

Energy Council
TECHNICAL ADVISORY GROUP (TAG)

Tuesday, April 19, 2016 – 1:00 pm to 3:00 pm

Attendance:

City of Albany: Claire Griffing (phone)

City of Berkeley: Billi Romain, Caytie Campbell-Orrrock (Civic Spark)

City of Emeryville: Nancy Humphrey, Hoi Fei Mok (Civic Spark)

City of Fremont: Rachel DiFranco

City of Hayward: Mary Thomas, Gilee Corral (CivicSpark)

City of Livermore: Judy Erlandson (phone)

City of Oakland: Shayna Hirshfield-Gold, Ben Silverman (Civic Spark), Naomi Wentworth (Climate Corps)

City of Piedmont: Emily Alvarez, Matt Anderson (Civic Spark)

City of San Leandro: Sally Barros

StopWaste: Karen Kho, Wendy Sommer, Heather Larson, Wes Sullens, Candis Mary-Dauphin, Miya Kitahara

Guests: Seth Baruch (Carbonomics), Albert Lopez (Alameda County)

MEETING NOTES

Board Updates

- Priorities went to Board for 2016 -2018 – adopted by the board. No changes made.

CCE formation process

- Planning to Launch in April of 2017
- Currently creating JPA – currently in outreach phase. Meeting with City attorneys to familiarize them with the structure and components of agreement. Would like to get commitments by October 31st.
- Risks – Opt out and rate fluctuation, and spiking exit fees.
- Next steps – Technical Study is currently underway, primarily focusing on CCA demand and supply. Study will also assess the potential for energy efficiency programs. Surveying local community stakeholders on the value added of a CCA EE program model, and opportunity for value added, non-duplicative programs. The draft report is due for completion May 4th, to be finalized the end of May. The report will be available for public review. Next phase following the technical study is program development.
- Governance will consist of participating cities – either weighted based on population/demand, or by majority. Also considering one city, one vote, with weighted voting more reserved for contentious issues. Governance is covered in the JPA Agreement.

BayREN Program Updates

- BayREN 2017 Business Plan proposals
 - Multifamily
 - Increase saving requirements in MF program
 - Phasing away from incentives within the 10 year horizon
 - Encouraging property to approach ZNE

- Single Family
 - Home Upgrade program is expensive and there's been an ongoing debate about cost of savings. A 10 year commitment was made by the PUC in 2012 – will continue at least for another 7 years, might be revisited sooner.
 - Looking at opportunities for behavioral programs
- Commercial
 - 4 proposed solutions:
 - Continue Commercial PACE and increase activity
 - SMB advisor – taking the Home Upgrade advisor model from HU and extending it to small businesses – go beyond energy. Create a one stop shop model. TAG comments:
 - Similar to EBEW's Your Energy Manager – an independent advisor -- could fold YEM into this, since it does have coast effectiveness requirements.
 - It would be more attractive to businesses to have one site visit instead of multiple, as with the current green business program
 - Co-Pay financing – micro financing intended to help businesses to participate in a rebate program – CCC and SF have been doing this and have seen significant increases in participation. TAG comments:
 - Revolving loan fund needs to be shopped around to all the LGPs to see how they complement existing programs
 - Should conduct outreach to direct install programs
 - This solution would be more effective at scale
 - This solution should not necessarily be limited to energy efficiency – since there will be non-CPUC capital
 - SMB Pay for Performance – Work with existing local government partnerships. Establish BayREN as aggregator of existing programs. TAG comments:
 - This solution seems resource intensive with a long lead time
- Codes
 - Identifying problems and long term solutions – Complexity of Energy Code and forms, REACH codes, Engagement of Building Officials and Contractors, Enhancing current activities. TAG Comments:
 - Removing barriers to fuel switching – the code issue – letting people know how to do it.
 - Open up beyond energy efficiency – water efficiency, and renewables deployment. energy storage could be key
 - Reconvene about microgrid projects at a future TAG meeting
- Current program updates
 - PG&E has provided additional funds for Single Family

Grant Application Opportunity - [DOE Cities-LEAP FOA](#) for Data-Driven Decision Frameworks by Local Governments

- Concept papers due May 17th, Full proposal due June 23rd
- Requires partnering with academic institution

- City of Oakland is considering applying
- Concept
 - Quantifying time of use – to calculate emissions reductions potential of programs – and develop a tool that captures the impact of load shifting, the tool would integrate an “if – then” mechanism, to allow cities to apply the best use of technology
 - Potential Partners - Air District, Chris Jones at UC Berkeley
 - Tool for integrating Climate Action Plan and General Plan
 - Shayna and Rachel interested in reviewing concept paper, will also put into DropBox
- Air District is proposing a project on Ground Source Heat Pumps, mapping soil and subsurface properties to determine where ground source heat pumps are most effective. Would create a publically available map and estimation of GHG savings by climate zone. StopWaste may partner on this concept to integrate local government use cases.

CAP 2.0 Continued

- Consumption Based Emissions Inventory (CBEI) template feedback
 - Reviewed and approved by ICLEI, Air District, and Chris Jones (UC)
 - Intended to be used as a narrative to add to existing data
 - Components of the template include: Logic of current inventory, discussion of CBI and traditional inventories’ validity, relevance in the Bay Area, current data obstacles, data observations and findings, electrification, list of potential measures/strategies that effect CBI inventories
 - TGA Comments:
 - 3 pages is a good length
 - Members will be able to provide more input once it’s utilized
- [CAP 2.0 planning survey](#) responses summary – moved to a later date due to lack of responses

Member Comments & Discussion (10 min)

Sunshares

- BC3 wants Letters of Commitment by May 27th. Want cities to commit to a certain level of outreach which will be determined by the cities. Adoption of a resolution is not required.
- Timeline:
 - RFPs will be put out the first week of June – city will send 1 rep to serve on evaluation committee
 - Proposals sent in early July, selected end of July, Launched end of July/August. Program would run for 3 months.
- EV component – In the past, the dealership offered an additional \$7k reduction on top of federal and state incentives.
- Interested Jurisdictions: Piedmont, Emeryville, Berkeley, Oakland, Fremont, San Leandro, maybe Hayward and Dublin
- Multifamily/HOA group purchasing may need to be a separate round, as outreach would differ.

NEXT TAG MEETING: May 17, 2016 1-3pm

3:00-4:30 pm ICLEI Work-session on Compact of Mayors (COM)/GPC Compliant Inventory