

CALIFORNIA ENERGY COMMISSION

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Notice of Report Availability

LOCALIZED HEALTH IMPACTS REPORT

Selected Projects Awarded Funding Through the Alternative and Renewable Fuel and Vehicle Technology Program Under Solicitation PON-13-606 Publication CEC-600-2014-002

Assembly Bill 118 (Núñez, Chapter 750, Statutes of 2007), created the Alternative and Renewable Fuel and Vehicle Technology Program (ARFVTP). The statute authorizes the California Energy Commission to develop and deploy alternative and renewable fuels and advanced transportation technologies to help attain the state's climate change policies. AB 8 (Perea, Chapter 401, Statutes of 2013) re-authorizes the ARFVTP through January 1, 2024, and specifies that the Energy Commission allocate up to \$20 million per year (or up to 20 percent of each fiscal year's funds) in funding for hydrogen station development until at least 100 stations are operational.

The statute also directs the California Air Resources Board to develop guidelines that apply to the program to ensure the programs complement efforts to improve air quality. The Air Quality Guidelines were approved in 2008. California Code of Regulations, Title 13, Chapter 8.1, Section 2343(c)(6) contains the requirement for the Energy Commission, being the funding agency, to analyze the localized health impacts, consider environmental justice issues of projects funded by the program that require a permit, and publish a staff report for public review and comment at least 30 calendar days before approval of projects. The report was publicly available on April 11, 2014.

This report reviews the projects submitted under the Electric Vehicle Charging Infrastructure grant solicitation PON-13-606, and proposed for funding under the Alternative and Renewable Fuel and Vehicle Technology Program. The report includes a description of the projects, criteria emissions data for the fuels associated with the projects, demographic data for the areas where the projects will be located, and an analysis of the impacts of these projects in communities with the most significant exposure to air contaminants or localized air contaminants.

The specific projects analyzed in this report are:

- The Vehicle-Grid-Integration Alliance's *San Francisco City Charge*
- The EV Alliance's *Central Coast Charge Ahead Project*

- California EV Alliance's *Bay Area Charge Ahead Project Two (BayCap2)*
- City of Burbank's *EV Charge N' Go*
- County of Riverside's *Riverside County EDA Electric Vehicle Infrastructure Expansion*
- The Fremont Chamber of Commerce's *Fremont Bayside Business Park Electric Vehicle Charging Infrastructure*
- Silicon Valley Leadership Group Foundation's *Bay Area Charge Ahead Project One (BayCap1)*
- Redwood Coast Energy Authority's *North Coast Plug-In Electric Vehicle Charging Network*
- Bay Area Air Quality Management District's *Bay Area Corridor Charging Expansion*
- South Coast Air Quality Management District's *South Coast Air Basin DC Fast Charging Network*
- Electric Power Research Institute's *Santa Clara Electric Vehicle Charging Center*
- California State University, Fresno Foundation's *A Catalyst Project: Combination Level 2 and DCFC EV Charging Station in the San Joaquin Valley*
- Good Samaritan Hospital's *Installation of New EVSE*
- Adopt A Charger's *The California State Parks and the CEC: 61 EV Chargers at 12 State Parks*
- Los Angeles Department of Water and Power's *Recharge in LA*
- US Green Vehicle Council's *Corridor DC Fast Charging Infrastructure on Interstate I-5 and Highway 99 from Stockton to San Diego*
- San Joaquin Valley Unified Air Pollution Control District's *Electric Vehicle Charging Infrastructure at SJVAPCD Offices*
- Golden Gate National Parks Conservancy's *Install Public EV Chargers at Fort Mason and Stinson Beach, Golden Gate National Recreation Area*

- City of San Diego's *San Diego Region Public Access Electric Vehicle (EV) Infrastructure Project*
- County of San Diego's *San Diego County Public Access Charging Project*
- City of Corona 's *Destination and Workplace Plug-In Electric Vehicle Charging in Corona*
- Southern California Public Power Authority's *Southern California Public Power Authority: Local Travel, Local Fuel*
- Cal Poly Corporation on behalf of California Polytechnic State University's *Cal Poly Electric Vehicle Charging Infrastructure Initiative*
- CALSTART, Incorporated's *The Disneyland Resort Destination EV Charging Project*
- City of Coronado's *Coronado EV Tourism EVSE Deployment Project*
- El Dorado County - Air Quality Management District and Facilities Division's *Placerville & South Lake Tahoe - Electric Vehicle Charging Stations*
- Los Angeles County Metropolitan Transportation Authority's *Enhancing Greenhouse Gas Emissions Reductions through Electric Vehicle Charger Expansion at Transit Stations*
- City of Torrance's *Electric Vehicle Charging Infrastructure in Torrance*
- Clean Fuel Connection, Incorporated's *Workplace Charging at Five Kaiser Permanente Locations*
- American Honda Motor Company, Incorporated's *American Honda's Electric Vehicle Workplace Charging - Category II*
- US Hybrid Corporation's *Renewable Energy Workplace Charging (REWC) with Vehicle to Grid and Peak Demand Reduction*
- Bio-Rad Laboratories, Incorporated's *Bio-Rad Laboratories Workplace Charging*
- State of California, Department of Transportation's *Caltrans - Installation of EV Charging Stations*
- Ontario CNG Station Incorporated's *Ontario CNG Station Inc*

- Granville Homes' *Electric Vehicle Charging Stations at the Fulton Village Multi Unit Dwellings*

This report is available on the Energy Commission's website at:

<http://www.energy.ca.gov/2014publications/CEC-600-2014-002/CEC-600-2014-002.pdf>

A print copy is available upon request made either in writing to the address below or by e-mail to ab118@energy.ca.gov.

Written Comments

Written comments on this report must be submitted by 5 p.m. on May 12, 2014.

Please include the publication number CEC-600-2014-002 and indicate *Localized Health Impacts Report for Selected Projects Awarded Funding Through the Alternative and Renewable Fuel and Vehicle Technology Program Under Solicitation PON-13-606* in the subject line or first paragraph of your comments. The Energy Commission will consider comments received by the deadline.

The Energy Commission encourages comments by e-mail. 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 ab118@energy.ca.gov.

If you prefer, you may send a paper copy of your comments to:

California Energy Commission
Fuels and Transportation Division, MS-44
Re: CEC-600-2014-002
1516 Ninth Street
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.