

South Bay Cities Council of Governments

Energy Efficiency Climate Action Plan Working Group

April 16, 2014
4:00 pm - 5:00 pm

Minutes

Attendees: Saied Naaseh (Carson), Yalini Siva (Gardena), Doug Krauss (Hawthorne), Pamela Townsend (Hermosa Beach), Mindala Wilcox (Inglewood), Grace Huizar (Lawndale), Kelley Thom (Rolling Hills Estates), Danny Santana (Torrance), Jacki Bacharach (SBCCOG), Kim Fuentes (SBCCOG), Sabrina Bornstein (SBCCOG), Jenn Alderete (SBCCOG), Rosemary Lackow (SBCCOG), Cheryl Laskowski (Atkins)

Assessment & Planning Report

- Atkins is working on the plan for the rest of the project that is individualized for each city. The plan includes a summary of current emissions inventories and lists out existing efforts.

Existing Efforts (numbers to be verified)

- ELP status for cities: 4-VALUE, 4-SILVER, 4-GOLD, and 3-PLATINUM
- 12 cities are participating in HERO
- 7 cities are on board with Figtree
- 12 cities have EAPs
- 7 cities have workbooks with existing plans & policies
- 2 cities have CAPs (1 community-wide, 1 municipal)
- Existing inventories from 2005, 2007 are being reviewed as well as the 2020 projections

Major Recommendations:

- Water sector: covered in next presentation
- Jurisdictional control approach: e.g., refineries, water pollution control plant, hydrogen plant (Emissions which local jurisdictions have no control to change; for example, a landfill that is already being monitored by state regulations)
- Global Warming potential (GWPs): Use 2007 IPCC report factors
- Off-Road sources: base estimates on data related to activity (construction and mining equipment, industrial equipment, lawn and garden, light commercial) by household and not parcel size. It was noted that Hermosa Beach has small parcels vs households and wouldn't necessarily have the same yards and lawn equipment based on number of households as another city with larger lots might have.
- Add recommended categories: (These were not included previously) agricultural equipment, recreational equipment (calculated by population or income based)
- There was some concern expressed regarding how off-road source emissions would be identified and assessed for the South Bay cities. The consultant team agreed to work with the SBCCOG to make sure issues of concern were addressed.

New inventory:

- State recommends a baseline around 2005. Recommending to keep 2005 as the baseline inventory, to update 2005 and 2007 inventories to be consistent with current protocol, and to look at new inventory years 2012 and potentially 2010.
- Recommend to update 2020 forecasts based on current projections and to add a 2035 forecast.

Recommended Outreach:

- Varies by community and where each city is with their general plan, community groups, websites, stakeholders, environmental commissions, planning commissions, and city councils.

Next Steps: Data Collection

- Demographics: Atkins will be collecting the data (from SCAG), and asking each city to verify the data.
- Water: Atkins will request the water data from water districts for cities that are not water retailers; cities that provide water will be asked to provide data.
- Gas & Electricity: COG to obtain data.
- Employee commute: for cities with 250 or more employees, Atkins can potentially use the existing reporting data for the AQMD average vehicle ridership survey. Hermosa Beach worked with a UCLA student to put together an in-depth survey (using Survey Monkey) to collect employee commute data. The purpose of their survey was to see what kind of programs might be effective for employees to encourage ridesharing or alternative modes of transit to work.
- Sabrina requested feedback from the group on their preference for a longer in-depth survey that could collect data that could benefit future planning vs. a short survey that would only satisfy the GHG emissions inventory update. The consensus was for an in-depth survey.
- Atkins will be putting together an Excel spreadsheet list of data items needed from the cities for the municipal GHG emissions inventory updates. Cities can provide data by filling out the spreadsheets or sending existing city forms or spreadsheets as long as the requested information is there.
- Cheryl reiterated cities shouldn't spend hours trying to get data and to let Sabrina or Cheryl know what you format the data are in and they can work through it.
- Sabrina will be sending cities a template email they can forward to SCG to request municipal natural gas consumption data.
- Atkins will be conducting the inventories and inventory updates as data are available. The schedule shows they are to be completed in June, but this timeframe is flexible and may be extended due to the long data collection process.

Next Steps: Assessment & Planning

- Draft Assessment and Planning reports will be distributed in the next few weeks for staff review. Staff are asked to provide comments to SBCCOG and Atkins by mid-June.
- Final drafts will incorporate comments from city and SCE.

Water-Energy Nexus

- Protocols recommend adding the water sector and embedded energy to CAPs
- Water-Energy Nexus: energy is required to collect, produce, transport, treat, deliver water to end users.
- Energy is used in the collection, treatment, and disposal or reuse of wastewater.
- Water is used in energy production for cooling, drilling, storing, and generating power.
- Supply source: Surface water, ground water, ocean desalination, brackish water, desalination, and recycled water.
- Nearly 20% of CA's electricity is used for water-related purposes.
- SBCCOG created the spreadsheet of where water comes from in the South Bay

Potential Water strategies:

- Incentivize conservation
- Codes and Standards
- Education and outreach
- Increase use of recycled water
- Increase system efficiency (looking at city internal system, like leaks, and pumping system)

SBX7-7(2009)

- Decrease per capita water use 20% by the year 2020

Other

- Sabrina shared SBCCOG has a password part to the website that could be used to post non-public information if the group is interested. No final decision was made for how to move forward. Sabrina will pose some options for the group to consider at the next EECAP meeting.
- Jacki Bacharach and Sabrina went to Sacramento in April to meet with agencies and discuss the Strategic Growth Council Grant; awards will be announced in May.