

## DOCKETED

<b>Docket Number:</b>	15-AFC-01
<b>Project Title:</b>	Puente Power Project
<b>TN #:</b>	207111
<b>Document Title:</b>	Socioeconomics: Revised Environmental Justice Review
<b>Description:</b>	N/A
<b>Filer:</b>	Paul Kihm
<b>Organization:</b>	Latham & Watkins LLP
<b>Submitter Role:</b>	Applicant Representative
<b>Submission Date:</b>	12/23/2015 4:31:07 PM
<b>Docketed Date:</b>	12/23/2015

**Puente Power Project  
(15-AFC-01)  
Socioeconomics: Revised Environmental Justice Review**

In response to comments from Central Coast Alliance United for a Sustainable Economy (C.A.U.S.E.), submitted to the California Energy Commission (CEC) on October 15, 2015, NRG Oxnard Energy Center LLC (NRG or Applicant) has reanalyzed the minority population screening process and data presented in the P3 Application for Certification (AFC) Socioeconomics section (Section 4.10), Environmental Justice Analysis (Section 4.10.2.7). In addition, Applicant has reviewed the suggested use of CalEnviroScreen in the environmental justice analysis.

**Environmental Justice Background/Methodology**

Executive Order (EO) 12898, *Federal Actions to Address Environmental Justice in Minority Populations and Low-Income Populations*, was issued in 1994 with the purpose of focusing federal attention on the environmental and human-health effects that federal actions have on minority and low-income populations; and the goal of achieving environmental protection for all communities.

The CEC has used methodology consistent with the Council on Environmental Quality (CEQ) and U.S. Environmental Protection Agency (U.S. EPA) guidelines for environmental justice analyses. The CEQ, in consultation with U.S. EPA, has developed guidance (*Environmental Justice Guidance Under the National Environmental Policy Act*, December 10, 1997) on the procedures to implement environmental justice analysis, which requires that minority and low-income (and Indian tribe) metrics be applied, using census data (CEQ, 1997).

**2013 American Community Survey and 2010 Census Data**

The American Community Survey (ACS) and decennial census datasets are both produced and released by the U.S. Census Bureau. The ACS is conducted every year to provide up-to-date information about the social and economic status and needs of the communities; the decennial census is conducted once every 10 years to provide an official count of the entire U.S. population to Congress (U.S. Census Bureau, 2015). The 5-year estimates from the ACS are “period” estimates that represent data collected over a period of time. The primary advantage of using multi-year estimates is the increased statistical reliability of the data for less-populated areas and small population subgroups.

The 2013 ACS 5-year estimate dataset was used for the P3 AFC Socioeconomics environmental justice analysis screening because it provides the most current and comprehensive (minority and low-income) data—more current than the decennial Census. Both the ACS and decennial Census datasets are accepted sources of census data used for environmental justice screening, in accordance with the CEQ and U.S. EPA guidance (U.S. EPA, 1998). Attachment A of this memorandum provides the side-by-side comparison of the 2013 ACS and decennial Census data for minority data. Poverty data are not available through the 2010 Census results; therefore, only the 2013 ACS 5-year estimate poverty data are presented.

**CalEnviroScreen 2.0 Data**

CalEnviroScreen 2.0 is a screening tool that can be used to help identify California communities that are disproportionately burdened by multiple sources of pollution. The California Environmental Protection Agency uses this tool to identify and designate California disadvantaged communities for investment of proceeds from the state’s cap-and-trade program (i.e., greenhouse gas reduction investments to benefit disadvantaged communities).

The CalEnviroScreen screening factors do not follow the current established methodology (and EO 12898) for environmental justice community identification. CalEnviroScreen includes a range of socioeconomic and population characteristics in its calculations, including age, asthma rates, low birth-weight rates, education levels, linguistic isolation, poverty rates, and unemployment (OEHHA, 2014). However, CalEnviroScreen does not include a measure of race/ethnicity in the calculation of a vulnerability score. EO 12898 and CEQ guidance are very specific that race, ethnicity, and poverty rates should be used to identify environmental justice populations. Therefore, use of the CalEnviroScreen tool for purposes of conducting an environmental justice analysis does not comport with underlying legal and policy requirements, and was not used in the analysis.

