

C/CAG

CITY/COUNTY ASSOCIATION OF GOVERNMENTS OF SAN MATEO COUNTY

*Atherton • Belmont • Brisbane • Burlingame • Colma • Daly City • East Palo Alto • Foster City • Half Moon Bay • Hillsborough • Menlo Park
Millbrae • Pacifica • Portola Valley • Redwood City • San Bruno • San Carlos • San Mateo • San Mateo County • South San Francisco • Woodside*

AGENDA

Congestion Management & Environmental Quality (CMEQ) Committee

Date: Monday, October 28, 2013 at 3:00 p.m.
Place: San Mateo City Hall
330 West 20th Avenue, San Mateo, California
Conference Room C (across from Council Chambers)

PLEASE CALL Sandy Wong (599-1409) IF YOU ARE UNABLE TO ATTEND

- | | | | |
|----|---|-------------------------------------|-------------|
| 1. | Public comment on items not on the agenda | Presentations are limited to 3 mins | |
| 2. | Approval of minutes of September 30, 2013 meeting | Action
(Garbarino) | Pages 1 - 3 |
| 3. | Recommend adoption of the Final 2013 Congestion Management Program (CMP) for San Mateo County | Action
(Hoang) | Pages 4 - 7 |
| 4. | Receive a progress report on the San Mateo County Energy Watch 2013-14 program | Information
(Springer) | Page 8 - 15 |
| 5. | Executive Director Report | Information
(Wong) | |
| 6. | Member comments and announcements. | Information
(Garbarino) | |
| 7. | Adjournment and establishment of next meeting date:
November 25, 2013. | Action
(Garbarino) | |

NOTE: All items appearing on the agenda are subject to action by the Committee. Actions recommended by staff are subject to change by the Committee.

NOTE: *Persons with disabilities who require auxiliary aids or services in attending and participating in this meeting should contact Nancy Blair at 650 599-1406, five working days prior to the meeting date.*

Other enclosures/Correspondence - None

**CITY/COUNTY ASSOCIATION OF GOVERNMENTS COMMITTEE ON CONGESTION
MANAGEMENT AND ENVIRONMENTAL QUALITY (CMEQ)**

**MINUTES
MEETING OF September 30, 2013**

The meeting was called to order by Chair Garbarino in Conference Room C at City Hall of San Mateo at 3:03 pm. Attendance sheet is attached.

1. Public comment on items not on the agenda.

None.

2. Approval of Minutes of August 26, 2013 meeting.

Motion: To approve the Minutes of the August 26, 2013 meeting, Bigelow/Papan. Motion carried unanimously.

3. Local Shuttle Program Technical Assistance (Information).

Sandy Wong introduced this item as it provides follow-up information to previous discussion regarding local shuttle program improvement. The CMEQ committee had express interest in improving local shuttle coordination and management from a countywide standpoint. In response to that plus other interests, the San Mateo County Shuttle Business Practices Guidebook was developed. This "Local Shuttle Program Technical Assistance" has been developed in response to the Guidebook.

Joel Slavit of the San Mateo County Transportation Authority (SMCTA) make a presentation on the proposed Local Shuttle Program Technical Assistance which will make available \$100,000 for SamTrans to provide technical assistance to entities seeking future Measure A Shuttle funds. The goal of this technical assistance program is to assist prospective shuttle sponsors in planning, to ensure shuttle services complements fixed-route service, and to fulfill unmet transportation needs (emission reduction & alternative fuels). A kick-off workshop is scheduled for October 23, 2013 at 10 am at the SamTrans Auditorium.

CMEQ members would like to receive performance results of the technical assistance program after it is in place. CMEQ members also expressed desire to coordinate the local shuttle programs with privately operated shuttles. Additionally, it was suggested that shuttles should be better promoted/advertised because some people seem to not know about the availability of certain shuttle(s).

4. Update on potential stormwater funding initiative (Information).

Matt Fabry reported on some challenges in developing the analysis on existing spending and revenues for stormwater management for each of the 21 jurisdictions, as well as the quantification of future permit compliance costs.

Matt also reported that legislation to enable C/CAG to pursue funding initiative has been on hold due to the confusion of varying opinions with regard to the different sections of government codes. In light of the state legislative session ended on September 12, work on this will resume at the beginning of 2014.

