

SF Energy Efficiency Coordinating Committee Draft Findings and Recommendations – Version 11.21.16

Category	Num	Recommendation	City agency to take action	Decision-making Agency	Additional Context	Source
Expand Programs for Low Income Residents	1	Recommend that the CPUC lower the threshold for the Energy Savings and Assistance Program.	SFE with City Attorney	CPUC	Eligibility requirements for the Energy Savings and Assistance Program (\$9,000 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.	Conversation about ESAP (7/18/16)
	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.	Conversation on the Bay Area Regional Energy Network Program (6/20/16)
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.	SFE	OEWD and funder	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.	Conversation about workforce and economic services (5/16/16)
	4	SF Office of Economic and Workforce Development (CityBuild) does upskill training and could expand it into energy efficiency.	SFE	OEWD and funder		Conversation about workforce and economic services (5/16/16) Member Steichen – email.

- Young, Daniel 11/9/2016 3:43 PM

Comment [2]: Open to a better name for both of these new columns, this is intended to represent the agency that the committee is asking to be responsible for making the recommended changes.
- Young, Daniel 11/9/2016 3:42 PM

Comment [1]: This represents the agency that the EECC will be asking to take a specific action.
- Broomhead, Cal (...), 11/17/2016 4:39 PM

Comment [3]: Recommend that the City advocate for localized eligibility requirements that reflect local cost of living, everywhere.
- Broomhead, Cal (...), 11/17/2016 4:54 PM

Comment [5]: This is a lot of work and needs funding.
- Young, Daniel 11/9/2016 3:44 PM

Comment [4]: Sounds like a request to change the structure of the BayREN program, which would likely require approval from PG&E
- Broomhead, Cal (...), 11/17/2016 4:41 PM

Comment [6]: Cannot put single family into the multifamily program for both building science issues and program rules; however single family could be pooled for a group purchase approach. To do that, a group contracting method is needed where the risk is managed via pre-signed contracts between an agency and the homeowners, with pre-set financing – PACE, no money down – but savings are not likely to cover costs with interest.
- Broomhead, Cal (...), 11/17/2016 4:24 PM

Comment [8]: This is the barrier, is there a solution? The Recommendation admit ... [1]
- Broomhead, Cal (...), 11/17/2016 4:55 PM

Comment [7]: Staff asks for clarification of the meaning.
- Broomhead, Cal (...), 11/17/2016 4:25 PM

Comment [9]: This could be an element of every skills training program. Requires research and coordination with OEWD ... [2]

Increase Financing for Small Businesses Upgrades	5	Create on-bill repayment for small businesses for projects below \$5,000.	SFE	PG&E and SFPUC	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.	Conversation about small business sector (5/16/16)
	6	Move towards the (whole building) multifamily BayREN model for Commercial Energy Watch programs.	SFE	PG&E (possibly also CPUC?)	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.	Conversation about small business sector (5/16/16)
	7	City recommend CPUC and PG&E allow Energy Watch clients to receive actual not deemed savings.	SFE	PG&E, CPUC	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.	Conversation on the Bay Area Regional Energy Network Program (6/20/16 – 5:00)
	8	Form a model in which independent businesses of similar type can be considered together in terms of energy savings.	SFE	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 Retails 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.	Member Zouzounis – email.
Streamline the Process for Upgrades	9	Increased outreach on existing energy efficiency programs from various city agencies.	SFE	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.	Conversation about small business sector (5/16/16)
	10	Create benchmarking for multifamily buildings.	SFE	Board of Supervisors/Mayor	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.	Member Jamdar. Discussion of energy efficiency matrix (5/16/16)
	11	Modify San Francisco’s historical preservation	?			Member Kaufman –

- Broomhead, Cal (...), 11/17/2016 5:01 PM
Comment [10]: SFE has set up a micro-loan program. SFPUC/CPSF is working to add on-bill repayment.
- Broomhead, Cal (...), 11/17/2016 5:04 PM
Comment [11]: SFE is recently received USDOE grant to develop the tools needed similar to what was done for the BayREN MF programs. The grant will also perform pilot projects to verify the tools. If successful, SFE expects CPUC will fund continuation.
- Decker, Jordan 11/9/2016 3:45 PM
Comment [12]: This sounds like a request for whole building savings to be made eligible under the SF Energy Watch programming –
- Young, Daniel 11/9/2016 11:45 AM
Comment [13]: Ultimately, PG&E answers to CPUC on this.
- Decker, Jordan 11/9/2016 3:46 PM
Comment [14]: It may be worth noting that there are current v. actual savings issue was brought before to the CPUC last year by AB 802 and SB 350, and that the CPUC released a [white paper this summer](#) exploring how to change the baselines for EE programs funded by public goods charge funds. A recommendation could be that SFE/others stay on top of this proceeding?
- Young, Daniel 11/9/2016 1:49 PM
Comment [15]: Similar to comment on No. 2 above.
- Broomhead, Cal (...), 11/17/2016 5:16 PM
Comment [16]: Group purchasing for EE has numerous barriers. Small businesses would have to sign a binding contract that is then bid out to get the lowest cost. An SFE contractor or a local community development corporation might be the aggregating organization to hold the contracts.
- Decker, Jordan 11/9/2016 3:46 PM
Comment [17]: There is a metering issue with multifamily buildings that makes benchmarking currently infeasible (without meter investments). Some of this may (...)

