



**AGENDA**  
**CITY OF CARSON**  
**REGULAR MEETING OF THE ENVIRONMENTAL COMMISSION**  
 701 East Carson Street, Carson, CA 90745  
 EXECUTIVE CONFERENCE ROOM, 2<sup>ND</sup> FLOOR  
 Wednesday, April 2, 2014  
 6:30 p.m.

RECEIVED  
 CITY CLERK  
 14 MAR 27 AM 7:41  
 CITY OF CARSON

1. CALL TO ORDER:

2. PLEDGE OF ALLEGIANCE:

3. ROLL CALL:

Environmental Commissioners:  
 Burr, Hellerud, Hopson, Jimenez, Love,  
 Mack, Muckey, Perry, Taylor

4. AGENDA POSTING CERTIFICATION:

In accordance with the Americans with Disabilities Act of 1990, if you require a disability related modification or accommodation to attend or participate in this meeting, including auxiliary aids or services, please call the City Clerk's office at 310-952-1720 at least 48 hours prior to the meeting. (Government Code Section 54954.2)

5. AGENDA APPROVAL:

6. ORAL COMMUNICATIONS:

For items NOT on the agenda.  
 Speakers are limited to three minutes.

7. MINUTES APPROVAL:

a. March 5, 2014

8. UNFINISHED BUSINESS

a. Commission feedback on Shell CRP Draft EIR Joint Workshop with Planning Commission

9. NEW BUSINESS

a. Energy Efficiency Climate Action Plan presentation by South Bay Cities Council of Governments and Atkins

10. WRITTEN COMMUNICATIONS

a. Water Conservation Measures

11. ORAL COMMUNICATIONS

a. Audience

b. Commissioners

c. Staff

i. Ethics Training video for Commissioners who did not attend the training

ii. New City badges for Commissioners

12. ADJOURNMENT

Upcoming Meetings: May 7, June 4, July 2, August 6

**MINUTES  
ENVIRONMENTAL COMMISSION  
February 5, 2014**

**6:30 PM**

**CALL TO ORDER:** 6:36 pm

**PLEDGE OF ALLEGIANCE:** Chairperson Love

**ROLL CALL:** Planner Saied Naaseh called the roll as follows:  
Present: Commissioners: Burr, Hellerud, Hopson,  
Love, Mack, Muckey, Perry, Taylor.  
Absent: Jimenez.  
Staff Present: Planner Saied Naaseh

**SECRETARY'S REPORT**

N/A

**AGENDA APPROVAL**

Approved 8-0

**MINUTES APPROVAL**

a. February 5, 2014, Approved 8-0,

**UNFINISHED BUSINESS**

- a. Environmental Commission Logo Discussions, approved the City marketing logo with environmental commission at the bottom (7-0).
- b. Oxy Draft EIR Joint Workshop with Planning Commission, Discussed Commission's concerns and agreed to provide staff with comments.

**NEW BUSINESS**

- a. Shell CRP Draft EIR Joint Workshop with Planning Commission, Staff informed the Commission of the upcoming Workshop on March 12, 2014.

**WRITTEN COMMUNICATIONS**

- a. None

**ORAL COMMUNICATIONS**

- a. Audience, None
- b. Commissioners,

- i. Update on the February 21, 2014 Community/HOA Workshop, Commissioners who attended the Community Workshop reported that the event was well attended and a success.
- c. Staff
- i. Participation Certificate for Ethics Training, All certificate distributed.
  - ii. Ethics Training booklets for Commissioners who did not attend the training, Booklets were distributed and Commission Taylor and Mack agreed to share the training video and inform staff when they have completed reading either the booklet or watched the video.
  - iii. Adjournment to March 12<sup>th</sup>, Special Joint Workshop with Planning Commission, Adjourned to March 12, 2014.

## AJOURNMENT

At 8:27 pm, the meeting was adjourned to March 12, 2014, 6:30 pm.

---

CHAIRPERSON LOVE

ATTEST:

---

SAIED NAASEH, ASSOCIATE PLANNER

CITY OF CARSON

STAFF COMMUNICATION TO  
THE ENVIRONMENTAL COMMISSION

UNFINISHED BUSINESS

April 2, 2014

SUBJECT: Shell CRP Draft EIR Joint Workshop with Planning Commission

REQUEST: Commission feedback on the Joint Workshop with Planning Commission

---

I. Introduction

On March 12, 2014, the Planning Commission and Environmental Commission held a joint workshop. At this workshop, staff and the applicant provided an overview of the project and the process. City's environmental consultant provided an overview of draft EIR. The 45-day review period ended on March 26, 2014. The comments received from agencies and members of the community during this review period will be addressed in the Final EIR.

II. Background/Analysis

This item was placed on the agenda to allow the commissioners to provide feedback on the Workshop. It should be noted that the commission does not have all the facts regarding the project and is not in a position to form opinions whether they support or do not support the project.

III. Recommendation

Discuss the feedback from the commissioners regarding the March 12<sup>th</sup> joint workshop with the Planning Commission.

IV. Exhibits

1. None

Prepared by: \_\_\_\_\_

  
Saied Naaseh, Associate Planner

**CITY OF CARSON**

**STAFF COMMUNICATION TO  
THE ENVIRONMENTAL COMMISSION**

**NEW BUSINESS**

**April 2, 2014**

**SUBJECT: South Bay Cities Council of Governments and Atkins Presentation,  
Energy Efficiency Climate Action Plan**

**REQUEST: Receive and File, provide input on Energy Efficiency Climate Action  
Plan Presentation**

---

**I. Introduction**

The landmark California Global Warming Solutions Act of 2006 (Assembly Bill or AB 32) requires California to reduce its aggregate statewide Greenhouse Gas (GHG) emissions to 1990 levels by 2020, and 80% below 1990 levels by 2050. The state's Air Resources Board (CARB or Board) is tasked with implementing AB 32, which is the first such law in the nation. AB 32, and a complimentary Directive from the Governor, provides a framework for the state's climate change planning as well as specific goals and mandates. Many more pieces of legislation, both at the state and federal levels, are being introduced to address various aspects of climate change, including programs to mandate emission reductions by specific industries, and setting up markets to trade emission reduction credits. AB 32 stipulates that the industries and facilities that produce the most GHG emissions in the state must reduce their emissions and report their baseline and annual inventories.