5. Review and recommend approval of the call for projects guidelines and application for the C/CAG Priority Development Area (PDA) Planning Program.

Wally Abrazaldo, C/CAG staff, made a presentation on the proposed call for project guidelines and application for the C/CAG Priority Development Area (PDA) Planning program. This proposal, if recommended by the CMEQ, will be presented to C/CAG Board for approval and it will make \$1.6 million available, on a competitive basis, to assist local jurisdictions in PDA planning. Due to the total dollar amount available, and the administrative burden of using Federal funds, staff recommended \$250,000 and \$500,000 as minimum and maximum grant sizes, respectively. The recommendation was supported by the CMP Technical Advisory Committee (TAC).

A discussion ensued regarding lowering the minimum grant size to \$200,000, if the program is undersubscribed.

Motion: To recommend approval of the call for projects guidelines and application for the C/CAG PDA Planning Program, Papan/Bigelow. Motion carried unanimously.

6. Executive Director Report.

Sandy Wong, C/CAG Executive Director, reported back to the CMEQ committee regarding C/CAG Board's decision on the El Camino Real Relinquishment Study. At the September meeting, the C/CAG Board passed a motion to take no position regarding said study.

7. Member comments and announcements.

Member Aguirre announced that she will be making the trip to Washington DC with Carl Guardino of the Silicon Valley Leadership group to help making progress at the Federal level and to advocate for San Mateo County and the Bay Area.

8. Adjournment and establishment of next meeting date.

Meeting adjourned at 4:04 pm.

The next regular meeting was scheduled for October 28, 2013.

C/CAG AGENDA REPORT

Date: October 28, 2013
To: Congestion Management and Environmental Quality (CMEQ) Committee
From: John Hoang
Subject: Recommend adoption of the Final 2013 Congestion Management Program (CMP) for San Mateo County

(For further information contact John Hoang 363-4105)

RECOMMENDATION

That the CMEQ Committee recommend adoption of the Final 2013 Congestion Management Program (CMP) for San Mateo County.

FISCAL IMPACT

It is not anticipated that the changes in the 2013 CMP will result in any increase in the current fiscal commitment that C/CAG has made to the Program.

SOURCE OF FUNDS

Not applicable.

BACKGROUND/DISSION

Overview

Every two years, C/CAG as the Congestion Management Agency for San Mateo County, is required to prepare and adopt a Congestion Management Program (CMP) for San Mateo County. The CMP is prepared in accordance with state statutes, which also establish requirements for local jurisdictions to receive certain gas tax subvention funds. The CMP's conformance with regional goals enable San Mateo County jurisdictions to qualify for state and federal transportation funding.

The Metropolitan Transportation Commission (MTC) also provides guidance for consistency and compatibility with the Regional Transportation Plan (RTP). MTC's findings for the consistency of CMPs focus on five areas:

- Goals and objectives established in the RTP,
- Consistency of the system definition with adjoining counties,

- Consistency with federal and state air quality plans,
- Consistency with the MTC travel demand modeling database and methodologies; and
- RTP financial assumptions.

For this year’s update, MTC recommended additional information for inclusion in the CMP which includes:

- References to statutory requirements MAP-21 for RTP and air quality conformity requirements
- References to the Plan Bay Area and performance targets in the latest adopted RTP

2013 CMP Update

The C/CAG Board approved the Draft 2013 CMP on September 12, 2013 and authorized its release for review and comments. The Draft 2013 CMP and the notices of its availability for review were issued on September 17, 2013 to all interested parties including local and regional transportation agencies and local jurisdictions. Comments were due by October 16, 2013. In addition to comments received from the TAC, CMEQ, and Board, C/CAG also received comments from the City of Menlo Park. Comments were taken into consideration and incorporated into the Draft Final 2013 CMP as feasible.

