

Market Sector	Market Quantity	City Policy	PG&E	Dept of Environment	SFPUC	State	Federal
Single family (includes renters)	124,010 units; 79,878 units in 2-4 unit buildings	RECO	ESAP, Appliance rebates, Advanced Home Upgrade, Home Upgrade	Residential PACE BayREN Home Upgrade	Residential LED Give-Away and Energy Education Program		\$500 tax credit
Single family low income	TBD	RECO	ESAP			LIHEAP	WAP
Multifamily and Condominiums Market-Rate (5+ units/bldg)	175,084 units	RECO	Rebates On-Bill Financing	Energy Watch BayREN BayREN Financing Commercial PACE	Residential LED Give-Away and Energy Education Program		Tax credits
Multifamily: low-income in market rate units	TBD	RECO	ESAP			LIHEAP	WAP
Multifamily Affordable	17,482 units (included in Multifamily above)		ESAP Rebates On-Bill Financing	Energy Watch BayREN BayREN Financing	Residential LED Give-Away and Energy Education Program, other programs in development	LIHEAP	WAP
Non-Profit and Small Commercial	SF OpenData: 169,514 business locations: non-profits, tenants, owner occupied, and virtual. Appx 8500 walk-in sites.	CLEO	Rebates: Unknown On-Bill Financing: Unknown	Power Savers 2002: served 4000. Energy Watch (Hard-to-Reach): served over 2000 customers. 2015 served 62, saving 531 MWh & \$80K, paid \$144K incentives.	Program in development		
Medium/Large Commercial	1,800 buildings	CLEO ECBEBO	Rebates Custom Retrofit (NRR) On-Bill Financing	Energy Watch Tech Assistance (for PG&E Custom program) Commercial PACE	New Construction Incentive Program		Tax credits

Municipal/ Schools	1200 facilities	CLEO ECBEBO	Rebates On-Bill Financing	Energy Watch (technical assistance for gas projects only)	<ul style="list-style-type: none"> • Job Order Contracting Direct Install Program • Commissioning and Design Review Program • Retro-Commissioning Services 	Prop 39	
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Low income energy assistance information available at: <http://www.liheapch.acf.hhs.gov/profiles/California.htm>

RECO – Residential Energy Conservation Ordinance: time of sale ordinance for all residential buildings. Requires some retrofits.

CLEO – Commercial Lighting Efficiency Ordinance: requires fluorescent fixture conversion to a more efficient technology.

ECBEBO – Existing Commercial Building Energy Benchmarking Ordinance: Requires benchmarking over 10,000 sqft and disclosure.

ESAP – Energy Saving Assistance Program for low-income

LIHEAP – Low Income Home Energy Assistance Program

WAP – Weatherization Assistance Program for low-income

CPUC – CA Public Utilities Commission

CAEEC – CA Energy Efficiency Coordinating Committee

CEC - CA Energy Commission

CAISO – CA Independent Systems Operator

CARB – CA Air Resources Board

CAEATFA – CA Alternative Energy and Advanced Transportation Financing Authority

ABAG – Association of Bay Area Governments

BayREN – Bay Regional Energy Network

BAAQMD – Bay Area Air Quality Management District

LGSEC – Local Government Sustainable Energy Coalition

TABLE 1.

San Francisco Housing Stock by Building Type, 2010–2014

Building Type	Single Family	2 to 4 Units	5 to 9 Units	10 to 19 Units	20 + Units	Total
2010 ACS5	123,951	79,774	37,088	37,656	93,496	372,560*
Net Added 2011–2014	59	134	61	319	6,464	7,037
TOTAL	124,010	79,878	37,149	37,975	99,960	379,597

Source: U.S. Census Bureau; Planning Department

* This total includes other "housing" types that the Census Bureau counts, such as mobile homes, RVs, vans, and houseboats.

Program Name	Managing Agency	Program Summary	Budget	Financing Available
Energy Efficiency Services Division (municipal)	San Francisco Public Utilities Commission and San Francisco Department of the Environment	Energy Efficiency team has helped City departments enhance energy performance in San Francisco’s municipal facilities building-by-building. Services include energy audits of existing buildings to identify savings opportunities, energy retrofits performed by specialized contractors, Green Building commissioning and design assistance for construction and renovation projects and energy performance benchmarking for San Francisco’s municipal buildings.		
Shared Savings (municipal)	Partnership between San Francisco Unified School District and San Francisco Public Utilities Commission.	Schools that can reduce their utility bill by 5% or more compared to their baseline are rewarded with 50% of those savings to use however they wish at their school.		
Energy Upgrade California Home Upgrade Program (commmercial and residential)	San Francisco Department of the Environment on behalf of the Bay Area Regional Energy Network	Energy Upgrade California in San Francisco offers \$750 per unit in rebates to help multifamily property owners (5+ units) lower the cost of energy efficiency upgrades and provides the support, advice and technical assistance needed to undertake these upgrades. This program gives owners the flexibility to choose their own installation contractors and receive the rebate once the upgrades are completed.		
Step Up Power Down (commmercial)	San Francisco Department of the Environment on behalf of Pacific Gas and Electric	Provides direct outreach and support to businesses to help them identify and implement energy saving actions.		
San Francisco Energy Watch (commmercial and residential)	San Francisco Department of the Environment on behalf of Pacific Gas and Electric	Offers comprehensive energy assessments, technical assistance and financial incentives for energy upgrades to qualifying commmercial and multifamily building owners as well as small and medium size business owners.		Yes
Energy Savings Assistance Program (ESAP) (residential)	Pacific Gas and Electric	Assists income-qualified single-family, multi-family and mobile home owners and renters to reduce their energy use and costs.		

<p>GreenFinanceSF (PACE; commercial and residential)</p>	<p>San Francisco Department of the Environment</p>	<p>With GreenFinanceSF, property owners receive funding for energy efficiency, renewable energy, electric vehicle charging equipment, energy storage and water efficiency improvements and repay the financed amount on their property tax bill over the course of up to 25 years.</p>		<p>Yes</p>
<p>Weatherization Assistance Program (residential)</p>	<p>San Francisco Economic Opportunity Council</p>	<p>The Weatherization Program provides free weatherization services to improve the energy efficiency of homes, including attic insulation, weather stripping, minor housing repairs, and related energy conservation measures.</p>		