**II. Background/Analysis**

The Climate Action Plan (CAP) is a set of strategies intended to guide community efforts for reducing GHG emissions. The South Bay Council of Governments (SBCOG) started the City's CAP process by conducting inventories of the both municipal operations and community wide emissions. However, they could not move forward with the preparation of the CAP since the scope to complete it was beyond their staffs' resources.

However, SBCOG has recently received a grant from Edison to update all the emission inventories and prepare a major portion of the CAP as it relates to conservation of electricity. This portion of the CAP will be referred to as the Energy Efficiency CAP (EECAP). Future chapters of the CAP such as transportation, water, gas, etc. will need to be prepared at a later date to complete the CAP. The SBCOG is actively looking for grants to fund the preparation of these remaining chapters. The presentation will provide an overview of the process and steps necessary to prepare the EECAP.

III. Recommendation

Receive and File, provide input on the Energy Efficiency Climate Action Plan Presentation.

IV. Exhibits

1. Draft Presentation PowerPoint

Prepared by: \_\_\_\_\_

Saied Naaseh, Associate Planner

# Energy Efficiency Plans for South Bay Cities

Presented by

Sabrina Bornstein, SBCCCOC

Cheryl Laskowski, Ph.D., Atkins



## Project Description and Initiation City of Carson Environmental Commission April 2, 2014



## What is an Energy Efficiency Plan?

- GHG inventory for municipal operations and community emissions
- Energy Efficiency strategies that will reduce energy dependence, provide cost-savings, and provide co-benefits
- A start toward a Qualified Climate Action Plan







## Task 1 Assessment + Planning Report

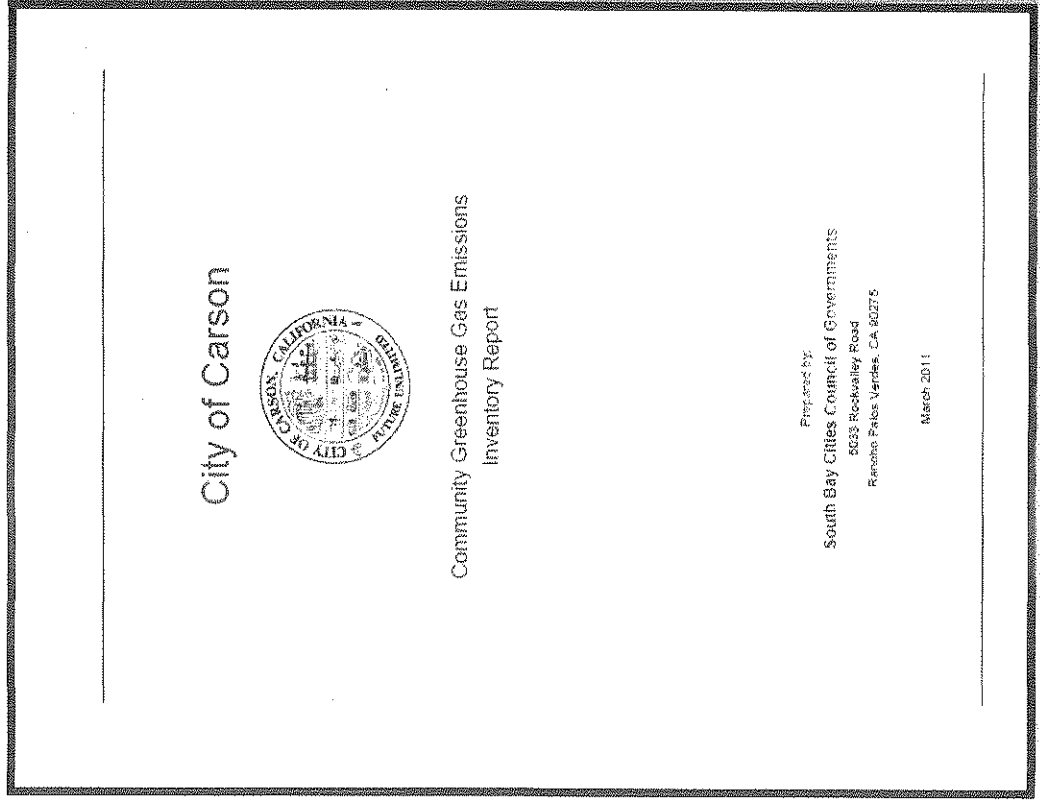
- Summary of current emissions inventories
- Recommended updates to existing inventories, projections, and reduction targets
- Outreach options
- City staff involvement
- Timeline of work products

What does the City get?