Since the draft version was presented to the CMEQ Committee in August, minor editorial changes were made to the 2013 CMP and appendices in addition to the following items of note:

- Updated Table 5-1: San Mateo County Employed Residents (Mode of Transportation to Work)

Mode	2000	% of Total	2010	% of Total	2012	% of Total
Drive Alone	256,066	72%	248,192	70%	261,259	70%
Carpool	45,367	13%	39,750	11%	37,323	10%
Public Transportation	26,029	7%	28,430	8%	33,488	9%
Walked	7,609	2%	11,023	3%	8,976	2%
Motorcycle	878	0%				
Bicycle	2,896	1%	7,567*	2%	9,493*	3%
Other Means	2,406	1%				
Work at Home	12,845	4%	17,722	5%	20,099	5%
TOTAL	354,096		352,684		370,638	
Total Population	707,161		718,451		739,311	

Source: 2000 Census; US Census Bureau; American Community Survey 1-Year (2010, 2012)

* Available data provided combined Motorcycle, Bicycle, and Other Means

- Updated Table 5-2: San Mateo County’s Employment and Employed Residents

	2010	2015	2020	2025	2030
Employment (Total Jobs)	345,200	374,920	407,557	414,558	421,558
Employed Residents	349,183	374,526	406,029	412,475	417,876
Ratio of Employment to Employed Residents*	1.01	1.00	1.00	0.99	0.99

Source: ABAG Projections 2013

* An ideal ratio is 1.0, which indicates that every resident seeking a job can find one within the community.

- Updated Table 8-1: Proposed 2014 State Transportation Improvement Program (STIP) to include the latest project list (Attachment)

2013 CMP approval schedule

On September 24, 2013, MTC released the updated CMP schedule as follows (*updates in italics*):

<u>Date</u>	<u>Activity</u>
August 15	Draft CMP to TAC
August 26	Draft CMP to CMEQ
September 12	Draft CMP to Board
<i>September 17</i>	<i>Distribute Draft CMP for comments</i>
October 17	Final CMP to TAC
October 28	Final CMP to CMEQ
<i>November 11</i>	<i>CMP due to MTC (draft or final)</i>
November 14	Final CMP to Board
<i>December 18</i>	<i>MTC’s Consistency Findings and approval of 2014 RTIP</i>

Staff request that the CMEQ Committee recommend adoption of the Draft Final 2013 CMP and allow staff to incorporate any additional comments received prior to presenting to the Board for adoption in November.

Since the majority of the CMP document remains unchanged, only electronic versions of the documents are being provided to the CMEQ Committee. The Draft Final 2013 CMP and Appendix are provided electronically only and can also be downloaded from the following webpage <http://ccag.ca.gov/studies-2013CongMgmtPrg.html>

ATTACHMENT

- Table 8-1: Proposed 2014 State Transportation Improvement Program (STIP)
- Draft Final 2013 CMP (*provided electronically as a separate PDF file*)

Table 8-1: Proposed 2014 State Transportation Improvement Program (STIP)

Lead Agency	Rte	PPNO	Project	Total	(Info Only) Prior Year	(Info Only) 13-14	14-15	15-16	16-17	17-18	18-19
SMCTA	101	702A	US 101/Broadway Interchange	23,218	4,218	19,000					
SMCTA	101	690A	US 101/Willow interchange reconstruction	28,951	8,480				20,471	20,471	
SMCTA/ Pacifica	1	632C	SR 1 Calera Parkway - Pacifica	6,900			6,900	6,900			
SMCTA/ Pacifica	1	2140H	Hwy 1 San Pedro Creek Bridge Replacement	3,000	3,000						
San Mateo	92/82	668A	Phase 1 of SR 92 Improvement from I-280 to US 101 - Construction of Operational Improvement at the SR 92/El Camino Real Interchange	5,000					5,000		
SM C/CAG	92	668D	Phase 2 of SR 92 Improvement from I-280 to US 101 - Environmental Study for Improvement at the SR 92/US 101 Interchange Vicinity	23,839				2,411	2,411	3,217	18,211
SM C/CAG	VAR	2140E	Countywide ITS Project	4,298			800	800	3,498		
SM C/CAG	VAR	2140F	Smart Corridor Segment (TLSP)	10,000	10,000						
SM C/CAG	VAR	2140F/Q	Smart Corridor Segment (STIP) - Segment 3 to Santa Clara county line	1,977	1,977						
			SUBTOTAL - HIGHWAY (2014/15 thru 2018/19):	60,508				7,700	10,909	23,688	18,211
JPB		2140J	CalTrain San Bruno Ave Grade Separation (HSRCSA)	19,203	19,203						
BART		1003J	Daly City BART station improvement, elevator, lighting	900	900						
			SUBTOTAL - PTA ELIGIBLE (2014/15 thru 2018/19):	0							
SM C/CAG		2140L	TE Reserve (County Share)	1,964			1,964				
MTC		2140C	TE Reserve (MTC Share)- ECR Complete Streets	1,991		995	996	1,991			
MTC		2140	Planning, programming, and monitoring (MTC)	345			64	67	69	72	73
SM C/CAG		2140A	Planning, programming, and monitoring (CMA)	1,658			355	165	462	338	338
			SUBTOTAL - TE and PLANNING (2014/15 thru 2018/19):	3,994			419	2,223	531	410	411
			Grand Total (2014/15 thru 2018/19):	64,502		19,000	419	9,923	11,440	24,098	18,622

