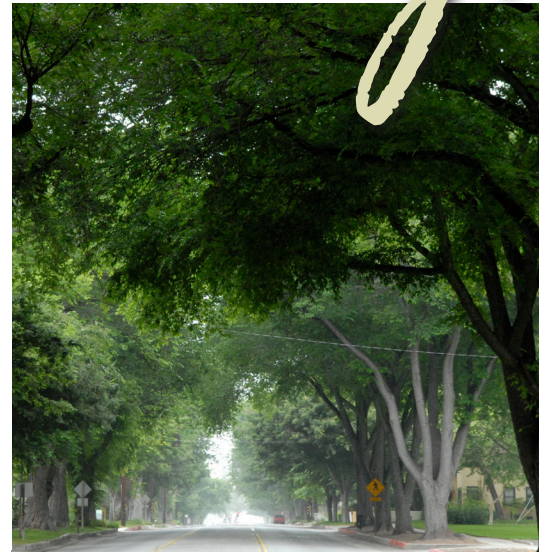


Sustainability



CITY OF CLAREMONT ANNUAL SUSTAINABILITY REPORT CARD & BACKGROUND REPORT DECEMBER 2010

The purpose of this report card is to inform the community regarding its progress toward meeting the goals and numeric targets contained in the Claremont Sustainable City Plan. It is meant to be a succinct yet comprehensive measure of how we are progressing toward sustainability as a community - economically, culturally, and environmentally. It can be used to celebrate our successes and identify areas where we must make adjustments in order to achieve goals. It is hoped that each of the "grades" contained in this Annual Sustainability Report Card will be the subject of enthusiastic attention and discussion among all sectors of the Claremont community.

Sustainability Report

PERFORMANCE MEASURE SUMMARY TABLE

Performance Key: ▲ Exceeds Goal = Meets Goal ▼ Below/Behind Goals

GOAL AREA	TARGET	MEASURE	PERFORMANCE	
			City	Community
RESOURCE CONSERVATION				
Energy Use	Reduce 20% by 2015	Total energy used	▼	▼
		% renewable	▼	▲
		KWH saved	=	▼
Water	Reduce 20% by 2012	Gal/person/day	=	=
	Reduce 40% by 2017	Gal/person/day	=	=
Solid Waste	70% Diversion Rate by 2010	% Diverted	▼	▼
	Increase Composting	Tons Diverted	=	=
ENVIRONMENT & PUBLIC HEALTH				
Greenhouse Gas Emissions	Reduce 20% by 2020	Tons of carbon equivalent	TBD	TBD
Toxics	Downward trend on toxics used in City operations	TBD	▼	
	Upward trend on participation in HHW Collection Programs	Number of participants	=	=
Local & Organic Food	Upward trend	TBD	=	▲

GOAL AREA	TARGET	MEASURE	PERFORMANCE	
			City	Community
TRANSPORTATION				
Vehicle Miles Traveled	Downward trend	Vehicle Miles Traveled (VMT)	=	=
Cleaner Modes	Increase % of bike & pedestrian trips	# of transit, bicycle, pedestrian trips	▲	▲
BUILT ENVIRONMENT				
Green Buildings	100% of new development built to LEED standards	% of buildings LEED certified	=	=
Green Infrastructure	% of infrastructure that is designed to be sustainable	Cost in CIP as % of expenditures	=	▼
OPEN SPACE				
Natural Open Space	Maintain total acreage	Total Acreage	=	=
Urban Forest	Increase trees	Number & condition of trees	=	=
HOUSING & ECONOMIC SUSTAINABILITY				
Meet state goals for affordable housing	Percentage of units that are affordable	State affordability standards	=	=
Economic Vitality	Healthy & sustainable local economy	TBD	=	=
PUBLIC OUTREACH				
Education Effort	Meet outreach efforts in sustainability plan	Checklist of actions completed or survey of residents	=	▲

2010 SUSTAINABILITY ACCOMPLISHMENTS

CITY GOVERNMENT

The following sustainability accomplishments were completed by the City of Claremont in 2010.

- Water Efficient Landscape Ordinance: The City adopted a state-mandated water efficient landscape ordinance that requires certain large landscape projects to be water efficient and not use more than a maximum allowable water usage for the site. The ordinance became effective on April 8, 2010. Several new landscapes have already complied with the ordinance.
- Los Angeles County Energy Program (LACEP): In June 2010, the City Council authorized participation in the LACEP. This program makes Claremont homeowners eligible for additional rebates for energy efficiency retrofits. The program will also make Claremont property owners eligible to finance energy efficiency projects with AB811/PACE style assessment loans once these programs are on-line in mid to late 2011.
- Greenhouse Gas Inventory: City staff worked with a consultant to complete an inventory that estimates current greenhouse gas emissions Citywide. The document will allow the City to measure progress toward sustainability goals, meet state mandates and compete for federal funds.
- Sustainability Committee: City staff continued facilitating a City Council appointed nine-member Sustainability Committee. The committee provides broad citizen oversight for implementation of the Claremont Sustainable City Plan.
- Sustainable Claremont: City staff continued to support the efforts of a community-based non-profit organization with over 100 members.
- Earth Day Celebration: City staff worked with citizen groups and local merchants to hold the second annual Earth Day Celebration on April 17, 2010. They are now planning a 2011 event.
- Energy Efficiency Improvements to City Facilities: City staff completed improvements to reduce energy consumption at City facilities and will save the City approximately \$20,000 annually (over 200 tons of greenhouse gases averted). With past upgrades the City is saving over \$50,000 annually.
- “Green” Affordable Housing Project: Jamboree Housing recently broke ground on a 75-unit affordable housing project for families and seniors. City staff facilitated all aspects of the project including site selection, site acquisition, funding, and plan review. City Staff and commissioners successfully lobbied the project developer to include several “green” features in the design of the project. The project is expected to receive LEED Platinum certification once it is completed and occupied in 2012.
- Green Waste Recycling: The City negotiated a long term contract with the City’s green waste recycler, helping to ensure that Claremont’s green waste will be mulched or composted and reused rather than going into landfills.
- Bikestation: The City and Bikestation, Inc. opened a facility at the Claremont Depot to provide excellent bike storage facilities for bicycle commuters. The station includes secured indoor bicycle parking, repair facilities, lockers and bicycle supply vending machines.
- Green Classes: the City introduced a series of environmentally friendly classes available through the City’s recreation guide. Classes include: green living, organic gardening, and sustainable landscaping.

2010 SUSTAINABILITY ACCOMPLISHMENTS (CON'T)

COMMUNITY

- Sustainable Claremont: The community has responded to the recommendation of the Sustainable City Plan and formed a community-based non-profit organization which now has approximately 100 members.
- Earth Day Celebration: Several citizen groups and local merchants worked with City staff to hold the second annual Earth Day Celebration on April 17, 2010.
- Green Development: While major construction continued to be limited by the economy in 2010, the Claremont Colleges and Pilgrim Place Retirement Community constructed several major buildings to LEED standards and are seeking LEED certification. By the end of 2010, there were 7 LEED certified buildings in the City and another 9 seeking certification.
- Water Efficiency: Beginning on July 1, 2009, City residents have been called on to conserve water by both City staff and Golden State Water Company. The goal was to conserve at least ten percent of water over past consumption. The result through the 15 months has been excellent with the water company indicating that residents have conserved 5.2 percent.
- Clean Local Energy Production: Claremont families installed Photovoltaic solar panels on 46 homes in 2010; the highest number of Claremont homes ever in a single year. In addition, Pomona College installed large solar energy facilities (producing hot water and electricity) on two new construction projects. In all, these new systems will generate approximately 600,000 kWh of clean electricity per year and roughly double solar electricity production in the City for the second year in a row.
- Green Building: All major commercial construction projects (over 20,000 sq.ft.) in Claremont in 2010 were designed and constructed to “green” standards and are seeking LEED certification.
- Energy Retrofits: City staff and volunteers from Sustainable Claremont worked tirelessly throughout the year to promote the importance of home energy efficiency retrofits. Approximately, 20 retrofits were completed in 2010 with many more underway in 2011.
- Turf Buy Back Program: Golden State Water Company partnered with Three Valleys Municipal Water District to offer a Turf Removal Buyback Program. The program offers rebates to Claremont homeowners who replace turf with water wise landscaping. The program provides \$3 per square foot up to \$3,000 per residence. Approximately 30 homeowners have taken advantage of this excellent program.



