BEACON
SPOTLIGHT
AWARD
WINNER
BEST PRACTICE
ACTIVITIES

City of Artesia
Sustainability Best Practice Activities

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	2020
Beacon Vanguard 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.

ILG INSTITUTE FOR LOCAL GOVERNMENT℠
Promoting Good Government at the Local Level

Statewide Energy Efficiency Collaborative
Supporting California local governments

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. 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
4. Artesia adopted the Green Building Incentive Program in April 2020, which is a voluntary incentive program for new development to achieve LEED certification or a similar green building program approved by City Manager. 5. City Council approved the purchase of portable solar powered lights for the city's trail 6. City Council approved an agreement to participate in the Low Carbon Fuel Standard (LCFS) Program through Proterra. Proterra will help the city bundle its LCFS credits from charging the electric bus for sale in the state's Cap and Trade market.

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
4. Artesia completed grant-funded water efficiency project for city's irrigation systems at city's facilities: water efficient nozzles installed. 5. The city installed weather-based smart irrigation system at Artesia Park and AJ Padelford Park as part of grant-funded water efficiency project. 6. Artesia conducts stormwater pollution reduction education every year at its Public Safety and Kid Safety Expo.

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.
5. Artesia adopted Green Building Incentive Program in April 2020; voluntary incentive program for new development to achieve LEED certification or similar green building program approved by City Manager.
6. The city worked with Southern California Gas and the Los Angeles/Ventura chapter of the Building Industry Association in developing the Green Building Incentive Program.

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. Artesia'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. Artesia'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.
5. Artesia conducts annual reviews of office supply purchases for degree of green/sustainability level.
6. Artesia analyzed its entire fleet and have prioritized vehicles to be replaced with electric vehicles or dropped completely due to under utilization.

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
4. Artesia's new trail will use portable solar powered lights.
5. The city analyzed its entire fleet and have prioritized vehicles to be replaced with electric vehicles or dropped completely due to under utilization.
6. Artesia installed bike rack at Artesia Park to promote bike use.

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.
6. Artesia built new bike lanes on Norwalk Blvd. Project completed in March 2020.

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.
5. Artesia adopted Green Building Incentive Program in April 2020; voluntary incentive program for new development to achieve LEED certification or similar green building program approved by City Manager.
6. The city's Green Building Incentive Program provides expedited application processing for participants.

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
4. Artesia was awarded a grant by CAL FIRE to implement a community-wide urban forestry management and tree planting program. Implementation began in FY 19-20.
5. The city completed grant-funded water efficiency project for city's irrigation systems at city's facilities including water efficient nozzles.
6. In FY 18-19, Artesia purchased a 1.43-acre property to convert to a new public park.

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.

Platinum
4. City Council presented a certificate of recognition to Energy Upgrade California recognizing its Keep California Golden campaign to help Californian's reduce energy consumption. 5. Members of the city's Beautification and Maintenance and Public Safety Commissions conducted community recycling education during the city's annual International Street Fair and Diversity Festival (October 2019). 6. Artesia displayed its electric bus during the International Street Fair and Diversity Festival.

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