C/CAG AGENDA REPORT

Date: October 28, 2013
To: Congestion Management and Environmental Quality Committee
From: Kim Springer, Susan Wright, County Staff to C/CAG
Subject: Receive a progress report on the San Mateo County Energy Watch 2013-2014 Program
(For further information contact Kim Springer at 650-599-1412 or Susan Wright at 650-599-1403.)

RECOMMENDATION

Receive an informational update on San Mateo County Energy Watch Program progress.

FISCAL IMPACT

\$840,000 over the 2013-2014 current (two-year) program cycle.

SOURCE OF FUNDS

Most all SMCEW program staff costs and expenses are paid for by funding under the C/CAG – PG&E Local Government Partnership (LGP) agreement. Additional matching funds , specifically for transportation-related Climate Action Planning efforts, come from Congestion Relief Funds.

BACKGROUND/DISCUSSION

San Mateo County Energy Watch is a local government partnership between C/CAG and Pacific Gas and Electric Company (PG&E). This program is managed and staffed by RecycleWorks, a program of the County of San Mateo. Other program partners include Ecology Action for “turnkey” lighting and refrigeration projects, and El Concilio of San Mateo County for installation of energy and comfort improvements for moderate-income residential customers. The two-year program cycle is running from January 1, 2013 through December 31, 2014.

San Mateo County Energy Watch (SMCEW) was initially established to focus on programs that target energy savings in the municipal, non-profit, and residential program sectors. In past years, SMCEW’s municipal program has completed energy efficiency benchmarking, audits and/or energy-efficiency projects in all the cities and a number of other special districts in San Mateo County. Additionally, SMCEW has completed projects for a variety of non-profit organizations, including food closets, home owners associations, and numerous congregations.

In 2013-2014, the program contract added schools and farms.

Historical Energy Savings Results

In the previous (2010-2012) three-year program cycle, the SMCEW exceeded its goal, reaching 10 million kilowatt hours of energy savings and shaving approximately 1,500 kilowatts of peak

energy usage in San Mateo County. Although the program did not reach its individual goal for natural gas Therms savings, it did support PG&E's attainment of its total program Therms-saving goal about six months ahead of schedule.

On February 14, 2013, SMCEW staff and program partners presented a ceremonial check for \$1.6 million dollars to the C/CAG Board, which represented the rebates and incentives paid to San Mateo County ratepayers as a result of savings generated by the SMCEW program in calendar years 2010-2012. The electricity savings for the past program cycle represents the energy use of approximately 2,200 small homes.

Current 2013-2014 Program Energy Savings Goals

For the calendar year (CY) 2013-2014 program cycle, the LGP contract goals are:

- 6.4 million kilowatt hours
- 950 peak kilowatts
- No contracted Therms reduction goal in 2013-2014

2013-2014 Accomplishments

In the final six months of CY 2012, the SMCEW staff began presenting energy-saving opportunities to San Mateo County municipalities in a new approach called Comprehensive Energy Recommendations (CER). The CER approach combines multiple energy saving retrofit measures into a bundle of projects designed to, collectively, reduce the simple payback time of deeper energy saving projects, such as boiler replacements, that generally have long simple payback periods. The CER approach also includes promoting a PG&E-offered 0% On-Bill Financing opportunity, and a strategy of presenting energy efficiency as an investment.

In 2013, the same approach has continued. As of October 2013, CER proposals have been presented to the cities of: Belmont, Burlingame, Foster City, Menlo Park, Portola Valley, Redwood City, San Mateo, and South San Francisco.

