MEETING NOTES
Energy Council
TECHNICAL ADVISORY GROUP (TAG)

Tuesday, May 17 2016 – 1:00 pm to 3:00 pm

Attendance:
County of Alameda: Damien Gossett
City of Berkeley: Billi Romain, Caytie Campbell-Orrock (Civic Spark)
City of Dublin: Kathy Southern
City of Emeryville: Nancy Humphrey, Hoi Fei Mok (Civic Spark)
City of Hayward: Mary Thomas, Gilee Corral (Civic Spark)
City of Livermore: Judy Erlandson (phone)
City of Newark: Myvan Khuu-Seeman (phone)
City of Oakland: Shayna Hirshfield-Gold, Ben Silverman (Civic Spark)
City of Piedmont: Emily Alvarez, Matt Anderson (Civic Spark)
City of San Leandro: Sally Barros
StopWaste: Karen Kho, Heather Larson, Wes Sullens, Candis Mary-Dauphin, Miya Kitahara, Judi Ettlinger, Tommy Fenster
Guests: Lorin Fink (ClearResult)

Board Updates
• The meeting is next Wednesday. The Cities of Pleasanton and Livermore have requested to become members of the Energy Council.

CCE Technical Study
• The study took a cursory look at EE programs, and mentioned programs that existing implementers are already involved in.
  o Berkeley mentioned that there could be a net loss for EE program funding if Alameda County were to move forward with the CCE
  o ABAG met with the consultant about EE programs analysis. Consultants were encouraged to talk to SW and other Alameda County EE program players.
  o Emeryville is taking to council the possibility of switching all municipal facilities to PG&E’s Solar Choice. 50% of municipal energy GHG emissions would be offset.
  
  • MCE will not consider membership for any jurisdiction whose county is considering forming its own CCA

BayREN
• BayREN 2017 Business Plan proposals
  o Codes
Enforcement is running behind energy code updates and experiencing challenges implementing changes locally. Solutions include better trainings, multilingual guidelines and texts, e tools, code development advocacy.

Building departments do not have time to advocate for their needs.

- TAG agrees on the importance of advocacy role
- Inconsistency in code enforcement among Bay Area jurisdictions. Solutions include forums, enhancement services

- BayREN will have all Business Plans written up by the end of June. Any comments should be submitted before then.
- Public Sector – BayREN has identified the following niches as good fits:
  - Financing – i.e. revolving loan pool
    - CEC needs the project fully scoped in order to meet eligibility. Can be problem for cities. Also, wants 100% of savings.
    - Cap and trade – is there value? – local governments could become more active players – BayREN or another entity could help them. Paperwork is cumbersome; also requires hiring of a broker to trade credits.
  - Special Districts – Could administer programs targeted to schools, BART, EBMUD etc

**Municipal Zero Net Energy (ZNE) and Carbon Neutral Policies**

- Bay REN C&S ZNE reach code pilot update
  - Have been notified of additional funding – should be able to serve more projects/jurisdictions – could also support portfolio review and additional engineering and analysis
  - With CalGREEN in 2015/2016 – SW technical assistance was scaled back
  - Taking a new approach this year – shifted from green building to built environment
    - Adaptation and climate planning
    - ZNE and carbon neutral
    - Regulatory tracking
  - Scale up – 2017
    - Replicable analysis – supporting adoption as we develop templates etc. Could also go beyond ZNE and incorporate carbon neutral project implementation

- City of Hayward, Mary Thomas
  - Bringing Municipal ZNE Ordinance to council this evening – anticipated to pass
  - More aggressive than state of CA directives and goals (EO B-18-12)
  - Existing ordinance requires LEED silver for municipal buildings larger than 20,000 sq ft
  - Staff proposed that all new municipal buildings designed after 2025 be ZNE, but Sustainability committee wants to start now – January 2017
  - Fiscal impacts – fire station retrofits could cost 26-32% with ZNE integration
  - Carbon Neutrality for existing buildings
    - Going to sustainability committee in July
    - The city is already producing about half of its energy use – going to double cogeneration and solar generation within the next few years
- Recommending a goal for 2025 – did not include solid waste or fuel from vehicles
- Estimated cost - $20-30 million to get enough solar to go neutral

**CAP 2.0 planning survey responses summary**
- Most cities are planning to do a stand along CAP. SW will be able to support same level of effort for everyone.

**Single Family Contractor Engagement**
- Home Upgrade Advisor Discussion, Clear Result
  - All cities have less than 1% market penetration
  - Based on income and climate, greatest untapped potential exists in Fremont, Hayward, San Leandro, and San Lorenzo
  - Alameda County has 19.9 percent of BayREN region’s housing stock – 20.5% of jobs HU and AHU jobs, 16.2% of rebates – due to climate
  - Program is still growing – indicates that there’s still demand
  - Barriers for growing contractor network
    - Onboarding takes time – difficult choice for contractors to make
    - Must develop relationships to meet program’s safety requirements (BPI, Specialty Contractor).
    - Additional complexity of the job due to paperwork and testing required at the end
    - Lack of administrative support at small companies – paperwork can be submitted online, has been streamlined, but still takes time
    - Communication within the organization lost in translation
  - Solutions
    - Onboarding template and follow up
    - Facilitate partnerships – with safety testers and
    - Advisor outreach and follow-up – Sales Service Champions
    - Contractor identification – working with building departments to see if there are contractors on the list that are submitting jobs, to work with them further

**Member Comments & Discussion**
- Sunshares – Oakland, Piedmont, Fremont, San Leandro, Hayward, Dublin (likely) and Emeryville (on council agenda for 6/7) – Judy will look into joining for Livermore
- Piedmont took ABAG RCSA to council - it was approved
- Sally solicited EBEW subcommittee membership

**NEXT TAG MEETING:** June 21, 2016 1-3pm