

California Energy Commission
STAFF REPORT

LOCALIZED HEALTH IMPACTS REPORT

Addendum 6 for Projects With Location Changes
Awarded Funding Through the Alternative and
Renewable Fuel and Vehicle Technology Program
Under Solicitation GFO-15-601 - DC Fast Chargers
for California's North-South Corridors

California Energy Commission
Gavin Newsom, Governor



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Jonathan Bobadilla

Primary Author

Phil Cazel

Thanh Lopez

Project Managers

Elizabeth John

Office Manager

ADVANCED FUEL PRODUCTION OFFICE

Kevin Barker

Deputy Director

FUELS AND TRANSPORTATION DIVISION

Drew Bohan

Executive Director

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ADDENDUM 6

The *Localized Health Impacts (LHI) Report for Selected Projects Awarded Funding Through the Alternative and Renewable Fuel and Vehicle Technology Program Under Solicitation GFO-15-601* was posted March 11, 2016 (CEC-600-2016-002).¹ This addendum uses the same approach to assess the localized health impacts (LHI) of project location changes. A 30-day public review and comment period applies to this LHI report from the date of publishing.

The awardees EV Connect, Inc., NRG EV Services, LLC, and Recargo, Inc. propose location changes for their electric vehicle charging station installation projects. The originally proposed location and corresponding new location of each applicant are in Table 1. Environmental justice (EJ) indicators² are identical to the EJ indicator in the original LHI report for this solicitation. Definitions are in Appendix A of this LHI report.

¹ Brecht, Patrick, 2016. *Localized Health Impacts Report*. California Energy Commission, Fuels and Transportation Division. Publication Number: CEC-600-2016-002.

² EJ indicators developed by the United States Environmental Protection Agency (U.S. EPA), Office of Policy. Available at <https://www.epa.gov/ejscreen/environmental-justice-indexes-ejscreen>.

Table 1: Original and New Locations Along With EJ Indicators

Grantee	Original Location	Proposed New Location	EJ Indicator(s)
EV Connect, Inc.	1850 Countryside Drive Turlock, CA 95380	16491 Schendel Avenue Delhi, CA 95315	Poverty, Minority, and Unemployment
NRG EV Services, LLC	Raley's 700 W. Onstott Frontage Road Yuba City, CA 95991	PetSmart 865 Colusa Avenue Yuba City, CA 95991	Poverty and Unemployment
NRG EV Services, LLC	Pilot Travel Center 30035 County Road 8 Dunnigan, CA 95937	Olive Tree Plaza 600 Edith Avenue Corning, CA 96021	Poverty, Minority, and Unemployment
NRG EV Services, LLC	Walgreens 828 Newville Road Orland, CA 95963	Berry Patch 900 Newville Road Orland, CA 95963	Poverty, Minority, and Unemployment
NRG EV Services, LLC	Walmart 470 Airport Road Willows, CA 95988	Black Bear Diner 246 N Humboldt Avenue Willows, CA 95988	Poverty, Minority, and Unemployment
NRG EV Services, LLC	Granzella's Restaurant 451 6 th Street Williams, CA 95987	Shop N' Save 421 7 th Street Williams, CA 95987	Poverty, Minority, and Unemployment
NRG EV Services, LLC	Walmart 1720 E. Main Street Woodland, CA 95776	County Fair Shopping Mall 1264 E. Gibson Road E-500 Woodland, CA 95776	Minority, and Unemployment
Recargo, Inc.	Best Western Forest Park Inn 375 Leavesley Road Gilroy, CA 95020	Alamo Plaza 8647 San Ysidro Avenue Gilroy, CA 95020	Minority
Recargo, Inc.	Pea Soup Andersen's Inn 51 E. Hwy 246 Buellton, CA 93427	Buellton Town Center 218 E. Highway 246 Buellton, CA 93427	N/A
Recargo, Inc.	Wildhorse Cafe 50630 Mesa Verde Road King City, CA 93930	Town Square Shopping Center 200 Broadway Street King City, CA 93930	Poverty, Minority, and Unemployment

Source: California Energy Commission staff

Environmental and Demographic Standard

The proposed new project locations in Buellton, Corning, Delhi, Gilroy, King City, Orland, Williams, Willows, Woodland, and Yuba City are in nonattainment zones³ for one or more of the criteria air pollutants ozone, particulate matter (PM⁴) 2.5, and PM 10. If a project within a nonattainment zone has more than one EJ indicator (shown in Table 1), staff will identify it as a high-risk community project location. A high-risk community

³ *Nonattainment zones* are areas designated by the California Air Resources Board with at least one violation of an air quality standard for pollutants within the last three years, as of November 2017. Available at <https://www.arb.ca.gov/desig/desig.htm>.