- ✓ Provide input to process
- ✓ Work program timeline

# Task 1: Assessment + Planning Report

- 1-on-1 March 11
  - Outreach
  - Internal meetings
  - Adoption process
- Draft Report anticipated  
March – April



## Task 2: Plan Template

- Easy-to-Read Report
- Municipal and Community in one report
- Template, but flexible for city-specific needs
- Distribution for comment and review March-April

# Anticipated Schedule

	2014												2015								
	J	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	
0. Kickoff			2/19: Introduction to the Project																		
1. Assessment and Planning Report					4/16: Present A+P Report																
2. EECAP Template																					
3. Inventories, Forecasts, and Targets																					
4. Measures Report and Tool Framework																					
5. Draft EECAP and Tool																					
6. Final EECAP and Tool																					
7. EECAP Adoption																					

6/18: Present IFT Report

8/20: Present Reduction Strategies and Tool Framework

10/15: Present Reduction Strategies Progress

4/15: Present Reduction Strategies Initial Findings

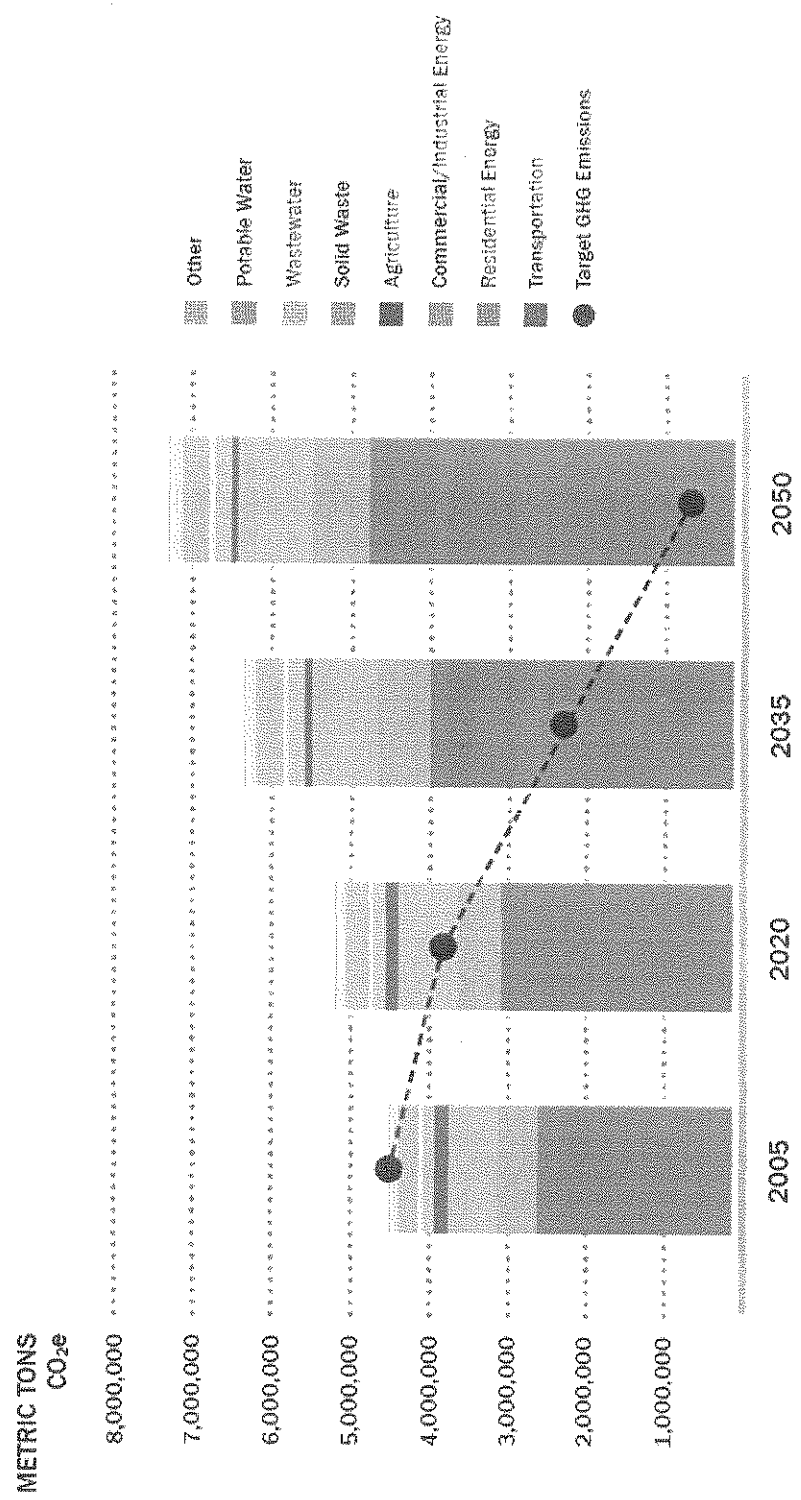
2/18: Present Reduction Strategies Initial Findings