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		requirements to <u>better enable efficiency and renewables.</u>				email.
	<u>12</u>	San Francisco Public Utilities Commission continue to work with the San Francisco Department of the Environment on CleanPowerSF 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 knowledge, infrastructure and track record to develop and implement energy efficiency for municipal buildings.	Discussion of CCAs (9/19/16)
	<u>13</u>	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	SFPUC / SFE		Member Steichen – email.
	<u>14</u>	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	CPUC	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 multi-family housing, this is especially useful outside of the 10-15 year financing lifecycle of the buildings.	Member Jamdar- edits
	<u>15</u>	Recommend that the California Public Utilities Commission create increased flexibility to allow the layering of energy efficiency programs.	SFE?	CPUC	There are various programs	Conversation on the Bay Area Regional Energy Network Program (6/20/16)
Remove	<u>16</u>	Create one database for	?			Member

- Broomhead, Cal (...), 11/17/2016 5:26 PM
Comment [18]: Needs specificity. Most EE measures are usually not an issue. Specific issues may be windows, doors, and any other exterior façade features. Solar panels are allowed on all buildings and would only be an issue in federally designated historic buildings.
- Young, Daniel 11/8/2016 3:28 PM
Comment [19]: This is redundant to #14 below.
- Mitchell, Lori 11/9/2016 3:58 PM
Comment [20]: Both SFE and SFPUC have experience in running EE programs.
- Broomhead, Cal (...), 11/17/2016 5:46 PM
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- Broomhead, Cal (...), 11/17/2016 5:46 PM
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- Patane, Angela 11/8/2016 4:46 PM
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- Broomhead, Cal (...), 11/17/2016 5:48 PM
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- Broomhead, Cal (...), 11/17/2016 5:49 PM
Deleted: programs being developed by CleanPowerSF.
- Mitchell, Lori 11/9/2016 3:47 PM
Deleted: n/a
- Young, Daniel 11/8/2016 3:24 PM
Deleted: Marin Clean Energy
- Mitchell, Lori 11/9/2016 3:58 PM
Deleted: innovatie
- Decker, Jordan 11/9/2016 3:54 PM
Comment [21]: Rewrite of the highlighted language is recommended. Whether or not there is huge potential will depend on the funding source for these programs. SFI ... [4]
- Broomhead, Cal (...), 11/17/2016 5:53 PM
Comment [22]: There is no cost-effecti ... [5]
- Broomhead, Cal (...), 11/17/2016 5:58 PM
Comment [23]: Staff needs clarificatio ... [6]
- Broomhead, Cal (...), 11/17/2016 5:59 PM
Comment [25]: Why a single database ... [7]

Barriers to Data Collection		benchmarking for all sectors.				Kaufman. Discussion of energy efficiency matrix (5/16/16)
	17	Recommend that the State of California change its data consent law.	SFE?	CPUC/CEC?	To obtain customer specific data, utility customers must sign a consent to allow the City access. This is a significant barrier to marketing of EE program, research to targeting customers, and the evaluation and monitoring of program success.	Conversation on energy data (7/18/16 – 27:00)
	18	San Francisco Department of the Environment do a survey of individuals served by energy efficiency programs to learn of their challenges.	SFE	n/a		Member Steichen – email.

Decker, Jordan 11/9/2016 3:59 PM
Comment [24]: Clarify the agency that will administer this and whether this would include municipal buildings.

Broomhead, Cal (...), 11/17/2016 6:05 PM
Deleted: The only way to obtain data on energy usage in California is by showing that

Broomhead, Cal (...), 11/17/2016 6:07 PM
Deleted: the use of that data

Broomhead, Cal (...), 11/17/2016 6:08 PM
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Broomhead, Cal (...), 11/17/2016 6:09 PM
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Broomhead, Cal (...), 11/17/2016 6:11 PM
Comment [26]: Staff would like more specificity on the purpose of the surveys. The purpose of the survey shapes the target audience, timing, and questions.