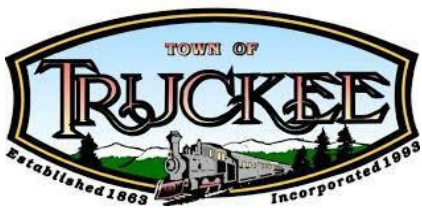


SILVER LEVEL AWARD WINNER

BEACON  
SPOTLIGHT  
AWARD  
WINNER  
BEST PRACTICE  
ACTIVITIES



# Town of Truckee

Sustainability Best Practices Activities



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*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			
	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.





## Energy Efficiency and Conservation Activity

Level	Energy Efficiency and Conservation Activity	Reported
<b>Silver</b>	1. The town implemented energy efficiency upgrades with an AARA grant of \$89,354 between 2010 and 2012. The projects included: retrofitting existing t12 fluorescent fixtures with 28-w T8 lamps; removing ¼ of T8 fixtures in retrofitted areas; adding daylight controls to front lobby; replacing standard motors with premium efficiency motors; installing variable frequency drives; installing pipe insulation on hot water piping in boiler room; implementing network thermostats for control of water-source heat pumps; and implementing occupancy based bi-level fluorescent fixtures in all staircases.	<b>2018</b>

Level	Energy Efficiency and Conservation Activities	Reported
<b>Gold</b>	1. The town implemented the mPOWER Placer PACE program in 2016. After a trial period of a year for that program, the town authorized participation in four additional Property Assessed Clean Energy (PACE) programs: HERO, CaliforniaFIRST, Ygrene, FigTree. 2. A future consultant-led effort will identify energy conservation measures and renewable energy opportunities at town-owned and -operated facilities.	<b>2018</b>

Level	Energy Efficiency & Conservation Activities	Reported
<b>Platinum</b>	1. The town is a participant in the Institute for Local Government's Beacon Program, providing access to resources for climate action planning.	





# Water & Wastewater Systems Activity

Level	Water & Wastewater Systems Activity	Reported
Silver	1. All of the town's newest buildings are equipped with the latest water saving technology, including low flow toilets and aerators on the faucets. The town collects 8,000 gallons of snow melt and rain water from roofs that is used for street sweepers and vehicle washing.	2018

Level	Water & Wastewater Systems Activities	Reported
Gold	<ol style="list-style-type: none"> <li>1. The town's stormwater program has placed over 100 storm drain markers throughout town and organized storm drain art painting contests to promote the message of "only rain down the storm drain." The stormwater program also regularly hands out native seed for native vegetation re-establishment as mitigation for erosion associated with ground disturbance from construction projects.</li> <li>2. While the town does not have extensive irrigation systems as it does not operate Truckee parks, all irrigation systems at roundabouts have rain sensors. Other landscape irrigation will have rain sensors installed as they are replaced. The town maintains a minimum of 3 inches of mulch on any of landscaping with irrigation. No pesticides or synthetic fertilizers are used on maintained areas.</li> </ol>	2018

Level	Water and Wastewater Systems Activities	Reported
Platinum	1. The town requires large developments—those with 5,000 square feet or more of impervious surface—to include bio-retention basins or similar features in designs submitted to the town. The stormwater program has held several Low Impact Development workshops to further promote LID features, like bio-retention basins, in project designs.	2018





# Green Building Activity

Level	Green Building Activity	Reported
Silver	1. The town built its new Corp Yard to meet LEED Silver standards in 2011.	2018

Level	Green Building Activities	Reported
Gold	1.	

Level	Green Building Activities	Reported
Platinum	1.	