### Minority Population Data Screening

The environmental justice analysis screening presented in the AFC applied a calculation to determine the minority population, based on:

$$[\text{RACE} - \text{Total Population (HC01\_VC43)}] \text{ minus } [\text{One Race White (HC03\_VC49)}]$$

On further review, it was determined that this formula can understate the minority populations, because the One Race White (HC03\\_VC49) includes *racially* white individuals, but can include individuals identifying as *ethnically* Hispanic/Latino, who are considered a minority group under EO 12898. This is particularly important in areas with high numbers of Hispanic residents, because many Hispanics will respond that they are *racially* white, but *ethnically* Hispanic, and therefore should be considered minorities.

The minority population screening was therefore corrected using the calculation:

$$[\text{RACE} - \text{Total Population (HC01\_VC43)}] \text{ minus } [\text{HISPANIC OR LATINO AND RACE} - \text{Total Population} \\ - \text{Not Hispanic or Latino - White Alone (HC01\_VC94)}]$$

The above calculation provides the number of minority population that is neither racially nor ethnically considered white. The population data (HISPANIC OR LATINO AND RACE – Total Population – Not Hispanic or Latino - White Alone [HC01\\_VC94]) include only the white population without the ethnically Hispanic population (American FactFinder, 2015). The details of how these data were obtained using Geographic Information Systems (GIS) is provided in Attachment A.

The results of the corrected minority screening using the 2013 ACS 5-year estimated data are presented in the updated Figure 4.10.2 (Attachment B); detailed results, including comparison with the previously reported minority percentages, are provided in Table 1 (Attachment B). The corrected calculation for minority screening analysis indicates a substantially higher percentage of minority residents than previously reported, including census tracts containing greater than 50 percent minority populations, which are shown in **bold**. Although the Study Area (established at 6 miles from the proposed project site in accordance with CEC guidelines) contains other census tracts that do not exceed 50 percent minority population, the minority percentages in these census tracts are meaningfully greater when compared to the greater geographic scale (Ventura County), and would therefore also be considered minority populations.

Whereas no minority population was identified previously in the Study Area, the revised Figure 4.10-2 and Table 1, which show the results of the screening using the corrected data source, indicate that the majority of the Study Area comprises minority populations.

## Low-Income Populations

The P3 environmental justice analysis screening included in the AFC also presented the low-income population in the Study Area, based on U.S. Census Bureau 2013 ACS S1701 Poverty Status data (HC03\_EST\_VC01). This is considered appropriate for the environmental justice low-income screening, and does not require correction.

## Evaluation of Disproportionate Impacts

Section 4.10.2.7.3 of the P3 AFC socioeconomic environmental justice analysis applies the final criteria to determine whether the proposed project may potentially result in impacts related to environmental justice. The final criterion is the assessment of whether the potentially significant environmental impacts attributable to the project would fall disproportionately on the minority or low-income populations in the project Study Area, based on impacts to air quality, housing, noise, public health, public service impacts, traffic, and water quality. As analyzed in the AFC, the project would not result in significant environmental impacts accruing to any population in the study area; therefore, environmental impacts cannot accrue disproportionately to environmental justice populations (minority and/or low income) in the Study Area.

Because all potential health and safety and environmental impacts from the project will be mitigated to insignificant levels for all affected populations, including minority populations, the proposed project will not cause or contribute to disproportionate impacts on minority populations.