⁴ *Particulate matter* is unburned fuel particles that form smoke or soot and stick to lung tissue when inhaled. The numbers stand for microns in diameter.

project location will have the city name in red font and the percentage values of the EJ indicator thresholds exceeded highlighted in yellow in Table 2.

Table 2: EJ Indicators Compared With California

	Below Poverty Level (2017)	Black Persons (2017)	American Indian and/or Alaska Native (2017)	Asian and/or Pacific Islander (2017)	Persons of Hispanic or Latino Origin (2017)	Persons Under 5 Years of Age (2017)	Persons Over 65 Years of Age (2017)	Unemployment (December 2018)
California	11.1%	5.8%	0.7%	14.5%	38.8%	6.4%	13.2%	4.1%
EJ Indicator Threshold	>11.1%	>30%	>30%	>30%	>30%	≥26.4%	≥33.2%	>4.1%
Buellton	1.4%	2.7%	0.7%	0.4%	29.4%	7.2%	19.9%	4.0%
Corning	24.4%	1.6%	2.5%	1.0%	42.2%	8.1%	10.7%	5.6%
Delhi	20.0%	1.2%	0.6%	3.0%	75.5%	8.2%	7.2%	8.2%
Gilroy	9.3%	1.8%	0.9%	6.8%	60.6%	7.2%	9.8%	2.4%
King City	24.0%	0.6%	0.5%	1.5%	90.6%	8.2%	6.9%	8.1%
Orland	21.9%	0.1%	0.5%	4.2%	51.0%	11.1%	10.9%	6.7%
Williams	11.6%	1.0%	0.4%	3.6%	75.2%	5.3%	9.2%	15.7%
Willows	13.4%	2.3%	2.9%	5.0%	34.6%	7.7%	14.7%	6.7%
Woodland	10.1%	1.7%	1.3%	8.4%	48.3%	6.4%	12.8%	4.4%
Yuba City	15.0%	2.7%	0.9%	19.4%	29.2%	7.3%	13.7%	8.1%

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

Analysis

The proposed project locations in Corning, Delhi, King City, Orland, Williams, Willows, and Yuba City are identified by Energy Commission staff as high-risk community project locations. The electric vehicle chargers installed by the awardees follow the original specification requirements and guidelines under solicitation GFO-15-601.⁵ There are no anticipated adverse health impacts to the communities where the newly proposed charging stations will be located. On the contrary, staff expects net positive health impacts from expanding access to zero-emission vehicle charging infrastructure.

Public Comment

As provided by Title 13, Section 2343 of the California Code of Regulations, a 30-day public review period applies to this LHI report from the date it is posted on the Energy

⁵ See <https://www.energy.ca.gov/contracts/transportation.html#GFO-15-601>.

Commission website. The original posting date for this report is listed at:

<https://www.energy.ca.gov/altfuels/documents/index.html>

The Energy Commission encourages comments by email. Please include your name or organization's name in the name of the file. Send comments in either Microsoft® Word format (.doc) or in Adobe® Acrobat® format (.pdf) to FTD@energy.ca.gov.

The public can email comments to FTD@energy.ca.gov or send them to:

California Energy Commission
Fuels and Transportation Division
1516 Ninth 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 e-mail at mediaoffice@energy.ca.gov.

APPENDIX A:

Localized Health Impacts Report Method

This LHI report assesses the potential health impacts to communities from projects proposed to receive ARFVTP funding. This LHI report is prepared under the *California Code of Regulations, Title 13, Motor Vehicles, Chapter 8.1 (CCR § 2343)*:

“(6) Localized health impacts must be considered when selecting projects for funding. The funding agency must consider EJ 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.”

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 under the California Environmental Quality Act (CEQA). This LHI report includes staff’s application of the EJSM developed by the U.S. Environmental Protection Agency (U.S. EPA) to help identify projects located in areas where social vulnerability indicators, high exposure to pollution, and greater health risks are present.

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. Energy Commission staff analyzes these data to assign EJ indicators for each project location specified in the LHI report. The proposed project location must meet a two-part standard as follows:

Part 1 – Environmental Standard:

- Communities within an air quality nonattainment zone for ozone, PM 2.5, or PM 10, as designated by the CARB for criteria pollutants.

Part 2 – Demographic Standard:

- Communities having more than one of the following EJ indicators for (1) minority, (2) poverty, (3) unemployment, and (4) age. The EJ indicator thresholds are defined by staff as:

- 1) A minority subset represents more than 30 percent of a given city’s population.
- 2) A city’s poverty level exceeds the state average poverty level.

- 3) The city (or county if city data is unavailable) unemployment rate exceeds the state average unemployment rate.
- 4) The percentage of people living in a city who are younger than 5 years of age or older than 65 years of age is 20 percent higher than the state average for persons under 5 years of age or over 65 years of age.