

MEETING NOTES
Energy Council
TECHNICAL ADVISORY GROUP (TAG)

Tuesday, February 21, 2017 – 1:00 pm to 3:00 pm

Attendance:

City of Alameda: Maria DiMiglio (phone)
City of Albany: Claire Griffing
City of Berkeley: Billi Romain
City of Dublin: Rebecca Parnes
City of Fremont: Rachel DiFranco
City of Hayward: Erik Pearson
City of Livermore: Judy Erlandson (phone)
City of Oakland: Shayna Hirshfield-Gold
City of Piedmont: Emily Alvarez
City of San Leandro: Sally Barros
StopWaste: Heather Larson, Miya Kitahara, Candis Mary-Dauphin

Civic Spark: Fanny Yang, Christopher Sturken, Benjamin Davenport, Olivia Ashmoore, Jacob Strauss, Kranti Malik, Yoni Carnice, Bree Swenson

Meeting Notes

Energy Council Board Updates

- The BayREN contract was taken to the board and accepted at up to \$6 million.
- Karen provided a CCA update informational item which included an overview of Energy Council activities. Her presentation is available for staff to use internally. It covers Energy Council core competencies, timelines and proposals.

CCE Updates

- Rachel attended the local development business planning meeting. Solar siting survey next steps and county capacity were discussed. Meeting attendees examined ways CCEs could roll out programs and tariff structures, long-term and short term renewable energy and job growth goals, and RFP next steps.
- Sally and Erik were at the last EBCE meeting. The consultants are trying to put a reality check on the launching date discussion, which they believe will not happen until 2018. Three consulting firms are being considered for marketing, call center, and energy procurement. Each firm will have to go through a CPUC review process which will further delay the launch.
- The delay will give Contra Costa County cities more time to join initial group. A spring launch may have a positive impact on rates as well.

- Five consultant teams have been interviewed. There was a mix of teams that had planning and energy backgrounds, and others had software development experience. Teams were all local and comprised of multiple firms.
- No one has heard any updates on Contra Costa County cities' decisions on joining EBCE. There are council meetings at Contra Costa County cities scheduled.
- The CPUC had an en banc meeting on CCAs in energy efficiency. Commissioner said positive things about Sonoma's model.
- LGSEC is working on a Business of Clean Energy event. It will be in Southern California in May this year.

Program Updates

- BayREN multifamily program completed 1,215 units in 2016. The pipeline for 2017 is healthy, with 74 units already in construction and 1,800 units in TA.
- SW will launch Alameda County outreach in early spring, and is seeking workshop locations.
- Program participants are being recognized this year at the City of Hayward's Environmental Awards and on San Leandro's "San Leandro Next" blog. SW is seeking additional opportunities to recognize program participants.
- The Multifamily Energy Efficiency Rebate single measure program has been discontinued for the remainder of 2017
- Albany Schools and San Leandro possibly interested in BayREN ZNE assistance. Additional interested jurisdictions should contact Heather.

CEC Local Government Challenge Grant

- Oakland is putting in an application for its eco-block
- StopWaste is putting together 2 proposals
 - CAP 2.0- Small Cities
 - Albany, Dublin, Piedmont, and San Leandro have joined. Unincorporated Alameda County might also join. This is a needs-based funding source, but our argument is that we will deliver innovative climate action plan components that are needed, that have not yet been developed such as grid 2.0 reliability issues, the duck curve and plugging into EE measures. There will also be a focus on forecasting modeled after Berkeley's Wedge analysis.
 - Multifamily Policy- Large Cities
 - Berkeley and Hayward currently on board, grant will leave it open to up to two additional jurisdictions. Our concept is disclosure policy at time of rental inspection as trigger event, as there is a lot of pushback from realtor community with other triggers. For this grant, we are not looking to filter money to the cities, and are planning to hire a consultant.

