

SF Energy Efficiency Coordinating Committee Draft Findings and Recommendations – Version [12.12.16](#)

Category	Num	Recommendation	City agency to initiate action	Decision-making Agency	Additional Context
Expand Programs for Low Income Residents	1	Recommend that the CPUC allow local governments throughout the State of California to lower the threshold for the Energy Savings and Assistance Program (ESAP).	SFE Department of the Environment with the City Attorney	CPUC California Public Utilities Commission	Eligibility requirements for the Energy Savings and Assistance Program (\$9,000 maximum income per household) are the same statewide using federal poverty thresholds. This means that many low-income San Francisco residents who suffer from the high cost of living may not be eligible for this low threshold.
	2	Pool multiple houses in the Southeast to make them eligible for BayREN multifamily housing programs.	SFE	BayREN/CPUC,	Single family homes that are in need of energy efficiency upgrades are not being upgraded due to the high cost of the upgrades, and low amounts of energy savings available in San Francisco housing, such that projects exceed the cost-effectiveness criteria.
	2	Perform a feasibility study on how the San Francisco Department of the Environment and the San Francisco Public Utilities Commission can collaborate to integrate the various third-party programs serving low income communities.	San Francisco Board of Supervisors with City Attorney	Department of the Environment, San Francisco Public Utilities Commission, Economic Opportunity Council and Pacific Gas and Electric	Energy efficiency programs in San Francisco for low-income residents are segmented among various third party agencies including Pacific Gas and Electric and the San Francisco Economic Opportunity Council. The Committee recommends that the San Francisco Public Utilities Commission and the San Francisco Department of the Environment establish a unified approach to programming for low income residents which has the potential to create better service, proper oversight and that future dollars from grants and cap-and-trade are equitably distributed.
Bolster Workforce Development Opportunities	3	Create long-term contracts for workers interested in energy efficiency upgrades so the Office of Economic and Workforce Development can be strategic in planning for and training workers in energy efficiency upgrade construction.	?	?	Currently energy efficiency projects are performed by many small contractors on small projects over many customers. This makes it virtually impossible for the Office of Economic and Workforce Development to develop agreements that would enable them to recruit and anticipate the number of workers that are needed in this industry.
	4	SF Office of Economic and Workforce Development (CityBuild) does require baseline energy efficiency upskill training and could expand it into for energy efficiency all City funded	San Francisco Department of the Environment SFE	OEWD and funder Office of Economic and Workforce Development and funder	

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		<p>sources and contractors that operate in San Francisco.</p>			
<p>Increase Financing for Small Businesses Upgrades</p>	<p>5</p>	<p>Create CleanPowerSF creates a pilot micro-loan program or establish on-bill repayment for small businesses for projects below \$5,000.</p>	<p>SFE San Francisco Department of the Environment</p>	<p>PG&E and SFPUC Pacific Gas and Electric and the California Public Utilities Commission</p>	<p>Small business owners receiving energy efficiency upgrades are responsible for paying whatever is not covered by rebates which averages around 22% of the projects cost. Currently on bill repayment has a \$5,000 loan amount minimum, which precludes small businesses from the program since some of them do not have the cash to pay the co-pay up front. Currently the San Francisco Department of the Environment has a pilot micro-loan program to help businesses fill the gap. The Committee recommends the pilot be extended to CleanPowerSF.</p>
	<p>6</p>	<p>Move towards the Support the San Francisco Department of the Environment’s efforts to implement the (whole building) multifamily BayREN model for Commercial Energy Watch programs. The Board of Supervisors can be particularly helpful in advocating for this policy when it moves to the California Public Utilities Commission in two years.</p>	<p>SFE San Francisco Department of the Environment</p>	<p>PG&E (possibly also CPUC) Pacific Gas and Electric and the California Public Utilities Commission</p>	<p>Under the BayREN model there is more flexibility for the San Francisco Department of the Environment to provide energy efficiency upgrades versus the Energy Watch program which has more stringent restrictions preventing looking at comprehensive upgrades for the customer. The San Francisco Department of the Environment is working through a grant from the U.S. Department of Energy to move towards the BayREN model for Commercial Energy Watch programs.</p>
	<p>7</p>	<p>City recommend CPUC and PG&E allow Energy Watch clients to receive actual not deemed savings. Support pay for performance at the San Francisco Public Utilities Commission and the San Francisco Department of the Environment to develop energy efficiency programs in CleanPowerSF to integrate pay for performance incentive measures.</p>	<p>SFE San Francisco Department of the Environment</p>	<p>PG&E, CPUC San Francisco Public Utilities Commission</p>	<p>The rebate amount available to the commercial sector is only for changes that are made that surpass current code. This means that businesses far behind code are not eligible to receive incentives for the savings coming up to code; therefore, the incentives are relatively small compared to the cost. There is a movement from paying for each measure such as a lightbulb retrofit, to create energy efficiency based on actual energy savings.</p>

