

SILVER LEVEL AWARD WINNER

BEACON



SPOTLIGHT  
AWARD

WINNER

BEST PRACTICE  
ACTIVITIES



# City of Artesia

Sustainability Best Practices Activities



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

## SPOTLIGHT AWARD

Areas of Accomplishment

|   |   | SILVER LEVEL | GOLD LEVEL | PLATINUM LEVEL |
|---|---|--------------|------------|----------------|
|    | Agency GHG Reductions                   |              |            |                |
|    | Community GHG Reductions                |              |            |                |
|   | Agency Energy Savings                   | 7%           |            |                |
|  | Natural Gas Savings                     |              |            |                |
|  | Sustainability Best Practice Activities | 2018         |            |                |



## About This Document

This document tracks and shares local agency best practice activities completed and counted as part of a city or county's participation in the climate change and sustainability recognition program, the Beacon Program. The Beacon Program is a statewide program recognizing cities and counties that are working to reduce greenhouse gas emissions, save energy and adopt policies and programs that promote sustainability.

The Beacon Program is sponsored by the Institute for Local Government and the Statewide Energy Efficiency Collaborative. The Statewide Energy Efficiency Collaborative (SEEC) provides support to cities and counties to help them reduce greenhouse gas emissions and save energy. SEEC is an alliance between three statewide non-profit organizations and California's four Investor-Owned Utilities. It builds upon the unique resources, expertise and local agency relationships of each partner.



## Supporting California local governments

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.



**City of Artesia**

Best Practice Activities

[www.ca-ilg.org/BeaconAward/](http://www.ca-ilg.org/BeaconAward/)



# Energy Efficiency and Conservation Activity

| Level  | Energy Efficiency and Conservation Activity   | Reported |
|--------|---|----------|
| 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. | 2018     |

| Level | Energy Efficiency and Conservation Activities  | Reported |
|-------|--|----------|
| Gold  | <ol style="list-style-type: none"> <li>1. In April 2017, the city entered into the 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.</li> <li>2. For the past 3 years, the city has continuously worked on converting all security lighting at city hall to more energy efficient options, including 2 LED fixtures in previous years, and 4 LED fixtures as of January 2018.</li> </ol> | 2018     |

| Level    | Energy Efficiency & Conservation Activities | Reported |
|----------|---|----------|
| Platinum |   |          |





# Water & Wastewater Systems Activity

| Level  | Water & Wastewater Systems Activity  | Reported |
|--------|--|----------|
| Silver | 1. The city has used the grass cycling method since 2013 to provide nutrient and retain water in the grassy areas of the city's parks. This practice was implemented by the city's park maintenance staff. | 2018     |

| Level | Water & Wastewater Systems Activities   | Reported |
|-------|---|----------|
| Gold  | <ol style="list-style-type: none"> <li>1. The city installed a demonstration garden at city hall and the community center in 2012 to promote and educate about water conservation.</li> <li>2. The city uses non-toxic fertilizers in all agency parks and landscaped areas in order to reduce contaminants in runoff.</li> </ol> | 2018     |

| Level    | Water and Wastewater Systems Activities | Reported |
|----------|---|----------|
| Platinum |   |          |





# Green Building Activity

| Level  | Green Building Activity  | Reported |
|--------|--|----------|
| 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. | 2018     |

| Level | Green Building Activities | Reported |
|-------|---------------------------|----------|
| Gold  |                           |          |

| Level    | Green Building Activities | Reported |
|----------|---------------------------|----------|
| Platinum |                           |          |





# Waste Reduction and Recycling Activity

| Level         | Waste Reduction Activity   | Reported    |
|---------------|--|-------------|
| <b>Silver</b> | 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. | <b>2018</b> |

| Level       | Waste Reduction Activities  | Reported    |
|-------------|---|-------------|
| <b>Gold</b> | <ol style="list-style-type: none"> <li>1. 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.</li> <li>2. 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.</li> </ol> | <b>2018</b> |

| Level           | Waste Reduction Activities  | Reported    |
|-----------------|---|-------------|
| <b>Platinum</b> | <ol style="list-style-type: none"> <li>1. The city's contracted waste hauler provides a home-generated sharps disposal service since November 2015.</li> <li>2. The city's document destruction service recycles all shredded documents.</li> <li>3. 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.</li> <li>4. The City of Artesia's Municipal Code, Title 6, Chapter 2, Article 2 codifies a construction and demolition recycling ordinance that includes materials debris.</li> </ol> | <b>2018</b> |