## References

- American FactFinder, 2015. 2013 American Community Survey Data: HC01\_VC94 Estimate; HISPANIC OR LATINO AND RACE - Total population - Not Hispanic or Latino - White alone. Available online at: <http://factfinder.census.gov/faces/nav/jsf/pages/searchresults.xhtml?refresh=t#none>.
- CEQ (Council on Environmental Quality), 1997. Environmental Justice Guidance Under the National Environmental Policy Act. December 10.
- Executive Order 12898, 1994. Executive Order 12898 on Federal Actions to Address Environmental Justice in Minority Populations and Low-Income Populations. February 11.
- OEHHA (Office of Environmental Health Hazard Assessment), 2014. CalEnviroScreen Version 2.0. November 10. Available online at: <http://oehha.ca.gov/ej/ces2.html>.
- U.S. Census Bureau, 2015. ACS and the 2010 Census. September 24. Available online at: <http://www.census.gov/programs-surveys/acs/about/acs-and-2010-census.html>.
- U.S. EPA (U.S. Environmental Protection Agency), 1998. Final Guidance for Incorporating Environmental Justice Concerns in EPA's NEPA Compliance Analyses. April.

## Attachment A

**Attachment A: 2013 ACS Total Population and Minority Data and 2010 Census Total Population and Minority Data**

		2013 ACS 5-year estimate Census Tract Total Population and Minority Data				2010 Census Total Population and Minority Data				2013 ACS Poverty Data	Poverty Data Not Available in 2010 Census Dataset
		Dataset: Estimate: RACE - Total population (HC01_VC43)	Dataset: Estimate: HISPANIC OR LATINO AND RACE - Total population - Not Hispanic or Latino - White alone (HC01_VC94)	MINORITY Calculated: Total Population (HC01_VC43) subtracted by Not Hispanic or Latino - White alone (HC01_VC94), to get all minorities	Percent Minority	Total Population: Demographic Profile 1 (DP1), DPSF8. RACE [24] Item: DP0080001	Demographic Profile 1 (DP1), DPSF11. HISPANIC OR LATINO AND RACE [17]	MINORITY Calculated: 2010 Census Tract Total Population (DP0080001) subtracted by 2010 Not Hispanic or Latino: White alone (DP0110011), to get all minorities	2010 Census Percent Minority	Dataset: Percent below poverty level (HC03_EST_VC01)	
		Defn, per Census Bureau: 1) All people, male and female, child and adult, living in a given geographic area. 2) Note: Although the ACS produces population, demographic and housing unit estimates, it is the Census Bureau's Population Estimates Program that produces and disseminates the official estimates of the population for the nation, states, counties, cities and towns and estimates of housing units for states and counties. Existing data series such as births, deaths, Federal tax returns, Medicare enrollment, and immigration, are used to update the decennial census base counts. 