IMPORTANT TERMS AND DEFINITIONS:




“City” shall mean the City of Claremont Municipal Corporation and the City government including its staff, commissions, committees and council.

“Community” shall mean the entire community of Claremont including all residents, students, businesses and visitors within the incorporated limits of the City of Claremont.

“LEED” stands for Leadership in Energy and Environmental Design, a rating system created by the United States Green Building Council to evaluate the environmental performance of buildings.

“Sustainability” shall mean the ability for the City and residents of Claremont to meet the needs of the present economy, society and environment while preserving the ability of future generations to meet their needs. (Source: Claremont General Plan, adopted November 14, 2006)

GRADING DEFINITIONS:

-  **Exceeds Goals;** data or subjective (sometimes anecdotal) evidence indicates that goals are being exceeded by 10% or more.
-  **Meets Goals;** data or subjective (sometimes anecdotal) evidence indicates that goals are being met, within 10% margin of error.
-  **Below/Behind Goals;** data or subjective (sometimes anecdotal) evidences indicate that progress is below expected goals by 10% or more.



DEFINITION OF SUSTAINABILITY

“The ability for the City and residents of Claremont to meet the needs of the present economy, society and environment while preserving the ability of future generations to meet their needs”. (Source: Claremont General Plan, adopted November 14, 2006)

REPORT CARD ORGANIZATION

This report is organized around the seven goal areas identified in the Claremont Sustainable City Plan. Each goal area contains several goals that are designed to improve the sustainability of the City and community in that area. Many goal areas, such as water and energy, have numeric targets that translate to quantitative objective measures that are easily measured and evaluated. Other goal areas, such as outreach and economic sustainability, are more difficult to measure and are evaluated with more subjective and sometimes anecdotal evidence.



GOAL AREAS

GOAL AREA 1 – RESOURCE CONSERVATION

ENERGY

Goal 1.1.1 - Reduce energy consumed by 20% by 2015 (2003 Baseline)

City Electricity Use:

Electricity by the Numbers - City:

Note: Based on consumption data provided by Southern California Edison Co.

3,344,500 kWh = 2003 Baseline Energy (City)

3,868,041 kWh = Peak Energy Use (2008)

3,756,290 kWh = 2010 Energy Use

2,675,600 kWh = Target Energy Use in 2015 (City)

1,192,846 kWh = Annual energy savings needed from 2008 peak for City to reach its goal

395,501 kWh = Estimated annual energy savings from projects completed since Oct. 2008

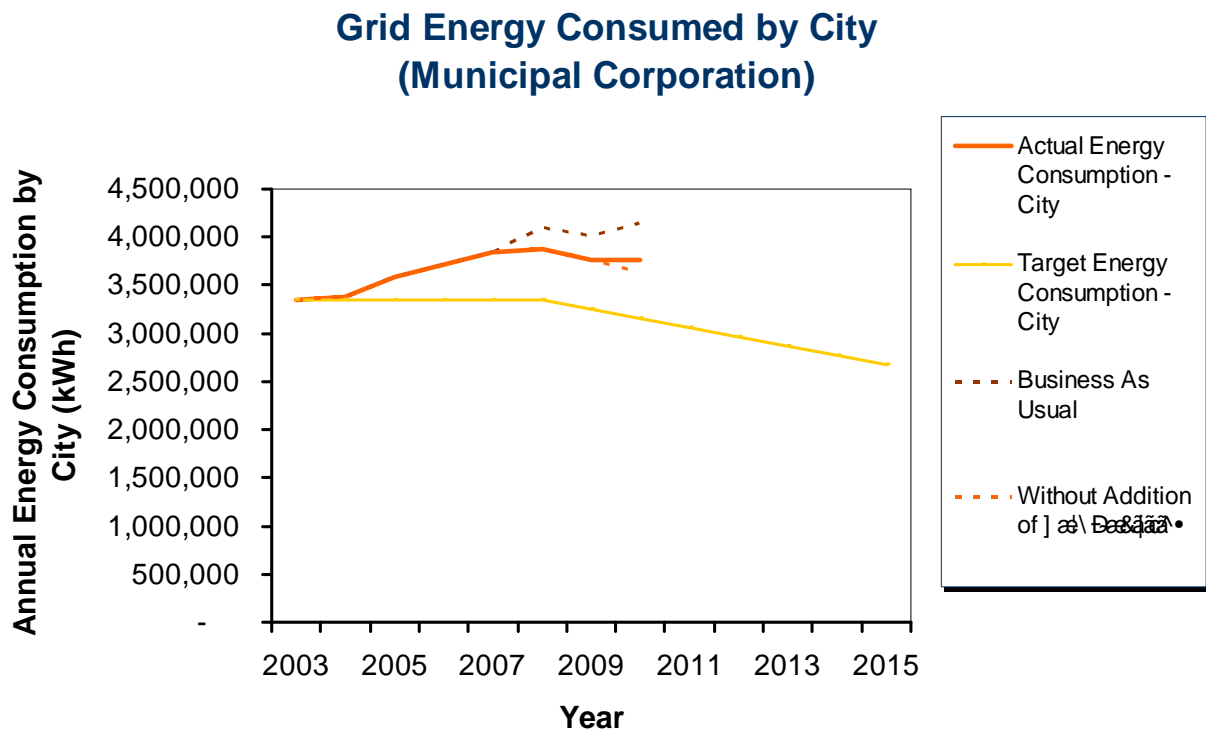
\$225,000/year = amount saved each year by taxpayers if City reaches its goal (20% by 2015)

- After making progress in 2009 the City of Claremont (Municipal Corporation) made little net progress on energy reduction goals in 2010. The City completed additional energy efficiency projects at City Facilities, but also added a large new park and expanded existing facilities that utilized almost as much electricity as we saved. The City must work harder in 2011 to save electricity in order to be on pace to reach its target reduction.
- The City continued to make progress on energy efficiency in its facilities by:
 - Relamping the Village parking structure to high efficiency lights.
 - Installing energy conserving software on all City computers.
 - Installing ultra high efficiency LED safety lighting on a new signalized intersection at Indian Hill Boulevard and Tenth Street. This will be the standard for safety lighting at new or upgraded signalized intersections.

Summary of Electricity Efficiency Projects – Municipal Corporation	
235,882 (kWh)/yr	= 2008 completed electrical efficiency projects for City facilities
34,285 (kWh)/yr	= 2009 electrical efficiency project for City facilities in-progress
125,334 (kWh)/yr	= 2010 completed electrical efficiency projects for City facilities
Total Saved	= 395,501 kWh/year (\$50,000/year)
11.8 % of Baseline	= Total estimated savings for City facilities from 2008-10 Energy Efficiency projects

- The City continued to participate in the San Gabriel Valley Energy Wise Partnership to work to identify additional energy efficiency and peak demand reduction strategies for future action. So far this partnership has resulted in \$40,000 in rebates for energy efficiency expenditures and over \$50,000 in annual energy savings.
- The City continued to partner with Sustainable Claremont on the CHERP project which is designed to help encourage homeowners to make energy efficiency improvements to their homes.
- City Council passed a resolution enabling PACE style loans for residential and commercial properties under the Los Angeles County Energy Program (AB811)
- Figure 1 below compares actual energy consumption to the City’s target. Additional data lines have been added to show “business as usual”, which is the City’s consumption, if the Energy Efficiency projects had not been completed, and energy use if Padua Avenue Park and other facilities had not been added/expanded.