As of July 2013, the following cities and special districts have completed projects totaling approximately 2.6 peak kilowatts and annual energy savings of approximately 1.3 million kilowatt hours: Brisbane, Millbrae, Redwood City, Foster City, Pacifica, Menlo Park and CalTrans.

The SMCEW program partner, Ecology Action was delayed in launching its portion of the SMCEW program for six months, due to delays in the decision-making process at the CPUC. (Discussion surrounded how energy savings are calculated, required prior to program launch.) Both Ecology Action, working on their turnkey lighting and refrigeration portion of the program, and C/CAG-County staff working on the CER portion of the program, have generated a robust pipeline of projects for completion by the end of CY 2014.

The attached charts include the energy savings and pipeline of projects presented above, through July of 2013. Staff will provide updated charts that include August and September to the committee at the October 28th meeting.

Public Schools Benchmarking

The SMCEW program and program budget includes working with schools in San Mateo County in the current (2013-2014) program cycle. Staff set a goal of energy benchmarking every K-12

public school (174) and working with every school district (23) in San Mateo County and the County Office of Education to present the results.

Proposition 39, which provides funding annually for five years to public schools for implementation of energy-related projects, was passed in November of 2012 and a budget bill for implementation of those funds was passed in June 2013. Development of the guidelines for how county offices of education (acting as local education agencies in Prop 39) and school districts across California will acquire those funds is nearly complete. The benchmarking provided by the SMCEW program will satisfy the initial requirements for applying for those funds, providing K-12 schools in San Mateo County an advantage in the fund application process.

In collaboration with the County Office of Education, the SMCEW held a workshop on October 10, 2013 to deliver the benchmarking results to the school districts and to further educate district staff on energy savings implementation process and opportunities. The program included short presentations on: implementing energy savings as an investment, update on Prop 39 guidelines, benchmarking results, energy auditing processes, energy management systems and analytics, solar and how it relates to energy efficiency, no-cost and low-cost approaches to saving energy, equipment maintenance and training programs, behavior change and school curriculum programs, financing opportunities, and finally, case studies for a few districts outside of San Mateo County.

The workshop was very well attended (85 attendees), has received outstanding reviews, and is serving as a model for other similar efforts at offices of education across PG&E's service territory. Staff thanked program partner, Strategic Energy Innovations for their Climate Corps Bay Area (CCBA) program, which the SMCEW program has leveraged for the last three years, and CCBA member, Samir Dhebar who worked diligently on the benchmarking project during his tenure. Staff also welcomed Erica Kudyba, the new CCBA fellow, who will be working over the next year to water benchmark all the public schools.

Moderate Income Direct Install

Program partner El Concilio of San Mateo County uses a portion of the SMCEW program budget to provide energy efficiency improvements to homeowners who attempt to qualify under the low-income energy efficiency program (LIEP) but are unable to meet the financial criteria. Our program budget allows these customers to be served for measures such as efficient lighting and weatherization. Though use of funds for attic insulation was allowed in the previous (2010-2012) program cycle, it has been removed from the list of available measures for current cycle. Staff worked with County Housing to establish available funding to make this available again for many customers in San Mateo County. As a measure, attic insulation is costly but provides substantial energy saving and comfort benefits to households served.

Large Residential Resource Conservation Collaborative (LR2C2)

In 2012, working on climate action planning with multiple cities in San Mateo County, it became obvious that largely residential cities with large homes had different needs with respect to implementation of energy savings measures in their cities. Staff from those cities have joined a collaborative to develop tactics for addressing residential energy use.

The first strategy has been to find methods for promoting the reduction of plug-load energy use to residents. A webinar was presented in collaboration with staff at the Town of Portola Valley,

which was taped for future educational purposes. A follow-up six hour class was presented in partnership with PG&E's Pacific Energy Center and held in the Town of Woodside.