6/18: Present Final Report and Tool

8/20: Project Report and Wrap-up

# Task 3: Inventories, Forecasts, and Targets Reports

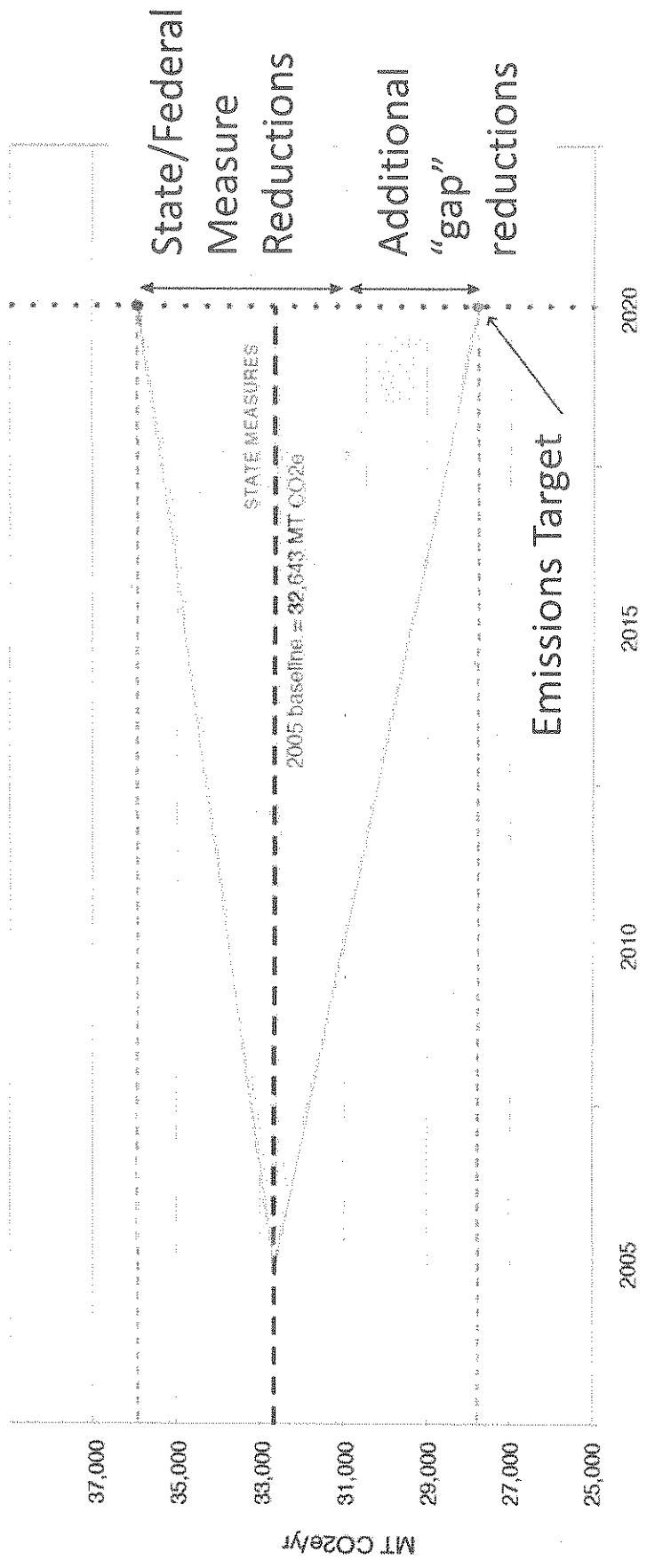
- Update emissions forecasts
- Establish reduction targets



Note: Numbers in chart are illustrative and not specific to the South Bay

# Task 3: Inventories, Forecasts, and Targets Reports

- Estimate reductions from State and Federal measures
- Identify “gap” of remaining reductions needed



Note: Numbers in chart are illustrative and not specific to the South Bay



# Task 3: Inventories, Forecasts, and Targets Reports

- Draft anticipated June
- Presentation of findings June 18

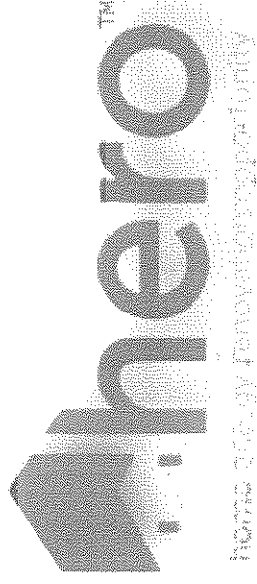
What does the City get?

- ✓ Standardized inventories
- ✓ Assistance on target-setting
- ✓ Quantified State and Federal reductions

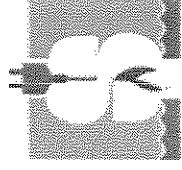
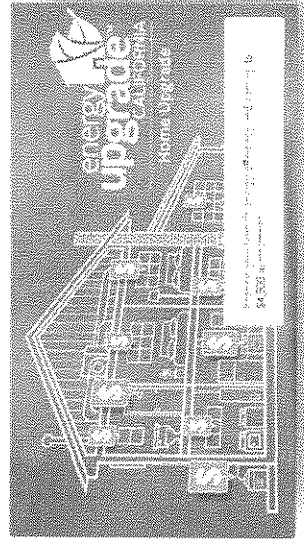


# Task 4: EF Measure Development Tool Framework

- Energy Efficiency measures that are
  - Built from existing efforts
  - Locally determined with a regional perspective
  - Feasible
  - Innovative