Figure 1

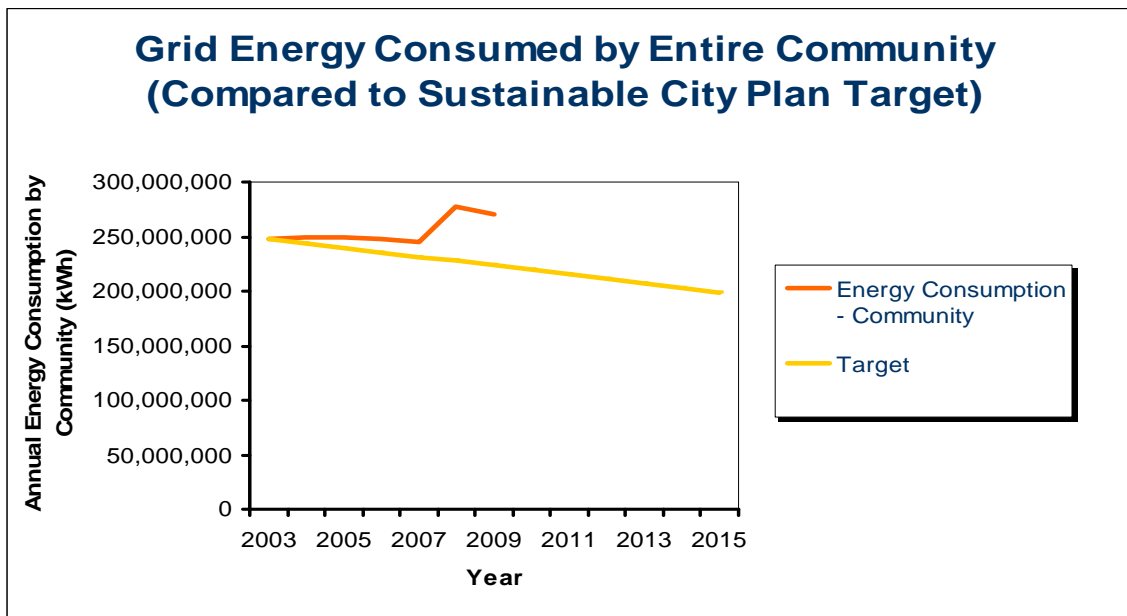


Community Electricity Use: Overall community-wide electrical use dropped slightly and in line with regional trends. While it is more difficult to change habit of private individuals and businesses, City staff has worked hard to promote new rebate, tax credit and loan programs. It is hoped that these programs will begin having a significant impact in 2011.

- Southern California Edison Company (SCE) provided two Solar Energy workshops in Claremont and funded a Christmas light exchange program providing strands of LED lights in exchange for older less efficient strands.
- Claremont Home Energy Retrofit Program (CHERP) - City Staff is working with local volunteers to encourage Claremont homeowners to take advantage of new government and utility incentive programs and make energy efficiency improvements to their homes. This is seen as an excellent way for families to save money on utility bills while creating local jobs, making their homes more comfortable, and reducing the impacts of climate change. Families that spend over \$1 per square foot per year on their combined gas and electric bills are likely to benefit financially from participating in this program.

Communitywide Electricity Consumption

2006	248,204,336 kWh
2007	245,151,276 kWh
2008	277,347,026 kWh
2009	269,965,168 kWh
% Change	+8.1%



Natural Gas City:

This is the first year natural gas data was tracked by the City. It is a relatively small portion of the energy used for City operations. New programs aimed at reducing natural gas consumption will be developed in the future. All gas consumption data has been tracked and provided by The Gas Company.

31,858 Therms = 2003 Baseline Natural Gas Usage (City)

36,025 Therms = 2009 Natural Gas Use

37,765 Therms = 2010 Natural Gas Use

28,000 Therms = Target Natural Gas Use in 2015 (City)

Natural Gas Community:

Note: Based on consumption data provided by The Gas Co.

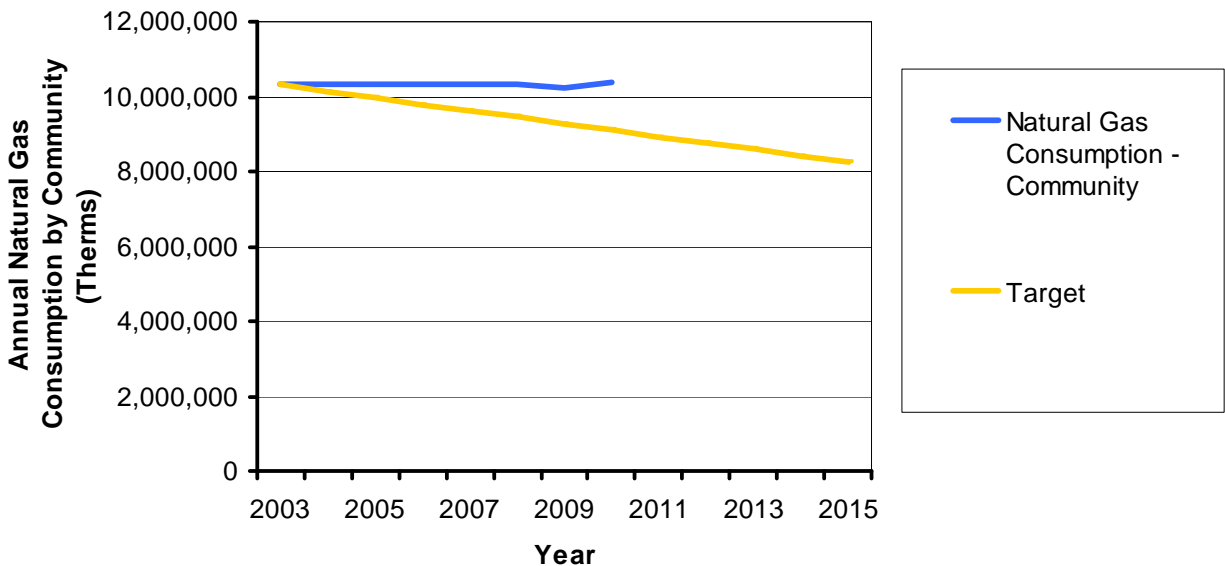
10,306,128 Therms = 2003 Baseline Natural Gas Usage (Community)

10,207,262 Therms = 2009 Natural Gas Use

10,368,113 Therms = 2010 Natural Gas Use

8,244,903 Therms = Target Natural Gas Use in 2015 (Community)

Natural Gas Consumed by Entire Community (Compared to Sustainable City Plan Target)



Note regarding Natural Gas: Based on a December 2006 audit, Natural Gas accounts for less than 10 percent of energy costs for City facilities. As a result, City energy efficiency improvements have focused on electricity rather than gas.

Goal 1.1.2 – Produce more clean energy locally

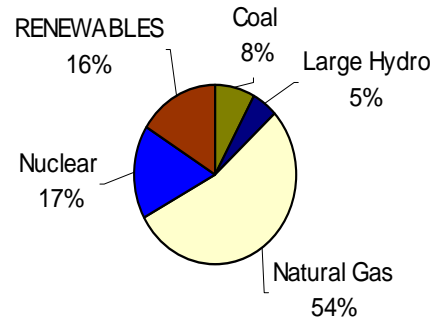
City:

- The City Council authorized a plan to utilize \$92,000 in federal stimulus funds to construct photovoltaic solar panels on two city facilities. The solar panels are expected to be installed in 2011.

