%	13.8%	11.4%	4.2%
<b>San Joaquin County†</b>	1.0%	17.2%	7.0%	<b>42.5%*</b>	0.6%	6.7%	13.0%	<b>12.9%*</b>	<b>6.8%*</b>
<b>San Jose†</b>	0.8%	<b>38.1%*</b>	2.9%	<b>30.8%*</b>	0.5%	5.4%	13.7%	7.9%	4.1%
San Luis Obispo	0.5%	5.5%	1.3%	17.9%	0.1%	2.9%	13.5%	<b>31.5%*</b>	3.2%
San Mateo	1.0%	27.0%	1.9%	24.7%	1.4%	6.0%	16.4%	7.3%	3.3%
San Mateo County	0.9%	<b>30.5%*</b>	2.3%	23.9%	1.2%	5.3%	16.9%	6.4%	3.2%
<b>San Miguel CDP†</b>	12.5%	1.0%	1.4%	<b>73.4%*</b>	0.0%	3.8%	4.4%	<b>29.9%*</b>	<b>6.0%*</b>
<b>San Rafael†</b>	0.9%	6.3%	1.6%	<b>32.5%*</b>	0.2%	3.9%	<b>20.7%*</b>	8.9%	3.4%
<b>Santa Barbara†</b>	0.8%	3.7%	1.4%	<b>36.1%*</b>	0.1%	4.9%	<b>19.9%*</b>	<b>13.0%*</b>	3.1%
<b>Santa Barbara County†</b>	1.4%	5.5%	1.9%	<b>46.6%*</b>	0.1%	6.0%	15.9%	<b>13.5%*</b>	4.5%
Santa Clara	0.3%	<b>47.2%*</b>	2.3%	15.3%	0.8%	6.0%	11.3%	8.0%	3.5%

Site Location	American Indian and Alaska Native (2022)	Asian (2022)	Black or African American (2022)	Hispanic or Latino (Any Race) (2022)	Native Hawaiian and Pacific Islander (2022)	Under 5 Years of Age (2022)	65 Years of Age and Over (2022)	Below Poverty Level (2022)	Unemployment (December 2023)
Santa Clara County	0.7%	<b>38.9%*</b>	2.4%	24.9%	0.4%	5.5%	14.1%	6.9%	3.9%
Santa Clarita	0.8%	11.0%	4.2%	<b>36.7%*</b>	0.4%	6.7%	12.4%	8.0%	4.7%
<b>Santa Cruz County†</b>	0.9%	4.9%	1.1%	<b>34.2%*</b>	0.2%	4.6%	17.7%	11.4%	<b>6.6%*</b>
<b>Santa Maria†</b>	2.0%	4.7%	1.3%	<b>77.8%*</b>	0.0%	<b>9.2%*</b>	10.7%	<b>13.5%*</b>	<b>7.3%*</b>
<b>Santa Rosa†</b>	1.1%	6.2%	1.8%	<b>34.0%*</b>	0.4%	5.0%	<b>18.3%*</b>	10.0%	4.0%
Saranap CDP	1.4%	15.4%	2.7%	15.3%	0.0%	<b>7.2%*</b>	16.6%	3.4%	4.5%
Simi Valley	0.7%	11.5%	1.0%	26.2%	0.2%	4.5%	16.5%	7.0%	3.9%
Solano County	0.7%	15.7%	13.2%	28.0%	1.0%	5.8%	16.5%	9.0%	5.1%
Soquel CDP	0.5%	3.9%	0.3%	20.9%	0.0%	4.7%	<b>21.7%*</b>	6.3%	4.6%
South San Francisco	0.6%	<b>43.4%*</b>	1.9%	29.1%	0.8%	4.5%	17.3%	6.8%	3.4%
South Whittier CDP	1.4%	6.4%	0.9%	<b>78.9%*</b>	0.4%	6.2%	10.9%	7.7%	3.7%
<b>Stanislaus County†</b>	1.2%	6.0%	2.8%	<b>48.6%*</b>	0.6%	<b>6.9%*</b>	13.3%	<b>13.7%*</b>	<b>6.9%*</b>
Sunnyvale	0.5%	<b>49.6%*</b>	1.2%	16.7%	0.1%	6.7%	12.5%	5.3%	3.3%
Temecula	0.6%	11.3%	3.9%	28.6%	0.4%	6.6%	11.7%	7.8%	4.3%
<b>Temple City†</b>	0.4%	<b>65.5%*</b>	0.5%	17.7%	0.6%	5.5%	<b>18.6%*</b>	10.1%	4.0%
Templeton CDP	0.1%	1.3%	0.0%	16.6%	0.0%	2.9%	<b>20.6%*</b>	5.4%	4.7%
Union City	0.7%	<b>55.8%*</b>	4.8%	20.1%	0.8%	4.6%	17.9%	6.6%	4.4%
<b>University of California-Santa Barbara CDP†</b>	0.6%	<b>32.3%*</b>	1.1%	18.3%	0.6%	1.4%	0.5%	<b>12.5%*</b>	4.5%
Vacaville	0.8%	9.8%	8.4%	26.1%	0.8%	5.9%	14.6%	6.9%	4.3%
Ventura County	1.3%	7.2%	1.8%	<b>43.6%*</b>	0.2%	5.4%	16.3%	9.0%	4.7%

Site Location	American Indian and Alaska Native (2022)	Asian (2022)	Black or African American (2022)	Hispanic or Latino (Any Race) (2022)	Native Hawaiian and Pacific Islander (2022)	Under 5 Years of Age (2022)	65 Years of Age and Over (2022)	Below Poverty Level (2022)	Unemployment (December 2023)
Walnut Creek	0.3%	16.5%	2.5%	10.4%	0.4%	4.8%	<b>29.3%*</b>	5.7%	4.3%
<b>West Hollywood†</b>	0.3%	4.7%	4.1%	13.2%	0.1%	2.0%	15.1%	<b>12.7%*</b>	<b>6.4%*</b>
<b>West Sacramento†</b>	0.7%	12.3%	4.9%	<b>33.7%*</b>	0.8%	6.2%	11.1%	<b>14.3%*</b>	4.5%

Sources: CEC staff, Employment Development Department, and U.S. Census Bureau

## Summary

If funded, the proposed projects would result in an expanded supply of conveniently accessible EV charging for multi-family housing residents. This expansion will achieve emissions reductions by encouraging MFH residents to switch from internal combustion vehicles to EVs.

Based on EJSM standards, CEC staff has identified 52 of the 105 communities where these projects are located as high-risk communities. These communities are at a higher risk of adverse health effects from pollution. However, staff found no indication that the projects identified in this LHI Report would negatively affect community health. Staff does not anticipate a significant increase in local pollutants, and the project awardees identify no major construction that would generate criteria emissions or pollutants. These proposed projects may create a net benefit for the communities by reducing harmful criteria air pollutants, toxic air contaminants, and GHGs that contribute to climate change.