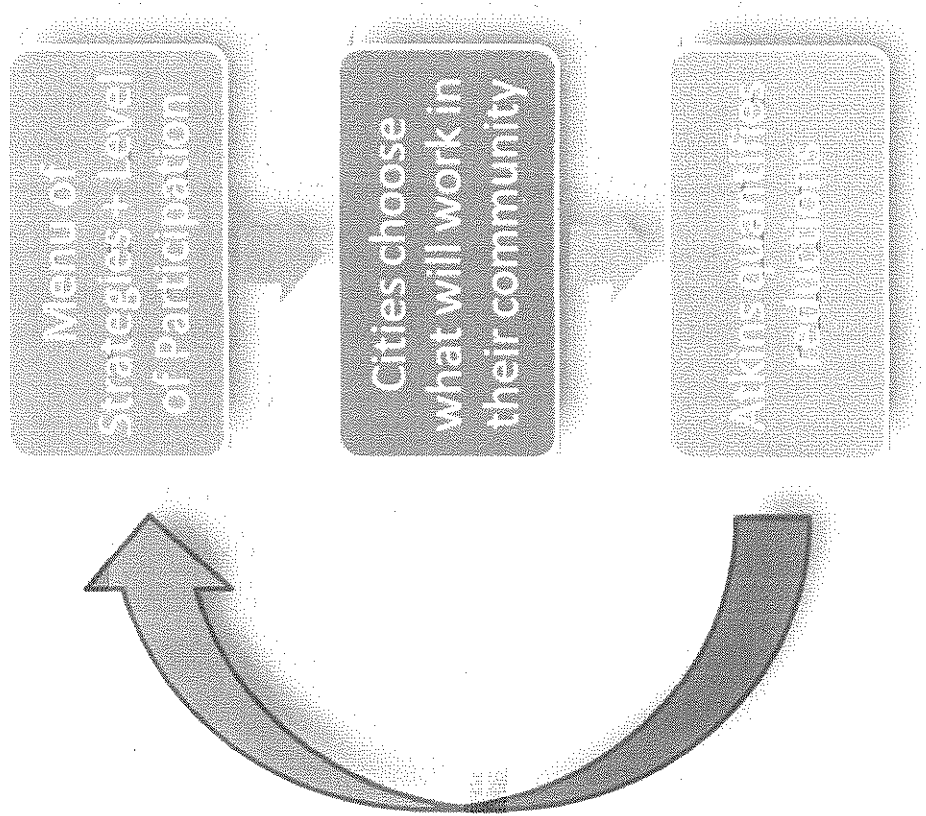


Energy Leader  
Partnerships



SOUTH BAY  
ENVIRONMENTAL SERVICES CENTER  
South Bay Cities Council of Governments

# Task 4: EE Measure Development + Tool Framework




What does the City get?


- ✓ Assistance understanding and choosing local reduction measures
- ✓ Quantified reduction measures

# Task 4: EE Measure Development + Tool Framework

- Discuss Reporting Tool Framework
- Measures and Tool presentations anticipated August 20, October 15
- Summary of measures and reductions anticipated December—January 2015



**CITY OF CALIMESA**  
Municipal Greenhouse Gas and Energy Summary Sheet



City of Calimesa

### Greenhouse Gas Emissions to 2035

Year	2010	2015	2020	2035
Emissions (MTCO <sub>2</sub> e)	32	34	70	43

### Greenhouse Gas Emissions Breakdown (By Fuel Source)

Fuel Source	MTCO <sub>2</sub> e	Percent Total
Electricity	42	96%
Natural Gas	38	46%
Water	2	5%
<b>TOTAL</b>	<b>82</b>	<b>98%</b>

*Excludes 2007-2008 inventory*

### PROGRESS FOR 2010

#### Greenhouse Gas Emissions Breakdown (By Fuel Source)

Fuel Source	MTCO <sub>2</sub> e	Percent Change From Baseline
Electricity	42	0%
Natural Gas	38	0%
Water	2	0%
<b>TOTAL</b>	<b>82</b>	<b>0%</b>

*Excludes 2007-2008 inventory*

### Emissions Progress To Date

### Electricity

Year	2010	2020
Baseline	42 MTCO <sub>2</sub> e	45 MTCO <sub>2</sub> e
Reduction	-	-24 MTCO <sub>2</sub> e
Anticipated 2020	-	19 MTCO <sub>2</sub> e

### Natural Gas

Year	2010	2020
Baseline	38 MTCO <sub>2</sub> e	34 MTCO <sub>2</sub> e
Reduction	-	-2 MTCO <sub>2</sub> e
Anticipated 2020	-	37 MTCO <sub>2</sub> e

### Water

Year	2010	2020
Baseline	2 MTCO <sub>2</sub> e	2 MTCO <sub>2</sub> e
Reduction	-	-4 MTCO <sub>2</sub> e
Anticipated 2020	-	2 MTCO <sub>2</sub> e

# Anticipated Schedule

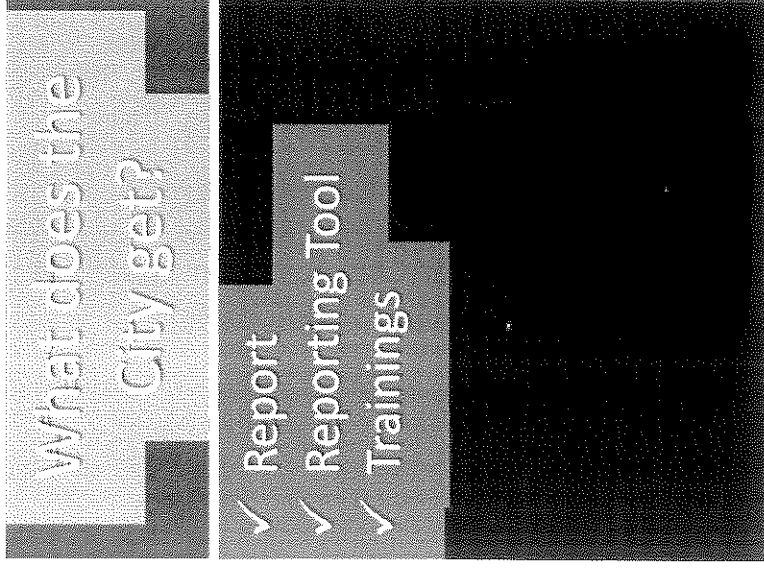
	2014												2015								
	J	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	
0. Kickoff			2/19: Introduction to the Project																		
1. Assessment and Planning Report				4/16: Present A+P Report																	
2. EECAP Template																					
3. Inventories, Forecasts, and Targets							6/18: Present IFT Report														
4. Measures Report and Tool Framework									8/20: Present Reduction Strategies and Tool Framework												
5. Draft EECAP and Tool											10/15: Present Reduction Strategies Progress										
6. Final EECAP and Tool																	4/15: Present Reduction Strategies Initial Findings				
7. EECAP Adoption																					