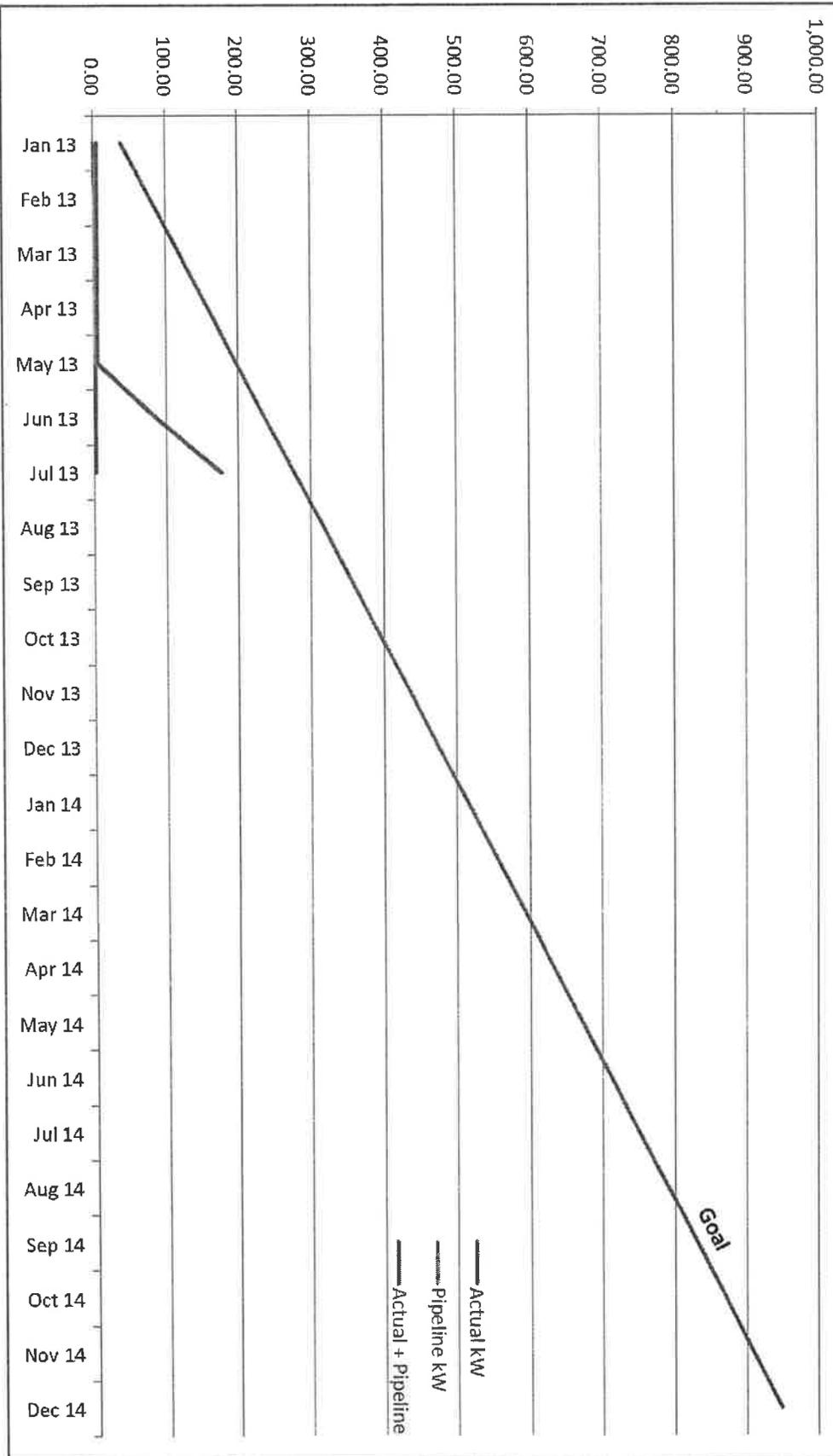
Regionally Integrated Climate Action Planning Suite (RICAPS)

The SMCEW program funding includes work on climate action planning, which continues the work from the previous program cycle. SMCEW program funding is used to contract with DNV KEMA Services, Inc. to provide technical assistance to cities as they use tools developed as part of the RICAPS project. The attached chart shows progress on the part of the cities in San Mateo County.