# Waste Reduction and Recycling Activity

Level	Waste Reduction Activity	Reported
<b>Silver</b>	<ol style="list-style-type: none"> <li>1. The town updated its waste and recycling services to improve diversion rates under a new franchise agreement with its waste hauler. Truckee residents will move from using colored plastic bags to wheeled carts for their recyclables and yard waste, saving up to 3 million plastic bags over the next 10 years. Businesses will receive recycling carts for mixed recyclables and food waste carts for organic materials. The process of transitioning to new services includes the town offering technical assistance to businesses to help them divert more waste and save money.</li> </ol>	<b>2018</b>

Level	Waste Reduction Activities	Reported
<b>Gold</b>	<ol style="list-style-type: none"> <li>1. As the town has remodeled its offices, it has donated 6.3 tons of old office furniture and supplies (90% of all materials) to local non-profit organizations.</li> <li>2. The town's updated special events policy requires all events to have recycling and large events with food to have composting. Large events with food are also required to have waste station monitors to ensure that the waste streams are not contaminated.</li> </ol>	<b>2018</b>

Level	Waste Reduction Activities	Reported
<b>Platinum</b>	<ol style="list-style-type: none"> <li>1. The town has a recycling-oriented website, Keep Truckee Green, which provides residents with a recycling guide and other information about solid waste services. Through the site, the Solid Waste Division sends out monthly newsletters with tips and event announcements.</li> <li>2. The town provides drop-off bins for batteries and foil-lined wrappers for proper disposal and recycling.</li> <li>3. The town works with the Tahoe Truckee Unified School District and the Sierra Watershed Education Partnership to provide educational opportunities to students. Recent projects include smart sort bins at the schools, trashion shows, and an anti-straw campaign.</li> </ol>	<b>2018</b>





# Climate-friendly Purchasing Activity

Level	Climate-Friendly Activity	Reported
Silver	1. Truckee's Green Procurement and Sustainable Practices Policy requires the town to purchase recycled content and environmentally preferred products. Procurement practices include using paper with minimum 30% post-consumer recycled content, re-refined antifreeze and lubricating and hydraulic oils, and products made from recycled tire rubber and bio solids.	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. Town replaced streetlights along Brockway Road with solar-powered streetlights in early 2018. Due to the distance between the lights, each one would have required its own electric meter and service connection at a cost of approximately \$12,000 each. The solar-powered lights eliminate this cost while improving visibility for pedestrians.	2018

Level	Renewable Energy and Low Carbon Fuels Activity	Reported
Gold	<ol style="list-style-type: none"> <li>The town's 2018-2019 budget includes funding for the town to access 100% renewable electricity from the Truckee Donner Public Utilities District (PUD). This will kick start PUD's "green" program that they will market to other businesses, organizations, and individual users in the future. The green program and the town's leadership will help Truckee reach its goal of 100% renewable electricity community-wide by 2030.</li> <li>A solar installation will be added to the town's new corporation yard facility with a production capacity between 20,000 and 25,000 kilowatts per year.</li> </ol>	2018

Level	Renewable Energy and Low Carbon Fuels Activity	Reported
Platinum	1.	





# Efficient Transportation Activity

Level	Efficient Transportation Activity	Reported
Silver	1. In 2015, the town completed the Truckee Trails and Bikeways Master Plan, which includes goals and policies to guide expansions and maintenance to pedestrian and bike infrastructure. Additionally, the town partnered with Zagster and the Truckee Tahoe Airport District to bring a community bike sharing program to the area.	2018

Level	Efficient Transportation Activities	Reported
Gold	<ol style="list-style-type: none"> <li>In 2017, Truckee conducted a Long-Range Transit Plan that outlines establishing new neighborhood routes, providing extended hours and days of service, and expanding dial-a-ride services. Starting in 2015, Truckee has offered free seasonal shuttles to Truckee Thursday events and the July 4th parade and during the winter holiday week. These shuttles have an annual shuttle ridership of 13,200 one-way passenger trips, reducing vehicles on the roadways and associated emissions while improving public health and enhancing the visitor experience.</li> <li>The town implemented 9-80 work schedules to reduce employee trips to town hall and an incentive program for employees using alternative transportation.</li> </ol>	2018

Level	Efficient Transportation Activities	Reported
Platinum	<ol style="list-style-type: none"> <li>In 2016, the town purchased a zero emission electric motorcycle and electric utility vehicle for the Police Department. In fiscal year 2018-19, the town plans to purchase one electric vehicle for the town fleet and install three charging stations at town hall for fleet, employee, and public use.</li> <li>The town has installed roundabouts at intersections to improve traffic flow and reduce greenhouse gas emissions.</li> <li>The town imposes a mitigation fee for particulate matter emissions on large development projects that is based on VMT generated from the project. The fees go to future emissions reduction programs.</li> </ol>	2018