# APPENDIX A:

## Project Details with EJ Indicators

Proposed Awardee	Project Title	Project Location*	EJ Indicator(s)
Chargie LLC Northern	Replicable and Reliable Charging for Multi-Family Communities in Northern California	1201 Monte Diablo Ave, San Mateo, CA 94401	none
Chargie LLC Northern	Replicable and Reliable Charging for Multi-Family Communities in Northern California	141 Flora Ave, Walnut Creek, CA 94595 (Saranap CDP)	Age
Chargie LLC Northern	Replicable and Reliable Charging for Multi-Family Communities in Northern California	1448 Madison St, Oakland, CA 94612	Poverty
Chargie LLC Northern	Replicable and Reliable Charging for Multi-Family Communities in Northern California	1540 Valdora St, Davis, CA 95618	Poverty
Chargie LLC Northern	Replicable and Reliable Charging for Multi-Family Communities in Northern California	1617 Valdora St, Davis, CA 95618	Poverty
Chargie LLC Northern	Replicable and Reliable Charging for Multi-Family Communities in Northern California	1659 Drew Cir, Davis, CA 95616	Poverty
Chargie LLC Northern	Replicable and Reliable Charging for Multi-Family Communities in Northern California	1660 Drew Cir, Davis, CA 95618	Poverty
Chargie LLC Northern	Replicable and Reliable Charging for Multi-Family Communities in Northern California	1801 Jefferson St, Oakland, CA 94612	Poverty

<b>Proposed Awardee</b>	<b>Project Title</b>	<b>Project Location*</b>	<b>EJ Indicator(s)</b>
Chargie LLC Northern	Replicable and Reliable Charging for Multi-Family Communities in Northern California	2055 Range Ave, Santa Rosa, CA 94501	Age, Minority
Chargie LLC Northern	Replicable and Reliable Charging for Multi-Family Communities in Northern California	2130 N Marks Ave, Fresno, CA 93722	Age, Minority, Poverty, Unemployment
Chargie LLC Northern	Replicable and Reliable Charging for Multi-Family Communities in Northern California	2200 Standiford Ave, Modesto, CA 95350	Age, Minority, Poverty, Unemployment
Chargie LLC Northern	Replicable and Reliable Charging for Multi-Family Communities in Northern California	23924 2nd St, Hayward, CA 94541	Minority
Chargie LLC Northern	Replicable and Reliable Charging for Multi-Family Communities in Northern California	3081 N Main St, Walnut Creek, CA 94597	Age
Chargie LLC Northern	Replicable and Reliable Charging for Multi-Family Communities in Northern California	320 Grand St, Alameda, CA 94501	Minority
Chargie LLC Northern	Replicable and Reliable Charging for Multi-Family Communities in Northern California	324 Kitty Hawk Rd, Alameda, CA 94501	Minority
Chargie LLC Northern	Replicable and Reliable Charging for Multi-Family Communities in Northern California	333 Enterprise Dr, Rohnert Park, CA 94928	Minority
Chargie LLC Northern	Replicable and Reliable Charging for Multi-Family Communities in Northern California	3599 Pennsylvania Ave, Fremont, CA 94536	Minority

<b>Proposed Awardee</b>	<b>Project Title</b>	<b>Project Location*</b>	<b>EJ Indicator(s)</b>
Chargie LLC Northern	Replicable and Reliable Charging for Multi-Family Communities in Northern California	400 Canal St, San Rafael, CA 94901	Age, Minority
Chargie LLC Northern	Replicable and Reliable Charging for Multi-Family Communities in Northern California	400 Cypress Ave, South San Francisco, CA 94080	Minority
Chargie LLC Northern	Replicable and Reliable Charging for Multi-Family Communities in Northern California	401 Westacre Rd, West Sacramento, CA 95691	Minority, Poverty
Chargie LLC Northern	Replicable and Reliable Charging for Multi-Family Communities in Northern California	4481-4489 Appian Wy, El Sobrante, CA 94803	Age
Chargie LLC Northern	Replicable and Reliable Charging for Multi-Family Communities in Northern California	4619 Brunswick St, Daly City, CA 94014	Age, Minority
Chargie LLC Northern	Replicable and Reliable Charging for Multi-Family Communities in Northern California	4849 Manzanita Ave, Carmichael, CA 95608	Age
Chargie LLC Northern	Replicable and Reliable Charging for Multi-Family Communities in Northern California	490 W McKinley Ave, Sunnyvale, CA 94086	Minority
Chargie LLC Northern	Replicable and Reliable Charging for Multi-Family Communities in Northern California	550 Berry Ave, Hayward, CA 94544	Minority
Chargie LLC Northern	Replicable and Reliable Charging for Multi-Family Communities in Northern California	555 Elmira Rd, Vacaville, CA 95687	none

<b>Proposed Awardee</b>	<b>Project Title</b>	<b>Project Location*</b>	<b>EJ Indicator(s)</b>
Chargie LLC Northern	Replicable and Reliable Charging for Multi-Family Communities in Northern California	574 Button Ave, Manteca, CA 95336	Minority, Unemployment
Chargie LLC Northern	Replicable and Reliable Charging for Multi-Family Communities in Northern California	600 Rohnert Park Expy West, Rohnert Park, CA 94928	Minority
Chargie LLC Northern	Replicable and Reliable Charging for Multi-Family Communities in Northern California	6413 Tupelo Dr, Citrus Heights, CA 95621	none
Chargie LLC Northern	Replicable and Reliable Charging for Multi-Family Communities in Northern California	720 Tennyson Rd, Hayward, CA 94541	Minority
Chargie LLC Northern	Replicable and Reliable Charging for Multi-Family Communities in Northern California	802 S First St, San Jose, CA 95110	Minority
Chargie LLC Northern	Replicable and Reliable Charging for Multi-Family Communities in Northern California	868 S 5th St, San Jose, CA 95112	Minority
Chargie LLC Northern	Replicable and Reliable Charging for Multi-Family Communities in Northern California	935 Willowleaf Dr, San Jose, CA 95128	Minority
Chargie LLC Southern	Replicable and Reliable Charging for Multi-Family Communities in Southern California	11622 Aviation Blvd, Inglewood, CA 90304 (Del Aire CDP)	Minority
Chargie LLC Southern	Replicable and Reliable Charging for Multi-Family Communities in Southern California	13 Tennessee St, Redlands, CA 92373	Minority

<b>Proposed Awardee</b>	<b>Project Title</b>	<b>Project Location*</b>	<b>EJ Indicator(s)</b>
Chargie LLC Southern	Replicable and Reliable Charging for Multi-Family Communities in Southern California	1425 N Crescent Heights Blvd, West Hollywood, CA 90046	Poverty, Unemployment
Chargie LLC Southern	Replicable and Reliable Charging for Multi-Family Communities in Southern California	1514 Patricia Ave, Simi Valley, CA 93065	none
Chargie LLC Southern	Replicable and Reliable Charging for Multi-Family Communities in Southern California	1666 West 158th St, Gardena, CA 90247	Minority
Chargie LLC Southern	Replicable and Reliable Charging for Multi-Family Communities in Southern California	18005 W Annes Cir, Santa Clarita, CA 91387	Minority
Chargie LLC Southern	Replicable and Reliable Charging for Multi-Family Communities in Southern California	18414 Jakes Way, Santa Clarita, CA 91351	Minority
Chargie LLC Southern	Replicable and Reliable Charging for Multi-Family Communities in Southern California	19132 Magnolia St, Huntington Beach, CA 92646	Age
Chargie LLC Southern	Replicable and Reliable Charging for Multi-Family Communities in Southern California	201 W Vineyard Ave, Oxnard, CA 93036	Minority, Unemployment
Chargie LLC Southern	Replicable and Reliable Charging for Multi-Family Communities in Southern California	21050 Kittridge St, Canoga Park, CA 91303 (Los Angeles)	Minority, Poverty, Unemployment
Chargie LLC Southern	Replicable and Reliable Charging for Multi-Family Communities in Southern California	215 E Regent St, Inglewood, CA 90301	Minority, Poverty, Unemployment



