



**CALIFORNIA  
ENERGY COMMISSION**



California Energy Commission

## **STAFF REPORT**

# **Localized Health Impacts Report**

**Addendum 1 for Selected Projects  
Awarded Funding Through the Clean  
Transportation Program Under  
Solicitation GFO-21-603 — Reliable,  
Equitable, and Accessible Charging  
for Multi-family Housing (REACH)**

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# California Energy Commission

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# ADDENDUM 1

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The Localized Health Impacts Report (LHI Report) for Grant Solicitation GFO-21-603 Reliable, Equitable, and Accessible Charging for Multi-family Housing (REACH) was posted May 2022 (CEC-600-2022-058).<sup>1</sup> Project changes have been proposed, which require new location analysis using the same overall approach to assess the localized health impacts.

The GFO-21-603 awardee ChargePoint, Inc (ChargePoint) proposes to replace six site locations submitted with their Northern California project application with nine new site locations. ChargePoint also proposes to replace five site locations submitted with their Southern California project application with six new site locations. 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 environmental justice (EJ) indicator analysis is listed in parentheses in the table below. The revised project site locations are described in Table 1, along with the EJ indicator analysis outcome.

**Table 1: Details of Revised Project Location with EJ Indicators**

| Awardee          | Project Title   | Revised Site Location                        | EJ Indicators for Revised Location |
|------------------|---|--|------------------------------------|
| ChargePoint, Inc | Replicable Approach to EV Charging for MFH Residents in Northern California | 240 3rd St, Oakland, CA 94607                | Poverty                            |
| ChargePoint, Inc | Replicable Approach to EV Charging for MFH Residents in Northern California | 415 E Taylor St, San Jose, CA 95112          | Minority                           |
| ChargePoint, Inc | Replicable Approach to EV Charging for MFH Residents in Northern California | 5300 Iron Horse Pkwy, Dublin, CA 94568       | Age, Minority                      |
| ChargePoint, Inc | Replicable Approach to EV Charging for MFH Residents in Northern California | 1063 Morse Ave, Sunnyvale, CA 94089          | Minority                           |
| ChargePoint, Inc | Replicable Approach to EV Charging for MFH Residents in Northern California | 6011 Shadow Lane, Citrus Heights, CA 95621   | None                               |
| ChargePoint, Inc | Replicable Approach to EV Charging for MFH Residents in Northern California | 1020 Kawana Springs Rd, Santa Rosa, CA 95404 | Age, Minority                      |
| ChargePoint, Inc | Replicable Approach to EV Charging for MFH Residents in Northern California | 961 Porter St, Vallejo, CA 94590             | Unemployment                       |

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<sup>1</sup> Tuggy, Benjamin. 2022. [Localized Health Impacts Report: Selected Projects Awarded Funding Through the Clean Transportation Program Under Solicitation GFO-21-603 Reliable, Equitable, and Accessible Charging for Multi-family Housing \(REACH\)](https://www.energy.ca.gov/publications/2022/localized-health-impacts-report-selected-projects-awarded-funding-through-clean-2). California Energy Commission, Fuels and Transportation Division. Publication Number: CEC-600-2022-058. Accessed August 27, 2024. Available at <https://www.energy.ca.gov/publications/2022/localized-health-impacts-report-selected-projects-awarded-funding-through-clean-2>.