3) JW Note: "RACE" appears as a prefix to this dataset name, but only indicates the category name where this dataset was obtained. "Total Population" is the same for other demographic categories (see attachment).	Defn, per Census Bureau: Includes people who reported White and no other race group and did not report being of Hispanic origin.			Defn, per Census Bureau: All people, male and female, child and adult, living in a given geographic area.	Defn, per Census Bureau: Includes people who reported White and no other race group and did not report being of Hispanic origin.			Census Bureau uses a set of money income thresholds that vary by family size and composition to determine who is in poverty. If the total income for a family or unrelated individual falls below the relevant poverty threshold, then the family (and every individual in it) or unrelated individual is considered in poverty.	
Census Tract Number	GEO_id2										
Census Tract 12.02	6111001202	6977	4858	2119	30.4	7191	5028	2163	30.1	6.6	
Census Tract 12.04	6111001204	2581	1082	1499	58.1	2473	1197	1276	51.6	18.7	
Census Tract 12.06	6111001206	932	557	375	40.2	941	745	196	20.8	5.2	
Census Tract 14.01	6111001401	4454	2875	1579	35.5	3950	2648	1302	33.0	8.2	
Census Tract 14.02	6111001402	5911	3757	2154	36.4	5677	3617	2060	36.3	6.3	
Census Tract 15.02	6111001502	8832	4471	4361	49.4	8668	4696	3972	45.8	13.0	
Census Tract 15.03	6111001503	5231	2454	2777	53.1	5898	2975	2923	49.6	13.5	
Census Tract 15.06	6111001506	5151	3139	2012	39.1	5027	3046	1981	39.4	6.8	
Census Tract 15.07	6111001507	4621	2155	2466	53.4	4330	2228	2102	48.5	12.1	
Census Tract 16.01	6111001601	1017	512	505	49.7	1099	585	514	46.8	5.4	
Census Tract 16.02	6111001602	2297	1715	582	25.3	2388	1662	726	30.4	3.4	
Census Tract 17	6111001700	3607	3067	540	15.0	3531	2807	724	20.5	3.0	
Census Tract 18	6111001800	4377	3336	1041	23.8	4302	3404	898	20.9	3.1	
Census Tract 19	6111001900	3724	2772	952	25.6	3822	2900	922	24.1	8.6	
Census Tract 20	6111002000	2427	1953	474	19.5	2577	2141	436	16.9	9.7	
Census Tract 21.02	6111002102	1583	1301	282	17.8	1832	1439	393	21.5	14.6	
Census Tract 22	6111002200	6197	2122	4075	65.8	6288	2226	4062	64.6	18.1	
Census Tract 23	6111002300	6999	1807	5192	74.2	7430	1797	5633	75.8	23.5	
Census Tract 24	6111002400	2721	2042	679	25.0	2571	1741	830	32.3	21.0	
Census Tract 25	6111002500	4706	4092	614	13.0	4795	4041	754	15.7	6.2	
Census Tract 26	6111002600	3024	1834	1190	39.4	3211	1979	1232	38.4	15.6	
Census Tract 27	6111002700	4041	3034	1007	24.9	3881	2658	1223	31.5	8.4	
Census Tract 28	6111002800	6274	3835	2439	38.9	6270	3923	2347	37.4	14.2	
Census Tract 29.01	6111002901	5864	2078	3786	64.6	5455	1947	3508	64.3	4.7	

