

BEACON



SPOTLIGHT  
AWARD

WINNER

BEST PRACTICE  
ACTIVITIES



# City of Artesia

## Sustainability Best Practice Activities



**ILG** INSTITUTE FOR  
LOCAL GOVERNMENT<sup>SM</sup>  
*Promoting Good Government at the Local Level*



# City of Artesia

California communities are leading the fight against climate change. From small projects to large-scale programs, cities and counties are making great strides to create healthy, sustainable and economically prosperous communities. Participants in ILG's Beacon Program serve as leaders in this effort, making measureable contributions to reducing energy and greenhouse gas emissions, and sharing their sustainability best practices.

This document represents a collection of activities your agency has completed in 10 areas of sustainability. While local governments have a wide range of choices available to address climate change, these activities represent the unique opportunities and values in your community. These voluntary actions are essential to achieving California's goals to save energy, reduce greenhouse gas (GHG) emissions and create more sustainable communities.

## SPOTLIGHT AWARD

Areas of Accomplishment		SILVER LEVEL	GOLD LEVEL	PLATINUM LEVEL
	Agency GHG Reductions			
	Community GHG Reductions			
	Agency Energy Savings	2018 (7%)		
	Natural Gas Savings			
	Sustainability Best Practice Activities	2018	2019	
	Beacon Award			

Cities and counties throughout the Golden State should be proud of the accomplishments made through the hard work, innovation and collective community action. The Institute for Local Government applauds your achievements and thanks you for your continued participation in the Beacon Program.

The Beacon Program is sponsored by the Institute for Local Government and the Statewide Energy Efficiency Collaborative (SEEC). SEEC is an alliance between three statewide non-profit organizations and California's four Investor-Owned Utilities. The Beacon Program is funded by California utility ratepayers and administered by Pacific Gas and Electric Company, San Diego Gas and Electric Company, Southern California Edison and Southern California Gas Company under the auspices of the California Public Utilities Commission.





# Energy Efficiency and Conservation Activities

## Silver

1. The city completed an energy efficiency project to replace all 72 outdoor baseball field lights at Artesia Park from metal halide lights to LEDs in February 2017.

## Gold

2. In April 2017, the city entered into Los Angeles County's Property Assessed Clean Energy (PACE) program, allowing residents and local businesses to make energy efficient upgrades by deferring the cost of improvements onto the property tax role. As of May 2018, the city has 33 projects in the PACE program.
3. For the past three years, the city has continuously worked on converting all security lighting at city hall to more energy efficient options, totaling six LED fixtures as of January 2018.

## Platinum





# Water & Wastewater Systems Activities

## Silver

1. The city has used a grass cycling method since 2013 to provide nutrients and retain water in the grassy areas of the city's parks. This practice was implemented by the city's park maintenance staff.

## Gold

2. The city installed a demonstration garden at city hall and the community center in 2012 to promote and educate residents about water conservation.
3. The city uses non-toxic fertilizers in all agency parks and landscaped areas in order to reduce contaminants in runoff.

## Platinum





# Green Building Activities

## Silver

1. The city's tree trimmings are recycled by its contract tree care provider into wood chip mulch. The mulch is used by the contractor for city use and its other clients.

## Gold

2. City council amended its Construction and Demolition Ordinance to require 65% or more diversion of construction materials and waste.
3. The city replaced the 40-year old wooden roof on city hall with a cool roof in September 2018.

## Platinum

4. The city's Historic Recreational Trails Project will be constructed with permeable concrete.





# Waste Reduction and Recycling Activities

## Silver

1. The city completed a storm water runoff improvement project in March 2016 along Pioneer Boulevard that used packed gravel in order to allow for natural percolation to replenish groundwater.

## Gold

2. The city implemented a multi-stream recycling program at city hall in May 2018. A recycling container is placed in each office to collect recyclables. The contents are consolidated and disposed of in a dedicated dumpster for multi-stream recycling provided by the city's waste hauler.
3. The city and the city's waste hauler collaborated for the April 2018 annual community cleanup event to do collection and round-up for bulky items, household hazardous waste, and electronic/universal waste.

## Platinum

4. The city's contracted waste hauler has provided a home-generated sharps disposal service since November 2015.
5. The city's document destruction service recycles all shredded documents.
6. The city's waste collection provider publishes quarterly newsletters with educational content on the importance of recycling and avoiding contamination of waste streams from recyclables.
7. The City of Artesia's Municipal Code, Title 6, Chapter 2, Article 2 codifies a construction and demolition recycling ordinance that includes materials debris.





