

SF Energy Efficiency Coordinating Committee Draft Findings and Recommendations – Version 01.23.17

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).	Department of the Environment with the City Attorney	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	Perform a feasibility study on how the San Francisco Department of the Environment and the San Francisco Public Utilities Commission <u>through CleanPowerSF</u> can collaborate to integrate the <u>create coordination among the</u> various third-party programs <u>such as ESAP and the EOC Weatherization Program which all serve</u> low income communities.	San Francisco Board of Supervisors with City Attorney <u>San Francisco Department of the Environment</u>	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 <u>through CleanPowerSF</u> 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) require baseline energy efficiency upskill training for all City funded sources and contractors that operate in San Francisco.	San Francisco Department of the Environment	Office of Economic and Workforce Development and funder	
Increase Financing for Small Businesses Upgrades	5	Perform a feasibility study on the possibility of <u>CleanPowerSF creates a establishing</u> expanding the SF Environment <u>pilot micro-loan program or establish</u> <u>establish an</u> on-bill	San Francisco Department of the Environment <u>Public Utilities Commission</u>	San Francisco Public Utilities Commission, <u>Pacific Gas and Electric and the California Public Utilities Commission</u>	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

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		repayment for small businesses for projects below \$5,000.			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.
	6	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	San Francisco Department of the Environment	Pacific Gas and Electric and the California Public Utilities Commission	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.
	7	Support Board of Supervisors supports pay for performance at the San Francisco Public Utilities Commission and the San Francisco Department of the Environment. Perform a feasibility study to analyze if CleanPowerSF should support a pay for performance program. to develop energy efficiency programs in CleanPowerSF to integrate pay for performance incentive measures.	San Francisco Department of the Environment Public Utilities Commission	San Francisco Public Utilities Commission	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.
	8	Form a model in which independent businesses of similar type can be considered together in terms of energy savings.	San Francisco Department of the Environment	Small businesses	Small businesses receive higher subsidies in the SF Energy Watch program
Streamline the Process for Upgrades	9	Introduce an ordinance requiring that public interfacing City agencies promote energy efficiency to their clients as part	San Francisco Board of Supervisors	City agencies	There are many opportunities for encouraging energy efficiency upgrades when individuals come into contact with City agencies. To reach San Francisco’s climate action goals City departments track their greenhouse gas emissions and create reduction plans in an

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		of their department’s Climate Action Plan.			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 increase energy efficiency and how the interactions are helping the City meet its green house gas reduction goals.
10		Develop a more affordable solution for energy efficient windows. <u>Increase the flexibility of historic preservation requirements so that windows, doors, exterior and interior walls and other building elements can be made out of more efficient and less expensive materials as long as the finished look maintains the historic visual integrity.</u>	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.
11		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)	San Francisco Public Utilities Commission and San Francisco Department of the Environment	San Francisco Public Utilities Commission and San Francisco Department of the Environment	
12		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.	San Francisco Public Utilities Commission and the San Francisco Department of the Environment	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

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					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.
	13	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. Recommend that the California Public Utilities Commission coordinate its energy efficiency and demand management programs, the CPUC programs and California ISO's demand response program have coordinated proceedings schedules and processes, and that consumers can take advantage of the financial incentives available from all three energy management programs.	San Francisco Department of the Environment	California Public Utilities Commission	California's energy demand response and management programs are separate proceedings and on a separate schedule from energy efficiency proceedings and the California Public Utilities Commission does not allow beneficiaries of energy efficiency programs to receive financial incentives from more than one program's or agency's funding stream. 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.
Remove Barriers to Data Collection	14	Introduce an ordinance establishing benchmarking for multifamily buildings.	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.
	15	Recommend that the State of California change its data consent law to allow more access for local governments to identify potential program customers, track participation, and track energy use	The Department of Environment and the San Francisco Board of Supervisors	California Public Utilities and California Energy Commission	To obtain customer specific data, utility customers must sign a consent to allow access to data energy usage. This is a significant barrier to marketing of energy efficiency programs, research to targeting customers and the evaluation and monitoring of program success.

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	16	San Francisco Department of the Environment do a survey of individuals served by energy efficiency programs to learn of their challenges.	San Francisco Department of the Environment	n/a	
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