		2013 ACS 5-year estimate Census Tract Total Population and Minority Data				2010 Census Total Population and Minority Data				2013 ACS Poverty Data	Poverty Data Not Available in 2010 Census Dataset
		Dataset: Estimate: RACE - Total population (HC01_VC43)	Dataset: Estimate: HISPANIC OR LATINO AND RACE - Total population - Not Hispanic or Latino - White alone (HC01_VC94)	MINORITY Calculated: Total Population (HC01_VC43) subtracted by Not Hispanic or Latino - White alone (HC01_VC94), to get all minorities	Percent Minority	Total Population: Demographic Profile 1 (DP1), DPSF8. RACE [24] Item: DP0080001	Demographic Profile 1 (DP1), DPSF11. HISPANIC OR LATINO AND RACE [17]	MINORITY Calculated: 2010 Census Tract Total Population (DP0080001) subtracted by 2010 Not Hispanic or Latino: White alone (DP0110011), to get all minorities	2010 Census Percent Minority	Dataset: Percent below poverty level (HC03_EST_VC01)	
		Defn, per Census Bureau: 1) All people, male and female, child and adult, living in a given geographic area. 2) Note: Although the ACS produces population, demographic and housing unit estimates, it is the Census Bureau's Population Estimates Program that produces and disseminates the official estimates of the population for the nation, states, counties, cities and towns and estimates of housing units for states and counties. Existing data series such as births, deaths, Federal tax returns, Medicare enrollment, and immigration, are used to update the decennial census base counts. 3) JW Note: "RACE" appears as a prefix to this dataset name, but only indicates the category name where this dataset was obtained. "Total Population" is the same for other demographic categories (see attachment).	Defn, per Census Bureau: Includes people who reported White and no other race group and did not report being of Hispanic origin.			Defn, per Census Bureau: All people, male and female, child and adult, living in a given geographic area.	Defn, per Census Bureau: Includes people who reported White and no other race group and did not report being of Hispanic origin.			Census Bureau uses a set of money income thresholds that vary by family size and composition to determine who is in poverty. If the total income for a family or unrelated individual falls below the relevant poverty threshold, then the family (and every individual in it) or unrelated individual is considered in poverty.	
Census Tract Number	GEO_id2										
Census Tract 29.05	6111002905	5714	1376	4338	75.9	5478	1374	4104	74.9	6.4	
Census Tract 30.10	6111003010	3172	512	2660	83.9	2885	594	2291	79.4	8.9	
Census Tract 30.11	6111003011	5893	412	5481	93.0	5397	708	4689	86.9	18.8	
Census Tract 30.12	6111003012	404	37	367	90.8	321	42	279	86.9	0.0	
Census Tract 30.13	6111003013	5123	1215	3908	76.3	4657	1280	3377	72.5	5.2	
Census Tract 31	6111003100	16107	1708	14399	89.4	14589	1710	12879	88.3	11.7	
Census Tract 32.01	6111003201	3685	23	3662	99.4	4577	81	4496	98.2	36.6	
Census Tract 33	6111003300	8305	1396	6909	83.2	8187	1465	6722	82.1	15.6	
Census Tract 36.05	6111003605	9117	2599	6518	71.5	8606	2882	5724	66.5	9.9	
Census Tract 36.08	6111003608	4296	610	3686	85.8	3838	640	3198	83.3	8.1	
Census Tract 36.09	6111003609	5823	4718	1105	19.0	5966	4703	1263	21.2	8.1	
Census Tract 36.12	6111003612	3902	3236	666	17.1	4355	3377	978	22.5	1.9	
Census Tract 37	6111003700	6409	344	6065	94.6	6679	286	6393	95.7	18.0	
Census Tract 38.01	6111003801	4796	91	4705	98.1	5778	159	5619	97.2	18.6	
Census Tract 38.02	6111003802	3014	139	2875	95.4	2888	204	2684	92.9	21.4	
Census Tract 39	6111003900	7491	340	7151	95.5	7533	413	7120	94.5	29.1	
Census Tract 40	6111004000	6244	447	5797	92.8	6586	523	6063	92.1	18.0	
Census Tract 41.01	6111004101	7087	456	6631	93.6	6814	451	6363	93.4	13.9	
Census Tract 42	6111004200	5330	958	4372	82.0	5324	1013	4311	81.0	11.1	
Census Tract 43.04	6111004304	6809	2199	4610	67.7	6760	2504	4256	63.0	25.8	
Census Tract 43.05	6111004305	2520	1391	1129	44.8	2388	1382	1006	42.1	7.7	
Census Tract 44	6111004400	7141	2642	4499	63.0	7251	2392	4859	67.0	16.6	
Census Tract 45.03	6111004503	4815	260	4555	94.6	4387	244	4143	94.4	18.0	
Census Tract 45.04	6111004504	5647	380	5267	93.3	5389	361	5028	93.3	19.0	
Census Tract 45.05	6111004505	2121	236	1885	88.9	2150	186	1964	91.3	12.7	
Census Tract 45.06	6111004506	7425	415	7010	94.4	7858	322	7536	95.9	36.1	