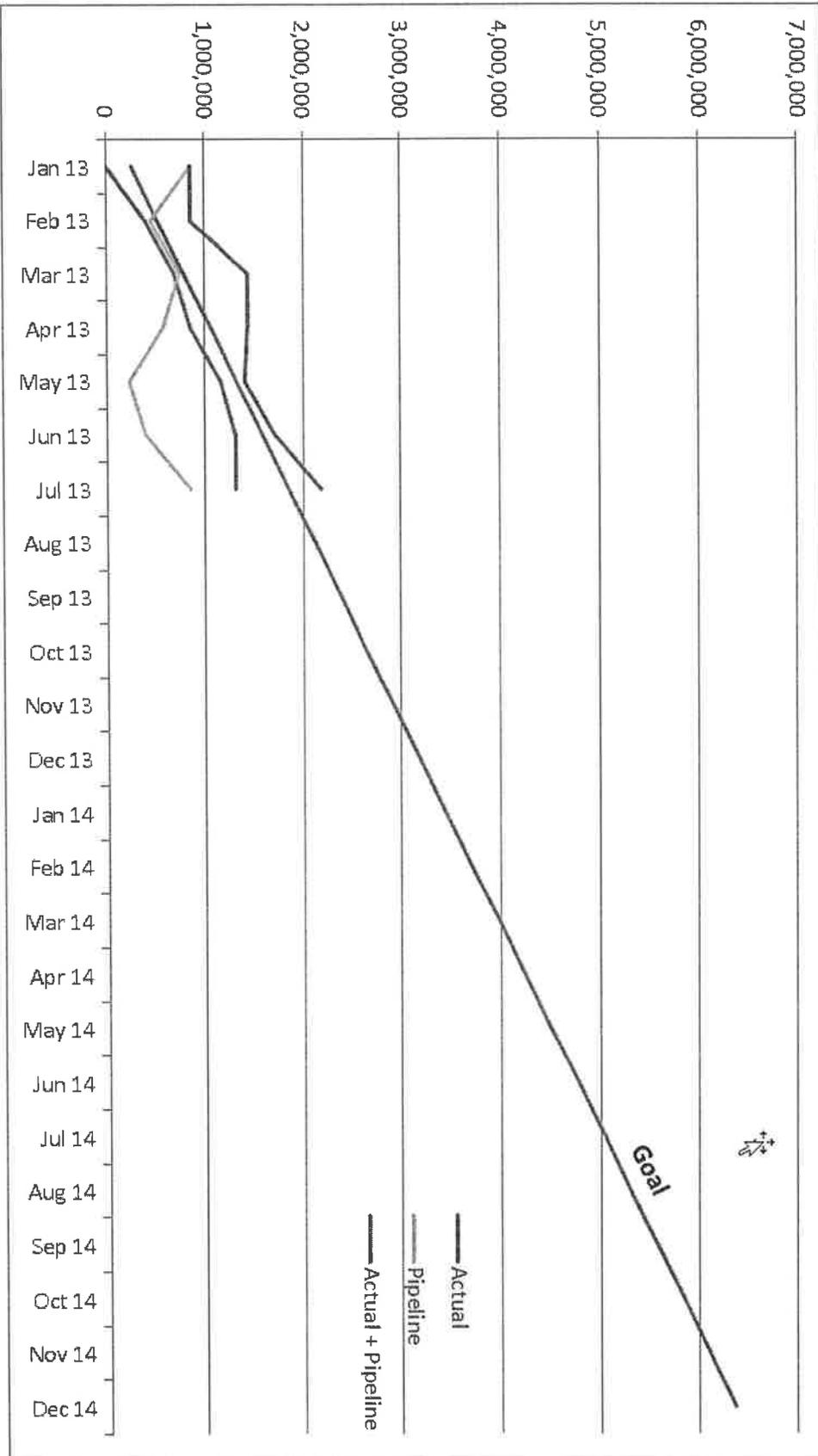
ATTACHMENT

SMCEW Energy Savings Charts (through July 2013)
RICAPS Update Chart

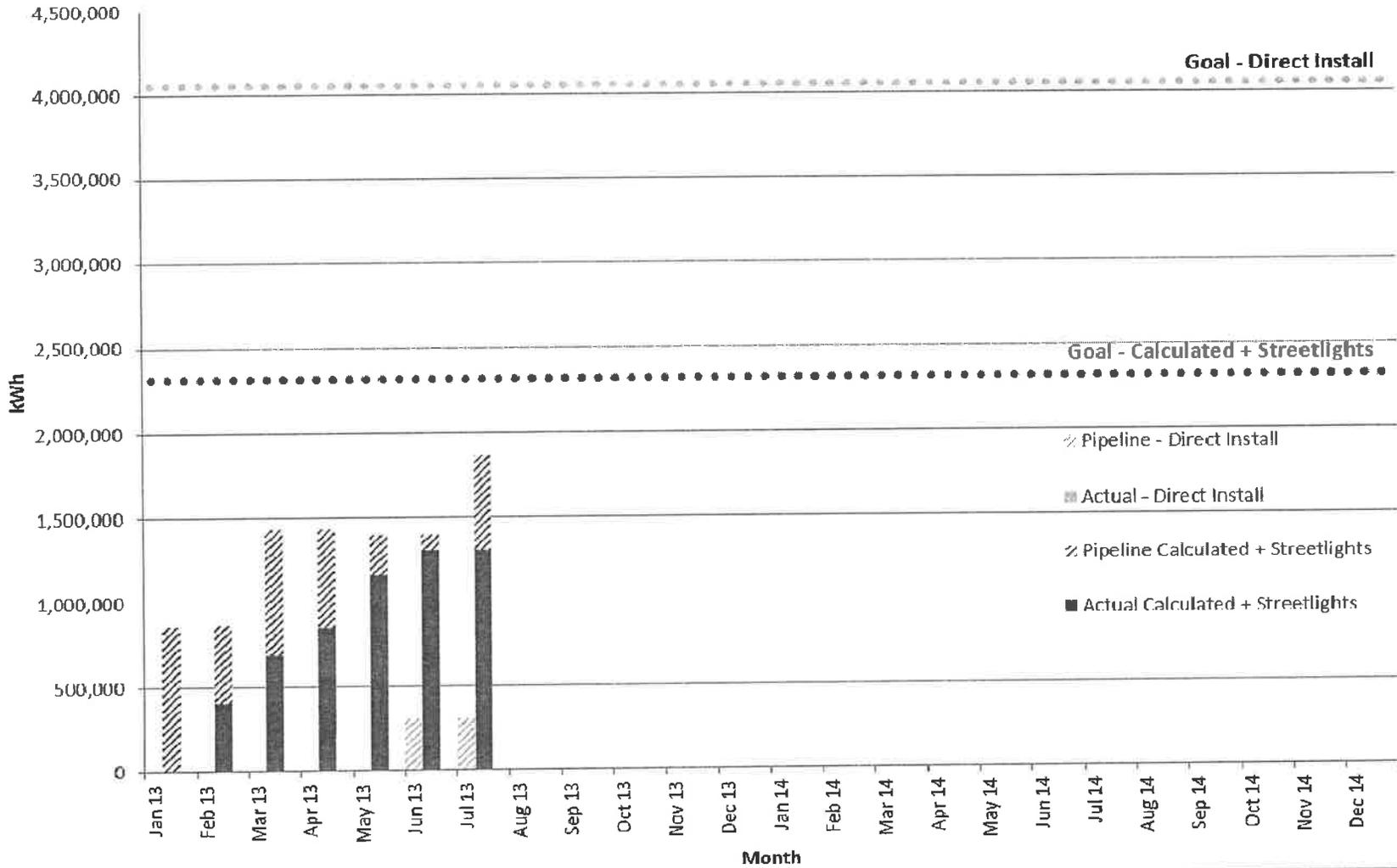
San Mateo County Energy Watch 2013-2014 Energy Savings - kW Goal vs. Achieved



San Mateo County Energy Watch 2013-2014 Energy Savings - kWh Goal vs. Achieved



San Mateo County Energy Watch 2013-2014 kWh Savings - Calculated vs. Direct Install



RICAPS

Regionally Integrated Climate Action Planning Suite

	Haven't Started	Existing Plan (should be updated)	Draft in Progress	Drafted	Adopted
01 Atherton			1		
02 Belmont				1	
03 Brisbane		1			
04 Burlingame					1
05 Colma					1
06 Daly City		1			
07 East Palo Alto					1
08 Foster City				1	
09 Half Moon Bay	1				
10 Hillsborough					1
11 Menlo Park					1
12 Millbrae				1	
13 Pacifica				1	
14 Portola Valley				1	
15 Redwood City					1
16 San Bruno				1	
17 San Carlos					1
18 San Mateo					1
19 South San Francisco			1		
20 Woodside			1		
21 County - municipal					1
21 County - unincorp					1
22 C/CAG transportation			1		
Total	1	2	4	6	10



Municipalities that are participating in monthly progress meetings and presentations, or receiving technical support.