# Land Use and Community Design Activity

Level	Land Use and Community Activity	Reported
<b>Silver</b>	1. The 2025 General Plan includes goals and policies that promote mixed-used, infill, and pedestrian-oriented development especially in the downtown corridor to reduce vehicle miles traveled. The current General Plan update process will continue to expand on these priorities.	<b>2018</b>

Level	Land Use and Community Activities	Reported
<b>Gold</b>	<ol style="list-style-type: none"> <li>1. General Plan goals are carried out through the Development Code, which includes language like the following: “focus on more compact development to promote walkability, preservation of natural resources, creation of public space, and shared infrastructure.”</li> <li>2. The Railyard Master Plan lays out plans for development at the eastern end of downtown Truckee—one of the primary locations for infill in town. The first goal in the Master Plan is: “encourage vibrant and economically sustainable mixed-use redevelopment that offers diverse retail, entertainment, employment and housing opportunities.”</li> </ol>	<b>2018</b>

Level	Land Use and Community Activities	Reported
<b>Platinum</b>	<ol style="list-style-type: none"> <li>1. Truckee received a grant to conduct a vulnerability assessment and develop adaptation policies that will help inform climate and safety components in the upcoming General Plan update.</li> <li>2. Town of Truckee has one CivicSpark fellow developing capacity on climate issues including the integration of climate action into the upcoming General Plan update process.</li> </ol>	





# Open Space and Offsetting Carbon Emission Activity

Level	Open Space Offsetting Carbon Emission Activities	Reported
<b>Silver</b>	1. The town partners with local agencies, including the Truckee Tahoe Airport District and the Truckee Donner Recreation and Park District to protect natural lands. The Town of Truckee has been especially involved in preserving the Truckee River corridor and Donner Lake by regulating development and incentivizing habitat restoration.	<b>2018</b>

Level	Open Space Offsetting Carbon Emission Activities	Reported
<b>Gold</b>	<ol style="list-style-type: none"> <li>1. The 2025 General Plan includes the following goal: “protect areas of significant wildlife habitat and sensitive biological resources.” The town implements this goal in projects across town with regional stakeholders. For example, the town has partnered with the Truckee River Watershed Council to restore and maintain a wetland for public benefit on the town-owned McIver Dairy parcel.</li> <li>2. The town’s Development Code has regulations regarding tree preservation including requiring site designs to maximize tree retention, receive a zoning clearance for tree removal, and mitigate approved tree removal.</li> </ol>	<b>2018</b>

Level	Open Space Offsetting Carbon Emission Activities	Reported
<b>Platinum</b>	1.	





# Promoting Community and Individual Action Activity

Level	Promoting Community and Individual Action Activities	Reported
<b>Silver</b>	1. The town has gone through an initial outreach effort to engage local agencies in cooperation and partnership on sustainability efforts. The town council collaborated with local stakeholders in passing 100% clean energy goals. All of these engagement efforts will continue and expand as the town embarks on a General Plan update.	<b>2018</b>

Level	Promoting Community and Individual Action Activities	Reported
<b>Gold</b>	<ol style="list-style-type: none"> <li>1. The town has hosted three Fix-It Clinics in partnership with the Truckee Roundhouse during which residents can bring broken household items to the makerspace and have them repaired for free by handy volunteers. These events have prevented at least 60 household items from going to the landfill.</li> <li>2. Keep Truckee Green, the town's solid waste division, has begun an ambassadors program in which community members will help educate residents and visitors about recycling and composting in Truckee.</li> </ol>	<b>2018</b>

Level	Promoting Community and Individual Action Activities	Reported
<b>Platinum</b>	1. Keep Truckee Green conducts extensive outreach efforts on topics related to solid waste, recycling, water conservation, and storm water pollution at events in the Truckee area. At these events, the town distributes motor oil kits to improve motor oil recycling and reduce water pollution.	





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