Census Tract Number

GEO\_id2

2013 ACS 5-year estimate Census Tract Total Population and Minority Data					2010 Census Total Population and Minority Data				2013 ACS Poverty Data	Poverty Data Not Available in 2010 Census Dataset	
Dataset: Estimate: RACE - Total population (HC01_VC43)		Dataset: Estimate: HISPANIC OR LATINO AND RACE - Total population - Not Hispanic or Latino - White alone (HC01_VC94)		MINORITY Calculated: Total Population (HC01_VC43) subtracted by Not Hispanic or Latino - White alone (HC01_VC94), to get all minorities	Percent Minority	Total Population: Demographic Profile 1 (DP1), DPSF8. RACE [24] Item: DP0080001	Demographic Profile 1 (DP1), DPSF11. HISPANIC OR LATINO AND RACE [17]	MINORITY Calculated: 2010 Census Tract Total Population (DP0080001) subtracted by 2010 Not Hispanic or Latino: White alone (DP0110011), to get all minorities	2010 Census Percent Minority	Dataset: Percent below poverty level (HC03_EST_VC01)	
<b>Defn, per Census Bureau:</b> 1) All people, male and female, child and adult, living in a given geographic area. 2) Note: Although the ACS produces population, demographic and housing unit estimates, it is the Census Bureau's Population Estimates Program that produces and disseminates the official estimates of the population for the nation, states, counties, cities and towns and estimates of housing units for states and counties. Existing data series such as births, deaths, Federal tax returns, Medicare enrollment, and immigration, are used to update the decennial census base counts. 3) JW Note: "RACE" appears as a prefix to this dataset name, but only indicates the category name where this dataset was obtained. "Total Population" is the same for other demographic categories (see attachment).		<b>Defn, per Census Bureau:</b> Includes people who reported White and no other race group and did not report being of Hispanic origin.				<b>Defn, per Census Bureau:</b> All people, male and female, child and adult, living in a given geographic area.	<b>Defn, per Census Bureau:</b> Includes people who reported White and no other race group and did not report being of Hispanic origin.			Census Bureau uses a set of money income thresholds that vary by family size and composition to determine who is in poverty. If the total income for a family or unrelated individual falls below the relevant poverty threshold, then the family (and every individual in it) or unrelated individual is considered in poverty.	
Census Tract 47.10	6111004710	4607	560	4047	87.8	5089	590	4499	88.4	17.1	
Census Tract 47.11	6111004711	3222	423	2799	86.9	3432	227	3205	93.4	14.3	
Census Tract 47.15	6111004715	5457	510	4947	90.7	5020	621	4399	87.6	17.0	
Census Tract 47.16	6111004716	4372	434	3938	90.1	4476	297	4179	93.4	22.4	
Census Tract 47.17	6111004717	4138	123	4015	97.0	4120	178	3942	95.7	19.4	
Census Tract 49.01	6111004901	6843	1029	5814	85.0	6249	1035	5214	83.4	5.8	
Census Tract 49.02	6111004902	4464	14	4450	99.7	5091	78	5013	98.5	23.0	
Census Tract 50.02	6111005002	2691	224	2467	91.7	3003	262	2741	91.3	26.1	
Census Tract 50.03	6111005003	7559	743	6816	90.2	8366	794	7572	90.5	18.7	
Census Tract 50.04	6111005004	5417	1574	3843	70.9	5419	1355	4064	75.0	17.6	
Census Tract 86	6111008600	8757	1029	7728	88.2	7982	790	7192	90.1	32.4	
Census Tract 87	6111008700	6141	969	5172	84.2	6424	942	5482	85.3	15.0	
Census Tract 88	6111008800	5033	1226	3807	75.6	5632	965	4667	82.9	4.7	
Census Tract 89	6111008900	3695	440	3255	88.1	3590	392	3198	89.1	6.8	
Census Tract 91	6111009100	4870	206	4664	95.8	5279	192	5087	96.4	34.2	