6/18: Present Final Report and Tool

8/20: Project Report and Wrap-up

## Task 5: Draft Report + Tool

- Draft Report
- Reporting Tool
- Tool Trainings
- Status update presentation  
February 18, 2015
- Summary of initial findings  
presentation April 15, 2015
- Draft Report anticipated April  
2015



# Anticipated Schedule

	2014												2015								
	J	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	
0. Kickoff			2/19: Introduction to the Project																		
1. Assessment and Planning Report				4/16: Present A+P Report																	
2. EECAP Template																					
3. Inventories, Forecasts, and Targets																					
4. Measures Report and Tool Framework																					
5. Draft EECAP and Tool																					
6. Final EECAP and Tool																					
7. EECAP Adoption																					

6/18: Present IFT Report  
 8/20: Present Reduction Strategies and Tool Framework  
 10/15: Present Reduction Strategies Progress  
 2/18: Present Reduction Strategies Initial Findings  
 4/15: Present Reduction Strategies Initial Findings  
 8/20: Project Report and Wrap-up



## Task 6: Final Report + Tool

- Incorporate comments from city staff
- Refine tool
- Final Report and Tool anticipated May 2015
- Summary of findings presentation June 18, 2015



## Task 7: EECAP Adoption

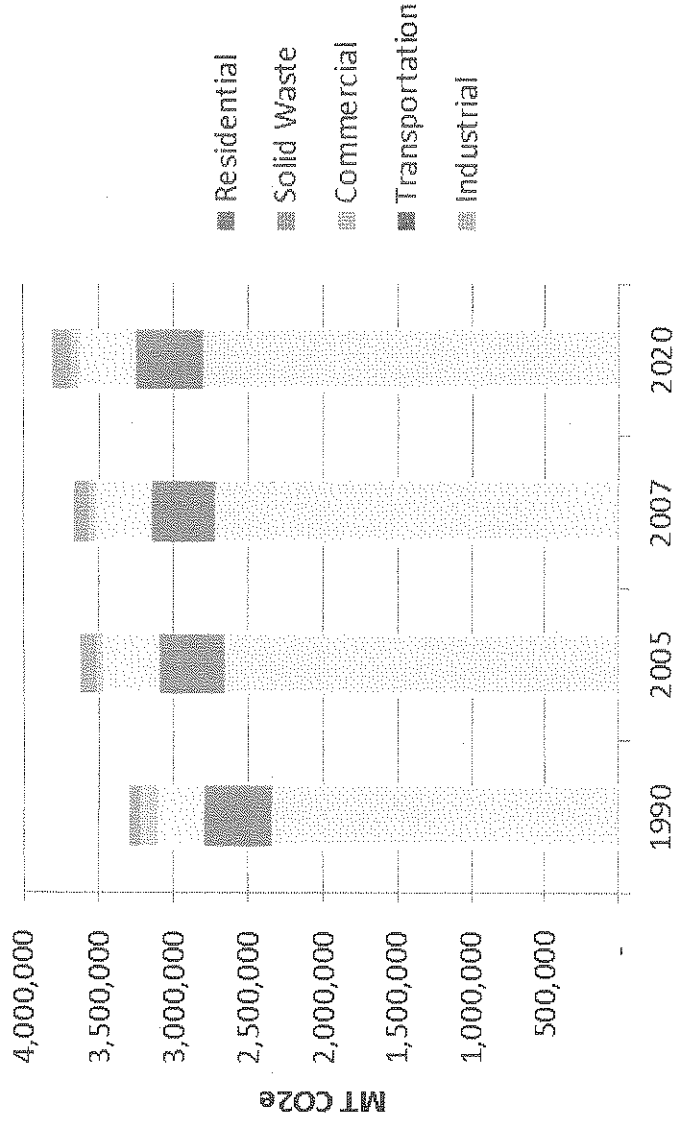
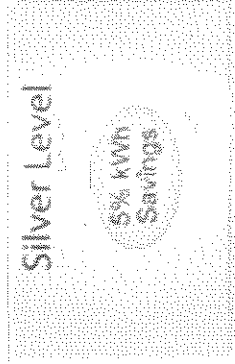
- Assist cities in adoption
  - Attend 1-2 meetings
  - Prepare city-specific memos summarizing adoption process
- Document process for SBCCOG
- Program summary presentation August 20, 2015

What does the City get?

✓ Assistance in Report adoption

# Current Progress in Carson: Task 1

- 1-on-1 held March 11
- Recommending updates to 2005, 2007 inventories
- Conduct 2010, 2012 inventories



## Current Progress in Carson: Task 1

Jurisdictional Control or Significance Influence:  
Include emissions that the City can affect through outreach, incentives, zoning, etc.

- Some facilities' emissions are regulated under the California Air Resources Board through Cap-and-Trade
- These emissions are not considered under the City's "influence"
- These emissions may be removed from the inventory

# Current Progress in Carson: Task 1

## Inventory recommendations

- Add Water Sector
- Remove facilities covered under Cap-and-Trade
  - BP West Coast Products, Carson Refinery
  - Air Products Carson Hydrogen Plant
  - Phillips 66 Company - Los Angeles Refinery - Carson Plant
  - Rhodia – Dominguez
  - Carson Cogeneration Co
  - Tesoro Refining & Marketing Company LLC – SRP
  - LACSD - Joint Water Pollution Control Plant

## Contact Information

Sabrina Bornstein

Cheryl Laskowski

## Written Communication





# Save Money. Save Water.

Waterwise Plants Available for \$10  
at Home Depot



Great discounts on select varieties of low water use plants. The Home Depot and their vendors have partnered to offer special deals on select varieties of low water use plants at each of their parking lot events throughout the South Bay.