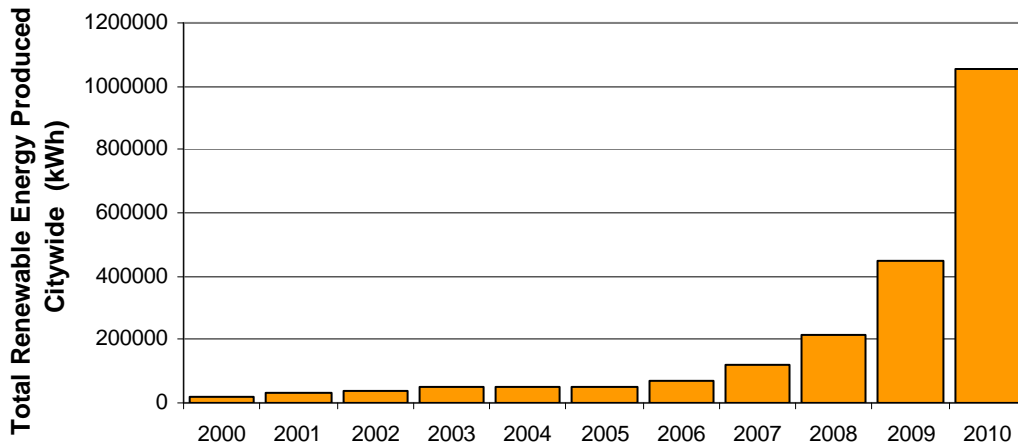
Community:

- During 2010, Claremont property owners continued to increase the number of renewable energy systems installed throughout the City. Homeowners installed photovoltaic solar panels on 46 homes and Pomona College installed large solar energy systems on two new buildings. These 48 new additions to Claremont’s renewable energy portfolio are expected to produce approximately 600,000 kWh; bringing the total estimated renewable energy production in the City to more than one million kWh of clean energy per year. This very impressive growth in this area however still represents a small fraction (approximately .5 percent) of the total energy consumed in the City.

Claremont Energy Mix by Source



Total Renewable Energy Citywide



WATER

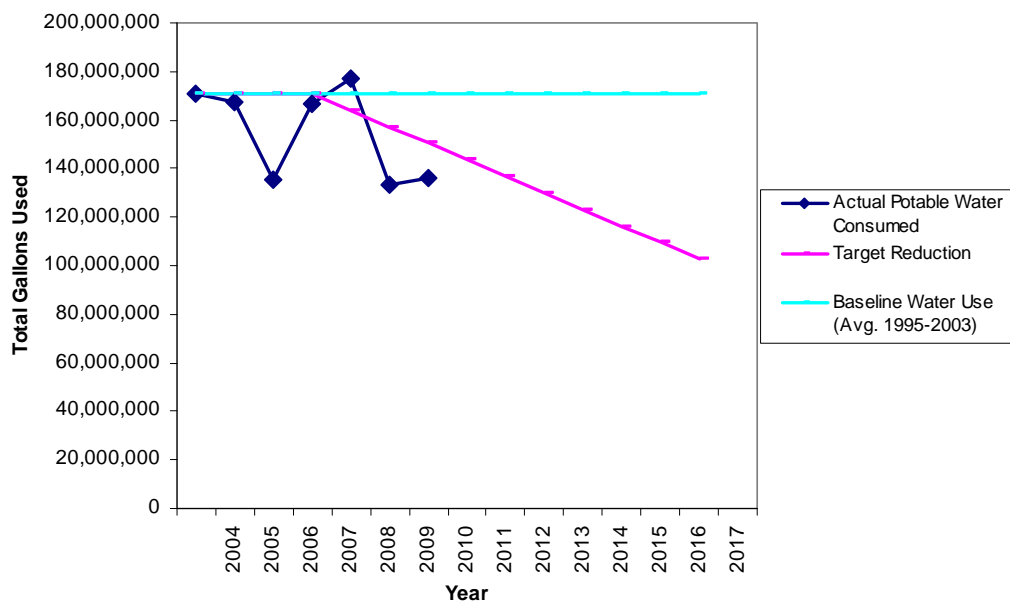
Goal 1.2.1 – Reduce Total Water Consumed by 20% by 2012 and 40% by 2017

City:

- The City continued to reduce its water usage in all City facilities to levels that are below what is required to meet our goals. Consumption numbers include the water used to irrigate Padua Avenue Park, a new 18 acre sports park. Overall, the City has reduced its water consumption by 34,800,000 gallons (19% below the baseline).
- In 2010, the City passed a Water Efficient Landscape Ordinance (WELo) that requires new landscapes and major landscape renovations to follow water saving design practices and comply with a “water budget” for the site.
- The City worked with Golden State Water and Three Valleys Municipal Water District to establish and promote a Turf Buyback Program.
- The City accounts for roughly 3% of total water consumed community-wide

City (Municipal Corp.) Water Consumption		
Baseline (Average 1995-2003)	170,923,984	Gallons/year
2009-2010	136,128,520	Gallons/year
% Change	- 19 %	

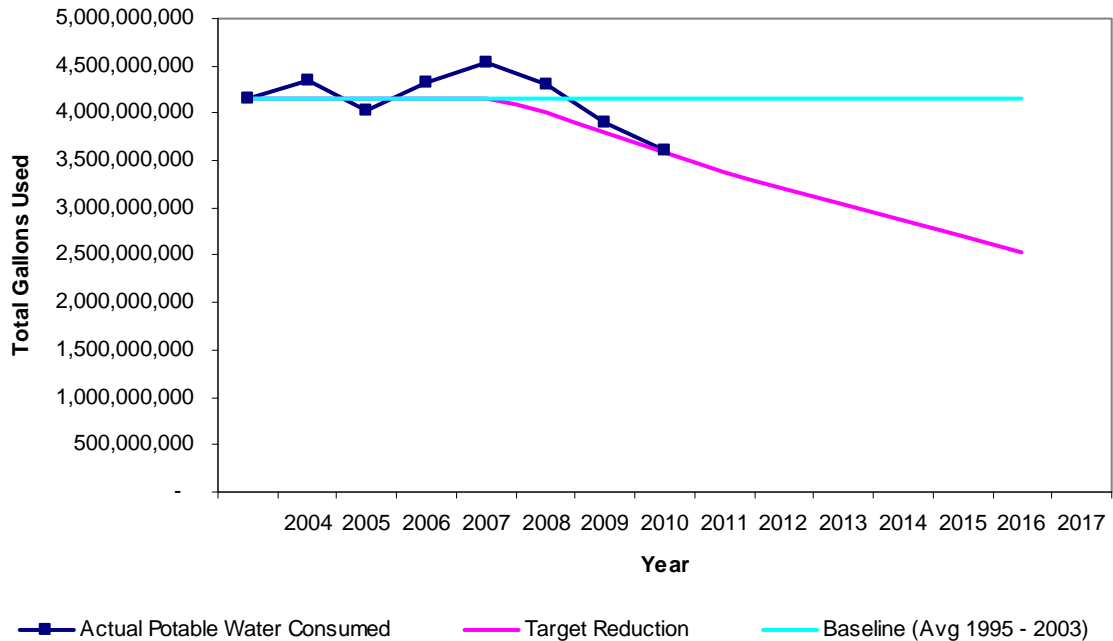
Total Potable Water Used by City Operations



Community: The City, Golden State Water, and various state and regional water agencies have called on the Claremont community to conserve water.