| Awardee          | Project Title   | Revised Site Location                                      | EJ Indicators for Revised Location |
|------------------|---|--|------------------------------------|
| ChargePoint, Inc | Replicable Approach to EV Charging for MFH Residents in Northern California | 3644 Kings Way, Sacramento, CA 95821<br>(Arden-Arcade CDP) | Poverty, Unemployment              |
| ChargePoint, Inc | Replicable Approach to EV Charging for MFH Residents in Northern California | 3400 Richmond Pkwy, Richmond, CA 94806                     | Minority, Poverty                  |
| ChargePoint, Inc | Replicable Approach to EV Charging for MFH Residents in Southern California | 375 E Green St, Pasadena, CA 91101                         | Minority, Poverty, Unemployment    |
| ChargePoint, Inc | Replicable Approach to EV Charging for MFH Residents in Southern California | 7205 Hollywood Blvd, Los Angeles, CA 90046                 | Minority, Poverty, Unemployment    |
| ChargePoint, Inc | Replicable Approach to EV Charging for MFH Residents in Southern California | 740 S. Western Ave. Santa Maria, CA 93458                  | Age, Minority, Poverty             |
| ChargePoint, Inc | Replicable Approach to EV Charging for MFH Residents in Southern California | 45 Rincon Dr. Camarillo, CA 93012<br>(Ventura County)      | Minority                           |
| ChargePoint, Inc | Replicable Approach to EV Charging for MFH Residents in Southern California | 1600 Vine St, Los Angeles, CA 90028                        | Minority, Poverty, Unemployment    |
| ChargePoint, Inc | Replicable Approach to EV Charging for MFH Residents in Southern California | 3183 Wilshire Blvd, Los Angeles, CA 90010                  | Minority, Poverty, Unemployment    |

Source: California Energy Commission

## Air Quality and EJ Indicators

High-risk community project locations are identified using data from the California Air Resources Board (CARB), the U.S. Census Bureau, and other public agencies. The data are analyzed to assign EJ indicators for each project location, as shown in Table 1 with further detail in Table 2. A 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 less (PM<sub>2.5</sub>), or particulate matter 10 microns in diameter or less (PM<sub>10</sub>). The environmental standard uses CARB air-quality-monitoring data on nonattainment status for these pollutants.<sup>2</sup>

### 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:

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<sup>2</sup> A *nonattainment* area is a geographic area that does not meet state and/or national Ambient Air Quality Standards for a given pollutant. See “[Maps of State and Federal Area Designations](https://ww2.arb.ca.gov/resources/documents/maps-state-and-federal-area-designations),” California Air Resources Board. Accessed August 23, 2024. Available at <https://ww2.arb.ca.gov/resources/documents/maps-state-and-federal-area-designations>.

1. A minority subset represents more than 30 percent of a given city's population.
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 age categories.
3. A city's poverty rate exceeds the state average poverty rate.
4. The city (or county if city data are unavailable) unemployment rate exceeds the state average unemployment rate.

The demographic standard uses the U.S. Census Bureau's American Community Survey five-year estimates<sup>3</sup> on race, ethnicity, age, and poverty, and the California Employment Development Department's monthly data<sup>4</sup> on unemployment. Specifically, this LHI Report Addendum uses city-level<sup>5</sup> and county-level<sup>6</sup> unemployment data. Unemployment data are not seasonally adjusted.

## Analysis Results

All the proposed site locations 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 around the proposed project sites. Nine of the revised project locations also meet the demographic standard since they exceed the threshold for two or more EJ indicators (Table 2). Therefore, nine of the revised site locations are in a high-risk community.

In Table 2, 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 2: 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 (July 2024) |
|---------------|--|--------------|----------------------------------|--------------------------------------|---|-----------------------------|---------------------------------|----------------------------|--------------------------|
| 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>5.6%</b>              |

3 American Community Survey codes DP05 and S1701 were used to find data. See "[Explore Census Data](https://data.census.gov/cedsci/)." U.S. Census Bureau. Accessed August 23, 2024. Available at <https://data.census.gov/cedsci/>.

4 Overview page with data from most recent and previous months: "[Unemployment Rate and Labor Force](https://labormarketinfo.edd.ca.gov/data/unemployment-and-labor-force.html)." Employment Development Department. Accessed August 23, 2024. Available at <https://labormarketinfo.edd.ca.gov/data/unemployment-and-labor-force.html>.

5 Most recent data only: "[Monthly Labor Force Data for Cities and Census Designated Places \(CDP\)](https://labormarketinfo.edd.ca.gov/file/lfmonth/allsubs.xls)." Employment Development Department. Accessed August 23, 2024. Available at <https://labormarketinfo.edd.ca.gov/file/lfmonth/allsubs.xls>.