# Climate-friendly Purchasing Activities

## Silver

1. The city's franchised waste hauler CR&R has been contracted to use low-emission CNG vehicles in its fleet since November 2015.

## Gold

2. The city has audited its copier paper supply for recycled content and requests that city staff use paper with a higher post-consumer content.
3. The city provided staff responsible for procuring office supplies with websites that identify brands of green office supplies and to ensure compliance with SB 1383.

## Platinum

4. The city publishes an annual report to city council and the community identifying achievements, such as retiring fuel inefficient, polluting vehicles, using renewable sources of electricity to power city facilities and upgrading city lights to LED.





# Renewable Energy and Low-Carbon Fuels Activities

## Silver

1. In May 2018, the city enrolled in Southern California Edison's Green Rate to purchase 100% solar generated electricity for use in all city buildings and non-traffic related locations.

## Gold

2. The city participates in the direct install retrofit rebate program through Southern California Edison (SCE) to offer financial incentives for installations of solar photovoltaics or hot water systems to SCE serviced homes and businesses. An SCE approved contractor completes an energy assessment for the home/business and makes recommendations on how to improve energy efficiency. Since 2016, there have been a total of 55 participants that completed retrofits through the program.
3. In January 2018, the city worked with Southern California Edison to perform a rate analysis of city operations as part of enrolling in the Green Rate Program. As part of the city's plan to reduce its carbon footprint to zero, the Green Rate allows the city to purchase 100% solar energy from independently owned solar farms in California. The analysis identified locations that are highly inefficient and will be prioritized to reduce electric consumption.

## Platinum





# Efficient Transportation Activities

## Silver

1. The city installed bicycle lanes on South St. from the eastern to the western city limit in 2014 in order to improve mobility. The project added new connecting bicycle lanes, lockers, and racks and also improved paths and signage throughout the community.

## Gold

2. The city's Bike and Pedestrian Trail System project increases the number of bike lanes, lockers, racks, and paths from Metro's right of way from 183rd street to 187th street. This project also connects to the new light-rail station along the Metro right of way. The project broke ground in November 2017.
3. The city added two new hybrid vehicles, a Ford Escape in 2010 and a Ford Fusion in 2012 to replace older, inefficient gas vehicles and improve the city's green fleet.

## Platinum

4. The city completed its traffic signal synchronization project for signals along its major thoroughfare, Pioneer Blvd., in fiscal year 2013-2014 by using its annual motor vehicle subvention fund allocation.
5. To encourage and facilitate the development of bike sharing in the community, the city has prepared and submitted informational materials to the city council regarding bike sharing services and benefits.





# Land Use and Community Design Activities

## Silver

1. The Artesia General Plan 2030 Community Planning Principle LU#1 encourages compact, efficient and contiguous development. This policy integrates diverse land uses including housing, employment and community services at appropriate densities to help reduce automobile travel and promote walking, bicycling and other opportunities for physical activities.

## Gold

2. The city makes the reduction of vehicle-miles traveled a high priority and criteria item in its evaluations of policies, programs, project proposals, and alternatives. This principle is identified in the Circulation and Mobility Element of Artesia's General Plan 2030 (Community Planning Principles, CIR #3).
3. City council adopted a schedule of development impact fees to fund future open recreational space.

## Platinum

4. The city is developing its Downtown Specific Plan that incorporates increasing development density in areas that are well served by transit and includes incentives and streamlining for transit oriented development.





# Open Space and Offsetting Carbon Emission Activities

## Silver

1. The city has planted 115 new trees since 2013, providing carbon sequestration potential of 5,520 pounds each year.

## Gold

2. The city held a park beautification event with community members to coincide with Earth Day in April 2018 to clean up Artesia Park and plant drought tolerant, native plants.
3. The city monitors its tree inventory through the use of ArborAccess, the online tree inventory software managed by city's tree care contractor.

## Platinum





# Promoting Community and Individual Action Activities

## Silver

1. During the Public Safety Expo event in February 2018, the city distributed various give-away items such as reusable bags and replica recycling bins to community members in an effort to promote environmental awareness and responsibility.

## Gold

2. The city's Home Improvement Loan Program for residents includes coverage of environmental health-related repairs such as for lead paint and lead soldering abatement.
3. The city organized the Earth Day Expo and Eco-Artesia event at Artesia Park in 2018 to encourage community involvement towards environmental stewardship. The event featured an eco-friendly recycled art contest, an eco-focused essay contest and the Artesia Park Volunteer Beautification and Clean-Up.

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