- Golden State Water has provided water conservation kits, low flow toilets, and water conservation tips to customers, as mandated by the State Public Utilities Commission. These kits are available by calling the GSW customer Service hotline.
- Water consumption over the last 12 months is 13.2 percent below the baseline. This puts the community slightly ahead of its goal, which calls for a 20 percent reduction by the end of 2012 (see table below).

Total Potable Water Consumed Community Wide



Source of data: Golden State Water Company

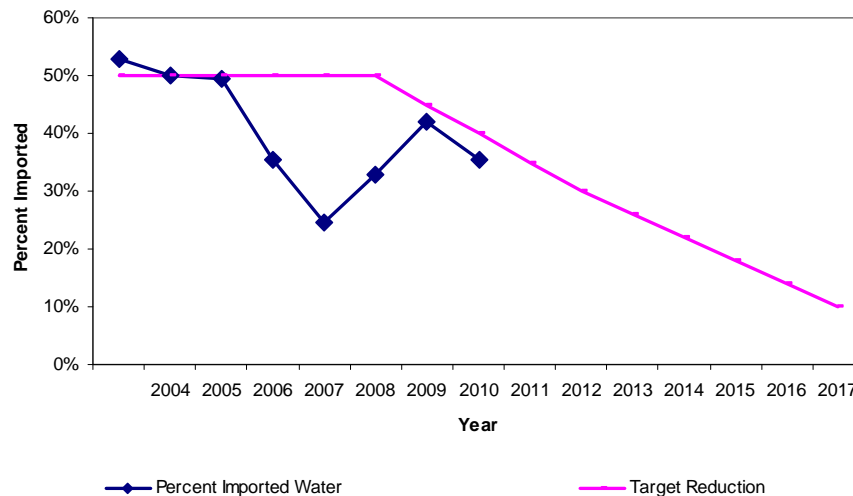
Community Wide Water Consumption		
Baseline Average Use (Average of 1995-2003)	4,148,816,013	Gallons/year
2010 (12 months ending Oct. 31, 2010)	3,602,200,453	Gallons
% Change	- 13.2 %	

Goal 1.2.2 – Reduce consumption of imported water community-wide by 40% by 2012 and 80% by 2017

Community:

- Imported water varies widely in the City based on a number of factors. Overall the community's use of water has declined from a high of 53% in 2003 to 35% for the 12 months ending in October 2009. Currently, it appears that the City is on target to meet its imported water reduction goals.

Percent Imported Water Used Community Wide



Goal 1.2.3 – Minimize waste of water resources by advocating and implementing wise use and conservation measures

City:

- The City adopted a Water Efficient Landscape Ordinance that requires new landscaping or large relandscaping projects to be designed, installed and operated in a water efficient manner. The ordinance requires new landscaping on applicable projects to comply with a maximum water budget for the site. The new ordinance is being implemented by City Planning and Building Division staff.

Community:

- Golden State Water Company continued to implement a water conservation plan that prohibits certain wasteful uses of water and encourages customers to voluntarily conserve at least 10% of past water use (2004-2006 consumption).
- Golden State Water Company partnered with Three Valleys Municipal Water District to offer a Turf Removal Buyback Program. The program offers rebates to Claremont homeowners who replace turf with water-wise landscaping. The program provides \$3 per square foot up to \$3,000 per residence. In the first six months of this program 26 applications were approved in Claremont.

SOLID WASTE

Goal 1.3.1 – Reduce total amount of waste being sent to landfills by 10% by 2015 (baseline year 2000)

Community:

- The community reduced total waste generated by 12.9 percent this year cutting total waste to 29,646 tons from 34,030 tons during the baseline year (2000).

Goal 1.3.2 – Increase amount of composting and mulching

City:

- Negotiated long-term contracts for landfill and green waste recycling for the City.
- Processed green waste for re-use as mulch and compost rather than previous use as “daily cover” in landfills.
- Continued to implement a pilot program for commercial and multi-family recycling. The pilot program resulted in an increase in recyclable materials collected.
- Continued and expanded a free mulch program for residents. The program converts City tree trimmings to mulch that is then given away to local citizens for use as sustainable ground cover for landscapes.
- Total material composted by the City solid waste division has grown from an average of approximately 500 tons/year in 2004-2007 to 7,500 tons/year in 2010



Goal 1.3.3 – Increase diversion of waste from landfills to 70% by 2010

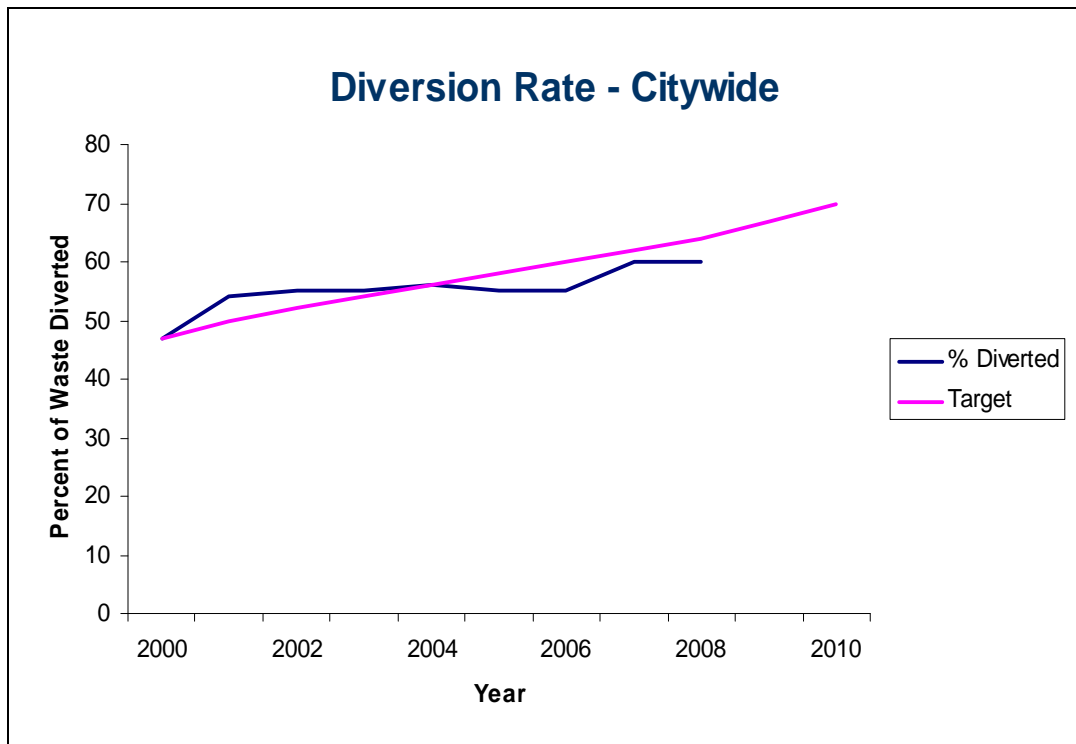
City:

Diverted 64% of the all collected refuse away from landfills. This is 3% short of our goal which would be 67% to reach the target of 70% by 2010.

Community:

Claremonters continued to receive a 99% acceptance rate of green waste – sharing the title for the cleanest green waste in the region. This is important because, green waste that is contaminated with trash, recycle or other unacceptable matter must be sent to the landfill and buried along with the refuse.

City (Municipal Corp.) Waste Diversion Rate	
2000	47 %
2008	60 %
2009	64 %
% Change	36 %



GOAL AREA 2 – ENVIRONMENTAL AND PUBLIC HEALTH

Goal 2.1 - Reduce Greenhouse Gas Emissions

City: The City has completed a draft inventory of greenhouse gases emitted by the City and community. This is the first step in measuring numeric targets and measuring progress in reducing greenhouse gas emissions.