# Climate-friendly Purchasing Activity

| Level  | Climate-Friendly Activity   | Reported |
|--------|---|----------|
| Silver | 1. The city's franchised waste hauler CR&R is contracted since November 2015 to use low-emission CNG vehicles in its fleet. | 2018     |

| Level | Climate-Friendly Activities | Reported |
|-------|-----------------------------|----------|
| Gold  |                             |          |

| Level    | Climate-Friendly Activities | Reported |
|----------|-----------------------------|----------|
| Platinum |                             |          |







# Renewable Energy and Low-Carbon Fuels Activity

| Level  | Renewable Energy and Low Carbon Fuels Activity   | Reported |
|--------|--|----------|
| Silver | 1. In May 2018, 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 (i.e. no traffic signals, streetlights, or traffic landscape islands). | 2018     |

| Level | Renewable Energy and Low Carbon Fuels Activity   | Reported |
|-------|--|----------|
| Gold  | <ol style="list-style-type: none"> <li>1. The city participates in the Direct Install retrofit rebate program through Southern California Edison 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.</li> <li>2. 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 addressed to reduce electric consumption.</li> </ol> | 2018     |

| Level    | Renewable Energy and Low Carbon Fuels Activity | Reported |
|----------|--|----------|
| Platinum |  |          |





# Efficient Transportation Activity

| Level  | Efficient Transportation Activity  | Reported |
|--------|--|----------|
| 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. | 2018     |

| Level | Efficient Transportation Activities  | Reported |
|-------|--|----------|
| Gold  | <ol style="list-style-type: none"> <li>1. 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.</li> <li>2. 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.</li> </ol> | 2018     |

| Level    | Efficient Transportation Activities   | Reported |
|----------|---|----------|
| Platinum | <ol style="list-style-type: none"> <li>1. The city completed its traffic signal synchronization project for signals along its major thoroughfares, Pioneer Blvd., in fiscal year 2013-2014 by using its annual motor vehicle subvention fund allocation.</li> <li>2. The city encourages and facilitates the development of bike sharing in the community by having prepared and submitted informational materials to the city council in March 2018 regarding bike sharing services and benefits.</li> </ol> | 2018     |





# Land Use and Community Design Activity

| Level  | Land Use and Community Activity  | Reported |
|--------|--|----------|
| 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. | 2018     |

| Level | Land Use and Community Activities   | Reported |
|-------|---|----------|
| Gold  | 1. 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). | 2018     |

| Level    | Land Use and Community Activities | Reported |
|----------|-----------------------------------|----------|
| Platinum |                                   |          |





# Open Space and Offsetting Carbon Emission Activity

| Level         | Open Space Offsetting Carbon Emission Activities  | Reported    |
|---------------|---|-------------|
| <b>Silver</b> | 1. The city has planted 115 new trees since 2013, providing carbon sequestration potential of 5,520 pounds each year. | <b>2018</b> |

| Level       | Open Space Offsetting Carbon Emission Activities   | Reported    |
|-------------|--|-------------|
| <b>Gold</b> | <ol style="list-style-type: none"> <li>1. 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.</li> <li>2. The city monitors its tree inventory through the use of ArborAccess, the online tree inventory software managed by city's tree care contractor.</li> </ol> | <b>2018</b> |

| Level           | Open Space Offsetting Carbon Emission Activities | Reported |
|-----------------|--|----------|
| <b>Platinum</b> |  |          |





# Promoting Community and Individual Action Activity

| Level         | Promoting Community and Individual Action Activities  | Reported    |
|---------------|---|-------------|
| <b>Silver</b> | 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 efforts to promote environmental awareness and responsibility. | <b>2018</b> |

| Level       | Promoting Community and Individual Action Activities   | Reported    |
|-------------|--|-------------|
| <b>Gold</b> | <ol style="list-style-type: none"> <li>1. 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.</li> <li>2. The city organized the Earth Day Expo and Eco-Artesia event at Artesia Park on April 21, 2018 to encourage community involvement towards environmental stewardship. The event featured an eco-friendly recycled art contest, an eco-friendly essay contest, and the Artesia Park Volunteer Beautification and Clean-Up.</li> </ol> | <b>2018</b> |

| Level           | Promoting Community and Individual Action Activities | Reported |
|-----------------|--|----------|
| <b>Platinum</b> |  |          |





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