<b>Proposed Awardee</b>	<b>Project Title</b>	<b>Project Location*</b>	<b>EJ Indicator(s)</b>
Chargie LLC Southern	Replicable and Reliable Charging for Multi-Family Communities in Southern California	23700 Valle Del Oro, Santa Clarita, CA 91321	Minority
Chargie LLC Southern	Replicable and Reliable Charging for Multi-Family Communities in Southern California	272 S Rexford Dr, Beverly Hills, CA 90212	Age
Chargie LLC Southern	Replicable and Reliable Charging for Multi-Family Communities in Southern California	300 S Moorpark Ave, Moorpark, CA 93021	Minority
Chargie LLC Southern	Replicable and Reliable Charging for Multi-Family Communities in Southern California	40680 Walsh Center Dr, Murrieta, CA 92562	Minority
Chargie LLC Southern	Replicable and Reliable Charging for Multi-Family Communities in Southern California	42670 Moraga Rd, Temecula, CA 92591	none
Chargie LLC Southern	Replicable and Reliable Charging for Multi-Family Communities in Southern California	428 N Palm Dr, Beverly Hills, CA 90210	Age
Chargie LLC Southern	Replicable and Reliable Charging for Multi-Family Communities in Southern California	5425 Santa Anita Ave, Temple City, CA 91780	Age, Minority
Chargie LLC Southern	Replicable and Reliable Charging for Multi-Family Communities in Southern California	555 East Carson St, Carson, CA 90745	Minority
Chargie LLC Southern	Replicable and Reliable Charging for Multi-Family Communities in Southern California	600 East Ocean Blvd, Long Beach, CA 90802	Minority, Poverty

<b>Proposed Awardee</b>	<b>Project Title</b>	<b>Project Location*</b>	<b>EJ Indicator(s)</b>
Chargie LLC Southern	Replicable and Reliable Charging for Multi-Family Communities in Southern California	653 Lantana St, Camarillo, CA 93010	Age, Minority
Chargie LLC Southern	Replicable and Reliable Charging for Multi-Family Communities in Southern California	935 Westbourne Dr, Hollywood, CA 90069 (West Hollywood)	Poverty, Unemployment
Chargie LLC Southern	Replicable and Reliable Charging for Multi-Family Communities in Southern California	949 Larrabee St, West Hollywood, CA 90069	Poverty, Unemployment
County of Los Angeles	Expanding Equitable Regional Access to Clean Transportation	10850 Laurel Ave, Whittier, CA 90605 (South Whittier CDP)	Minority
County of Los Angeles	Expanding Equitable Regional Access to Clean Transportation	Deployment Target Area: Los Angeles County	Minority, Poverty
County of Los Angeles	Expanding Equitable Regional Access to Clean Transportation	Deployment Target Area: Orange County	Minority
County of Los Angeles	Expanding Equitable Regional Access to Clean Transportation	Deployment Target Area: Riverside County	Minority, Unemployment
County of Los Angeles	Expanding Equitable Regional Access to Clean Transportation	Deployment Target Area: San Bernardino County	Minority, Poverty
County of Los Angeles	Expanding Equitable Regional Access to Clean Transportation	Deployment Target Area: Santa Barbara County	Minority, Poverty
County of Los Angeles	Expanding Equitable Regional Access to Clean Transportation	Deployment Target Area: Ventura County	Minority
Ecology Action of Santa Cruz	Multifamily Housing EV Accelerator 2.0	Deployment Target Area: Alameda County	Minority
Ecology Action of Santa Cruz	Multifamily Housing EV Accelerator 2.0	Deployment Target Area: Contra Costa County	none

<b>Proposed Awardee</b>	<b>Project Title</b>	<b>Project Location*</b>	<b>EJ Indicator(s)</b>
Ecology Action of Santa Cruz	Multifamily Housing EV Accelerator 2.0	Deployment Target Area: Fresno County	Age, Minority, Poverty, Unemployment
Ecology Action of Santa Cruz	Multifamily Housing EV Accelerator 2.0	Deployment Target Area: Madera County	Age, Minority, Poverty, Unemployment
Ecology Action of Santa Cruz	Multifamily Housing EV Accelerator 2.0	Deployment Target Area: Merced County	Age, Minority, Poverty, Unemployment
Ecology Action of Santa Cruz	Multifamily Housing EV Accelerator 2.0	Deployment Target Area: Monterey County	Minority, Poverty, Unemployment
Ecology Action of Santa Cruz	Multifamily Housing EV Accelerator 2.0	Deployment Target Area: Sacramento County	Poverty
Ecology Action of Santa Cruz	Multifamily Housing EV Accelerator 2.0	Deployment Target Area: San Benito County	Minority, Unemployment
Ecology Action of Santa Cruz	Multifamily Housing EV Accelerator 2.0	Deployment Target Area: San Joaquin County	Minority, Poverty, Unemployment
Ecology Action of Santa Cruz	Multifamily Housing EV Accelerator 2.0	Deployment Target Area: San Mateo County	Minority
Ecology Action of Santa Cruz	Multifamily Housing EV Accelerator 2.0	Deployment Target Area: Santa Clara County	Minority
Ecology Action of Santa Cruz	Multifamily Housing EV Accelerator 2.0	Deployment Target Area: Santa Cruz County	Minority, Unemployment
Ecology Action of Santa Cruz	Multifamily Housing EV Accelerator 2.0	Deployment Target Area: Solano County	none
Ecology Action of Santa Cruz	Multifamily Housing EV Accelerator 2.0	Deployment Target Area: Stanislaus County	Age, Minority, Poverty, Unemployment
EVE Energy Ventures DBA Xeal Energy	Sustainable, Equitable, and Reliable Vehicle Electrification (SERVE - SD)	1070–1090 E Washington Ave, Escondido, CA 92025	Minority, Poverty
EVE Energy Ventures DBA Xeal Energy	Sustainable, Equitable, and Reliable Vehicle Electrification (SERVE - SD)	411 14th St, Ramona, CA 92065	Minority
EVE Energy Ventures DBA Xeal Energy	Sustainable, Equitable, and Reliable Vehicle Electrification (SERVE - SD)	118 14th St, Ramona, CA 92065	Minority