For more information on these plant fairs, visit [www.westbasin.org](http://www.westbasin.org).

**Free Kid's Workshops** designed for children, ages 5 - 12, between 9:00-noon.

## FOR \$10

Waterwise Plants Available for \$10 at Home Depot

1 GALLON LAVENDER | WAS \$5.48  
SKU 895-088

1 GALLON TULBAGHIA | WAS \$5.98  
SKU 1000-008-863

1 GALLON BOUGAINVILLEA | WAS \$5.98  
SKU 412-794

1 GALLON ROSEMARY | WAS \$5.98  
SKU 1000-008-863



## CALENDAR OF EVENTS

Join us at any of our Home Depot water conservation events. All events take place from 9:00 to 1:00 pm



Home Depot Water Conservation Events

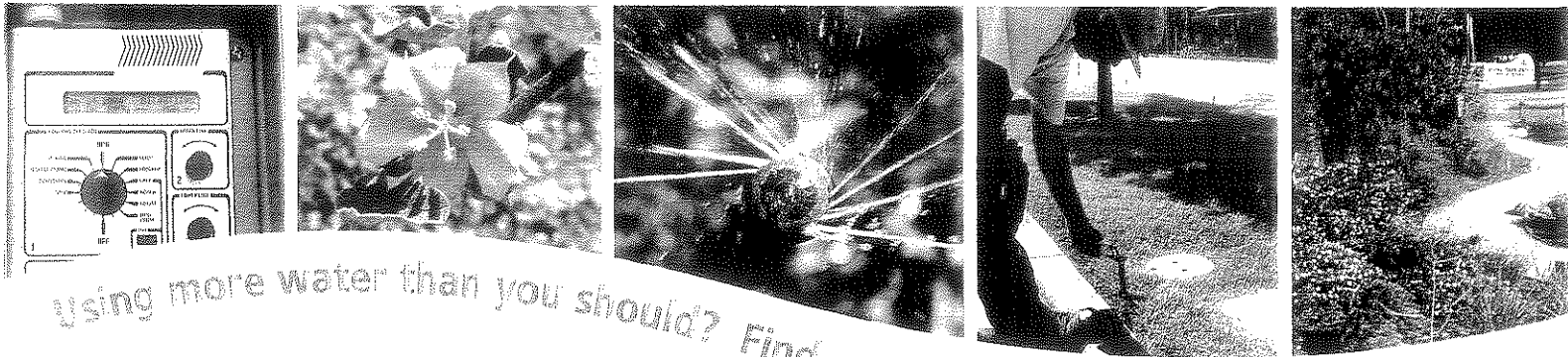
Home Depot Water Conservation Events

Home Depot Water Conservation Events



# Landscape Irrigation Survey

For Commercial, Industrial, Institutional  
and Common Area Landscapes



using more water than you should? Find out with a landscape irrigation survey.

## HOW IT WORKS

A certified landscape irrigation auditor will survey and provide written recommendations for qualifying non-residential properties within Metropolitan's 5,200 square-mile service area at no cost. To participate, properties must have a minimum of one acre of irrigated land. Eligible landscapes include commercial and industrial sites, homeowner association common areas, and institutional sites like schools, parks and government facilities.

Surveys are scheduled on a first-come, first-served basis. To request a survey, please complete the online application at [bewaterwise.com](http://bewaterwise.com)<sup>®</sup>. Funding is limited and submitting an application does not guarantee a survey will be provided.

## CONTACT

Deneice Cotton  
Metropolitan Water District of Southern California  
(213) 217 - 6616  
[dcotton@mwdh2o.com](mailto:dcotton@mwdh2o.com)

## WHAT TO EXPECT

The property owner, manager or authorized representative with access to the irrigation controllers must be present during the survey. The certified landscape irrigation auditor will conduct a comprehensive review of the irrigation system including:

- System pressure
- Controllers
- Site conditions and irrigation scheduling
- Issues that cause higher water use, such as valve malfunctions, high or low pressure, sprinkler misalignment, poor drainage, breaks and leaks, runoff, etc.

Participants will receive a written report that includes:

- Data collected during the survey
- Recommendations for improving the site's irrigation efficiency including system repairs, equipment updates, and irrigation scheduling
- Information about available financial incentives to help with the cost of recommended improvements

HOME ABOUT THE PROGRAM QUALIFIED PRODUCTS PROGRAM FAQs CONTACT US TERMS & CONDITIONS  
 INDOOR PRODUCTS OUTDOOR PRODUCTS MULTI-FAMILY TOILET PROGRAM TURF REMOVAL PROGRAM

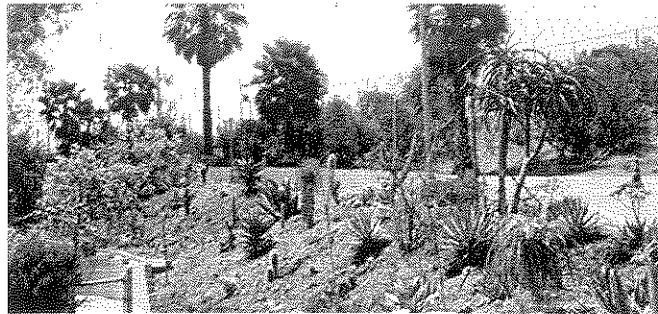
**Main Menu**

- Home
- Available Rebates
- Make Your Reservation
- Program FAQs
- Multi-Family Toilet Program
- Turf Removal
- Retailers
- Contractor Direct Rebate Option
- Fitness Center Program Incentives
- Public Agency Landscape Program

**Visit MWD Website**



## Public Agency Landscape Program



Throughout Southern California, there is great potential for water savings by replacing older landscape irrigation equipment with newer, water-efficient models. This is especially true for public agencies responsible for irrigating public grounds, parks, street medians, etc. Unfortunately, it is also common for public agencies to defer making water use efficiency improvements due to cash flow and budget limitations, though they are among those entities that can potentially save the most water, and along with saving water, save money.