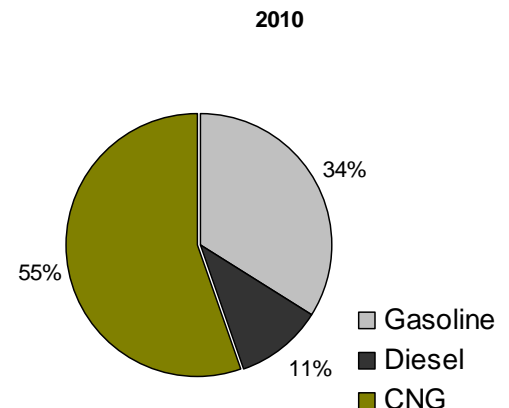
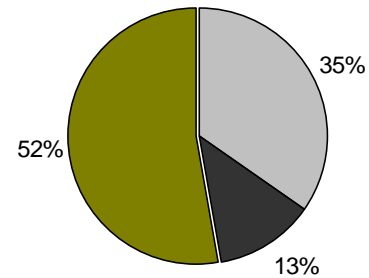
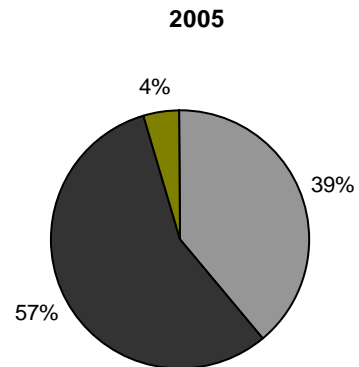
Goal 2.2 – Air Quality: Implement Air Quality Improvement Strategies Recommended by South Coast Air Quality Management District

City:

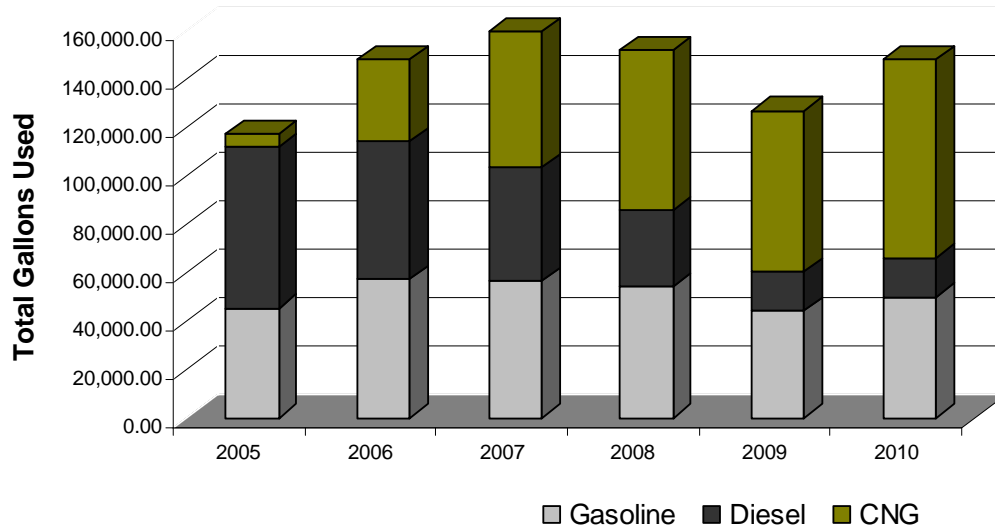
- Continued converting fleet of City vehicles from Diesel and Gasoline to cleaner fuel types such as compressed natural gas (CNG) and gas hybrid vehicles



“Clean Fuel” Street Sweeper



City Fleet - Total Fuel Gallons Used



- Improved City's CNG refueling infrastructure to increase capacity.
- Making CNG fueling facility available to other entities such as the school district and to increase local use of this cleaner fuel type.

Goal 2.2 – Toxics: Increase utilization of household hazardous waste collection programs

City:

- The Police Department introduced a prescription drug disposal program that allows the public to drop off prescription drugs at the police department where they can be safely disposed of.
- In February, the City held its annual HHW roundup in cooperation with LA County Sanitation Districts. This year's collection had its highest participation ever.
- The City organized an additional e-waste pick-up at the annual Earth Day celebration.
- By continuing to convert its fleet from diesel to cleaner fuels, the City has removed large amounts of airborne carcinogenic particles from our air.

Community:

- In addition to the City's annual HHW roundup, there were at least two additional e-waste collection events held in the community. These events provided added opportunities for residents and businesses to turn in hazardous e-waste material.
- The Claremont Branch of the County Library system introduced a battery and light bulb drop-off point to help keep the hazardous materials out of landfills.

Goal 2.3 - Create forums for the exchange of locally grown foods

City:

- City partnered with Farmscape to introduce a new organic gardening class at Hughes Community Center. This new class was featured on the cover of the Fall 2010 activity brochure.
- The City continued its support for and participation in the Claremont Farmers Market and supported the formation of the new Green Market.

Community:

- **Food Not Lawns:** This non-profit group continued to work with local families to help convert existing front lawns into productive vegetable and fruit gardens.
- **Green Market:** The Claremont Forum has continued to support a weekly “green market” offering local organic foods and other green products every Wednesday in the College Heights Packing House.
- **Farmscape:** This Claremont business was established to construct vegetable gardens on residential properties and provide optional growing/harvesting service for residents. The concept has been very popular locally and has already expanded to service other southern California communities. It was recently profiled in the Los Angeles Times.
- **Community Garden at Methodist Church:** The Claremont United Methodist Church continues to offer community garden plots to the community.

Goal 2.4 - Increase school district or community gardens

- **Claremont Unified School District:** The school district greatly expanded the number of on-campus gardening projects. The food services director has made arrangements to utilize these and other locally grown, organic vegetables in school lunches. CUSD currently operates organic gardens at Vista Elementary, Oakmont Elementary, Sycamore Elementary, El Roble, San Antonio High and Claremont High.
- **Sustainable Claremont Schools Action Group:** This group worked extensively with school district staff and administrators regarding gardening projects and sustainable facilities. The work culminated in October 2010 when the school board passed a formal resolution pledging to increase sustainability throughout the district.

GOAL AREA 3 – TRANSPORTATION

Goal 3.1 - Reduce per capita vehicle miles traveled (VMT)

City:

- The City drafted and passed an ordinance that provides a reduction in parking for colleges that prohibit entire classes of students from bringing cars to campus. The intent is to provide an incentive for colleges to significantly reduce car trips on and around campus. It also reduces the VMT of students who no longer have cars and must walk, bicycle, carpool or take transit.
- The City completed an inventory of greenhouse gases emitted by the City and community. This is the first step in measuring setting numeric targets and measuring progress in reducing greenhouse gas emissions. The inventory will include a strategy for complying with AB 32, which requires a 20% reduction in GHG emissions by the year 2020 (baseline year is 1990).

Goal 3.2 – Increase Pedestrian Facilities

City:

- The City constructed 1,500 feet of new sidewalks.
- Completed 350,000 square feet of upgraded sidewalks and other pedestrian safety and amenity upgrades in the Village.

Goal 3.3 – Increase Bicycle Commute Trips

City:

- Completed bicycle counts in September of 2009 and 2010. Although the survey is not comprehensive and Citywide, the data does indicate a 20% increase in observed bicyclists from 2009 to 2010. This is consistent with a general sense from staff and bicycle enthusiasts that ridership in Claremont is increasing. The increase is due at least in part to the Claremont Colleges restricting underclass students from bringing cars to campus.
- Constructed and opened for service a Bikestation at the Claremont Depot.
- Maintained designation as a Bike Friendly Community.
- Citrus Regional Bikeway Project – City staff completed design, secured funding and is currently constructing this project. It is anticipated that to be completed in April, 2011. This project will provide 1.7 miles of east-west bike lanes on Bonita Avenue, from Carnegie to College Avenue, and First Street from College Avenue to the Claremont Blvd. The Claremont portion of this bikeway will connect with the Old Pacific Electric Bike Trail in San Bernardino County.
- Bike Priority Zone Improvements -100 additional Bike Priority Zone bike racks have been fabricated and delivered to the City. These bike racks will be installed within the City's Bike Priority Zone by the end of January 2011. Additional Bike Priority Zone signage will also be installed.