<b>Proposed Awardee</b>	<b>Project Title</b>	<b>Project Location*</b>	<b>EJ Indicator(s)</b>
EVE Energy Ventures DBA Xeal Energy	Sustainable, Equitable, and Reliable Vehicle Electrification (SERVE - SD)	1204 N Escondido Blvd, Escondido, CA 92026	Minority, Poverty
EVE Energy Ventures DBA Xeal Energy	Sustainable, Equitable, and Reliable Vehicle Electrification (SERVE - SD)	1294 N Mollison Ave, El Cajon, CA 92021	Age, Poverty
EVE Energy Ventures DBA Xeal Energy	Sustainable, Equitable, and Reliable Vehicle Electrification (SERVE - SD)	130–158 Calle Primera, San Ysidro, CA 92173 (San Diego)	Minority
EVE Energy Ventures DBA Xeal Energy	Sustainable, Equitable, and Reliable Vehicle Electrification (SERVE - SD)	1440 2nd Ave, Chula Vista, CA 91911	Minority
EVE Energy Ventures DBA Xeal Energy	Sustainable, Equitable, and Reliable Vehicle Electrification (SERVE - SD)	1471 Grove Ave, Imperial Beach, CA 91932	Age, Minority, Poverty, Unemployment
EVE Energy Ventures DBA Xeal Energy	Sustainable, Equitable, and Reliable Vehicle Electrification (SERVE - SD)	151 Gayland St, Escondido, CA 92027	Minority, Poverty
EVE Energy Ventures DBA Xeal Energy	Sustainable, Equitable, and Reliable Vehicle Electrification (SERVE - SD)	202–208 W San Ysidro Blvd, San Ysidro, CA 92173 (San Diego)	Minority
EVE Energy Ventures DBA Xeal Energy	Sustainable, Equitable, and Reliable Vehicle Electrification (SERVE - SD)	203 Laurel Ave, National City, CA 91950	Minority, Poverty, Unemployment
EVE Energy Ventures DBA Xeal Energy	Sustainable, Equitable, and Reliable Vehicle Electrification (SERVE - SD)	240 W Calle Primera, San Ysidro, CA 92173 (San Diego)	Minority
EVE Energy Ventures DBA Xeal Energy	Sustainable, Equitable, and Reliable Vehicle Electrification (SERVE - SD)	2500 B Ave, National City, CA 91950	Minority, Poverty, Unemployment
EVE Energy Ventures DBA Xeal Energy	Sustainable, Equitable, and Reliable Vehicle Electrification (SERVE - SD)	3235 Armstrong St, San Diego, CA 92111	Minority
EVE Energy Ventures DBA Xeal Energy	Sustainable, Equitable, and Reliable Vehicle Electrification (SERVE - SD)	325 E Bradley Ave, El Cajon, CA 92021 (Bostonia CDP)	Poverty, Unemployment
EVE Energy Ventures DBA Xeal Energy	Sustainable, Equitable, and Reliable Vehicle Electrification (SERVE - SD)	346 Jamacha Rd, El Cajon, CA 92019	Age, Poverty

<b>Proposed Awardee</b>	<b>Project Title</b>	<b>Project Location*</b>	<b>EJ Indicator(s)</b>
EVE Energy Ventures DBA Xeal Energy	Sustainable, Equitable, and Reliable Vehicle Electrification (SERVE - SD)	3502 Angelucci St, San Diego, CA 92111	Minority
EVE Energy Ventures DBA Xeal Energy	Sustainable, Equitable, and Reliable Vehicle Electrification (SERVE - SD)	425 16th St, Ramona, CA 92065	Minority
EVE Energy Ventures DBA Xeal Energy	Sustainable, Equitable, and Reliable Vehicle Electrification (SERVE - SD)	466 W Washington Ave, El Cajon, CA 92021	Age, Poverty
EVE Energy Ventures DBA Xeal Energy	Sustainable, Equitable, and Reliable Vehicle Electrification (SERVE - SD)	511 14th St, Ramona, CA 92065	Minority
EVE Energy Ventures DBA Xeal Energy	Sustainable, Equitable, and Reliable Vehicle Electrification (SERVE - SD)	740–786 E Mission Ave and 825–829 E Mission Ave, Escondido, CA 92025	Minority, Poverty
EVE Energy Ventures DBA Xeal Energy	Sustainable, Equitable, and Reliable Vehicle Electrification (SERVE - SD)	810–850 Juniper St, Escondido, CA 92025	Minority, Poverty
EVE Energy Ventures DBA Xeal Energy	Sustainable, Equitable, and Reliable Vehicle Electrification (SERVE - SD)	984 and 989 Peach Ave, El Cajon, CA 92026	Age, Poverty
EVIUM Charging LLC North	EVIUM CHARGING LLC's Proposal for REACH 2.0 NORTHERN CA Region	1495 Don Ave, Santa Clara, CA 95050	Minority
EVIUM Charging LLC North	EVIUM CHARGING LLC's Proposal for REACH 2.0 NORTHERN CA Region	1745 46th Ave, Capitola, CA 95010	Age, Poverty
EVIUM Charging LLC North	EVIUM CHARGING LLC's Proposal for REACH 2.0 NORTHERN CA Region	6351 Country Club Dr, Rohnert Park, CA 94928	Minority
EVIUM Charging LLC North	EVIUM CHARGING LLC's Proposal for REACH 2.0 NORTHERN CA Region	90 F St, Martinez, CA 94553	Age
EVIUM Charging South	EVIUM CHARGING LLC's Proposal for REACH 2.0 SOUTHERN CA Region	201 S 4th St, San Jose, CA 95112	Minority

<b>Proposed Awardee</b>	<b>Project Title</b>	<b>Project Location*</b>	<b>EJ Indicator(s)</b>
EVIUM Charging South	EVIUM CHARGING LLC's Proposal for REACH 2.0 SOUTHERN CA Region	3470 Carter Dr, San Francisco, CA 94080 (South San Francisco)	Minority
EVIUM Charging South	EVIUM CHARGING LLC's Proposal for REACH 2.0 SOUTHERN CA Region	3880 Callan Blvd, South San Francisco, CA 94080	Minority
EVIUM Charging South	EVIUM CHARGING LLC's Proposal for REACH 2.0 SOUTHERN CA Region	4220 Clayton Rd, Concord, CA 94521	Minority
EVIUM Charging South	EVIUM CHARGING LLC's Proposal for REACH 2.0 SOUTHERN CA Region	5480 Lean Ave, San Jose, CA 95123	Minority
GoPowerEV Inc Norcal	NorCal-GoPowerEV	1460 Contra Costa Blvd, Pleasant Hill, CA 94523	none
GoPowerEV Inc Norcal	NorCal-GoPowerEV	1489 Fruitdale Ave, San Jose, CA 95128	Minority
GoPowerEV Inc Norcal	NorCal-GoPowerEV	154 Revey Ave, San Jose, CA 95128	Minority
GoPowerEV Inc Norcal	NorCal-GoPowerEV	1820 Rumrill Blvd, San Pablo, CA 94806 (Soquel CDP)	Age
GoPowerEV Inc Norcal	NorCal-GoPowerEV	2838 Park Ave, Soquel, CA 95073	Age
GoPowerEV Inc Norcal	NorCal-GoPowerEV	3470 Mt Diablo Blvd, Lafayette, CA 94549	Age
GoPowerEV Inc Norcal	NorCal-GoPowerEV	434 Central Ave, Alameda, CA 94502	Minority
GoPowerEV Inc Norcal	NorCal-GoPowerEV	603 A St, Hayward, CA 94587 (Union City)	Age, Minority
GoPowerEV Inc Norcal	NorCal-GoPowerEV	800 J St, Sacramento, CA 95814	Poverty
GoPowerEV Inc. SoCal	SoCal-GoPowerEV	1035 S Berendo St, Los Angeles, CA 90006	Minority, Poverty, Unemployment
GoPowerEV Inc. SoCal	SoCal-GoPowerEV	1055 S Mariposa Ave, Los Angeles, CA 90006	Minority, Poverty, Unemployment
GoPowerEV Inc. SoCal	SoCal-GoPowerEV	1060 N Sierra Bonita Ave, West Hollywood, CA 90046	Poverty, Unemployment