6 Most recent data only: "[Monthly Labor Force Data for Counties](https://labormarketinfo.edd.ca.gov/file/lfmonth/countyur-400c.pdf)." Employment Development Department. Accessed August 23, 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 (July 2024) |
|------------------------|--|--------------|----------------------------------|--------------------------------------|---|-----------------------------|---------------------------------|----------------------------|--------------------------|
| EJ Indicator Threshold | 30.0%                                    | 30.0%        | 30.0%                            | 30.0%                                | 30.0%                                       | 6.8%                        | 17.9%                           | 12.1%                      | 5.6%                     |
| Arden-Arcade CDP†      | 0.5%                                     | 11.9%        | 8.4%                             | 21.1%                                | 0.5%  | 6.6%                        | 16.6%                           | 19.3%*                     | 6.0%*                    |
| Citrus Heights         | 0.7%                                     | 4.6%         | 3.0%                             | 19.7%                                | 0.2%  | 5.2%                        | 17.3%                           | 10.1%                      | 4.9%                     |
| Dublin†                | 0.7%                                     | 53.5%*       | 4.3%                             | 10.1%                                | 0.4%  | 7.0%*                       | 9.6%                            | 3.9%                       | 4.7%                     |
| Los Angeles†           | 1.0%                                     | 11.8%        | 8.6%                             | 48.1%*                               | 0.1%  | 5.3%                        | 13.4%                           | 16.6%*                     | 6.6%*                    |
| Oakland                | 1.2%                                     | 15.9%        | 21.8%                            | 26.6%                                | 0.5%  | 5.7%                        | 14.1%                           | 13.2%*                     | 5.6%                     |
| Pasadena†              | 0.5%                                     | 17.8%        | 8.0%                             | 35.3%*                               | 0.1%  | 5.1%                        | 16.8%                           | 13.4%*                     | 5.8%*                    |
| Richmond†              | 1.2%                                     | 14.2%        | 18.3%                            | 44.0%*                               | 0.5%  | 5.4%                        | 14.3%                           | 14.3%*                     | 5.6%                     |
| San Jose†              | 0.8%                                     | 38.1%*       | 2.9%                             | 30.8%*                               | 0.5%  | 5.4%                        | 13.7%                           | 7.9%                       | 4.6%                     |
| Santa Maria†           | 2.0%                                     | 4.7%         | 1.3%                             | 77.8%*                               | 0.0%  | 9.2%*                       | 10.7%                           | 13.5%*                     | 5.2%                     |
| Santa Rosa†            | 1.1%                                     | 6.2%         | 1.8%                             | 34.0%*                               | 0.4%  | 5.0%                        | 18.3%*                          | 10.0%                      | 4.6%                     |
| Sunnyvale              | 0.5%                                     | 49.6%*       | 1.2%                             | 16.7%                                | 0.1%  | 6.7%                        | 12.5%                           | 5.3%                       | 3.8%                     |
| Vallejo                | 1.0%                                     | 23.0%        | 18.3%                            | 29.3%                                | 1.0%  | 5.0%                        | 17.0%                           | 11.5%                      | 6.3%*                    |
| Ventura County         | 1.3%                                     | 7.2%         | 1.8%                             | 43.6%*                               | 0.2%  | 5.4%                        | 16.3%                           | 9.0%                       | 5.0%                     |

Sources: California Energy Commission, Employment Development Department, and U.S. Census Bureau

## Location Analysis Summary

The proposed project locations were assessed according to the original localized health impacts method. The assessment shows that nine out of 15 sites where projects are proposed are in high-risk communities. This finding indicates that the communities near the proposed project locations are at a higher risk of adverse health effects from pollution. However, staff does not anticipate a significant increase in local pollutants resulting from the projects, and staff's analysis found no indication that there would be adverse community health impacts. Moreover, a net benefit from these proposed electric vehicle charging projects may be realized

for the surrounding communities due to associated reductions in harmful criteria air pollutants, toxic air contaminants, and greenhouse gas emissions.

## **Public Comment**

As provided by the California Code of Regulations, Title 13, Section 2343, a 30-day public review period applies to this LHI Report Addendum 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).

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