GOAL AREA 4 – SUSTAINABLE BUILT ENVIRONMENT

Goal 4.1 – 100% of new City facilities to gain LEED Gold Certification

City: No new City buildings were designed or constructed in 2010.

Goal 4.2 – All major private, non-residential developments certified LEED Silver

Community:

- During 2009 and 2010, all new non-residential construction with more than 20,000 square feet of habitable floor area was designed to meet LEED standards. All project developers have indicated that they are seeking LEED Certification for LEED Silver or higher for these projects.



New affordable housing Project under construction on College Ave. – Seeking LEED Platinum Certification

- The City of Claremont has a very high number of LEED certified buildings for a City of its size. The following table contains a list of structures that have already received LEED Certification or are currently seeking LEED Certification.

LEED Certified Buildings in Claremont			
Developer	Project	Building Size (Sq. Ft.)	LEED Certification Level/(Target)
Pomona College	Seaver Science Center	45,900	Silver
Harvey Mudd College	Sontag Residence Hall	26,171	Certified
Harvey Mudd College	Hoch-Shanahan Dining Hall	26,509	Silver
Pomona College	Lincoln - Edmunds Building	92,000	Gold
Pitzer College	Residential Life Project (3 bldgs)	69,098	Gold
Jaquez DDS	Claremont Smile Design Offices	2,000	Certified
Stone Creek Developers	Claremont Medical Plaza/ Pomona Valley Medical Center	50,000	Silver
Additional Projects Currently Seeking LEED Certification			
Pomona College	North Campus Residence Hall	85,000	<i>(Gold anticipated)</i>
Pilgrim Place	Assisted Living Building	22,440	<i>(Gold anticipated)</i>
Pilgrim Place	Residential Building	45,744	<i>(Gold anticipated)</i>
Pilgrim Place	Recreation Building	23,000	<i>(Gold anticipated)</i>
Jamboree Housing	Affordable Housing Project (Courier Place Apartments)	85,635 (75 Units)	<i>(Platinum anticipated)</i>
Pitzer College	Residential Life Phase II	78,000	<i>(Gold anticipated)</i>
Claremont University Center (CUC)	Administrative Campus	41,053	<i>(Silver anticipated)</i>

- As discussed above under energy, residents more than doubled the production of solar electricity generated in the City by installing Photovoltaic systems on 46 homes and 2 college facilities.
- Pilgrim Place retirement community has developed a LEED Silver level master plan, completed one LEED rated building and is currently constructing 2 additional LEED buildings.

Goal 4.3 – City Staff Training - LEED and Sustainability

City:

- City staff from both the building and planning divisions are LEED accredited professionals.
- City adopted the State of California Green Building Code, which will become effective January 1, 2011.

GOAL AREA 5 – OPEN SPACE AND LAND USE

Goal 5.1 – Protect Natural Open Space

City: The City continued to work to protect natural open spaces in the City.

- Maintained the 1,913 acre Claremont Wilderness Park and provide public access to this important community asset. Currently, the City is working to design an expanded parking lot to resolve parking issues at the entrance to the park.
- Completed design and funded first phase of the rehabilitation of the Sycamore Canyon Park Restoration Project. This project will include the phased removal of non-native Eucalyptus trees and replacement with native Sycamore and Oak trees.
- Completed the design and issued a contract for an upcoming native landscaping project at Padua Avenue Park. Starting in March 2011, native landscaping will be added to various areas of the park, including existing parkways, planters, and borders. The plant palette will include Riversidean Alluvial Fan Sage Scrub (RAFSS) plantings that are native to the park site and will complement the existing habitat on the north side of the park. These newly incorporated elements are funded by a grant from the Rivers and Mountains Conservancy.
- Negotiated the purchase of the Cuevas Property, approximately 150 acres of hillside land that abuts the Claremont Wilderness Park to the north, Johnson's Pasture to the west, and Sycamore Canyon Park to the south. In obtaining this piece of privately owned property, the City can prevent future development of this important section of natural open space and preserve connections between the Claremont Hills Wilderness Park, Sycamore Canyon Park, Johnson's Pasture, and Marshall Canyon Regional Park. The nearly \$5 million purchase price for this land will be funded through grants from the Rivers and Mountains Conservancy (RMC) and the Wildlife Conservation Board (WCB).
- Changed City parking ordinance related to educational institutions which helped avert the development of existing open space, adjacent to the colleges, for parking lots.
- On the negative side, 3.7 acres of existing natural open space on Pitzer College is being developed for new dormitories. The loss of open space is due to a previous approval that preceded the adoption of the Sustainable City Plan.

Community:

- The League of Women Voters hired a consultant to develop a plan for the future of the Thompson Creek Spreading Ground and held two Community workshops to solicit public comments and opinions on how best to use/preserve this important open space in Claremont.

Goal 5.2 – Expand and Improve our network of Constructed Open Spaces

City:

- Completed construction of initial phases of 18-acre Padua Avenue Park and opened the facility for use by the community. This park includes two new sports fields that were urgently needed to serve local youth sports programs. The sports fields utilize high efficiency irrigation and water efficient turf (warm season Bermuda).
- Maintained 24 City-owned parks, sports fields and public plazas that provide over 150 acres of constructed open space throughout the community.



Padua Avenue Park

Goal 5.3 – Create Mixed Use Areas to Increase alternative transit opportunities and affordable housing

City:

- Approved site plan and broke ground on construction of a new medium density affordable housing project in a mixed use area adjacent to the Claremont Depot transit station.

Goal 5.4 – Protect the Urban Forest

City: The City continues to maintain its extensive network of street and park trees, which in return provide Claremont with much of its unique character and beauty.

- City maintained its urban forest of 24,173 City trees (street trees and parks).
- City won the National Arbor Day Association's "Tree City USA" award (26 years and running).
- The Community Services Department implemented revisions to the street tree designation list to include appropriate street trees and alternates for special circumstances.
- The Community Services Department also updated its tree policy to provide additional guidance on the maintenance, removal and replacement of City trees. The intent of the policy is to increase the sustainability of Claremont's urban forest by helping to maintain trees in a healthy manner, preserve healthy and appropriately located trees, remove trees that are dangerous or causing unsustainable financial impacts, and select appropriate trees for the location.

Community:

- Volunteers planted approximately 500 Oak trees in the Claremont Wilderness Park. During 2010, local landscape architect Mark von Wodtke continued coordinating the "Achievable Claremont Oak Regeneration Now" (ACORN) project. This project utilizes volunteers to gather acorns from local native Oaks, propagate them with help from the Rancho Santa Ana Botanic Garden, plant the Oak seedlings in the Claremont Wilderness Park, and water and maintain them until they become self-sufficient. The effort is aimed at restoring Oak woodland areas of the foothills and has many benefits to the environment.



GOAL AREA 6 – HOUSING & ECONOMIC SUSTAINABILITY

Goal 6.1 – Meet or Exceed State Housing Mandates

City:

- The City and Redevelopment Agency Partnered with Jamboree Housing Development to design, receive funding for and break ground on a 75 unit affordable housing development. Of these 38 are reserved for seniors and 36 are reserved for families. All units will be reserved for very low income level families. The project is expected to receive LEED Certification at the Platinum level.