<b>Proposed Awardee</b>	<b>Project Title</b>	<b>Project Location*</b>	<b>EJ Indicator(s)</b>
GoPowerEV Inc. SoCal	SoCal-GoPowerEV	1125 N Detroit St, West Hollywood, CA 90046	Poverty, Unemployment
GoPowerEV Inc. SoCal	SoCal-GoPowerEV	1145 N La Brea Ave, West Hollywood, CA 90038	Poverty, Unemployment
GoPowerEV Inc. SoCal	SoCal-GoPowerEV	1155 N Detroit St, Los Angeles, CA 90046 (West Hollywood)	Poverty, Unemployment
GoPowerEV Inc. SoCal	SoCal-GoPowerEV	1212 N Detroit St, West Hollywood, CA 90046	Poverty, Unemployment
GoPowerEV Inc. SoCal	SoCal-GoPowerEV	1217 N Laurel Ave, West Hollywood, CA 90046	Poverty, Unemployment
GoPowerEV Inc. SoCal	SoCal-GoPowerEV	1225 S Vermont Ave, Los Angeles, CA 90006	Minority, Poverty, Unemployment
GoPowerEV Inc. SoCal	SoCal-GoPowerEV	1234 N Hayworth Ave, West Hollywood, CA 90046	Poverty, Unemployment
GoPowerEV Inc. SoCal	SoCal-GoPowerEV	1250 S Westmoreland Ave, Los Angeles, CA 90006	Minority, Poverty, Unemployment
GoPowerEV Inc. SoCal	SoCal-GoPowerEV	12520 Pacific Ave, Los Angeles, CA 90066	Minority, Poverty, Unemployment
GoPowerEV Inc. SoCal	SoCal-GoPowerEV	1255 Elden Ave, Los Angeles, CA 90006	Minority, Poverty, Unemployment
GoPowerEV Inc. SoCal	SoCal-GoPowerEV	1260 N Harper Ave, West Hollywood, CA 90046	Poverty, Unemployment
GoPowerEV Inc. SoCal	SoCal-GoPowerEV	1276-1280 Harper Ave, West Hollywood, CA 90046	Poverty, Unemployment
GoPowerEV Inc. SoCal	SoCal-GoPowerEV	1325 Ingraham St, Los Angeles, CA 90017	Minority, Poverty, Unemployment
GoPowerEV Inc. SoCal	SoCal-GoPowerEV	1435 Havenhurst Dr, Los Angeles, CA 90046	Minority, Poverty, Unemployment
GoPowerEV Inc. SoCal	SoCal-GoPowerEV	1438 Miramar St, Los Angeles, CA 90026	Minority, Poverty, Unemployment
GoPowerEV Inc. SoCal	SoCal-GoPowerEV	1441 W 3rd St, Los Angeles, CA 90017	Minority, Poverty, Unemployment

<b>Proposed Awardee</b>	<b>Project Title</b>	<b>Project Location*</b>	<b>EJ Indicator(s)</b>
GoPowerEV Inc. SoCal	SoCal-GoPowerEV	1479 S Palm Canyon Dr, Palm Springs, CA 92264	Age, Poverty
GoPowerEV Inc. SoCal	SoCal-GoPowerEV	2232 W 24th St, Los Angeles, CA 90018	Minority, Poverty, Unemployment
GoPowerEV Inc. SoCal	SoCal-GoPowerEV	700 Orange Grove Ave, Glendale, CA 91205	Age, Poverty
GoPowerEV Inc. SoCal	SoCal-GoPowerEV	7214 Fountain Ave, West Hollywood, CA 90046	Poverty, Unemployment
GoPowerEV Inc. SoCal	SoCal-GoPowerEV	7292 Fountain Ave, West Hollywood, CA 90046	Poverty, Unemployment
GoPowerEV Inc. SoCal	SoCal-GoPowerEV	7302 Santa Monica Blvd, West Hollywood, CA 90046	Poverty, Unemployment
GoPowerEV Inc. SoCal	SoCal-GoPowerEV	7719 Willoughby Ave, West Hollywood, CA 90046	Poverty, Unemployment
GoPowerEV Inc. SoCal	SoCal-GoPowerEV	903 N Genesee Ave, West Hollywood, CA 90046	Poverty, Unemployment
GoPowerEV Inc. SoCal	SoCal-GoPowerEV	8410 South Figueroa St, Los Angeles, CA 90003	Minority, Poverty, Unemployment
GoPowerEV Inc. SoCal	SoCal-GoPowerEV	914 N Wetherly Dr, West Hollywood, CA 90069	Poverty, Unemployment
Sacramento Municipal Utility District	Multifamily EV Charging Community	10055 Terra Loma Dr, Rancho Cordova, CA 95670	Age
Sacramento Municipal Utility District	Multifamily EV Charging Community	10833 Folsom Blvd, Rancho Cordova, CA 95670	Age
Sacramento Municipal Utility District	Multifamily EV Charging Community	1201 Fulton Ave, Sacramento, CA 95825 (Arden-Arcade CDP)	Poverty, Unemployment
Sacramento Municipal Utility District	Multifamily EV Charging Community	1503 Fulton Ave, Sacramento, CA 95825 (Arden-Arcade CDP)	Poverty, Unemployment
Sacramento Municipal Utility District	Multifamily EV Charging Community	2223 Capitol Ave, Sacramento, CA 95816	Poverty



<b>Proposed Awardee</b>	<b>Project Title</b>	<b>Project Location*</b>	<b>EJ Indicator(s)</b>
Sacramento Municipal Utility District	Multifamily EV Charging Community	2345 Northrop Ave, Sacramento, CA 95825 (Arden-Arcade CDP)	Poverty, Unemployment
Sacramento Municipal Utility District	Multifamily EV Charging Community	2450 Natomas Park Dr, Sacramento, CA 95833	Poverty
Sacramento Municipal Utility District	Multifamily EV Charging Community	2480 Sierra Blvd, Sacramento, CA 95825 (Arden-Arcade CDP)	Poverty, Unemployment
Sacramento Municipal Utility District	Multifamily EV Charging Community	2533 Del Paso Blvd, Sacramento, CA 95815	Poverty
Sacramento Municipal Utility District	Multifamily EV Charging Community	2801 Meadowview Rd, Sacramento, CA 95823	Poverty
Sacramento Municipal Utility District	Multifamily EV Charging Community	4211 Norwood Ave, Sacramento, CA 95838	Poverty
Sacramento Municipal Utility District	Multifamily EV Charging Community	434 T St, Sacramento, CA 95811	Poverty
Sacramento Municipal Utility District	Multifamily EV Charging Community	4461 Manzanita Ave, Carmichael, CA 95608	Age
Sacramento Municipal Utility District	Multifamily EV Charging Community	4th St Promenade (401 4th St), Galt, CA 95632	Minority, Unemployment
Sacramento Municipal Utility District	Multifamily EV Charging Community	5434 Garfield, Sacramento, CA 95841 (Carmichael CDP)	Age
Sacramento Municipal Utility District	Multifamily EV Charging Community	5737 Angelina Ave, Carmichael, CA 95608	Age
Sacramento Municipal Utility District	Multifamily EV Charging Community	6418 Stockton Blvd, Sacramento, CA 95823	Poverty
Sacramento Municipal Utility District	Multifamily EV Charging Community	3845 Marysville Blvd, Sacramento, CA 95838	Poverty
Sacramento Municipal Utility District	Multifamily EV Charging Community	6449 Riverside Blvd, Sacramento, CA 95831	Poverty
Sacramento Municipal Utility District	Multifamily EV Charging Community	6930 Fair Oaks Blvd, Carmichael, CA 95608	Age
Sacramento Municipal Utility District	Multifamily EV Charging Community	722 Woodside Ln E, Sacramento, CA 95825 (Arden-Arcade CDP)	Poverty, Unemployment

