

California Energy Commission

STAFF REPORT

LOCALIZED HEALTH IMPACTS REPORT

Addendum 2 for a Selected Project Awarded Funding
Through the Alternative and Renewable Fuel and Vehicle
Technology Program Under Solicitation PON-13-609 –
Pilot-Scale and Commercial-Scale Advanced Biofuels
Production Facilities



CALIFORNIA
ENERGY COMMISSION

Edmund G. Brown Jr., Governor

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ADDENDUM 2

This addendum applies the assessment approach as written in CEC-600-2014-004-AD¹ and reports on the potential localized health impacts of a new location for the UrbanX Renewables Group, Inc., project “UrbanX Flex-RD BioRefinery: Phase 1.” The proposed biorefinery location is listed in Table 1, along with the environmental justice (EJ) indicators.

Table 1: Proposed Address Change and EJ Indicators²

UrbanX Renewable Group, Inc. Original Location	UrbanX Renewable Group, Inc. New Location	EJ Indicators for New Location
1571 West 15 th Street, Long Beach, California 90813	9302 Garfield Avenue, South Gate, California 90280	Poverty, Minority, Age, Unemployment

Source: Energy Commission staff analysis

Location Analysis and Community Impacts

Based on the staff’s assessment of this proposed biorefinery location change, it is expected that none of the surrounding communities will be disproportionately impacted by the installation of this project. The location analysis and community impacts are based on the location of this project as indicated in Appendix A.

This project location has a poverty EJ indicator, a minority population EJ indicator, an age EJ indicator, and an unemployment EJ indicator. The new proposed biorefinery location is comparable to the original proposed station location. The original location of Long Beach has three EJ indicators and the new location of South Gate has four EJ Indicators.

1 Brecht, Patrick. 2014. *Localized Health Impacts Report*. California Energy Commission, Fuels and Transportation Division. Publication Number: CEC-600-2014-004-AD

2 The EJ indicators follow: (i.) minority subset represents more than 30 percent of a given city’s population (2010), (ii.) city’s poverty exceeds California’s poverty level of 15.9 percent (2009-2013), (iii.) city’s unemployment rate exceeds California’s unemployment rate of 7.3 percent as of October 2014, and (iv.) city’s percentage of persons younger than 5 years of age or older than 65 years of age is 20 percent higher than California’s average. Note: For the entire state, the percentage of persons under the age of 5 years is 6.8 percent, and the percentage of persons over the age of 65 years is 11.4 percent.

Summary

The proposed biorefinery location change for UrbanX Renewables will impact the City of South Gate positively. This positive impact is due to the increased use of alternative fuel vehicles. The biorefinery will lead to cleaner air and reduced greenhouse gases for the community where the station is planned to be located.

APPENDIX A

**Table A-1: Demographic Data Including Environmental Justice (EJ) Indicators (percentage)
(Compared to the State of California)**

Yellow highlighted areas indicate numbers that meet the definition for EJ Indicators.

	Persons Below Poverty Level (2009-2013)	Black persons (2010)	American Indian and Alaska Native (2010)	Persons of Hispanic or Latino Origin (2010)	Persons under 5 years of age (2010)	Persons over 65 years of age (2010)	Un-employment rate (October 2014)
California	15.9	6.2	1.0	37.6	6.8	11.4	7.3
California (minorities)		>30.0	>30.0	>30.0			
South Gate	21.1	0.9	0.9	94.8	8.4	7.0	10.1

Sources: Unemployment information from the State of California, Employee Development Department (EDD) Labor Market Information Division: http://www.labormarketinfo.edd.ca.gov/CES/Labor_Force_Unemployment_Data_for_Cities_and_Census_Areas.html and Demographics information from the U.S. Department of Commerce, U.S. Census Bureau: <http://quickfacts.census.gov/qfd/states/06/0673080.html>