An added benefit, the visibility of actions undertaken by public agencies to increase water use efficiency can have significant impacts on the general public's willingness to conserve water. When water efficiency projects are completed, particularly if they are also aesthetically pleasing, the effects of those actions may be enhanced during a drought, when scrutiny over public agency activities and their use of public resources grows, the influence is at its greatest.

To encourage agencies that have not already installed water-efficient landscape equipment to do so, SoCal Water\$mart has unveiled the Public Agency Landscape program (PAL), offering enhanced incentives paid up-front for public agencies to install water-efficient landscape devices at their facilities and on their grounds. The PAL program is currently slated to run through June 30, 2016 or while funding is available.

### Three Easy Steps

1. Obtain a quote for your project including a list of all items (be sure to list makes, models, and quantities).
2. Submit your incentive application to SoCal Water\$mart via the link below, and be sure to choose "Public Agency Landscape" for the Facility Type in the application. Upon approval, you will receive a check from SoCal Water\$mart to purchase your devices.
3. Purchase and install your devices, and send copies of the final invoices to SoCal Water\$mart.

**Get Your Rebate**



**Qualified Products List**


- High-Efficiency Toilets
- Ultra Low and Zero Water Urinals
- Connectionless Food Steamers
- Air-Cooled Ice Machines
- Conductivity Controllers
- Dry Vacuum Pumps
- Laminar Flow Restrictors
- Irrigation Controllers
- Rotating Nozzles for Pop-up Spray Heads
- Large Rotary Nozzles
- In-stem Flow Regulators
- Soil Moisture Sensor Systems
- Plumbing Flow Control Valve

**Member Agency Login**

[MEMBER AGENCY LOGIN](#)

If you need assistance, please contact us.

## Incentive Amounts

 Feed Entries

Eligible Devices	Standard Incentive	Public Agency Incentive
Weather-Based or Central Computer Irrigation Controller	\$25 per station	\$40 per station
Soil Moisture Sensor Systems Connected to irrigation controller	\$25 per station	\$40 per station
Large Rotary Nozzles Minimum 8 sets of two (2) per application	\$13 per set	\$13 per set
Rotating Nozzles for pop-up spray heads Minimum 15 per application	\$4 each	\$6 each

© SoCal WaterSmart

Public agencies can also receive no-cost landscape irrigation audits.



*\*When applying for your PAL incentive, be sure to select Public Agency Landscape from the Facility Type drop down menu.*

## Public Agency Landscape Program Terms and Conditions

1. Applications (inventory of devices) for the Public Agency Landscape (PAL) program must be submitted to SoCal WaterSmart and approved prior to the purchase and installation of your device(s).
2. Participation in the Public Agency Landscape program is limited to public agencies on a first come, first served basis while funding is available. The public agency must be within the Metropolitan Water District's (Metropolitan) service area and must be approved by Metropolitan and its respective member agency.
3. Upon approval of the incentive application, up-front financial assistance is provided to the partnering public agency to purchase PAL Program approved water efficient devices.
4. Central Computer Irrigation Controllers (CCICs) must include functioning technology for automatic shutoff of broken heads, valves or pipes.
5. The partnering public agency is responsible for procurement of devices, installation, installation costs, and maintenance of devices.
6. The partnering public agency cannot receive additional rebates from the SoCal WaterSmart rebate program for the same device that is being funded through the PAL program.
7. An address previously rebated through Metropolitan's regional or its water agency programs is not eligible to receive up-front incentives or another rebate for the same type of device.
8. A limit of \$50,000 of Metropolitan's funding applies per service address for every program year.
9. Installations must be completed within 90 days from the issuance of the incentive. When installations are performed in phases, Metropolitan's payments would be paid out in stages. Phased installations require separate applications.
10. After completion of the installation, the partnering public agency will be required to submit sales receipts as proof of purchase. Receipts must include quantity, make and model of the device(s) installed. Reconciliation between the incentives funded, actual procurement, and proof of installation will take place. The

partnering public agency will refund to Metropolitan any unspent funds within a specific time frame.

11. All devices for which an incentive is issued are subject to an on-site installation verification inspection. If device installation cannot be verified, the partnering public agency will reimburse the program for the funds received including all associated processing costs. Access to the funded device(s) must be provided.
12. Facilities using recycled water may not qualify. Call 1-888-376-3314 to confirm eligibility prior to application submittal.
13. The partnering public agency's Tax information and/or Tax ID number must be provided in order to receive these incentives. This is in compliance with exemptions to the Federal Privacy Act of 1974, 42 UCS 405 (c)(2)(c). The Internal Revenue Service requires incentive or rebate program participants receiving \$600 or more in rebates to receive an IRS Form 1099 unless exemptions apply.
14. Incentives or rebates are issued once per lifetime of the property for each eligible area. Sites may be subject to pre-inspection prior to issuance of rebate.
15. Neither Metropolitan nor your local water utility or Retail Water Purveyor, or their contractors or agents, makes any representation or warranty regarding the devices eligible for rebates or incentives under this program. By participating in the PAL program, the applicant agrees to waive and release Metropolitan, the Local Water Utility or Retail Water Purveyor, and their contractors or agents, from any and all claims and causes of action arising out of the purchase, installation or use of the devices purchased in connection with the Rebate program. Any claim you may have based upon any defect or failure of performance of a device purchased by you should be pursued with the manufacturer or distributor.