<b>Proposed Awardee</b>	<b>Project Title</b>	<b>Project Location*</b>	<b>EJ Indicator(s)</b>
Sacramento Municipal Utility District	Multifamily EV Charging Community	7474 La Mancha Wy, Sacramento, CA 95823 (Parkway CDP)	Minority, Poverty, Unemployment
Sacramento Municipal Utility District	Multifamily EV Charging Community	7541 Ramona Ln, Citrus Heights, CA 95610	none
Sacramento Municipal Utility District	Multifamily EV Charging Community	7581 Grant Line Rd, Rancho Cordova, CA 95742 (Sacramento County)	Poverty
Sacramento Municipal Utility District	Multifamily EV Charging Community	851 Commons Dr, Sacramento, CA 95825	Poverty
Sacramento Municipal Utility District	Multifamily EV Charging Community	924 San Juan Rd, Sacramento, CA 95834	Poverty
The Regents of the University of California, Santa Barbara	Equitable Charging Access for Renters in the 805 Region (E-CAR 805) Project	10 Longshore Place, Goleta, CA 93117	Minority
The Regents of the University of California, Santa Barbara	Equitable Charging Access for Renters in the 805 Region (E-CAR 805) Project	1035 Peterson Ranch Rd, Templeton, CA 93465	Age
The Regents of the University of California, Santa Barbara	Equitable Charging Access for Renters in the 805 Region (E-CAR 805) Project	1072 K St, San Miguel, CA 93451	Minority, Poverty, Unemployment
The Regents of the University of California, Santa Barbara	Equitable Charging Access for Renters in the 805 Region (E-CAR 805) Project	1111 E Mason St, Santa Barbara, CA 93103	Age, Minority, Poverty
The Regents of the University of California, Santa Barbara	Equitable Charging Access for Renters in the 805 Region (E-CAR 805) Project	1134 Black Oak Dr, Paso Robles, CA 93446 (El Paso de Robles)	Age, Minority
The Regents of the University of California, Santa Barbara	Equitable Charging Access for Renters in the 805 Region (E-CAR 805) Project	1148 W Boone St, Santa Maria, CA 93458	Age, Minority, Poverty, Unemployment
The Regents of the University of California, Santa Barbara	Equitable Charging Access for Renters in the 805 Region (E-CAR 805) Project	119 Juniper St, Arroyo Grande, CA 93420	Age
The Regents of the University of California, Santa Barbara	Equitable Charging Access for Renters in the 805 Region (E-CAR 805) Project	1241 Cypress Point Ln, Ventura, CA 93003 (San Buenaventura)	Age, Minority

<b>Proposed Awardee</b>	<b>Project Title</b>	<b>Project Location*</b>	<b>EJ Indicator(s)</b>
The Regents of the University of California, Santa Barbara	Equitable Charging Access for Renters in the 805 Region (E-CAR 805) Project	1305 Dahlia Ct, Carpinteria, CA 93013	Age, Minority
The Regents of the University of California, Santa Barbara	Equitable Charging Access for Renters in the 805 Region (E-CAR 805) Project	133 W Santa Clara St Entrance A & B, Ventura, CA 93001 (San Buenaventura)	Age, Minority
The Regents of the University of California, Santa Barbara	Equitable Charging Access for Renters in the 805 Region (E-CAR 805) Project	1345 Ella St, San Luis Obispo, CA 93401	Poverty
The Regents of the University of California, Santa Barbara	Equitable Charging Access for Renters in the 805 Region (E-CAR 805) Project	1363 Pismo St, San Luis Obispo, CA 93401	Poverty
The Regents of the University of California, Santa Barbara	Equitable Charging Access for Renters in the 805 Region (E-CAR 805) Project	1405 Cypress Point Ln, Ventura, CA 93003 (San Buenaventura)	Age, Minority
The Regents of the University of California, Santa Barbara	Equitable Charging Access for Renters in the 805 Region (E-CAR 805) Project	150 S Courtland St, Arroyo Grande, CA 93420	Age
The Regents of the University of California, Santa Barbara	Equitable Charging Access for Renters in the 805 Region (E-CAR 805) Project	155 S Kellogg Ave, Goleta, CA 93117	Minority
The Regents of the University of California, Santa Barbara	Equitable Charging Access for Renters in the 805 Region (E-CAR 805) Project	1625 Robbins St, Santa Barbara, CA 93101	Age, Minority, Poverty
The Regents of the University of California, Santa Barbara	Equitable Charging Access for Renters in the 805 Region (E-CAR 805) Project	1655 Front St, Oceano, CA 93475	Age, Minority, Poverty
The Regents of the University of California, Santa Barbara	Equitable Charging Access for Renters in the 805 Region (E-CAR 805) Project	167 South Palm St, Ventura, CA 93001 (San Buenaventura)	Age, Minority
The Regents of the University of California, Santa Barbara	Equitable Charging Access for Renters in the 805 Region (E-CAR 805) Project	175 S La Cumbre Ln, Santa Barbara, CA 93105	Age, Minority, Poverty
The Regents of the University of California, Santa Barbara	Equitable Charging Access for Renters in the 805 Region (E-CAR 805) Project	1750 Bishop St, San Luis Obispo, CA 93401	Poverty

<b>Proposed Awardee</b>	<b>Project Title</b>	<b>Project Location*</b>	<b>EJ Indicator(s)</b>
The Regents of the University of California, Santa Barbara	Equitable Charging Access for Renters in the 805 Region (E-CAR 805) Project	1934 Elise Wy, Santa Barbara, CA 93109	Age, Minority, Poverty
The Regents of the University of California, Santa Barbara	Equitable Charging Access for Renters in the 805 Region (E-CAR 805) Project	2121 Ferrell St, Los Osos, CA 93402	Age
The Regents of the University of California, Santa Barbara	Equitable Charging Access for Renters in the 805 Region (E-CAR 805) Project	219 Meigs Rd, Santa Barbara, CA 93109	Age, Minority, Poverty
The Regents of the University of California, Santa Barbara	Equitable Charging Access for Renters in the 805 Region (E-CAR 805) Project	219-255 N Garden St, Ventura, CA 93001 (San Buenaventura)	Age, Minority
The Regents of the University of California, Santa Barbara	Equitable Charging Access for Renters in the 805 Region (E-CAR 805) Project	22 Parking Structure, Santa Barbara, CA 93106 (Isla Vista CDP)	Poverty, Unemployment
The Regents of the University of California, Santa Barbara	Equitable Charging Access for Renters in the 805 Region (E-CAR 805) Project	224 S Halcyon Rd, Arroyo Grande, CA 93420	Age
The Regents of the University of California, Santa Barbara	Equitable Charging Access for Renters in the 805 Region (E-CAR 805) Project	2240 E Gonzales Rd, Oxnard, CA 93036	Minority, Unemployment
The Regents of the University of California, Santa Barbara	Equitable Charging Access for Renters in the 805 Region (E-CAR 805) Project	2255 Modoc Rd, Santa Barbara, CA 93101	Age, Minority, Poverty
The Regents of the University of California, Santa Barbara	Equitable Charging Access for Renters in the 805 Region (E-CAR 805) Project	230 Calle Cesar E Chavez, Guadalupe, CA 93434	Age, Minority, Poverty, Unemployment
The Regents of the University of California, Santa Barbara	Equitable Charging Access for Renters in the 805 Region (E-CAR 805) Project	280 E Newlove Dr, Santa Maria, CA 93454	Age, Minority, Poverty, Unemployment
The Regents of the University of California, Santa Barbara	Equitable Charging Access for Renters in the 805 Region (E-CAR 805) Project	2820 Jourdan St, Oxnard, CA 93036 (El Rio CDP)	Minority, Poverty, Unemployment
The Regents of the University of California, Santa Barbara	Equitable Charging Access for Renters in the 805 Region (E-CAR 805) Project	2835 Schoolhouse Ln, Cambia, CA 93428	Age
The Regents of the University of California, Santa Barbara	Equitable Charging Access for Renters in the 805 Region (E-CAR 805) Project	290 Parkview South, Orcutt, CA 93455	Age, Minority