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	8	Form a model in which independent businesses of similar type can be considered together in terms of energy savings.	SFE San Francisco Department of the Environment	Small businesses	Small businesses are not seeing the same subsidies as large buildings and businesses because they are using less energy. This is in fact the same problem independent grocers face in competition in wholesale purchasing and retail pricing with Formula Retailers like Walgreens who may be ordering less product (or using less energy per individual location) but have bulk purchasing power and are considered cumulatively in their numbers receive higher subsidies in the SF Energy Watch program .
Streamline the Process for Upgrades	9	Introduce an ordinance requiring increased outreach on existing energy efficiency programs from various city agencies. that public interfacing City agencies -promote energy efficiency to their clients as part of their department's Climate Action Plan.	SFE San Francisco Board of Supervisors	City agencies	There are many opportunities for encouraging energy efficiency upgrades when individuals come into contact with the City including at the City Assessors Office and Small Business Office. City agencies. To reach San Francisco's climate action goals City departments track their green house gas emissions and create reduction plans in an annual report called the departmental Climate Action Plan. The Committee recommends the energy efficiency planning by departments extend beyond the activity of the department to how interactions with clients is helping the City increate energy efficiency and how the interactions are helping the City meet its green house gas reduction goals.
	10	Create Introduce an ordinance establishing benchmarking for multifamily buildings.	SFE Board of Supervisors San Francisco Department of the Environment	Board of Supervisors	The City already has a benchmarking ordinance for the commercial sector that allows the City to analyze energy usage for certain businesses – this currently does not extend to multifamily buildings.
	11	Modify San Francisco's historical preservation requirements to better enable efficiency and renewables Develop a more affordable solution for energy efficient windows.	San Francisco Department of the Environment	San Francisco Department of City Planning	Window replacements are currently required to be wood, a much more costly option. The City has a policy opposing the use of vinyl; however, there are other options for windows, ie fiberglass, that are paintable, require little maintenance, and significantly less expensive.
	12	San Francisco Public Utilities Commission continue to work with the San Francisco Department of the Environment			The San Francisco Department of the Environment currently operates multiple private sector energy efficiency programs providing services to thousands of businesses, property managers, building owners and tenants in multiple languages throughout the city since

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	on CleanPowerSF energy efficiency programs.			2001 (current funding through BayREN, PG&E, CEC, and USDOE). SFPUC has knowledge, infrastructure and track record to develop and implement energy efficiency for municipal buildings.
1243	San Francisco Public Utilities Commission and the San Francisco Department of the Environment work with other CCAs on lessons learned for energy efficiency and workforce development (e.g. Richmond Build workforce development program, on-bill financing)	SFPUC and SFE San Francisco Public Utilities Commission and San Francisco Department of the Environment	San Francisco Public Utilities Commission and San Francisco Department of the Environment SFPUC / SFE	
1344	San Francisco Public Utilities Commission and the San Francisco Department of the Environment offer Customer-friendly programs for energy and water efficiency, along with renewables and storage options.	SFPUC/SFE San Francisco Public Utilities Commission and the San Francisco Department of the Environment	CPUC San Francisco Public Utilities Commission	Currently these programs don't exist as CleanPowerSF is brand new, and there is potential to serve hard to reach populations by designing innovative programs that make it easier for owners to undertake efficiency upgrades. For non-profit managed affordable multi-family housing, this is especially useful outside of the 10-15 year financing lifecycle of the buildings. The Committee recommends that the San Francisco Department of the Environment and the San Francisco Public Utilities Commission continue to work together on the development and implementation of energy efficiency programs. The San Francisco Department of the Environment currently operates multiple private sector energy efficiency programs providing services to thousands of businesses, property managers, building owners and tenants in multiple languages throughout the city since 2001 (current funding through BayREN, PG&E, CEC, and USDOE). SFPUC has the knowledge, infrastructure and track record to develop and implement energy efficiency for municipal buildings.
1415	Recommend that the California Public Utilities Commission create increased flexibility to allow the layering of energy efficiency programs with demand management and demand response programs.	SFE? San Francisco Department of the Environment	CPUC California Public Utilities Commission	There are various programs to manage demand; however, the City has not been able to propose to add demand response and management to its Energy Watch program.

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Remove Barriers to Data Collection	16	Create one database for benchmarking for all sectors.	?		
	15 17	Recommend that the State of California change its data consent law <u>to allow more access for local governments to identify potential program customers, track participation, and track energy use.</u>	SFE <u>The Department of Environment and the San Francisco Board of Supervisors</u>	CPUC/CEC <u>California Public Utilities and California Energy Commission</u>	To obtain customer specific data, utility customers must sign a consent to allow <u>access to data energy usage</u> . This is a significant barrier to marketing of <u>energy efficiency</u> programs, research to targeting customers, and the evaluation and monitoring of program success.
	16 18	San Francisco Department of the Environment do a survey of individuals served by energy efficiency programs to learn of their challenges.	SFE <u>San Francisco Department of the Environment</u>	n/a	