Goal 6.2 – Promote neighborhood identity and conservation of individual neighborhood character

City:

- Implemented the City Mills Act ordinance to allow more properties to receive tax incentives for maintaining their historic character.

Goal 6.3 – Retain Claremont's history and heritage

City:

- No properties were added to or deleted from the register.
- In 2010, six new home owners were granted Mills Act tax benefits in exchange for historic preservation and restoration of their property.

Goal 6.4 – Maintain a strong, diversified economy

City: This year, City Economic Development staff worked hard to preserve our economy in very difficult economic times. Efforts included:

- Worked with the Chamber of Commerce to host a stage of the Amgen Tour de California to Claremont. This high visibility event will attract many visitors and garner national publicity for the City.
- Continuation of the Friday Nights Live and Depot Jazz Series in the Village,
- Facilitation of a Family Festival program on Wednesday nights and a new Earth Day Celebration in the Village.
- Implemented two grants as incentives to attract new businesses that hire local low income residents. The loans resulted in the creation of over 100 jobs in the City.

- Worked to attract a new tenant to a previously vacant tenant space on the Village Expansion public plaza. This business is open
- Worked with new property owners of a retail Center in South Claremont to secure a new anchor tenant; a full-service super market. A market has been a high priority for the neighborhoods in South Claremont that this new business will serve. The new business is preparing plans to completely renovate the tenant space and open in mid 2011.
- Revised the City's sign code to accommodate more appropriate signage for local businesses.

Community: The Claremont Chamber of Commerce continued several existing programs and developed a “Shop Claremont” campaign designed to encourage residents to shop at local and locally owned businesses to help maintain a sustainable local economy.



GOAL AREA 7 – OUTREACH & IMPLEMENTATION

Goal 7.1 – Outreach and Education to Public Regarding Sustainability Issues

City:

- **Sustainable Claremont** - City staff continued to support this community-based non-profit organization, which now has approximately 100 members. Accomplishments of this group included a monthly “Sustainability Dialog Series” as well as extensive volunteer support for Earth Day Celebrations and the Claremont Home Energy Retrofit Program (CHERP). Join or learn more about this organization through their website: www.SustainableClaremont.org.
- **Earth Day Celebration** – The City Partnered with Sustainable Claremont, to hold the 2nd Annual Earth Day Celebration on Saturday, April 17 from 10 a.m. – 3 p.m. in the Village. A two block section of Second Street was filled with over 50 exhibitor and vendor booths offering earth friendly information, products, children's activities and e-waste disposal. The main stage, located on the Village Square public plaza, hosted three bands and a performance by local school children.
- **Sustainability Report Card** – The City Council adopted its first annual Sustainability Report Card on December 8, 2009 and has presented the results at several public meetings.
- **Public Information** - The City Sustainability Coordinator, Public Information Officer, and Community Services staff provided sustainability information upon request to citizens by phone, e-mail, and in-person at numerous public meetings and events. In addition, the City published numerous sustainability related articles in City newsletters, City Manager updates, and on the City website.
- **Claremont Home Energy Retrofit Program (CHERP)** - City Staff is working with local volunteers to encourage Claremont homeowners to take advantage of new government and utility incentive programs and make energy efficiency improvements to their homes. This is seen as an excellent way for families to save money on utility bills while creating local jobs, making their homes more comfortable, and reducing the impacts of climate change. Families that spend over \$1 per square foot per year on their combined gas and electric bills, are likely to benefit financially from participating in this program.
- **California Green Communities Challenge** – In recognition of recent leadership on sustainability, the City has been invited to participate in this exciting challenge between ten Southern California Cities. The campaign is designed to highlight sustainability efforts of ten leading communities, including Claremont. The “challenge” will also allow these Cities to learn from each other, and to challenge each to do more. The effort is funded by several corporate partners including Southern California Edison and the Environmental Marketing Association. An interactive website and public events for each of the participating cities are being developed.

- **Establishment of New City Sustainability Courses** – City staff facilitated the establishment of new courses on living sustainably, organic gardening, water-wise landscaping, and home energy retrofits through the City’s Activity brochure. These new class offerings were featured prominently in the Fall City Activity Brochure and are underway at this time. The sustainable living course is partially funded with grant funds awarded through the City Community Based Organization (CBO) funding process

Community:

- **Sustainable Claremont** - Community volunteer have provided innumerable hours of their time to support this community-based non-profit which now has approximately 100 members.
- **Sustainability Dialog Series** - Sustainable Claremont, partnered with Pomona College, the League of Women Voters and the Claremont Interfaith Committee for Sustainability to hold monthly lectures on sustainability topics. Speakers included local, regional and statewide leaders on topics including: water policy, greenhouse gas legislation, sustainable projects in Haiti, home energy retrofits, water-wise irrigation, local sustainable development projects and more. Attendance at these monthly lectures ranged from 40 to over 100.
- **Demystifying Sustainability Series in Claremont Courier** – Sustainable Claremont worked with the local newspaper to develop and publish a monthly article on a topic related to the Sustainability Dialog Series.
- **CHERP Outreach** – Sustainable Claremont members held several public meetings to educate the public on the importance of home energy retrofits and published occasional newspaper articles and e-mail updates regarding the Claremont Home Energy Retrofit Project.
- **Earth Day Celebration** – The community group, Sustainable Claremont, held its 2nd Annual Earth Day Celebration on Saturday, April 17 from 10 a.m. – 3 p.m. in the Village.
- **Volunteer Working Groups** - Sustainable Claremont held over 50 working group meetings on various sustainability related topics.
- **Website** - Sustainable Claremont established a website with information on many related topics ([www. SustainableClaremont.org](http://www.SustainableClaremont.org))
- **Southern California Edison** held two public education forums Solar Energy.
- **Golden State Water** held public forums on water conservation and on water wise landscaping.
- **The Rancho Santa Ana Botanic Garden** held numerous lectures and workshops on water wise landscaping and California native plantings.
- **Information Hotlines** - Southern California Edison, Golden State Water Company, and The Gas Company staff all provided on-demand sustainability related information to the public.

Goal 7.2 – Permanently integrate sustainability principles in to daily decision making processes

City:

- Continued to staff a nine-person sustainability committee to review implementation of the Sustainable City Plan.
- Provided staff to help facilitate Sustainable Claremont.
- Continued to operate its City Staff Green Team to implement Sustainable City Plan as it pertains to City government.
- Continued to implement the City Manager's Sustainability Embedment Plan
- Developed and circulated the City's first annual Sustainability Report Card.
- On a negative note, the Sustainability Committee concluded that the solid waste RFP process lacked adequate coordination with Sustainable City Plan Goals and objectives and encouraged staff to work more diligently to reach this goal.

Community:

- Sustainable Claremont established a framework of action groups designed to help the community implement the community-wide goals of the Claremont Sustainable City Plan.
- The League of Women Voters of the Claremont Area sponsored several discussions regarding sustainability topics.

Goal 7.3 – Metrics – track and objectively measure progress

City:

- Collected and tracked relevant data (based on availability).
- Created second annual Sustainability Report Card to track progress toward the goals of the Sustainable City Plan, which includes new data for natural gas use and green buildings in Claremont.
- Completed an energy efficiency and conservation strategy with assistance from technical consultant
- Worked with a consultant to complete a greenhouse gas inventory to estimate current greenhouse gas emissions Citywide. The document allows the City to measure progress toward goals, meet state mandates and compete for grants.
- Assisted in creation of Claremont Home Energy Retrofit Project (CHERP) to promote home energy retrofits to reduce energy consumption and make follow-up performance data available to public.

Community:

- Golden State Water Company continued to provide water conservation targets for all water users and put in place systems to monitor data on the attainment of this goal with monthly reporting to customers and the City.
- Pomona College created annual sustainability report to track measureable progress toward the institution's sustainability goals.