<b>Proposed Awardee</b>	<b>Project Title</b>	<b>Project Location*</b>	<b>EJ Indicator(s)</b>
The Regents of the University of California, Santa Barbara	Equitable Charging Access for Renters in the 805 Region (E-CAR 805) Project	2940 Spring St, Paso Robles, CA 93446 (El Paso de Robles)	Age, Minority
The Regents of the University of California, Santa Barbara	Equitable Charging Access for Renters in the 805 Region (E-CAR 805) Project	300 Hillmont Ave, Ventura, CA 93003 (San Buenaventura)	Age, Minority
The Regents of the University of California, Santa Barbara	Equitable Charging Access for Renters in the 805 Region (E-CAR 805) Project	336 W Flint St, Ventura, CA 93001 (San Buenaventura)	Age, Minority
The Regents of the University of California, Santa Barbara	Equitable Charging Access for Renters in the 805 Region (E-CAR 805) Project	369 Paseo de Playa, Ventura, CA 93001 (San Buenaventura)	Age, Minority
The Regents of the University of California, Santa Barbara	Equitable Charging Access for Renters in the 805 Region (E-CAR 805) Project	3931 Via Diego, Santa Barbara, CA 93110	Age, Minority, Poverty
The Regents of the University of California, Santa Barbara	Equitable Charging Access for Renters in the 805 Region (E-CAR 805) Project	400 Oak Hill Rd, Paso Robles, CA 93446 (El Paso de Robles)	Age, Minority
The Regents of the University of California, Santa Barbara	Equitable Charging Access for Renters in the 805 Region (E-CAR 805) Project	4090 Via Real, Carpinteria, CA 93013	Age, Minority
The Regents of the University of California, Santa Barbara	Equitable Charging Access for Renters in the 805 Region (E-CAR 805) Project	410 W Anapamu St, Santa Barbara, CA 93101	Age, Minority, Poverty
The Regents of the University of California, Santa Barbara	Equitable Charging Access for Renters in the 805 Region (E-CAR 805) Project	416 E Cota St, Santa Barbara, CA 93101	Age, Minority, Poverty
The Regents of the University of California, Santa Barbara	Equitable Charging Access for Renters in the 805 Region (E-CAR 805) Project	4206 11th St, Guadalupe, CA 93434	Age, Minority, Poverty, Unemployment
The Regents of the University of California, Santa Barbara	Equitable Charging Access for Renters in the 805 Region (E-CAR 805) Project	456 Elena St, Morro Bay, CA 93442	Age, Unemployment
The Regents of the University of California, Santa Barbara	Equitable Charging Access for Renters in the 805 Region (E-CAR 805) Project	505 Storke Rd, Goleta, CA 93117 (Santa Barbara County)	Minority, Poverty
The Regents of the University of California, Santa Barbara	Equitable Charging Access for Renters in the 805 Region (E-CAR 805) Project	512 Bath St, Santa Barbara, CA 93101	Age, Minority, Poverty

<b>Proposed Awardee</b>	<b>Project Title</b>	<b>Project Location*</b>	<b>EJ Indicator(s)</b>
The Regents of the University of California, Santa Barbara	Equitable Charging Access for Renters in the 805 Region (E-CAR 805) Project	519 La Cumbre Rd, Santa Barbara, CA 93110	Age, Minority, Poverty
The Regents of the University of California, Santa Barbara	Equitable Charging Access for Renters in the 805 Region (E-CAR 805) Project	525 South Russell Ave, Santa Maria, CA 93458	Age, Minority, Poverty, Unemployment
The Regents of the University of California, Santa Barbara	Equitable Charging Access for Renters in the 805 Region (E-CAR 805) Project	55 Willett St, Ventura, CA 93001 (San Buenaventura)	Age, Minority
The Regents of the University of California, Santa Barbara	Equitable Charging Access for Renters in the 805 Region (E-CAR 805) Project	5525 Ralston St, Ventura, CA 93001 (San Buenaventura)	Age, Minority
The Regents of the University of California, Santa Barbara	Equitable Charging Access for Renters in the 805 Region (E-CAR 805) Project	555 Storke Rd, Goleta, CA 93117 (Santa Barbara County)	Minority, Poverty
The Regents of the University of California, Santa Barbara	Equitable Charging Access for Renters in the 805 Region (E-CAR 805) Project	611/633 Brizzolara St, San Luis Obispo, CA 93401	Poverty
The Regents of the University of California, Santa Barbara	Equitable Charging Access for Renters in the 805 Region (E-CAR 805) Project	6510 El Colegio Rd, Goleta, CA 93117 (University of California-Santa Barbara CDP)	Minority, Poverty
The Regents of the University of California, Santa Barbara	Equitable Charging Access for Renters in the 805 Region (E-CAR 805) Project	665 Sierra Madre Ave, Santa Maria, CA 93454	Age, Minority, Poverty, Unemployment
The Regents of the University of California, Santa Barbara	Equitable Charging Access for Renters in the 805 Region (E-CAR 805) Project	6700 Telephone Rd, Ventura, CA 93003 (San Buenaventura)	Age, Minority
The Regents of the University of California, Santa Barbara	Equitable Charging Access for Renters in the 805 Region (E-CAR 805) Project	6822 Phelps Rd, Goleta, CA 93117	Minority
The Regents of the University of California, Santa Barbara	Equitable Charging Access for Renters in the 805 Region (E-CAR 805) Project	700 E Anapamu St, Santa Barbara, CA 93103	Age, Minority, Poverty
The Regents of the University of California, Santa Barbara	Equitable Charging Access for Renters in the 805 Region (E-CAR 805) Project	721 E Cota St, Santa Barbara, CA 93103	Age, Minority, Poverty