Microgrid Interconnection Policy Barrier

- City of Fremont shares issues encountered with storage sizing in PG&E Net Energy Metering rate design
- GridScapes designed a system that would provide 3 hours of islanding and recharging for emergency facilities.
 - They were informed that PG&E does not allow battery system to be sized more than 150% of solar capacity. They want to prevent the possibility of storing energy at a low cost and selling it back at high cost. This restriction puts a parameter around the extent to which microgrids can be used as a resiliency strategy for the community.
 - Excess generation would have to be sold through a PPA, which would not be financially viable
 - Fremont could also sell excess energy through an arrangement with CAISO, but would take more time than they have to submit to the grant
 - Part of the feasibility plan is to look into tariff structures. The outcome could be a recommendation on a rate design for a CCA.
- This NEM issue is also affecting Berkeley, and possibly Oakland.
- SW could manage a consultant to explore this issue if the TAG wants to make it a priority.

State and Regional Climate Action Planning Activities

- CARB and BAAQMD are presenting at the next Joint Ventures Silicon Valley climate task force meeting on 3/9, but comments are due on the CARB scoping plan on 3/6 and on the BAAQMD Clean Air Plan on 3/6.
- SW is submitting comments on the energy and waste areas and wanted to solicit feedback and additional comments prior to deadlines
- CARB 2030 Scoping Plan (comments due 3/6)
 - Looking at 2030 targets and what state is going to do to help them get to these targets.
 - Prefers a market based mechanism, so will probably propose cap and trade
 - Local guidance
 - Sticking to per capita goals – CARB did not respond to prior comments stating that per capita goals may not be appropriate in some jurisdictions
 - Cities need access to industrial emissions data in order to accurately track progress toward goals.
 - TAG comments and feedback:
 - Some cities are already below the goal, and could be discouraged by goal to continue progress
 - If we're not talking about the built environment, maybe we shouldn't have a 2030 goal – should mostly focus on 2050 target.

- Suggested alternative goal: different types of communities could have different goals. Could have a target and adjust it for population growth, or weight it by community composition.
 - Consider looking into Carbon Cities framework for deep decarbonization for suggestions
 - Consider looking at service population instead of per capita goals
 - Consider 40% reduction or or 6 tons, whatever is stronger
- Appendix B is a laundry list of climate action measures jurisdictions can include to get to goals. TAG comments and feedback:
 - Specify how the state is going to support these goals. Discuss how jurisdictions in the county have been working toward these things and have been encountering financial and regulatory barriers.
 - Clarification on meeting electric vehicle goals
 - IOUs have proposals out to build out EV infrastructure
 - There's an EV meeting tomorrow in San Francisco
 - Fremont and Oakland both have ordinances or will have ordinances for EV charging.
- BAAQMD 2017 Clean Air Plan (comments due 3/9)
 - Electricity generation and building sectors areas included renewable energy generation, green building, and decarbonizing buildings
 - TAG comments & feedback
 - Comments - help local governments with storage through assistance with permitting, rate structure issues, automated demand response.
 - Provide rules of thumb for implementing recommended strategies
- Consumption Based Emissions Inventory (CBEI) update & BAAQMD next steps:
 - Framing local government role on production, consumption and GHG impacts. Creating enabling conditions, and launching campaigns to encourage low carbon consumption options. GHG Impacts should be evaluated based on net global emission impacts compared to baseline or alternatives.
 - Air district has agreed to come to TAG so that we have the opportunity to inform what they do in their next phase, which needs to be scoped by June.
 - C40 and USDN are also getting involved in this item. C40 is going to perform a CBEI for some of their cities.
 - ICLEI is working on a protocol update and StopWaste will be providing input.

Green Cities CA Coordination

- Fuel switching priority was adopted by board. Green Cities met 2 weeks ago. Fuel switching was a topic of conversation for follow-up. Green Cities has helped identify barriers (3 prong test) and has guided discussion around overcoming policy barriers.
- SW is considering partnering with Green Cities to put together a convening in the fall.

- There are many concurrent conversations occurring on fuel switching. StopWaste would like to get a group together to discuss the issues and levers around fuel switching.
- BayREN is having a forum in March on Electrification. Richmond is having conversations about it.
- Berkeley is working on a permitting guide for switching from gas water heaters to heat pumps
- Berkeley and Pierre from NRDC will present to TAG in April on fuel switching topics.

Member Comments & Discussion

- Group is interested in a EV follow-up discussion
- Fuel switching follow-up discussion is scheduled for April.

NEXT TAG MEETING: March 21 2017 1-3pm