## **Attachment B**

**TABLE 1  
MINORITY DATA SHOWING PREVIOUS AND CORRECTED  
STUDY AREA MINORITY SCREENING RESULTS**

Study Area Census Tract	Total Population, Average 2009 – 2013	Previously Reported (Incorrect) Minority Population (%)	CORRECTED Minority Population (%)
12.02	6,977	15.0%	30.4%
12.04	2,581	22.4%	58.1%
12.06	932	20.1%	40.2%
14.01	4,454	16.0%	35.5%
14.02	5,911	20.6%	36.4%
15.02	8,832	23.5%	49.4%
15.03	5,231	35.4%	53.1%
15.06	5,151	18.7%	39.1%
15.07	4,621	37.8%	53.4%
16.01	1,017	25.8%	49.7%
16.02	2,297	16.2%	25.3%
17	3,607	6.4%	15.0%
18	4,377	11.9%	23.8%
19	3,724	17.9%	25.6%
20	2,427	10.4%	19.5%
21.02	1,583	14.0%	17.8%
22	6,197	30.7%	65.8%
23	6,999	35.4%	74.2%
24	2,721	11.5%	25.0%
25	4,706	10.2%	13.0%
26	3,024	21.1%	39.4%
27	4,041	13.7%	24.9%
28	6,274	21.4%	38.9%
29.01	5,864	28.6%	64.6%
29.05	5,714	31.4%	75.9%
30.1	3,172	26.3%	83.9%
30.11	5,893	20.3%	93.0%
30.12	404	7.2%	90.8%
30.13	5,123	26.4%	76.3%
31	16,107	32.4%	89.4%
32.01	3,685	20.9%	99.4%
33	8,305	21.0%	83.2%
36.05	9,117	31.7%	71.5%
36.08	4,296	33.1%	85.8%
36.09	5,823	14.5%	19.0%
36.12	3,902	11.6%	17.1%

Study Area Census Tract	Total Population, Average 2009 – 2013	Previously Reported (Incorrect) Minority Population (%)	CORRECTED Minority Population (%)
37	6,409	28.5%	94.6%
38.01	4,796	31.5%	98.1%
38.02	3,014	25.4%	95.4%
39	7,491	22.2%	95.5%
40	6,244	31.5%	92.8%
41.01	7,087	18.8%	93.6%
42	5,330	32.4%	82.0%
43.04	6,809	19.7%	67.7%
43.05	2,520	32.9%	44.8%
44	7,141	36.5%	63.0%
45.03	4,815	36.4%	94.6%
45.04	5,647	39.5%	93.3%
45.05	2,121	34.2%	88.9%
45.06	7,425	20.9%	94.4%
47.1	4,607	33.2%	87.8%
47.11	3,222	42.6%	86.9%
47.15	5,457	36.1%	90.7%
47.16	4,372	29.9%	90.1%
47.17	4,138	33.5%	97.0%
49.01	6,843	33.4%	85.0%
49.02	4,464	13.8%	99.7%
50.02	2,691	14.2%	91.7%
50.03	7,559	14.9%	90.2%
50.04	5,417	27.1%	70.9%
86	8,757	25.0%	88.2%
87	6,141	29.0%	84.2%
88	5,033	29.2%	75.6%
89	3,695	18.3%	88.1%
91	4,870	30.3%	95.8%
Ventura County, Total	839,620	15.0%	15.0% (no change)
California, Total	38,332,521	26.5%	26.5% (no change)



V:\Projects\GIS\_Proj\MandelayEnergy\Center\Deliverables\SanFran\_layout\Fig4.10-2\_MinorityPopulationDistributionByCensusTracts\_Within6Mi.mxd

**LEGEND**

- 47.11 Census Tract
- 86.9% Percent Minority (Population)<sup>1</sup>
- Minority Populations < 50%
- Minority Populations > 50%
- Oxnard City Boundaries
- 6-mile Radius from Project Site
- Major Highway
- County Boundary

**MINORITY POPULATION DISTRIBUTION  
BY CENSUS TRACTS WITHIN 6 MILES  
OF PUENTE POWER PROJECT SITE**

NRG  
Puente Power Project  
Oxnard, California

December 2015

**FIGURE 4.10-2.**

Source: U.S. Census Bureau, 2009-2013 American Community Survey (ACS) 5-Year Estimates.

<sup>1</sup> Table: DP05 - ACS Demographic and Housing Estimates; Total Population (HC01\_VC43) subtracted by Not Hispanic or Latino - White alone (HC01\_VC94), to get all minorities.