<b>Proposed Awardee</b>	<b>Project Title</b>	<b>Project Location*</b>	<b>EJ Indicator(s)</b>
The Regents of the University of California, Santa Barbara	Equitable Charging Access for Renters in the 805 Region (E-CAR 805) Project	783 N Ventura Ave, Ventura, CA 93001 (San Buenaventura)	Age, Minority
The Regents of the University of California, Santa Barbara	Equitable Charging Access for Renters in the 805 Region (E-CAR 805) Project	800 S Victoria Ave, Ventura, CA 93003 (San Buenaventura)	Age, Minority
The Regents of the University of California, Santa Barbara	Equitable Charging Access for Renters in the 805 Region (E-CAR 805) Project	808/826 Front St, Grover Beach, CA 93433	Age, Minority
The Regents of the University of California, Santa Barbara	Equitable Charging Access for Renters in the 805 Region (E-CAR 805) Project	81 W Ramona Ave, Ventura, CA 93001 (San Buenaventura)	Age, Minority
The Regents of the University of California, Santa Barbara	Equitable Charging Access for Renters in the 805 Region (E-CAR 805) Project	855 Partridge Dr, Ventura, CA 93003 (San Buenaventura)	Age, Minority
The Regents of the University of California, Santa Barbara	Equitable Charging Access for Renters in the 805 Region (E-CAR 805) Project	870 Front St, Grover Beach, CA 93433	Age, Minority
The Regents of the University of California, Santa Barbara	Equitable Charging Access for Renters in the 805 Region (E-CAR 805) Project	898 Guadalupe St, Guadalupe, CA 93434	Age, Minority, Poverty, Unemployment
The Regents of the University of California, Santa Barbara	Equitable Charging Access for Renters in the 805 Region (E-CAR 805) Project	922 Castillo, Santa Barbara, CA 93101	Age, Minority, Poverty
The Regents of the University of California, Santa Barbara	Equitable Charging Access for Renters in the 805 Region (E-CAR 805) Project	999 Las Tablas Rd, Templeton, CA 93465	Age

Sources: CEC staff, Charge LLC., County of Los Angeles, Ecology Action of Santa Cruz, Xeal Energy, EVIUM Charging LLC., GoPowerEV, Sacramento Municipal Utility District, and The Regents of the University of California, Santa Barbara.

\* In some cases, the city listed in the postal address for a project may differ from the geographic entity assigned by the U.S. Census Bureau. In these cases, the Census location (county, place, or Census Designated Place) used for EJ indicator analysis is listed in parentheses in the table below.

# GLOSSARY

<b>Term</b>	<b>Definition</b>
California Code of Regulations (CCR)	The official compilation and publication of the regulations adopted, amended, or repealed by state agencies under the Administrative Procedure Act (APA). Adopted regulations that have been filed with the Secretary of State have the force of law.
California Environmental Quality Act (CEQA)	A statute that requires state and local agencies to identify the significant environmental impacts of their actions and avoid or reduce those impacts, if feasible.
CalEnviroScreen	A screening tool that evaluates and ranks census tracts in California based on potential exposures to pollutants, adverse environmental conditions, socioeconomic factors, and prevalence of certain health conditions.
Carbon dioxide equivalent (CO <sub>2</sub> e)	A measure used to compare the emissions from various greenhouse gases based upon the associated global warming potential.
Carbon intensity (CI)	The amount of carbon by weight emitted per unit of energy consumed. A common measure of carbon intensity is weight of carbon per British thermal unit (Btu) of energy. When there is only one fossil fuel under consideration, the carbon intensity and the emissions coefficient are identical. When there are several fuels, carbon intensity is based on their combined emissions coefficients weighted by their energy consumption levels
Carbon monoxide (CO)	A colorless, odorless, highly poisonous gas formed by the incomplete combustion of certain fuels, including gasoline.
Census Designated Places	A statistical entity defined by the U.S. Bureau representing closely settled, unincorporated communities that are locally recognized and identified by name. The statistical equivalents of incorporated places.
Census Place	A legally bounded entity such as an incorporated city or a town with a functioning governmental structure.



<b>Term</b>	<b>Definition</b>
Criteria air pollutant	An air pollutant for which acceptable levels of exposure can be determined and for which the U.S. Environmental Protection Agency has set an ambient air quality standard. Examples include ozone (O <sub>3</sub> ), carbon monoxide (CO), nitrogen oxides (NO <sub>x</sub> ), sulfur oxides (SO <sub>x</sub> ), and particulate matter (PM <sub>10</sub> and PM <sub>2.5</sub> ).
Disadvantaged community	A designation by the California Environmental Protection Agency used to identify areas disproportionately affected by environmental pollution or hazards, due to geographic, socioeconomic, public health, and environmental factors.
Electric vehicle (EV)	A vehicle that is powered partly or completely by electricity. This often refers to battery-electric vehicles, which have no engine and store all the energy in batteries. The term can also include other vehicle types, such as plug-in hybrids.
Environmental justice (EJ)	The fair treatment and meaningful involvement of all people regardless of race, color, national origin, or income with respect to the development, implementation, and enforcement of environmental laws, regulations, and policies.
Environmental Justice Screening Method (EJSM)	An approach that combines environmental and demographic indicators to inform agency outreach and engagement practices regarding environmental justice.
Grant Funding Opportunity (GFO)	Where the California Energy Commission offers applicants an opportunity to receive grant funding for projects meeting certain requirements.
Greenhouse Gas (GHG)	Any gas that absorbs infra-red radiation in the atmosphere. Greenhouse gases include water vapor, carbon dioxide (CO <sub>2</sub> ), methane (CH <sub>4</sub> ), nitrous oxide (N <sub>2</sub> O), halogenated fluorocarbons (HCFCs), ozone (O <sub>3</sub> ), perfluorinated carbons (PFCs), and hydrofluorocarbons (HFCs).
Internal combustion engine	An engine in which fuel is burned inside the engine. A car's gasoline engine or rotary engine is an example of an internal combustion engine. It differs from engines having an external furnace, such as a steam engine.
Level 1 charger	The slowest category of electric vehicle charger. Level 1 uses alternating current (AC) at standard North American household voltage (for example, 120 volts).

<b>Term</b>	<b>Definition</b>
Level 2 charger	Medium-speed charger for electric vehicles. Level 2 uses alternating current (AC) at a higher voltage (for example, 240 volts) than Level 1, providing more power.
Localized health impacts (LHI)	Potential health impacts to communities.
Metric ton	A unit of weight equal to 1,000 kilograms or 2,205 pounds.
Nitrogen oxides (NO <sub>x</sub> )	A general term including nitric oxide (NO), nitrogen dioxide (NO <sub>2</sub> ), and other oxides of nitrogen. Nitrogen oxides are typically created during combustion processes and are major contributors to smog formation.
Notice of proposed awards (NOPA)	A document identifying projects that are proposed to receive funding under a California Energy Commission funding opportunity, such as a Grant Funding Opportunity.
Particulate matter (PM)	Any material besides pure water that exists in a solid or liquid state in the atmosphere. The size of particulate matter can vary from coarse, wind-blown dust particles to fine particles resulting from combustion.
PM <sub>2.5</sub>	Particulate matter with particles 2.5 microns in diameter or smaller. Also called "fine particulate matter."
PM <sub>10</sub>	Particulate matter with particles 10 microns in diameter or smaller. Also called "coarse particulate matter."
Reactive organic gas (ROG)	Closely related to the term "volatile organic compound" (VOC). ROGs are a group of chemical gases that may contribute to the formation of smog.
Sulfur oxides (SO <sub>x</sub> )	A group of pungent, colorless gases formed primarily by the combustion of sulfur-containing fossil fuels, especially coal and oil. Considered major air pollutants, sulfur oxides may impact human health and damage vegetation.
Toxic air contaminant	An air pollutant, identified in California Air Resources Board regulations, which may cause negative health effects even at very low concentrations.

**Term****Definition**

Volatile organic compound  
(VOC)

Closely related to the term “reactive organic gas” (ROG). VOCs are carbon-containing compounds that evaporate into the air (with a few exceptions), and often have an odor. VOCs contribute to the formation of smog, and/or may themselves be toxic. Some examples include gasoline, alcohol, and the solvents used in paints.

Sources: California Air Resources Board, CEC Energy Glossary, University of Michigan School of Public Health, and U.S. Environmental Protection Agency