



The Case for Solar Equity

ANALYSIS OF DWP'S SOLAR INCENTIVE PROGRAM FROM 2000 TO 2015

PREPARED BY LAANE FOR THE REPOWER LA COALITION

About this Analysis

The Solar Incentive Program (SIP) is the most established rooftop solar program in the City of Los Angeles. It originated at the Los Angeles Department of Water and Power in 2000 with a \$150 million investment to incentivize the proliferation of rooftop solar in Los Angeles.

With the passage of Senate Bill 1 (2007), the SIP was revised to comply with state law. The updated, 10 year, \$313 million program, subsidizes photovoltaic solar panel installation for residential, commercial, non-profit, and governmental customers.

This research identifies the geographic reach the program over the past 15 years through analysis of data that is available on DWP's website and US Census data.

Sources:

<http://energy.gov/savings/ladwp-solar-incentive-program>

https://www.ladwp.com/ladwp/faces/ladwp/residential/r-gogreen/r-gg-installsolar/r-gg-is-progstusincetlvl?_adf.ctrl-state=c2smgw9ep_4&_afLoop=387244169408640

Wright, D. (2015) Renewable Portfolio Standard (RPS) Projects Update for January 2015. Presented to the Board of Commissioners February 20, 2015. Retrieved at https://www.ladwp.com/ladwp/faces/ladwp/aboutus/a-whoweare/a-wwa-boardofcommissioners?_adf.ctrl-state=d5b0mmt1p_62&_afLoop=13802436037914

Installations and Incentives by Sector

Sector	Number of Installations	Percent	Incentive Total	Incentive Percent
Residential	12,934	96%	\$ 114,960,083	44%
Commercial	426	3%	\$ 74,318,722	29%
Government	51	0.4%	\$ 61,263,749	24%
Non-Profit	99	1%	\$ 8,862,547	3%
Grand Total	13,510		\$ 259,405,102	

Average kW Capacity by Sector

Sector	Average kW Capacity	Total kW Capacity
Commercial	93	11,893
Government	430	8,686
Non-Profit	64	2,836
Residential	5	39,730
Overall	7	63,145

Residential Incentives Per Capita by Region

Region	Incentive Amount	Incentive per capita
SF Valley	\$ 64,610,512	\$ 50.50
West LA	\$ 24,108,349	\$ 53.63
Central Los Angeles	\$ 13,321,290	\$ 19.44
North East LA	\$ 6,427,106	\$ 26.70
Harbor/Gateway	\$ 2,496,110	\$ 10.89
South LA	\$ 2,202,409	\$ 3.25
Eastside	\$ 668,896	\$ 3.78
Total	\$113,834,673	\$ 32.76

Residential Per Capita Spending by Zip Code (Select Zip Codes)

Zip Code	Neighborhood	Region	Total Incentive Amount	Incentive Per Capita
90077	Bel Air	West LA	\$ 1,854,236	\$ 197.74
90272	Pacific Palisades	West LA	\$ 3,773,963	\$ 164.19
91436	Encino	SF Valley	\$ 2,108,776	\$ 146.73
90068	Hollywood Hills	Central Los Angeles	\$ 2,754,203	\$ 123.58
90065	Mount Washington	North East LA	\$ 1,491,688	\$ 32.76
90034	Palms	West LA	\$ 1,093,252	\$ 18.86
91331	Pacoima	SF Valley	\$ 1,444,585	\$ 13.93
90005	Koreatown	Central Los Angeles	\$ 253,701	\$ 6.73
90056	Ladera Heights	South LA	\$ 22,664	\$ 2.90
90044	Westmont	South LA	\$ 166,995	\$ 1.86
90059	Watts	South LA	\$ 15,137	\$ 0.37
90063	Boyle Heights	Eastside	\$ 18,514	\$ 0.33

Correlation between Poverty and Per Capita Residential Incentives

